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D.A.T.A. BOOK®

ELECTRONIC INFORMATION SERIES

PC BOARD CONNECTORS EDITION 2

D.A.T.A.

1987
D.A.T.A. BOOK®
ELECTRONIC INFORMATION SERIES

PC BOARD CONNECTORS
EDITION 2

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- 10 New Manufacturers Added

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1987

D.A.T.A. BOOK®

ELECTRONIC INFORMATION SERIES
VOLUME 32 - BOOK 21 - MAY 1987

PC BOARD CONNECTORS

EDITION 2

6,048 TYPES

110 MANUFACTURERS

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GENERAL INFORMATION

PURPOSE This D.A.T.A.BOOK is designed to report comprehensively on what is presently being produced throughout the world in the field of PC Board Connectors. While a publication such as this cannot provide 100% of the information you might need, its primary aim is to facilitate the selection of devices suitable to your technical requirements, and direct you to the sources of their manufacture.

TECHNICAL DATA ACQUISITION D.A.T.A. acquires information presented in this D.A.T.A.BOOK with the cooperation of the participating manufacturers who supply us with their latest catalogs and datasheets.

Manufacturers listed include those producing connectors used to interconnect:

- One PC board to another PC board
- A PC board to a stranded or solid wire
- A PC board to a cable

MANUFACTURERS' SPECIFICATIONS This book includes currently manufactured components with their major characteristics, drawings and manufacturers. Every effort is made to ensure the accuracy of the entries herein; however, the publisher can not be held responsible nor guarantee against the possibility of error or omission. Only the manufacturers or their authorized representatives can provide you with complete technical details.

PRICE AND AVAILABILITY Because of the rapidly-changing and complex nature of this field, current price and delivery information should be obtained directly from the manufacturers. The list of manufacturers in the back of this book will assist you in these areas.

GSA APPROVED D.A.T.A.BOOKS are authorized for purchase under GSA Contract #GS-01F-09833 FSS 76 Part 1 Publications. Write or call for GSA prices.

Connectors designed for rack & panel applications can be found in the companion book of the connector series title RACK & PANEL CONNECTORS.

This book is organized into four major divisions

- **PRODUCT SELECTION SECTIONS** – Electrical, mechanical and environmental characteristics of PC board connectors, derived from manufacturers' datasheets, are presented in a format designed to make it easy to compare specifications of similar connectors from many different manufacturers.
- **MANUFACTURERS' ORDERING KEYS** – Information needed to create a specific manufacturer part number is provided via ordering keys for each connector series.
- **CONNECTOR DRAWINGS** – An outline drawing with dimensions is provided for each connector listed in the product selection section.
- **MANUFACTURERS' CODES & NAMES, PROFILE** – Each manufacturer's name, address, telephone number, telex number and logo are provided to facilitate personal contact for additional information, if needed.

Indexes for each of the four major divisions are provided to enable quick and easy access to each section.

HOW TO FIND A CONNECTOR

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THREE BASIC WAYS

1. Search by application, including electrical and mechanical requirements.
2. Search by manufacturer.
3. Search by outline drawing.

1 IF YOU KNOWThe application, electrical and mechanical requirements.

AND NEED TO KNOWAvailable manufacturers or type identification.

First: Turn to the Table of Contents.

- a. Select the connector application of interest.

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Second: Turn to the indicated section – Note that each section is subdivided by the number of contact rows and/or pitch. Within each subsection, the listings are first sorted by the maximum number of contacts available for the specified connector series, and then by manufacturer.

- a. Find the connector that fits your electrical and mechanical requirements.
Example: 225-2

SOCKETS, EDGE CARD PRODUCT SELECTION																																
Line No.	D.A.T.A. Mfr. Code	Type Identification	Variation	Approvals							Contact						Contact Termination															
				CSA	IEC	MIL	UL	VG	VDE	Other	Number (Range)	Option	Type	Entry	Resistance (mOhm)	Current (Amp)	Material	Plating	Angle	Comp	Cup	IDC	Loop	Post	Press Fit	Screw	Spade	Spring	Surface	Turret	Wrap	Other
DOUBLE EDGE CONTACT, PITCH .156" (3.95mm)																																
26	AAP	225-2	E								12-86		BELLOW	150	5.0	BeCu	Au	ST														
27	AAP	225-2	D								12-86		BELLOW	150	5.0	Cu	Au	ST														
28	AAP	225-2	B								12-86		BELLOW	150	5.0	PBrz	Au	ST														
29	AAP	225-2	A								12-86		BELLOW	150	5.0	PBrz	Au	ST														
30	AAP	225-2	F								12-86		BELLOW	150	5.0	BeCu	Au	ST														
31	CCC	Q6156-140									12-86		BELLOW	30	5	PBrz	Au	90														
32	CCC	Q6156-140	A								12-86		BELLOW	30	5	PBrz	Au	ST														
33	CNT	CT1562	0								0		CANTIL	7.0	5.0	PBrz	Au	ST														
34	EBY	CL SERIES	A								12-86		CANTIL	8.0	5.0	PBrz	Au	ST														

SOCKETS, EDGE CARD PRODUCT SELECTION														Mfr. Order Key	Drawing Number
Line No.	Type Identification	Variation	Mounting Angle	Mounting Type	EMI	Insulator DWV (KV)	Material	Polarization	Additional Features						
DOUBLE EDGE CONTACT, PITCH .156" (3.95mm)															
26	225-2	E	FLNG	0.6	DAP	X	12,20,30,36,44,56,72,86	Bifurcated Contacts	Qualified to MIL-C-21097 C/2A	AAP3	OR154				
27	225-2	D	FLNG	0.6	DAP	X	12,20,30,36,44,50,56,72,86	Bifurcated Contacts	A	AAP2	OR154				
28	225-2	B	FLNG	0.6	PHEN	X	12,20,30,44,50,56,72,86	Folded Ribbon Contacts	A	AAP2	OR154				
29	225-2	A	FLNG	0.6	PHEN	X	12,20,30,36,44,50,56,72,86	Folded Ribbon Contacts	A	AAP2	OR154				
30	225-2	F	FLNG	0.6	DAP	X	12,20,30,36,44,56,72,86	Bifurcated Contacts	Qualified to MIL-C-21097 C/2A	AAP3	OR154				
31	Q6156-140		ST	2.5	DAP	O	12,20,30,36,44,72,86	Contacts	Termination Length 3.6,4.8,6.4,10.4mm C	CCC11	OR69				
32	Q6156-140	A	ST	2.5	DAP	O	12,20,30,36,44,72,86	Contacts	Termination Length 3.6,4.8,6.4,10.4mm C	CCC11	OR68				
33	CT1562		PBT		PBT	X		Force Ins=8oz Max, Sep=1oz Min, Tail Length Opt .060, .320, .580in		EBY09	OR147				
34	CL SERIES	A	MULT	1.8	PBT	X	12,20,24,30,36,44,50,56,60,72,86	Contacts	E	EBY09	41R7				

Third: If you need to verify that the physical shape and dimensions fit your application.

- a. Note the drawing number – Example: OR154
- b. Refer to the Index of Outline Drawings to find the exact page number for the specific drawing.
- c. Verify shape and size.

OR154

Dwg. No Suffix	I	M	P	N	S	A	B	C	D	E
OR154a	X		2			.20	.275	.190	.10	.10
OR154b	X		6			.820	.275	.190	.10	.10
OR154c		X	25			64.8	9.4	8.7	3.0	2.54

HOW TO FIND A CONNECTOR

Fourth: If you need to construct the complete part number for the specific configuration you require.

- a. Note the manufacturers number key – Example: AAP3
- b. Refer to the Index of Ordering keys to find the exact page number for the specific ordering key.
- c. Construct the part number based on your specific requirements.

AAP3

ALLIED AMPHENOL PRODUCTS

<p>EXAMPLE</p> <p>225 - 2 06 2 1 - 2 01</p> <p>A B C D E F G</p>	<p>A. SERIES 225-</p> <p>B. TERMINATION Digit 2 Termination Solder</p> <p>C. NUMBER OF CONTACTS Digit Group No. of Contacts</p> <table border="0"> <tr><td>06</td><td>6 or 12</td></tr> <tr><td>10</td><td>10 or 20</td></tr> <tr><td>15</td><td>15 or 30</td></tr> <tr><td>18</td><td>18 or 36</td></tr> <tr><td>22</td><td>22 or 44</td></tr> <tr><td>28</td><td>28 or 56</td></tr> <tr><td>36</td><td>36 or 72</td></tr> <tr><td>43</td><td>43 or 86</td></tr> </table>	06	6 or 12	10	10 or 20	15	15 or 30	18	18 or 36	22	22 or 44	28	28 or 56	36	36 or 72	43	43 or 86	<p>D. CONTACT CONFIGURATION 2 Two rows of independent contacts.</p> <p>5 Two rows of bridged contacts with one tail</p> <p>E. MOUNTING</p>	<p>F. CONTACT PLATING Digit 2 Plating .000050 (0,001270) Gold over Copper (MIL-C-21097).</p> <p>G. TAIL STYLE</p>
06	6 or 12																		
10	10 or 20																		
15	15 or 30																		
18	18 or 36																		
22	22 or 44																		
28	28 or 56																		
36	36 or 72																		
43	43 or 86																		

Fifth: If you need specific manufacturer information.

- a. Note the manufacturer code and turn to the Manufacturers' Profile section for additional information including address, telephone number and logo.

ALLIED AMPHENOL PRODUCTS – AAP
7300 West Wilson Ave.
Chicago, IL 60656
312/867-4600



PCB Connectors

2 IF YOU KNOWThe manufacturer.
AND NEED TO KNOWTypes available or electrical and mechanical characteristics.

First: Turn to the Table of Contents.

- a. Locate the Index by Manufacturer.

HOW TO FIND A CONNECTOR

Fifth: If you need to construct the complete part number for a specific configuration.

- Note the manufacturers number key – Example: AAP3
- Refer to the Index of Ordering keys to find the exact page number for the manufacturers ordering information.
- Construct the part number based on your requirements.

AAP3

ALLIED AMPHENOL PRODUCTS

<p>EXAMPLE</p> <p>225 - 2 06 2 1 - 2 01</p> <p>A B C D E F G</p>	<p>A. SERIES 225-</p> <p>B. TERMINATION Digit 2 Termination Solder</p> <p>C. NUMBER OF CONTACTS Digit Group No. of Contacts 06 6 or 12 10 10 or 20 15 15 or 30 18 18 or 36 22 22 or 44 28 28 or 56 36 36 or 72 43 43 or 86</p>	<p>D. CONTACT CONFIGURATION 2 Two rows of independent contacts. 5 Two rows of bridged contacts with one tail</p> <p>E. MOUNTING</p>	<p>F. CONTACT PLATING Digit 2 Plating .000050 (0,001270) Gold over Copper (MIL-C-21097).</p> <p>G. TAIL STYLE</p>
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Sixth: If you need specific manufacturer information.

- Note the manufacturer code and turn to the Manufacturers' Profile section for additional information including address, telephone number and logo.

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7300 West Wilson Ave.
Chicago, IL 60656
312/867-4600



PCB Connectors

Seventh: Alternatively, from the Index by Manufacturer, you can go directly to the drawing section or manufacturer key section.

INDEX BY MANUFACTURER

Manufacturer Name (CODE)					Manufacturer Name (CODE)				
Section Name	Page No.	Line No.	Mfr. Key	Drawing Number	Section Name	Page No.	Line No.	Mfr. Key	Drawing Number
ALLIED AMPHENOL PRODUCTS (AAP)									
SOCKETS, EDGE CARD									
DOUBLE EDGE CONTACT, PITCH .125" (3.18mm)					B-32M-C1A	2-48	82	DIN01	999P1
225-804	2-2	6		0R152	B-64M-C1A	2-50	2	DIN01	999P1
					B-64M-C1B	2-48	55	DIN02	999P1
					B-64M-C1H	2-48	49	DIN02	999P9
DOUBLE EDGE CONTACT, PITCH .156" (3.95mm)					C-32M-C1A (A)	2-48	80	DIN01	999P3
225-2 (A)	2-2	29	AAP2	0R154	C-64M-C1A	2-50	6	DIN01	999P3
225-2 (B)	2-2	28	AAP2	0R154	C32M-C1B	2-48	60	DIN02	999P3
225-2 (D)	2-2	27	AAP2	0R154	C32M-C1H (A)	2-48	62	DIN02	999P3
225-2 (E)	2-2	26	AAP3	0R154	C32M-C1H (B)	2-48	61	DIN02	999P3
225-2 (F)	2-2	30	AAP3	0R154	C32M-C1W	2-48	69	DIN02	999P3
					C32S-C1A (B)	2-48	48	DIN02	999P3
					C64M-C1A (A)	2-48	52	DIN02	999P3
					C64M-C1B	2-48	63	DIN02	999P3
SOCKETS, TWO-PIECE					C64M-C1H (A)	2-48	59	DIN02	999P3
1 ROW					C64M-C1H (B)	2-48	65	DIN02	999P3
15137	2-4	1		37R6	C64M-C1W	2-48	68	DIN02	999P3
					D-16M-C1A	2-48	76	DIN01	999P12

Eighth: Additional manufacturer information such as address, telephone number and logo information can be found in the Manufacturers' Profile Section.

**3 IF YOU HAVEA specific shape and size requirement.
AND NEED TO KNOWA type identification, ordering information or
electrical/mechanical characteristics.**

First: Turn to the Table of Contents and locate the Drawing Section.

- a. Find a connector that meets your shape and size requirements – Note its drawing number.

OR154

Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E
OR154a	X		2	.20	.275	.190	.10	.10
OR154b	X		6	.820	.275	.190	.10	.10
OR154c		X	25	64.8	9.4	8.7	3.0	2.54

Second: Use the Drawing Cross Reference Index and find your drawing number.

- a. Note the manufacturers key number. Then turn to the Index of Ordering Keys to find the specific key.
- b. Note the Type Identification number assigned to the particular connector.
- c. Note the corresponding reference to the page and line number where the electrical/mechanical characteristics can be found.

DRAWING NUMBER CROSS INDEX

Drawing Number	Mfr. Key	Type Identification	Page No.	Line No.	Drawing Number	Mfr. Key	Type Identification	Page No.	Line No.
OR125	EDAC01	333 (B)	2-2	52	OP64	AAP12	840-FRC-J	2-68	6
OR127	EDAC01	337 (B)	2-2	51	OP69		4201 (A)	2-70	21
OR127	EDAC01	387 (B)	2-2	50	OP70		4201 (B)	2-70	22
OR152		225-804	2-2	6	OP72		4321	2-68	17
OR154	AAP2	225-2 (A)	2-2	29	OP77	MBC1	DEJ (A)	2-42	78
OR154	AAP2	225-2 (B)	2-2	28	OP77	MBC1	DET (A)	2-44	11
OR154	AAP2	225-2 (D)	2-2	27	OP77	MBC2	MFDE09P	2-42	79
OR154	AAP3	225-2 (E)	2-2	26	OP78	MBC1	DAJ (A)	2-44	10
OR154	AAP3	225-2 (F)	2-2	30	OP78	MBC1	DAT (A)	2-44	13
OR157	AAP5	840-FRC2 (A)	2-6	1	OP78	MBC2	MFDA15P	2-42	84
OH115	ARS01	906-2	2-38	14	OP79	MBC1	DBJ (A)	2-44	12
OH116	ARS01	907-2	2-38	13	OP79	MBC1	DBT (A)	2-44	9
OH117	ARS01	908-2	2-38	10	OP79	MBC2	MFDB25P	2-42	83
OH119	ARS01	909-2	2-38	9	OP80	MBC1	DCJ (A)	2-44	8
OH119	ARS01	910-2	2-38	8	OP80	MBC1	DCT (A)	2-44	7

FIELD DEFINITIONS

D.A.T.A. MFR. CODE: A three (or four) letter code assigned by D.A.T.A. to identify a specific manufacturer. A translation of this code is found in the Manufacturer's Profile. Refer to the profile for the manufacturer's name, address and telephone number.

TYPE IDENTIFICATION: A unique identifier derived from the basic manufacturer's type number, order code or generic number which allows similar devices to be grouped and identified. This identification may not necessarily represent the manufacturer's intended order code and should be used for general comparison only.

VARIATION: Variations of the **TYPE IDENTIFICATION** exhibiting attributes which require separate listings to insure clarity of intended application.

APPROVALS: Manufacturer's indication of device acceptance by an industry recognized test laboratory, civil or government organization tasked with determining suitability of device operation within parameters specified by the approving organization. Consult the Dictionary of Connector Terms contained elsewhere in this book for an explanation of the abbreviations for the organizations listed.

CSA	Canadian Standards Association
IEC	International Electrotechnical Commission
MIL	U.S. Military Specifications
UL	Underwriters Laboratories
VG	German Defense Specifications
VDE	Verband Deutscher Electroechner
OTH	Other Specifications not listed above. Refer to Special Features for details.

CONTACT: Information detailing the mating surface of the connector contact as defined in the following:

NUMBER (RANGE): The Minimum to the Maximum (inclusive) number of contact combinations available within a specified variant as defined by the manufacturer's supplied information. Refer the the Manufacturer's Ordering Key and/or Additional Features field for specific information.

OR

In the case of two or less contact combinations, the specific number of contacts will be given (ie: a single 50 means 50 contacts only, a 25 & 50 means 25 and 50 contacts only). If the minimum and the maximum range are listed as zero, consult the manufacturer for options.

OPTION: An 'S' in this field indicates connectors having separate user installed contacts. Additional information may be available in the Manufacturer's Ordering Key and/or part drawing.

TYPE: A general overall description of the contact construction with reference to the mating area. The following is a list of the codes found in this block.

Aniso	Surface mount anisotropic elastomeric contact.
Bellow	Female bellows contact.
Bifurc	Female bifurcated bellows or spring type contact.
Blade	Male blade contact.
Box	Female box contact.
Brush	Hermaphroditic brush type contact.
Cantil	Female cantilevered contact.
Csprng	Surface mount metal C-Spring contact.
Elasto	Surface mount elastomeric contact (non-specific).
Fork	Female (or Hermaphroditic) fork contact.
Filter	Capacitively/Inductively filtered female or male contact.

Hermap Hermaphroditic non-gendered universal contact.
Hyperb Female hyperbolic (twisted wire) contact.
IDC Ribbon (flat) cable insulation displacement type contact.
Pin Male solid or hollow round pin contact.
Post Male solid or hollow square post contact.
Press Male pressfit base stacking type contact.
Socket Female (non-specific) socket contact.
Sprbld Female flat blade spring contact.
Spring Female beam spring contact.
Mult Multiple contact types on a single connector body. Refer to Additional Features for details.
SpecI Special contact types. Refer to Additional Features for details.

ENTRY: When closed entry is a standard feature, socket contacts will be identified with the letter 'C' in this block. If closed entry is not standard but is an optional feature, the letter 'O' will be placed in this block. If the contacts are open entry, or if the information is not provided, this block will be blank.

RESISTANCE (mohm): The Maximum resistance, in Milliohms, for an individual connector contact.

CURRENT (AMP): The Maximum working current, in Amps, for an individual connector contact.

MATERIAL: The base metal or alloy material used in the construction of the contact.

BeCu Beryllium Copper Alloy
Bras Brass
Brnz Bronze
CDA Copper Development Association Graded Copper Alloy
Crbn Carbon
Cu Copper
CuNi Copper Nickel Alloy
CuSn Copper Tin Alloy
CuZn Copper Zinc Alloy
Ni Nickel
NiAg Nickel Silver Alloy
Pbrz Phosphor Bronze Alloy
Rbbr Conductive Elastomeric Rubber
Sil Conductive Elastomeric Silicone Rubber
SStl Stainless Steel
Mult Multiple Combinations of materials on a single contact. See Additional Features for details.
Opt Optional materials available, refer to Additional Features for details.

PLATING: The final metal, chemically or electro-chemically bonded to the surface of the contact where interactive connection is made.

Ag Silver
Au Gold
Ni Nickel
Sn Tin
O Optional, more than one plating is available. Refer to Additional Features for details.
M Multiple plating finishes on a single contact. See Additional Features for further information.

CONTACT TERMINATION:

Information detailing the point on the contact at which electrical connection is transferred to or from an external conductor or circuit path.

ANGLE: The bend of the contact termination viewed lengthwise with respect to the contact mating surface. The angle is expressed in degrees, unless no bend exists, in which case this block will have the letters 'ST' to denote straight terminations.

TYPE: This matrix contains information about the construction of terminations used on a contact. More than one block in the matrix may be checked, indicating a basic connector type as having a choice of terminations available. Consult the drawing section for further information on the terminations listed below.

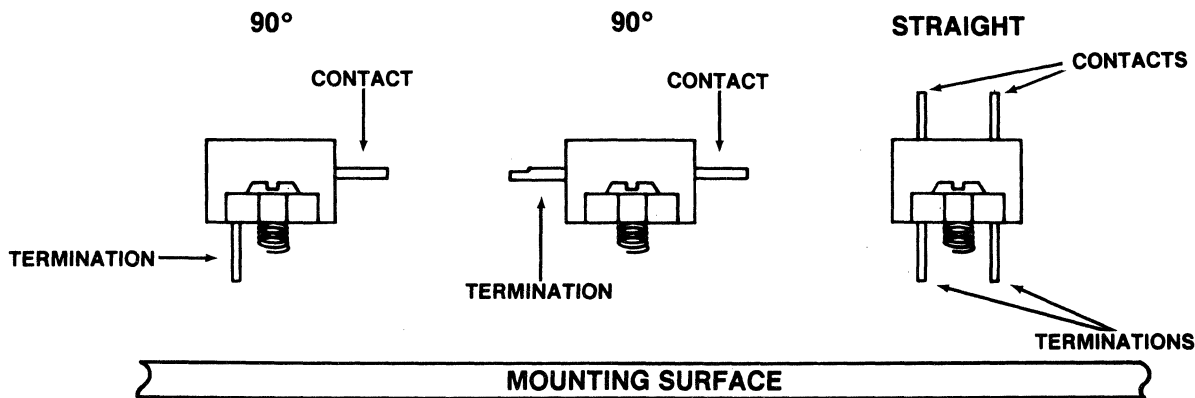
- Crimp** Crimped wire termination
- Cup** Solder cup wire termination
- IDC** Insulation displacement ribbon (flat) cable termination
- Eyelet** Loop or eyelet wire termination
- P-Back** Piggy-back termination (DIN only)
- Post** PC board mounted solder post termination
- Press** Compliant or solid pin pressfit PC board termination
- Screw** Captive screw wire termination
- Quick** Quick disconnect spade termination
- Spring** Captive spring wire termination
- Surface** PC board surface mount termination
- Termi** Termipoint termination (DIN only)
- Turret** Solder turret wire termination
- Wrap** 1, 2 and 3 level wire wrap post termination
- Other** Other terminations not listed above will be referenced in Additional Features.

MOUNTING (All Sections Except DIN):

Information describing the mounting of the connector to the printed circuit board (when applicable) by methods other than the contact termination.

ANGLE: The relative angle between the connector mating surface and mounting surface when viewed lengthwise. This angle is expressed in degrees, unless no angle exists, in which case this block will have the letters 'ST' to denote a straight mounting.

EXAMPLE



TYPE: A general description of the hardware used to mechanically affix the connector to the mounting surface. Refer to the drawing section for examples of the mounting types listed.

- Brkt** Bracket
- Ctsk** Countersunk thru-hole
- Fing** Flanged body
- Guid** Threaded Guide post
- Inst** Insert
- Rivt** Rivet
- Stnd** Standoff
- Stud** Stud
- Thru** Thru-Hole
- Othr** Other mounting types not listed above. Refer to Additional Features for details.

ROWS LOADED (DIN Only): This information lists the rows (a-f & z) containing active contacts according to DIN Standards.

EMI: If radio frequency (RF) and/or Electro-Mechanical Interference (EMI) shielding is standard, this block will be checked. If EMI shielding is optional, the letter "O" will be seen. If shielding is not available, or if this information is not supplied by the manufacturer, this block will be blank.

INSULATOR: This information describes the fundamental characteristics of the material used to construct the insulator (body) of the connector.

DWV: The Dielectric Withstanding (breakdown) Voltage of the insulator. This value is expressed in Kilovolts (KV).

MAT'L: A description of the basic material type used in the insulators construction.

- DAP** Diallyl Phthalate
- EPXY** Epoxy (non-specific)
- FEP** Fluorinated Ethylene Propylene
- MYLR** Mylar
- NOR** Noryl
- NYL** Nylon
- ORLN** Orlon
- PBT** Polybutylene Terphthalate
- PES** Polyethersulfone
- PET** Polyethylene Terephthalate
- PHEN** Phenolic
- PLAS** Plastic (non-specific)
- PLCB** Polycarbonate
- PLYM** Polyamid
- PLYP** Polypropylene
- PLYR** Polyester
- POLY** Polyethelene
- PPS** Polyphenylene Sulfide
- PVC** Poly Vinyl Chloride
- RBBR** Rubber
- RYSI** Ryton/Silicone
- RYTN** Ryton
- SIL** Silicone
- TEFL** Teflon
- THPL** Thermoplastic (non-specific)
- THST** Thermoset (non-specific)
- OPT** Optional insulators available. Refer to Additional Features for details.

FIELD DEFINITIONS

POLARIZATION: This block will contain a "Y" if polarization is a standard feature. If polarization is optional, an "O" will be placed in this block. Refer to the drawing and/or ordering key sections for details.

ADDITIONAL FEATURES: Attributes which cannot be shown elsewhere in the technical section, but by nature of importance should be noted, will be entered here in narrative form. Technical blocks indicating optional features will be further explained or referenced here as well. Whenever required, a listing of all available contact positions will be provided in this space or, the user will be directed to the Mfr. ordering key or Outline Drawing for this information.

QUALITY CLASS (DIN Only): The numbers 1, 2 & 3 in this block indicate the Quality Class/Performance level to which the connector has been tested, in accordance with DIN 41612 part 5.

MFR. ORDERING KEY The entry found in this block is used to locate the manufacturer's ordering information through the Index of Ordering Keys. The first three (or four) letters represent the manufacturers code assigned by D.A.T.A., the last two digits represent the sequence number of the key.

DRAWING NUMBER: The appropriate drawing may be found by matching this number to the page number given in the Index of Drawings located in the Drawing Section. The first two (or three) digits in this number are an internal D.A.T.A. code, the next letter represents the basic connector type (ie: P=Plug, R=Receptacle or socket, H=Male Header connector), the last two (or three) digits represent the drawing sequence number.

DICTIONARY OF CONNECTOR TERMS

A

AMPACITY: Current handling capability.

B

BARREL: Cylindrical portion or portions of a connector contact, terminal, or splice.

BELLOWS CONTACT: A folded, flat spring that provides a uniform spring rate over the full tolerance range of the mating unit.

BERYLLIUM COPPER: A base metal alloy of copper used in spring-type connector contacts because of its resistance to fatigue at high operating temperatures.

BIFURCATED CONTACT: A contact (usually a flat spring) which is slotted lengthwise to provide additional independently operating points of contact.

BLADE CONTACT: A flat male contact designed to mate with a tuning fork or a flat-formed female contact.

BOX CONTACT: A female contact in a squared shape with contact material on 2 or 4 sides.

C

CANTILEVER CONTACT: A spring contact in which the contact force is provided by one or more cantilevered springs.

CLOSED ENTRY CONTACT: A female contact designed to prevent the entry of a pin or probing device larger than the mating pin.

COMPLIANT PRESS FIT: PC board termination technique that provides a gas-tight seal to the PC board plated through holes, eliminating the need for solder.

CONFIGURATION: The specific arrangement of contacts in a multiple-contact connector.

CONNECTOR HOUSING: Insulating material that surrounds the contacts. Once pins and sockets are inserted into the housing the assembly is called a connector.

CONTACT ALIGNMENT: Defines the overall side play which contacts shall have within the insert cavity so as to permit self-alignment of mated contacts. Sometimes referred to as the amount of contact float.

CONTACT AREA: Area of junction between two mating contacts, or a conductor and contact termination, that permits the flow of electrical current.

CONTACT ARRANGEMENT: The number, spacing and arrangement of contacts in a connector.

CONTACT CAVITY: A defined hole in the connector insulator into which the contacts fit.

CONTACT MATING LENGTH: Length of travel of one contact across another contact when engaging or separating a connector. Also see Wiping Action.

CONTACT PLATING: The plated-on material applied to the basic metal of an electrical contact to provide for required contact-resistance and/or specified wear-resistance characteristics, and attachment of the wire conductor.

CONTACT POSITIONS: In most connectors, the maximum number of contacts that can be actively engaged. In edge connectors, the number of contact positions along the length of the connector, as opposed to the total number of contacts. See Readout.

CONTACT RESISTANCE: Maximum permitted electrical resistance of a contact when assembled in a connector under typical service use.

CONTACT RETENTION: Defines minimum axial load in either direction which a contact must withstand while remaining firmly fixed in its normal position within an insert.

CONTACT SPRING: The spring placed inside the socket-type contact to force the pin into a position of positive contact. Depending on the application, various types are used, including leaf, cantilever, etc.

CRIMP CONTACT: A contact in which the termination is a hollow cylinder. After a bared wire is inserted in the cylinder, a swaging tool is used to crimp the contact metal firmly against the wire. Sometimes referred to as a solderless contact.

CSA: Abbreviation for Canadian Standard Association. Underwriter's Laboratories counterpart in Canada.

D

DIELECTRIC WITHSTAND VOLTAGE: The voltage that an insulating material can withstand before breakdown occurs.

DIN: Abbreviation for Deutsche Industrie Normenausschus. Refers to the standard developed by the German Institute for Standardization (Deutsches Institut für Normung e.V.)

DIP: Abbreviation for dual in-line package.

DIP SOLDER: Process of making electrical connections, usually to a printed circuit board, by the use of dipping one side of the board in molten solder, thus soldering the projecting component leads to the circuitry printed on the board.

E

EDGECARD CONNECTORS: A connector designed to mate with the edge of a printed circuit board.

EMI: Abbreviation for electromagnetic interference.

F

FLANGE: A projection extending from a connector and provided with holes to permit mounting the connector to a board or to a mating connector half.

FLAT CABLE: Any cable with two smooth or corrugated but essentially flat surfaces, made of single wires or twisted pairs bonded or laminated together in one plane.

FLAT CABLE CONNECTOR: A connector expressly designed to terminate flat cable. May be designed for flat conductor flat cable, or round conductor flat cable.

FORK CONTACT: See Tuning-Fork Contact.

G

GRID SPACING: The distance between the centers of contacts within an insulator.

H

HEADER: A feedthrough type connector which introduces a conductive path through an insulating block.

HERMAPHRODITIC CONTACT: Slotted contacts with beveled contacting surfaces in which both mating portions are exactly alike in shape, but mate at a ninety degree angle from each other.

HERMETIC SEAL: Hermetically sealed connectors are usually multiple contact connectors in which the contacts are bonded to the connector by glass or other materials to permit a maximum leakage rate of gas through the connector of 1.0 micron ft/hr at one atmosphere pressure.

HIPOT: Voltage breakdown test of a dielectric. Hipot is the short form of the words "high potential."

HOOD: An enclosure, attached to the back of a connector, to contain and protect wires and cable attached to the terminals of a connector. A cable clamp is usually an integral part of the hood.

I

IDC: (See Insulation Displacement Contact)

IEC: Abbreviation for the Switzerland based standards agency - International Electrotechnical Commission.

INSERTION FORCE: The force per contacts required to insert a male contact into a female socket. Contact insertion/withdrawal force is a compromise. The least amount of insertion force is desired to allow easy insertion without lead damage, while the most amount of withdrawal force is desirable to maximize retention and minimize contact resistance.

INSULATION DISPLACEMENT

CONTACT (IDC): A mass termination connector for flat cable with contacts that displace the conductor insulation to establish contact with the cable conductors.

INSULATION RESISTANCE: Minimum electrical resistance permitted between any pair of contacts and between conductors and grounding devices of the connectors.

L

LIF: Abbreviation for Low Insertion Force.

M

MASS TERMINATION: Method of termination in which terminals that pierce flat cable insulation without stripping to cold flow mate with conductors to form a gas-tight metal-to-metal joint.

N

NORMAL FORCE: The measured force of contact deflection at the mating point.

P

PHOSPHOR BRONZE: A connector contact material frequently used because it has good corrosion resistance, fair conductivity and can be easily formed.

PIN CONTACT: A male-type contact.

PLATING: The overlaying of a thin coating of metal on metallic components to improve conductivity, provide for easy soldering or prevent rusting or corrosion.

PLUG: A connector assembly containing male contacts.

POLARIZATION: A mechanical arrangement of inserts and/or shell configuration which prohibits the mating of mismatched plugs and receptacles. This is to allow connectors of the same size to be mated with no danger of making the wrong connection. Coded arrangements of contacts, keys, keyways, and insert position are common polarization techniques.

POTTING: Sealing by filling with a substance to exclude moisture.

Q

QPL: Abbreviation for Qualified Parts List.

R

READOUT: A term used with printed circuit edge connectors. Each contact position may have a single termination to one or both sides of the PC board, or a double readout (two termination) which will connect to traces on both sides of the board.

REMOVABLE CONTACT: A contact that can be mechanically inserted into and/or removed from an insulator. Usually, special tools are required to lock the contact in place or remove it for repair or replacement.

RFI: Abbreviation for Radio Frequency Interference.

RIBBON CABLE: Flat cable of round conductors that have been individually insulated and bonded, extruded, laminated or woven together.

S

SERVICE RATING: The maximum voltage or current which a connector is designed to carry continuously.

SOCKET: A connector assembly containing female contacts.

SOCKET CONTACT: A type of female contact, cylindrical in shape.

SOLDER CUP: The hollow cylinder at the rear of a solder contact where a wire is inserted and soldered in place.

SOLDER-EYE A solder type terminal provided with a hole at its end through which a wire can be inserted prior to being soldered. A ring shaped contact termination of a printed circuit connector for the same purpose.

SOLDERLESS CONTACT: See Crimp Contact.

SPADE CONTACT: A contact with a forkshaped female element designed to mate with a spade-shaped male element.

STAMPED CONTACTS: Contacts made by stamping and bending sheet metal rather than by the machining of metal stock. They are available in a wide variety of configurations and are usually less expensive than machined contacts.

SURFACE MOUNT: The electrical connection of components to the surface of a PC board without using plated through holes.

T

THERMOPLASTIC: A type of plastic which can be remelted a number of times without any important change in properties. Example: Nylon, Polyester, Polycarbonate and PVC are thermoplastic plastics. Such plastics are resilient after molding.

THERMOSETTING PLASTIC: A type of plastic in which an irreversible chemical reaction takes place while it is being molded under heat and pressure. This type of plastic cannot be reheated or softened without adversely affecting its properties. Example: Phenolic, Melamine, and Diallyl-Phthalate are thermosetting plastics.

TUNING-FORK CONTACT: A U-shaped female contact, either stamped or formed, so called because it resembles a tuning fork.

TWIST PIN CONTACT: High reliability contact pin which provides electrical continuity under extremes of shock and vibration. The pin is a spring element contact constructed by wrapping seven strands of wire around three and welding the tip.

U

UL: Abbreviation for Underwriter's Laboratories, Inc.

V

VDE: Abbreviation for Verband Deutscher Electronika; the German/European equivalent to UL.

VG: German equivalent to the U.S. Defense/Military Standard (MIL-STD).

W

WIPING ACTION: The action which occurs when contacts are mated with a sliding action. Wiping has the effect of removing small amounts of contamination from the contact surfaces, thus establishing better electrical conductivity.

WIRE WRAP: Method of connecting a solid wire to a square, rectangular or V-shaped terminal by tightly wrapping or winding it with a special automatic or hand-operated tool.

WITHDRAWAL FORCE: Force per contact, required to separate connector contacts, generally considered to be 1/2 ounce minimum.

WITHSTANDING VOLTAGE: Test voltage which an electrical connector shall withstand for one minute without showing evidence of electrical breakdown when the voltage is applied between conductors and grounding devices of the connector.

WORKING VOLTAGE: The maximum recommended voltage for continuous use. It is usually well below the test or dielectric withstanding voltage so as to provide a safety factor for transient voltages.

Z

ZERO INSERTION FORCE (ZIF) CONNECTOR: A connector in which the contact surfaces do not mechanically touch until it is completely mated, thus requiring no insertion force. After mating, the contacts are actuated in some fashion to make electrical contact.

PRODUCT SELECTION SECTION

SOCKETS, EDGE CARD PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		Insulator		Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type	EMI	DWV (KV)				
1 ROW, SINGLE READOUT, PITCH .100" (2.54mm)										
1	SLOT EDGE	A					PLYR			
2	6100-0		ST			2.30		11,12,17,18 Contacts	CCC13	OR20m
3	88036		ST	Fing			THPL	Contact Plating Au or Sn,20,30,40 Contacts,With or Without Mounting Ears		OR17m 29R54
4	SLOT EDGE	C					PLYR			OR20n
5	245	A		Othr		2.00	THPL	Force 2-10oz In/Out, Accepts .054-.070in PCB, 1-30 Pin Config Available	EDAC01	OR13i
6	340	A		Othr		2.00	DAP	Force 10oz In/2oz Out, 5,8,10,13,17,20,25,30 Pin Config Available	EDAC01	OR13k
7	SLOT EDGE	D					PLYR			OR20o
8	SLOT EDGE	E					PLYR			OR20p
9	EGT	B	ST	Fing		1.00	PBT	Force 10oz INS, .54oz SEP per Contact, W/Without Polarized Key		39R3
10	ETBH	C				.600	PLYR	Flush Mntng w/.125 Dia Hex,w/wo Notched Ears,Low Mntng,6-50 Contacts	BDY22	OR17a
11	ETBH	D				.600	PLYR	Flush Mounting for Right Angle,6-50 Contacts	BDY22	OR18a
12	PWBH	C				.600	PLYR	Flush Mntng w/.125 Dia Hex,w/wo Notched Ears,Low Mntng,6-50 Contacts	BDY22	OR17a
13	PWBH	D				.600	PLYR	Flush Mounting for Right Angle,6-50 Contacts	BDY22	OR18a
14	6121		ST	Fing		2.30	DAP	Mounting Options Available	CCC05	OR17g
15	GS20	A		Fing		.650	PBT	8,10,15,18,22,25,28,30,35,36,40,43,50 Contacts		OR13s
16	342	A		Othr		2.00	DAP	Force 10oz In/1oz Out, 10,13,18,19,25,31,36,37,43,49,50 Pin Available	EDAC01	OR17t
17	392	A		Othr		2.00	PHEN	Force 10oz In/1oz Out, 10,13,18,19,25,31,36,37,43,49,50 Pin	EDAC01	OR17t
18	341	A		Othr		1.00	DAP	Force 8oz In/1oz Out, 6,10,18,22,28,36,50,60 Pin Config Available	EDAC01	OR17v
19	391	A		Othr		1.00	PHEN	Force 8oz In/1oz Out, 6,10,18,22,28,36,50,60 Pin Config Available	EDAC01	OR17v
20	EZC	A	ST	Othr		.600	PBT	Lo Profile, Force 16oz INS, 1oz SEP,Add'l Attributes, See Mfr Number Ke	SUL01	47R1
21	EZC	B	90	Othr		.600	PBT	Lo Profile, Force 16oz INS, 1oz SEP,Add'l Attributes, See Mfr Number Ke	SUL01	47R1
22	53-10		ST	Fing		1.00	PBT	10,16,20,26,30,34,40,44,50,60 Contacts	WCH08	14R25
23	345	A		Othr		2.00	DAP	36 Pin Var. Available, See Mfr Number Key Section for Exact Var. Avail.	EDAC02	OR17u
24	395	A		Othr		2.00	PHEN	36 Pin Var. Available, See Mfr Number Key Section for Exact Var. Avail.	EDAC02	OR17u
25	EZC	A		Othr		1.80	DAP	Force 2-12oz INS/SEP, Au or Sn Plating,See Mfr Dwg for Number of Contact	COMC01	0G01
26	EZC	B		Othr		1.00	DAP	Force 2-12oz INS/SEP, Au or Sn Plating,See Mfr Dwg for Number of Contact	COMC01	0G01
27	EZC	E	ST	Othr		.600	PBT	Hi Profile, Force 16oz INS, 1oz SEP,Add'l Attributes, See Mfr Number Ke	SUL01	47R2
28	EZC	F	90	Othr		.600	PBT	Hi Profile, Force 16oz INS, 1oz SEP,Add'l Attributes, See Mfr Number Ke	SUL01	47R2
29	ECD	A		Othr		1.13	DAP	Force 10oz INS, 1oz SEP per Contact		39R6
30	VMA3		ST	Brkt			PLYR		VKC15	5R6
31	ASEBC	A	ST			.500		20,40,44,50,56,60,70,72,80,86,100,110,120,130,140 Contacts	ASLH8	86H5
32	ASEBC	B	ST			.500		20,40,44,50,56,60,70,72,80,86,100,110,120,130,140 Contacts	ASLH8	86H5
33	EPT	B	ST	Fing		1.00	PBT	Force 9.75oz INS, .75oz SEP		39R4
1 ROW, SINGLE READOUT, PITCH .156" (3.95mm)										
34	2184	A				1.00	NYL	6,9,10 Contacts, Au or Sn Plating		38R19
35	2184	B				1.00	NYL	6,9,10 Contacts, Au or Sn Plating		38R19
36	4484	A				1.00	NYL	10,12,15 Contacts, W/Wo Mounting Flange		38R21
37	4484	B				1.00	NYL	10,12,15 Contacts, W/Wo Mounting Flange		38R21
38	324	A		Inst		1.00	DAP	Force 16oz In/2oz Out,Extended Card Guide,PC Tab,Slidr Hole,Wire Wrap Pin	EDAC01	26R02
39	6422					1.00	NYL	3,5,6,9,10,12,15,21 Contacts,Au or Sn Plating,Bifurcated Contacts Optn'l		38R24
40	133			Fing		.600	DAP	6,10,12,15,18,22 Contacts	AAP4	OR18e
41	PCB3S		ST	Fing		2.00	PLYR	Contact Plating Au or Sn,10,15,18,22 Contacts	ACP04	65R3
42	WK-S		ST	Fing			PLYR	10,12,15,18,22 Contacts		OR15k
43	207	A		Othr		2.00	THPL	Force 2-16oz In/Out,1 or 2 Sided Card Edge Read,PC Tab and Wire Wrap Pin	EDAC01	OR17z
44	322	A		Inst		1.00	PLCB	Force 16oz In/2oz Out,Extended Card Guide,PC Tab,Slidr Hole,Wire Wrap Pin	EDAC01	26R01
45	41	N				1.00	PBT	6,10,12,15,22 Pin Solderin or Pierced Eyelet TerminalsSingle Readout		116R4
46	EC-103	B	ST	Fing		.850	DAP		VKC08	OR17av
47	AB Series		ST	Fing		1.00	OPT	6,10,15,18,22 Contacts	VKC08	OR15i
48	AK Series		ST	Fing		1.00	OPT	6,10,15,18,22 Contacts	VKC08	OR15i
49	MTA-156	A	ST	Fing			PLYR	3,6,9,12,15,18,20-24 Contacts,Closed End,26,24,22,20 and 18 AWG Wire Siz		29R3
50	MTA-156	B	ST	Fing			PLYR	3,6,9,12,15,18,20-24 Contacts,Feed-Thru,26,24,22,20 and 18AWG Wire Siz		29R3
51	640133		ST	Fing			PBT	6-12,14,15,17,18,20,22,23,24 Contacts,With/Without Mounting Flange		29R63
52	640134		ST	Fing			PBT	6-12,14,15,17,18,20,22,23,24 Contacts,With/Without Mounting Flange		29R64
53	640136	A	ST	Fing			PBT	Contact Plating Au or Sn,2-12,14,15,16,18,20,22,23,24 Contacts		29R65
54	640136	B	ST	Fing			PBT	Contact Plating Au or Sn,2-12,14,15,16,18,20,22,23,24 Contacts		29R65
55	640136	C	ST	Fing			PBT	Contact Plating Au or Sn,2-12,14,15,16,18,20,22,23,24 Contacts		29R65
56	179	A		Othr		.600	DAP	6,8,10,12,15,18,22,24 Contacts, Gold, Tin, Bright ACID Solder Plating	MEI03	64R5
57	1796					1.00	NYL	6,9,12,15,18,21,22,24 Bras or PBz Contacts, Au or Sn Plating		38R22
58	2574					1.00	NYL	3,4,5,6,7,8,9,10,12,15,16,17,18,19,20,21,22,24 Contacts, Au or Sn Platin		38R23
59	2690	A				1.00	NYL	With or Without Mounting Flange		38R21
60	2690	B				1.00	NYL	With or Without Mounting Flange		38R21
61	237	A		Othr		2.00	THPL	Force 2-10oz In/Out, Accepts .054-.070in PCB, PC Tab and Wire Wrap Pins	EDAC01	OR17aa
62	50-6A		ST	Fing		1.00	DAP	6,10,12,15,18,22,25 Contacts		24R18
63	50-6SN		ST	Fing		1.00	PLYR	6,10,12,15,18,22,24,25 Contacts		24R12
64	530073		ST	Fing			NYL	Contact Plating Au or Sn,8,10,30 Contacts,One Row Loaded		OR13ac
65	582761	B	ST	Fing			PHEN	Contact Plating Au or Sn,8,15,18,22,30 Contacts,One Row Loaded		OR13aa
66	310	A		Othr		2.00	DAP	Force 16oz In/2oz Out,1 or 2 Sided Card Read,PC Tab,Slidr Hole,Wire Wrap	EDAC01	OR17ae
67	8B		ST	Fing		1.80	PHEN	6,10,12,15,18,22,28,30 Contacts,See No. Key For Other Termination Styles	WCH39	14R29
68	8B3		ST	Fing		1.00	PHEN	6,10,12,15,18,22,28,30 Contacts,See No. Key For Other Termination Styles	WCH39	14R29
69	EYD	B	ST	Fing		1.00	DAP	Force 8oz INS, 2oz SEP per Pole		39R1
70	225-2			Fing		.600	PHEN	6,10,15,18,22,25,28,36,43 Folded Ribbon Bridged Contacts	AAP2	OR17ak
71	PCB1B		90	Fing		3.00	PLYR	Contact Plating Au or Sn,6,8,10,12,15,16,18,22,24,28,30,32,36,43 Contact	ACP04	65R2
72	PCB2B		ST	Fing		3.00	PLYR	Contact Plating Au or Sn,6,8,9,10,12,15,16,18,22,24,28,30,32,36,43 Cnts	ACP04	65R4
73	DZM	A		Othr		1.00	DAP	Force 2-12oz INS/SEP, Au or Sn Plating,See Mfr Dwg for Number of Contact	COMC02	0G01
74	DZM	B		Othr		1.00	DAP	Force 2-12oz INS/SEP, Au or Sn Plating,See Mfr Dwg for Number of Contact	COMC02	0G01
75	EZM	A		Othr		1.00	DAP	Force 2-12oz INS/SEP, Au or Sn Plating,See Mfr Dwg for Number of Contact	COMC01	0G01
76	EZM	B		Othr		1.00	DAP	Force 2-12oz INS/SEP, Au or Sn Plating,See Mfr Dwg for Number of Contact	COMC01	0G01
77	333	A		Othr		2.00	DAP	Force 10oz In/1oz Out,Accepts .054-.070in PCB,PC Tab,Slidr Post,Wire Wrap	EDAC01	OR17af
78	336	A		Othr		2.00	DAP	Force 10oz In/1oz Out,15,28,22,25,28,36,43Contacts,PC Tab,Wire Wrap Pins	EDAC01	OR13r
79	337	A		Othr		2.00	DAP	Force 10oz In/2oz Out,Accepts .054-.070in PCB,PC Tab,Slidr Post,Wire Wrap	EDAC01	OR17ag
80	387	A		Othr		2.00	PHEN	Force 10oz In/2oz Out,Accepts .054-.070in PCB,PC Tab,Slidr Post,Wire Wrap	EDAC01	OR17ag
81	EZM	A	ST	Othr		1.00	PBT	Lo Profile, Force 16oz INS, 1oz SEP,Add'l Attributes, See Mfr Number Ke	SUL01	47R7
82	EZM	D	90	Othr		1.00	PBT	Lo Profile, Force 16oz INS, 1oz SEP,Add'l Attributes, See Mfr Number Ke	SUL01	47R7
83	EZM	F	90	Othr		1.00	PBT	Hi Profile, Force 16oz INS, 1oz SEP,Add'l Attributes, See Mfr Number Ke	SUL01	47R8
84	EZM	H	90	Othr		1.00	PBT	Hi Profile, Force 16oz INS, 1oz SEP,Add'l Attributes, See Mfr Number Ke	SUL01	47R8
85	EZM	L	ST	Othr		1.00	PBT	Lo Profile, Force 16oz INS, 1oz SEP,Add'l Attributes, See Mfr Number Ke	SUL01	47R10

SOCKETS, EDGE CARD PRODUCT SELECTION

Line No.	D.A.T.A. Mfr. Code	Type Identification	Variation	Approvals							Contact							Contact Termination																					
				CSA	IEC	MIL	UL	VG	VDE	Other	Number (Range)	Option	Type	Entry	Resistance (mOhm)	Current (Amp)	Material	Plating	Angle	Crimp	Cup	IDC	Loop	Post	Press Fit	Screw	Quick	Spring	Surface	Turret	Wrap	Other							
1 ROW, SINGLE READOUT, PITCH .156" (3.95mm) (Cont'd)																																							
1	SUL	EZM	O							28-43		Bellow		10	3.0	PBrz	Au	90																					
2	EDAC	307	A							6-44		Spring		6.0	5.0	PBrz	Au	ST																					
3	EDAC	308	A							6-44		Spring			5.0	PBrz	Sn	ST																					
4	EDAC	357	A							6-44		Spring		6.0	5.0	PBrz	Au	ST																					
5	SUL	EZM	J							10-50		Spring Bellow		10	3.0	PBrz	Au	ST																					
1 ROW, SINGLE READOUT, PITCH MISC.																																							
6	HRSJ	HIF5								0		Spring		15	1.0	Cu	Au	ST																					
7	BDY	PCS								2-6		Spring		20	5.0	Bras	Sn	ST																					
8	RSCB	466								8-16		Socket		5.0	5.0	Au	Au	ST																					
9	EDAC	384								18		Spring		6.0	5.0	PBrz	Au	ST																					
10	EDAC	329	A							20		Cantil		6.0	3.0	CDA	Au	ST																					
11	EDAC	379	A							20		Cantil		6.0	3.0	CDA	Au	ST																					
12	MLX	6345								2-24		Cantil		20	2.5	O	ST																						
13	EDAC	246	A							6-25		Cantil		6.0	3.0	CDA	Au	ST																					
14	ACP	PCB7A								6-26		Fork		2.2	7.0	PBrz	O	ST																					
15	EDAC	349	A							27		Cantil		6.0	5.0	CDA	Au	ST																					
16	EDAC	349	C							27		Cantil		6.0	5.0	CDA	Au	90																					
17	EDAC	399	A							27		Cantil		6.0	5.0	CDA	Au	ST																					
18	EDAC	399	C							27		Cantil		6.0	5.0	CDA	Au	90																					
19	ACP	PSB3K								6-28		Fork		5.0	1.0	PBrz	O	ST																					
20	ACP	PSB4K								6-28		Fork		5.0	1.0	PBrz	O	45																					
21	SUL	EZJ	A							18-31		Bellow		10	3.0	PBrz	Au	ST																					
22	ACP	PCB1A								12-36		Fork		6.0	1.0	PBrz	Au	ST																					
23	FERS	EWD	B							40		Cantil		7.0	3.0	Au	Au	ST																					
24	ACP	PCB3A								6-44		Fork		6.0	1.0	PBrz	O	ST																					
25	FERS	EUD	A							3-45		Cantil		10	3.0	PBrz	Au	ST																					
26	FERS	EUT200	B							3-45		Spring		10	3.0	PBrz	Au	ST																					
27	BDY	PF	A							22-50		Cantil		30	5.0	PBrz	Au	ST																					
28	COMC	EZA	A							6-50		Bellow		6.0	3.0	O	ST																						
29	COMC	EZA	B							6-50		Bellow		6.0	3.0	O	90																						
30	EDAC	346	A							6-50		Cantil		6.0	3.0	CDA	Au	ST																					
31	EDAC	396	A							6-50		Cantil		6.0	3.0	CDA	Au	ST																					
32	SUL	EZA	A							6-50		Bellow		10	3.0	PBrz	Au	ST																					
33	SUL	EZA	B							6-50		Bellow		10	3.0	PBrz	Au	90																					
34	SUL	EZA	E							6-50		Bellow		10	3.0	PBrz	Au	ST																					
35	SUL	EZA	F							6-50		Bellow		10	3.0	PBrz	Au	90																					
36	SUL	EZA	I							12-50		Bellow		10	3.0	Cu	Au	ST																					
37	FERS	ENT100	A							5-90		Spring		20	2.0	NiAg	Au	ST																					
38	FERS	EXT100	A							5-90		Spring		10	3.0	PBrz	Au	ST																					
39	FERS	EZD100	A							5-90		Spring		10	3.0	PBrz	Au	ST																					
2 ROWS, SINGLE READOUT, PITCH .100" (2.54mm)																																							
40	AAP	842-807								10-60		Cantil	C		1.0	BeCu	Au	ST																					
41	LUM	2,54 RF								3-61		Fork		3.0	5.0	PBrz	Sn	ST																					
42	LUM	2,54 RFL								3-61		Fork		3.0	5.0	PBrz	Sn	ST																					
43	LUM	2,54 UF								3-61		Fork		3.0	5.0	PBrz	Sn	ST																					
44	LUM	2,54 UFL								3-61		Fork		3.0	5.0	PBrz	Sn	ST																					
45	LUM	2,54 R								3-63		Fork		3.0	5.0	PBrz	Sn	ST																					
46	LUM	2,54 U								3-63		Fork		3.0	5.0	PBrz	Sn	ST																					
47	CCC	K600	A							20-100		Bellow			5.0	BeCu	Au	ST																					
2 ROWS, SINGLE READOUT, PITCH .156" (3.95mm)																																							
48	EDAC	321	A							15		Cantil		6.0	5.0	PBrz	Au	ST																					
49	EDAC	330	A							15		Spring		6.0	5.0	PBrz	Au	ST																					
50	DEI	EBT156	A							6-22		Fork			5.0	Cu	O	ST																					
51	DEI	EBT156	B							6-22		Fork			5.0	Cu	O	90																					
52	DEI	EB7	A							6-22		Bellow			5.0	PBrz	Au	ST																					
53	EDAC	338	A							10-22		Cantil		6.0	6.0	PBrz	Au	ST																					
54	MEI	179	B							6-24		Fork		6.0	5.0	Cu	O	90																					
55	MEI	180	C							6-24		Bellow		6.0	5.0	Bras	O	ST																					
56	MEI	180	D							6-24		Bellow		6.0	5.0	PBrz	O	ST																					
57	MEI	279	A																																				

SOCKETS, EDGE CARD PRODUCT SELECTION

Line No.	Type Identification	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number	
		Variation	Angle	Type	EMI	DWV (KV)					Material
1 ROW, SINGLE READOUT, PITCH .156" (3.95mm) (Cont'd)											
1	EZM	O	90	Othr		1.00	PBT	O	Lo Profile, Force 16oz INS, 1oz SEP, Add'l Attributes, See Mfr Number Ke	SUL01	47R10
2	307	A		Othr		2.00	DAP	Y	Force 16oz In/2oz Out, 1 or 2 Sided Card Edge Read, PC Tab and Wire Wrap	EDAC01	0R17ad
3	308	A		Othr		2.00	PHEN	Y	Force 16oz In/2oz Out, 1 or 2 Sided Card Read, PC Tab, Sldr Hole, Wire Wra	EDAC01	0R17ad
4	357	A		Othr		2.00	PHEN	Y	Force 16oz In/2oz Out 1 or 2 Sided Card Read, PC Tab, Sldr Hole, Wire Wrap	EDAC01	0R17ad
5	EZM	J	ST	Othr		1.00	PBT	O	Hi Profile, Force 16oz INS, 1oz SEP, Add'l Attributes, See Mfr Number Ke	SUL01	47R9
1 ROW, SINGLE READOUT, PITCH MISC.											
6	HIF5		ST	Fing		.600	PBT		With or Without Mounting Ears, Drilled or Slotted		
7	PCS		ST			1.20	PLYR	O	2,4,5,6 Contacts, ZIF 1.5lb Retention		44R9
8	466					3.50		Y	Ins. 208 oz., Sep. 144oz., 8,12,16 Contacts		0R17q
9	384			Othr		2.00	PHEN	Y	Force 16oz In/2oz Out, .213, .282, .708in Pin Length, PC Tab and Wire Wrap	EDAC01	0R17w
10	329	A		Fing		2.00	DAP		Force 10oz In/2oz Out, Accepts .054-.070in PCB, PC Tab, Sldr Hole, Wire Wrap	EDAC01	0R17ah
11	379	A		Fing		2.00	PHEN		Force 10oz In/2oz Out, Accepts .054-.070in PCB, PC Tab, Sldr Hole, Wire Wrap	EDAC01	0R17ah
12	6345		ST			1.50	PLAS		Mating With Headers Not Recommended		10R2
13	246	A		Othr		1.00	THPL	Y	Force 2-10oz In/Out, 6,7,10,15,18,22,24,25 Pin Config Available	EDAC01	0R17x
14	PCB7A		ST	Fing		3.20	PLYR	Y	Contact Plating Au or Sn, 6,8,10,12,14,16,18,20,22,24,26 Contacts	ACP04	65R8
15	349	A		Othr		1.00	DAP		Force 10oz In/1oz Out, Accepts .054-.070in PCB, PC Tab and Wire Wrap Pin	EDAC01	0R13l
16	349	C		Othr		1.00	DAP		Force 10oz In/1oz Out, Accepts .054-.070in PCB, PC Tab and Wire Wrap Pin	EDAC01	0R13l
17	399	A		Othr		1.00	PHEN		Force 10oz In/1oz Out, Accepts .054-.070in PCB, PC Tab and Wire Wrap Pin	EDAC01	0R13l
18	399	C		Othr		1.00	PHEN		Force 10oz In/1oz Out, Accepts .054-.070in PCB, PC Tab and Wire Wrap Pin	EDAC01	0R13l
19	PSB3K		ST	Fing		3.00	NOR	Y	Contact Plating Au or Sn, 6,8,10,12,14,16,18,20,22,24,26,28 Contacts	ACP05	65R15a
20	PSB4K		ST	Fing		3.00	NOR	Y	Contact Plating Au or Sn, 6,8,10,12,14,16,18,20,22,24,26,28 Contacts	ACP05	65R15b
21	EZJ	A	ST	Othr		1.00	PBT	O	Hi Profile, Force 16oz Ins, 1oz SEP, Add'l Attributes, See Mfr Number Ke	SUL01	47R6
22	PCB1A		90	Fing		3.00	PLYR	Y	Contact Plating Au or Sn, 12,18,24,30,36 Contacts	ACP04	65R1
23	EWD	B	ST	Fing		1.00	DAP	Y	Force 8oz INS, 2oz SEP per Pole		39R2
24	PCB3A		ST	Fing		3.00	PLYR	Y	Contact Plating Au or Sn, 6,8,10,12,15,16,18,20,22,24,30,32,34,36,44 Cnt	ACP04	65R5
25	EUD	A	ST	Othr		1.00	DAP		Force 8oz INS, 1oz SEP per Contact		39R5
26	EUT200	B	ST	Fing		.450	PLYR	Y	Force 4oz INS, 1oz SEP per Contact		39R5
27	PF	A					THPL		22,28,31,36,40,44,50 Contacts, Term. Lengths 4.44mm, 9.52mm, 14.2mm and 19m	BDY23	0R13a
28	EZA	A		Othr		1.00	DAP	O	Force 2-12oz INS/SEP, Au or Sn Plating, See Mfr Dwg for Number of Contact	COMC01	0G01
29	EZA	B		Othr		1.00	DAP	O	Force 2-12oz INS/SEP, Au or Sn Plating, See Mfr Dwg for Number of Contact	COMC01	0G01
30	346	A		Othr		1.00	DAP	Y	6,7,10,15,18,22,24,25,28,30,31,35,36,40,43,50 Pin Config Available	EDAC01	0R17y
31	396	A		Othr		1.00	PHEN	Y	6,7,10,15,18,22,24,25,28,30,31,35,36,40,43,50 Pin Config Available	EDAC01	0R17y
32	EZA	A	ST	Othr		.800	PBT	O	Lo Profile, Force 16oz INS, 1oz SEP, Add'l Attributes, See Mfr Number Ke	SUL01	47R3
33	EZA	B	90	Othr		.800	PBT	O	Lo Profile, Force 16oz INS, 1oz SEP, Add'l Attributes, See Mfr Number Ke	SUL01	47R3
34	EZA	E	ST	Othr		.800	PBT	O	Hi Profile, Force 16oz INS, 1oz SEP, Add'l Attributes, See Mfr Number Ke	SUL01	47R4
35	EZA	F	90	Othr		.800	PBT	O	Hi Profile, Force 16oz INS, 1oz SEP, Add'l Attributes, See Mfr Number Ke	SUL01	47R4
36	EZA	I	ST	Othr		.800	PBT	O	Hi Profile, Force 16oz Ins. 1oz SEP, Add'l Attributes, See Mfr Number Ke	SUL01	47R5
37	ENT100	A	ST	Fing		.450	THPL	Y	Force 10oz INS, 1oz SEP per Contact Pair		39R6
38	EXT100	A	ST	Fing		.450	THPL	Y	Force 4oz INS, 1oz SEP per Contact		39R6
39	EZD100	A	ST	Fing		.450	DAP	Y	Force 4oz INS, 1oz SEP per Contact		39R6
2 ROWS, SINGLE READOUT, PITCH .100" (2.54mm)											
40	842-807			Othr		.500	THPL	Y	10,20,26,34,40,50,60 Contacts, No Ears Slot and Thru Hold Mounting		0R12i
41	2,54 RF		ST	Fing		2.50	NOR		3-61 Contacts, With Flange		63R14
42	2,54 RFL		90	Fing		2.50	NOR		3-61 Contacts, With Flange		63R16
43	2,54 UF		ST	Fing		2.50	NOR		3-61 Contacts, With Flange		63R14
44	2,54 UFL		90	Fing		2.50	NOR		3-61 Contacts, With Flange		63R16
45	2,54 R					2.50	NOR		3-63 Contacts, Without Flange		63R12
46	2,54 U					2.50	NOR		3-63 Contacts, Without Flange		63R12
47	K600	A	ST	Fing		2.30	DAP		20,30,38,52,54,58,66,70,72,80,86,100 Contacts, Choice of Term.Length/Moun	CCC04	
2 ROWS, SINGLE READOUT, PITCH .156" (3.95mm)											
48	321	A		Fing		1.00	DAP	Y	Force 16oz In/2oz Out, Single or Double Cantilever Contacts, Bifurcated	EDAC01	0R13p
49	330	A		Inst		1.00	DAP	Y	Force 16oz In/2oz Out, Extended Card Guide, PC Tab, Sldr Hole, Wire Wrap Pin	EDAC01	26R03
50	EBT156	A	ST	Inst		1.00	PHEN	Y	6,10,12,15,18,22 Contacts, See Mfr Number Key for Options	DEI06	42R7
51	EBT156	B	90	Inst		1.00	PHEN	Y	6,10,12,15,18,22 Contacts, See Mfr Number Key for Options	DEI06	42R7
52	EB7	A		Othr		1.00	OPT	Y	6,10,12,15,18,22 Contacts, See Mfr Number Key for Options	DEI03	42R4
53	338	A		Othr		1.00	DAP	Y	Force 16oz In/2oz Out, 10,15,18,22 Contacts, Wire Wrap Pins, Bifurcated	EDAC01	0R17z
54	179	B				.600	DAP	Y	6,8,10,12,15,18,22,24 Contacts, Gold, Tin, Bright ACID Solder Plating	MEI03	64R5
55	180	C	ST	Fing		.600	DAP	Y	6,8,10,12,15,18,22,24 Contacts Single Readout, See Mfr Number Key	MEI04	64R6
56	180	D	ST	Fing		.600	PHEN	Y	6,8,10,12,15,18,22,24 Contacts Single Readout, See Mfr Number Key	MEI04	64R6
57	279	A				.600	PHEN	Y	6,8,10,12,15,18,22,24 Contacts, See Mfr Number Key for Options	MEI03	64R5
58	279	B	ST	Othr		.600	PHEN	Y	6,8,10,12,15,18,22,24 Contacts, See Mfr Number Key for Options	MEI03	64R5
59	EC-103	A	ST	Fing		.850	DAP	Y	6,8,10,12,15,18,22,24 Contacts, See Mfr Number Key for Options	MEI03	0R17av
60	143	A		Fing		.600	DAP	Y	6,10,12,15,18,22,28,36 Contacts	AAP4	0R17al
61	143	B		Fing		.600	DAP	Y	6,10,12,15,18,22,28,36 Contacts	AAP4	0R17al
62	CE SERIES			Othr		1.00	PHEN	Y	6,10,12,15,18,22,28,36 Contacts, Au or Sn Plating	EBY10	41R8
63	3,96 RF		ST	Fing		2.50	NOR		3-40 Contacts, With Flange		63R9
64	3,96 RFL		90	Fing		2.50	NOR		3-40 Contacts, With Flange		63R10
65	3,96 UF		ST	Fing		2.50	NOR		3-40 Contacts, With Flange		63R9
66	3,96 UFL		90	Fing		2.50	NOR		3-40 Contacts, With Flange		63R10
67	3,96 R					2.50	NOR		3-42 Contacts, Without Flange		63R8
68	3,96 U					2.50	NOR		3-42 Contacts, Without Flange		63R7
69	DZM	C		Othr		1.00	DAP	O	Force 2-12oz INS/SEP, Au or Sn Plating, See Mfr Dwg for Number of Contact	COMC02	0G01
70	306	A		Othr		2.00	DAP	Y	Force 16oz In/2oz Out, Accepts .054-.070in PCB, PC Tab and Sldr Hole Pin	EDAC01	0R17ac
71	306	B		Othr		2.00	PHEN	Y	Force 16oz In/2oz Out, Accepts .054-.070in PCB, PC Tab and Sldr Hole Pin	EDAC01	0R17ac
72	309			Othr		2.00	PHEN	Y	Force 2-16oz In/Out, Bifurcated, Center Readout, PC Tab and Sldr Hole Pins	EDAC01	0R17ac
73	316			Othr		2.00	DAP	Y	Force 16oz In/2oz Out, Bifurcated, Center Read, PC Tab and Sldr Hole Pins	EDAC01	0R17ac
74	317	A		Othr		1.00	DAP	Y	18,22,25,30,36,43 Pins, Single or Double Cantilever Contacts, Bifurcated	EDAC01	0R13co
75	323	A		Othr		1.00	PLCB	Y	Force 16oz In/2oz Out, Double Cantilever Contacts, Bifurcated	EDAC01	0R13q
76	356	A		Othr		2.00	DAP	Y	Force 16oz In/2oz Out, Accepts .054-.070in PCB, PC Tab and Sldr Hole Pin	EDAC01	0R17ac
77	356	B		Othr		2.00	PHEN	Y	Force 16oz In/2oz Out, Accepts .054-.070in PCB, PC Tab and Sldr Hole Pin	EDAC01	0R17ac
78	EZM	C	ST	Othr		1.00	PBT	O	Lo Profile, Force 16oz INS, 1oz SEP, Add'l Attributes, See Mfr Number Ke	SUL01	47R7
79	EZM	N	ST	Othr		1.00	PBT	O	Lo Profile, Force 16oz INS, 1oz SEP, Add'l Attributes, See Mfr Number Ke	SUL01	47R10

SOCKETS, EDGECARD PRODUCT SELECTION

Line No.	Type Identification	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number	
		Variation	Angle	Type	EMI	DWV (KV)					Material
2 ROWS, SINGLE READOUT, PITCH .156" (3.95mm) (Cont'd)											
1	04		ST	Fing		1.00	PBT	O	Ref Drawing For Contact Arrangements, Flush Mount, Min Norm Force 150grams 12,16,20,24,30,36,44,48 Contacts Dual Readout, See Mfr Number Key 12,16,20,24,30,36,44,48 Contacts Dual Readout, See Mfr Number Key 12,20,24,30,36,44,50 Contacts 12,20,30,44,50,56,72,86 Folded Ribbon Contacts 12,20,30,36,44,56,72,86 Bifurcated Contacts, Qualified to MIL-C-21097 C/2 12,20,24,30,36,44,50,56,72,86 Contacts	TPI02	69R2b
2	180	A	ST	Fing		.600	DAP	Y		MEI04	64R6
3	180	B	ST	Fing		.600	PHEN	Y		MEI04	64R6
4	A2S		ST	Othr		.600	THPL	Y		HEC02	71R4
5	225-2	B	G	Fing		.600	PHEN	Y		AAP2	0R17ak
6	225-2	G		Fing		.600	DAP	Y		AAP3	0R17ak
7	C2	C	ST	Othr		1.00	THPL			HEC01	71R1
2 ROWS, SINGLE READOUT, PITCH MISC.											
8	243	A		Othr		1.00	PBT	Y	Force 16oz In/2oz Out, Accepts .054-.070in PCB, Available With Card Guides Vertical Stacking, Au or Sn Plating Vertical Stacking, Au or Sn Plating	EDAC01	26R06
9	13847			Fing		.200	PHEN	Y		AAP17	37R4
10	13848			Fing		.200	PHEN	Y	AAP17	37R4	
11	CLA-10	A	ST	Othr		1.00	PBT		4,6,10,12,15,18 Contacts, Au or Sn Plating, W/Wo Flange Heavy Duty Card Edge Terminal Connector 2-20 Contacts, Miniature, With Coding Key Facilities	MMM07	28R8
12	7040		ST	Fing		2.00	PBT			MMM07	46R4
13	2.5 MBX/D					2.00	PLCB	O		MMM07	63R4
14	CLA-10	B	ST	Fing		1.00	PBT		Au or Sn Plating 8,16,24 Contacts	MMM07	28R13
15	467	A									
16	15104	A	90			.300	THPL		6,8,10,12,14,16,18,20,22,24,26,28 Contacts, Au or Sn Plating		
17	15104	B	45			.300	THPL		6,8,10,12,14,16,18,20,22,24,26,28 Contacts, Au or Sn Plating		
18	EC-113	A	ST	Fing		.800	DAP	Y	18,22,25,28 Contacts		
19	EC-113	B	ST	Fing		.800	DAP	Y	18,22,25,28 Contacts		
20	5,08 R					2.50	NOR		3-32 Contacts, Without Flange		
21	5,08 U					2.50	NOR		3-32 Contacts, Without Flange		
22	5 R					2.50	NOR		3-33 Contacts, Without Flange		
23	5 U					2.50	NOR		3-33 Contacts, Without Flange		
24	13926		90	Fing		.200	PLYR	Y	11,17,23,24,29,35 Contacts, Insert/Withdrawal Force per MIL-C-21097		
25	CLA-20	B	ST	Fing		1.00	PBT		Au or Sn Plating		
26	553124		90	Fing	X		THPL	Y	24,36,50 Contacts, IEEE-488 1978, Application, Standard/Metric Hardware		
27	467-3						PLYR		20,26,34,40,50 Contacts		
28	FRE					1.00	THPL	Y	10,14,16,20,26,30,34,40,50,60 Contacts, With or Without Mounting Ears		
29	2,5 RF		ST	Fing		2.50	NOR		3-60 Contacts, With Flange		
30	2,5 RFL		90	Fing		2.50	NOR		3-60 Contacts, With Flange		
31	2,5 UF		ST	Fing		2.50	NOR		3-60 Contacts, With Flange		
32	2,5 UFL		90	Fing		2.50	NOR		3-60 Contacts, With Flange		
33	609 SERIES	L				.500	THPL	Y	10,16,20,26,34,40,44,50,56,60 Contacts		
34	2,5 R					2.50	NOR		3-62 Contacts, Without Flange		
35	2,5 U					2.50	NOR		3-62 Contacts, Without Flange		
36	ASCEF					.500		Y	10,16,20,26,30,34,40,50,60,64 Contacts, With Full Mounting Ear		
37	ASCEH					.500			10,16,20,26,30,34,40,50,60,64 Contacts, With Half Mounting Ear		
38	908-7	B	ST	Fing			PLYR	Y	Terminal Length 5.0, 8.0 and 13.0mm		
2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)											
39	CT1001						PBT	O	Force Ins=8oz Max, Sep=1oz Min, Tail Length Opt .060, .320, .580in Force Ins=8oz Max, Sep=1oz Min, Tail Length Opt .060, .320, .850in		0R21a
40	CT1002						PBT	O			
41	CSKV10	A	ST			1.00	PLYR		Flanged With Thru Hole for Panel Mounting		31R2
42	CSKV10	B	ST	Fing		1.00	PLYR		Flanged With Thru Hole for Panel Mounting		31R2
43	CSKV16	A	ST			1.00	PLYR		Flanged With Thru Hole for Panel Mounting		31R2
44	CSKV16	B	ST	Fing		1.00	PLYR		Flanged With Thru Hole for Panel Mounting		31R2
45	CSKV20	A	ST			1.00	PLYR		Flanged With Thru Hole for Panel Mounting		31R2
46	CSKV20	B	ST	Fing		1.00	PLYR		Flanged With Thru Hole for Panel Mounting		31R2
47	CSKV26	A	ST			1.00	PLYR		Flanged With Thru Hole for Panel Mounting		31R2
48	CSKV26	B	ST	Fing		1.00	PLYR		Flanged With Thru Hole for Panel Mounting		31R2
49	PB					.800	PLCB		15,22,30 contacts, Wire Sizes #28 through #20 for Crimp Contacts		0R16a
50	372	A	ST	Fing		.500	PLYR		10,12,13,15,17,18,20,22,25,30,31 Contacts, See Mfr Number Key for Option		MEI06
51	372	B				.500	PLYR		10,12,13,15,17,18,20,22,25,30,31 Contacts, See Mfr Number Key for Option		MEI06
52	50MC	A	ST			1.00	PBT		15,18,20,22,25,30,32 Contacts		64H1
53	CSKV34	A	ST			1.00	PLYR		15,18,20,22,25,30,32 Contacts		24R10
54	CSKV34	B	ST	Fing		1.00	PLYR		Flanged With Thru Hole for Panel Mounting		31R2
55	SLOT EDGE	B					PLYR		Flanged With Thru Hole for Panel Mounting		0R20m
56	PF		ST	Fing			PBT	Y	Contact Plating Au or Sn, 10,13,17,18,20,22,25,30,36 Contacts		KAM03
57	RF		ST	Fing			PBT	Y	Contact Plating Au or Sn, 10,13,17,18,20,22,25,30,36 Contacts		KAM04
58	CSKV40	A	ST			1.00	PLYR		Flanged With Thru Hole for Panel Mounting		0R12i
59	CSKV40	B	ST	Fing		1.00	PLYR		Flanged With Thru Hole for Panel Mounting		31R2
60	6300 SERIES		ST	Fing			PBT	Y	Contact Plating Au or Sn, 10,13,17,20,25,30,40 Contacts		KAM07
61	531025		ST	Fing			PLYR		15,18,22,28,36,43 Contacts, Rotary Cam ZIF Connector		0R12m
62	531408		ST	Fing			PLYR		15,18,22,28,36,43 Contacts, Rotary Cam ZIF Connector		29R23
63	531631		ST	Fing			PLYR		15,18,22,28,36,43 Contacts, Rotary Cam ZIF Connector		29R24
64	532263		ST	Fing			PLYR		15,18,22,28,36,43 Contacts, Rotary Cam ZIF Connector		29R18
65	532557		ST	Fing			PLYR		15,18,22,28,36,43 Contacts, Rotary Cam ZIF Connector		29R18
66	EGT	A	ST	Fing		1.00	PBT	O	Force 10oz INS, .54oz SEP per Contact, W/Without Polarized Key		39R3
67	CSKV50	A	ST			1.00	PLYR		Flanged With Thru Hole for Panel Mounting		31R2
68	CSKV50	B	ST	Fing		1.00	PLYR		Flanged With Thru Hole for Panel Mounting		31R2
69	531023		ST	Fing			PLYR		18,22,28,30,36,40,43,50 Contacts, Rotary Cam ZIF Connector		29R21
70	531402		ST	Fing			PLYR		18,22,28,30,36,40,43,50 Contacts, Rotary Cam ZIF Connector		29R22
71	531422		ST	Fing			PLYR		18,22,28,30,36,40,43,50 Contacts, Rotary Cam ZIF Connector		29R22
72	532271		ST	Fing			PLYR		18,22,28,30,36,40,43,50 Contacts, Rotary Cam ZIF Connector		29R17
73	532555		ST	Fing			PLYR		18,22,28,30,36,40,43,50 Contacts, Rotary Cam ZIF Connector		29R17
74	583485		ST			1.00	NYL		3-50 Contacts, Without End Caps, Twin Leaf Connector		0R20f
75	583715		ST	Inst		1.00	NYL	Y	3-50 Contacts, With End Caps, Twin Leaf Connector		0R20b
76	583717		ST	Fing			NYL		6,7,10,14,15,17,18,22,25,28,30,40,50 Contacts, With/Without Mounting Ears		0R13ad
77	583900		ST	Fing			NYL		10,15,17,22,25,28,30,40,50 Contacts, With Mounting Ears		0R14c
78	FCC-170					.500	THPL	Y	10,20,26,34,40,50 Contacts, Sep.8oz, Molded Strain Relief Lip		0R5
79	MDR100					2.50	PBT		Force 8.4oz in/6.2oz out, Au, Sn, Ni Plating. End Cap, Open End Integ mt		CCP01
80	122		ST			.500	PBT		20,26,34,40,50 Contacts		102R1
81	FCN767E		ST	Fing		.500	PBT	O	20,26,34,50 Contacts		34R5
82	41	R				.650	PBT		15,30,50 Pin Wrap Square TermDual Readout		116R7

SOCKETS, EDGE CARD PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type	EMI	DWV (KV)	Material				
2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm) (Cont'd)											
1	41	S				.650	PBT		15,18,22,28,30,35,50 Pin Solder Dip Square Term,Dual Readout		116R7
2	2900		ST			1.00	PLYR		20,26,34,40,50 Contacts		0R12j
3	PR		ST	Fing			PBT	Y	Contact Plating Au or Sn,10,13,15,17,18,20,22,25,30,36,40,50 Contacts	KAM01	46P1
4	PS		ST	Fing			PBT	Y	Contact Plating Au or Sn,10,13,15,17,18,20,22,25,30,36,40,50 Contacts	KAM02	46P2
5	RC		ST	Fing			PBT	Y	Contact Plating Au or Sn,10,13,15,17,18,20,22,25,30,36,40,50 Contacts	KAM10	0R15b
6	RCR		ST	Fing			PBT	Y	Contact Plating Au or Sn,10,13,15,17,18,20,22,25,30,36,40,50 Contacts	KAM11	0R18g
7	SLOT EDGE	F					PLYR				0R20n
8	2541S		ST	Fing		.600	PLYR		20,26,34,40,50 Contacts, With/Without Strain Relief, See Mfr Number Key	LEOC04	56R16
9	50-30C		ST	Fing			DAP	O	15,22,36,40,43,50 Contacts		24R15
10	HWC		ST	Fing			DAP	O	22,25,30,35,36,43,48,50 Contacts	WCH07	14R22
11	HWPC		ST	Fing			DAP	O	20,25,30,36,40,43,50 Contacts	WCH07	14R24
12	CSKV60	A	ST			1.00	PLYR				31R2
13	CSKV60	B	ST	Fing		1.00	PLYR	Y	Flanged With Thru Hole for Panel Mounting		29R30
14	119216		ST				PLYR	Y	22,25,28,30,36,40,43,50,55,60 Contacts,Post Length 12.07,17.83 and 4.57m		29R29
15	119237		ST				PLYR	Y	25,35,40,43,50,60 Contacts,Post Length 12.07,17.83 and 4.57mm		
16	CA**IDEC		ST	Fing		.500	PLYR	Y	Contact Plating Au or Sn,10,16,20,26,34,40,50,60 Contacts,W or W/Out Ear	CAC07	0R12b
17	EB4	A		Othr		.650	OPT	Y	10,12,15,18,20,22,25,28,30,31,35,36,40,43,44,48,49,50,60 Contacts	DEI01	42R2
18	EB4	B		Othr		.650	OPT	Y	10,12,15,18,20,22,25,28,30,31,35,36,40,43,44,48,49,50,60 Contacts	DEI01	42R2
19	245	B		Othr		2.00	THPL	Y	Force 2-10oz In/Out, Accepts .054-.070in PCB,1-30 Pin x2 Config Availabl	EDAC01	0R13h
20	340	B		Othr		2.00	DAP	Y	Force 10oz In/2oz Out, 5,8,10,13,17,20,25,30 Pin x2 Config Available	EDAC01	0R13j
21	FCN767J	A				.500	PBT	O	10,16,20,26,30,34,40,50,60 Contacts		34R4
22	FCN767J	B				.500	PBT	O	10,16,20,26,30,34,40,50,60 Contacts		
23	LTE		ST	Fing		1.00	PBT	O			34R4
24	HIF5B		ST	Fing		.600	PLYR	Y	20,26,34,40,50,60 Contacts	FERS01	39R7
25	HIF5C		ST	Fing		.600	PLYR	Y	20,26,34,40,50,60 Contacts	HRS03	70R13
26	HIF5D		ST			.600	PLYR	Y	20,26,34,40,50,60 Contacts	HRS03	70R14
27	HIF5E		ST	Fing		.600	PLYR	Y	20,26,34,40,50,60 Contacts	HRS03	70R15
28	HIF5F		ST	Fing		.600	PLYR	Y	20,26,34,40,50,60 Contacts	HRS03	70R16
29	HIF5G		ST			.600	PLYR	Y	20,26,34,40,50,60 Contacts	HRS03	70R17
30	4400 SERIES		ST			.100	PLYR	Y	10,14,16,20,26,30,40,50,60 Bifurcated Contacts, Mates With 0.062 in PCB	HRS03	70R18
31	3000		ST				PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts	HTC4	0G01
32	CE		ST			.500	THPL		20,26,34,40,50,60 Contacts		0R22k
33	SLOT EDGE	G					PLYR			JHIC04	0R12k
34	EG3960					.500	PLYR		12,16,20,24,28,30,36,44,46,56,60 Contacts		0R20o
35	SCE-20					.500	PBT		10,14,16,20,24,26,30,34,40,50,60,64 Contacts		0G01
36	53-10		ST	Fing		1.00	PBT	O	10,16,20,26,34,40,50,60 Contacts	SCEC05	0R12e
37	MJ15C		ST				PBT		Ins./Sep. 8oz. per Contact Pair,C-Press Compliant Pin Termination	WCH02	14R2
38	NJ15A		ST				PBT		Ins./Sep. 8oz. per Contact Pair,C-Press Compliant Pin Termination	WCH04	14R4
39	SLOT EDGE	H					PLYR				0R20p
40	372	C	ST	Fing		.500	PLYR		20,24,26,30,34,36,40,44,50,60,62 Contacts, See Mfr Number Key for Option	MEI06	64H1
41	372	D	ST	Fing		.500	PLYR		20,24,26,30,34,36,40,44,50,60,62 Contacts, See Mfr Number Key for Option	MEI06	64H1
42	746426		ST	Fing			THPL	Y	10,14,16,20,24,26,30,34,40,44,50,60,64 Contacts,Single/Bifurcated Beam		0R12h
43	746427		ST	Fing			THPL	Y	10,14,16,20,24,26,30,34,40,44,50,60,64 Contacts,Single/Bifurcated Beam		0R12g
44	746428		ST	Fing			THPL	Y	10,14,16,20,24,26,30,34,40,44,50,60,64 Contacts,Single/Bifurcated Beam		0R12f
45	6874		ST	Fing		1.00	PLYR		10,14,16,20,26,34,40,50,60,64 Contacts, For .050in Ribbon Cable		38R17
46	FDS-12	A	ST	Fing		.700	PBT	O	20,26,30,34,40,50,60,64 Cntct. Without Strain Relief, Flanged Mounting	YEI06	97R8a
47	FDS-12	B	ST	Fing		.700	PBT	O	20,26,30,34,40,50,60,64 Cntct. Without Strain Relief, Flanged Mounting	YEI06	97R8a
48	FDS-13	A	ST	Fing		.700	PBT	O	20,26,30,34,40,50,60,64 Cntct. With Strain Relief, Flanged Mounting	YEI06	97R8b
49	FDS-13	B	ST	Fing		.700	PBT	O	20,26,30,34,40,50,60,64 Cntct. With Strain Relief, Flanged Mounting	YEI06	97R8b
50	531020		ST	Fing			PLYR		22,25,28,36,40,42,43,50,60,65 Contacts,Rotary Cam ZIF Connector		29R19
51	531396		ST	Fing			PLYR		22,25,28,36,40,42,43,50,60,65 Contacts,Rotary Cam ZIF Connector		29R20
52	532257		ST	Fing			PLYR		22,25,28,36,40,42,43,50,60,65 Contact,Rotary Cam ZIF Connector		29R16
53	532553		ST	Fing			PLYR		22,25,28,36,40,42,43,50,60,65 Contacts,Rotary Cam ZIF Connector		29R16
54	RCV		ST	Fing			PBT	Y	Cntct Plate Au,Sn,10,15,18,20,22,25,28,30,35,36,40,43,49,50,55,60,65 Cnt	KAM12	0R13ag
55	RCVR		ST	Fing			PBT	Y	Cntct Plate Au,Sn,10,15,18,20,22,25,28,30,35,36,40,43,49,50,55,60,65 Cnt	KAM19	0R14d
56	Value-Pac 1020		ST	Fing		1.00	PLYR	Y	01-68 Contact, Solder and Compliant Pin Press Fit, See Mfr Number Key	EFB05	0G01
57	531340		ST	Fing			PLYR	Y	10,12,15,18,22,25,28,30,35,36,40,43,50,60,70 Contac		0R13t
58	531926		ST				PLYR	Y	6,25,28,30,35,36,40,43,50,57,80,70 Contacts,With/Without Mounting Ears		0R13v
59	50-10CP		ST			.650	THPL	O	10,12,15,18,22,25,28,30,31,35,36,40,43,50,57,60,70 Contact Positions		24R11
60	50-15SN		ST	Fing			PLYR	O	12,15,18,20,22,25,28,30,31,36,37,40,43,44,49,50,52,60,70 Contacts		24R13
61	HLCC		ST	Fing		1.00	PBT	O	10,12,13,20,25,30,36,40,43,50,60,61,65,70 Contacts	WCH05	14R5
62	HLCD		ST	Fing			PBT	O	10,12,13,20,25,30,36,40,43,50,60,61,65,70 Contacts	WCH05	14R6
63	17P SERIES		ST	Fing			DAP		M Series Connector		0R13c
64	2544S		ST	Fing			PLYR		24,34,44,50,60,62,72 Contacts, See Mfr Number Key for Options	LEOC06	56P4
65	EG2540					.300	PLYR		20,24,30,34,36,40,44,46,50,52,56,60,62,70,72 Contacts		0G01
66	SQ2200					.300	PLYR		20,24,30,34,36,40,44,46,50,52,56,60,62,70,72 Contacts		0G01
67	SQ2500					.300	PLYR		20,24,30,34,36,40,44,46,50,52,56,60,62,70,72 Contacts		0G01
68	SR2000					.300	PLYR		20,24,30,34,36,40,44,46,50,52,56,60,62,70,72 Contacts		0G01
69	CA-**EC2		ST			.650	PLYR	Y	Ins. 8.0oz., Sep. 2.0oz.,24,36,60,62,86 Contacts,Edge Card Tail Availabl	CAC34	0R13b
70	CA-**EC2R		ST			.650	PLYR	Y	Ins. 8.0oz., Sep. 2.0oz.,24,36,60,62,86 Contacts	CAC35	0R14a
71	EPT	A	ST	Fing		1.00	PBT	Y	Force 9.75oz INS, .75oz SEP		39R4
72	002186		ST			.650	PBT	Y	Ins. 10oz.,Sep. 4oz.,Dual 18 and 31(98)Contacts		5R5
73	225-805			Fing		.600	DAP	Y	44,60,86,100 Bifurcated Contacts		0R17aj
74	ETBH	A				.500	THPL		Flush Mntng w/.125 Dia Hex,w/wo Notched Ears,Low Mntng,6-100 Contacts	BDY22	0R17a
75	ETBH	B				.600	PLYR		Flush Mounting for Right Angle,6-100 Contacts Double	BDY22	0R18a
76	PWBH	A				.600	PLYR		Flush Mntng w/.125 Dia Hex, w/w Notched Ears,Low Mntng,6-100 Contacts	BDY22	0R17a
77	PWBH	B				.600	PLYR		Flush Mntng for Right Angle,6-100 Contacts Double	BDY22	0R18a
78	CA-**EC		ST			.650	PLYR	Y	Ins. 8.0oz., Sep. 2.0oz.,20,24,30,34,36,40,44,50,60,72,80,86,100 Contact	CAC32	0R17b
79	CA-**ECR		ST			.650	PLYR	Y	Ins. 8.0oz., Sep. 2.0oz.,20,24,30,34,36,40,44,50,60,72,80,86,100 Contact	CAC33	0R18b
80	K600	B	ST	Fing		2.30	DAP		20,30,38,52,54,58,66,70,72,80,86,100 Contacts,Choice of Term.Length/Moun	CCC04	
81	V6121	A	ST	Fing		2.30	DAP		Choice of Termination Lengths and Mounting Style	CCC07	0R17h
82	V6121	B	ST	Fing		2.30	DAP		Choice of Termination Lengths and Mounting Style	CCC07	0R17h
83	V6121	C	90	Fing		2.30	DAP		Choice of Termination Lengths and Mounting Style	CCC07	0R17h
84	GS20	B	ST	Fing		.650	PBT		16,20,30,36,44,50,56,60,70,72,80,86,100 Contacts		0R13s
85	CK SERIES	A				1.00	PBT	Y	12,20,24,30,36,40,44,50,56,60,62,70,72,80,100 Contacts	EBY04	41R2
86	CK SERIES	B				1.00	PBT	Y	12,20,24,30,36,40,44,50,56,60,62,70,72,80,100 Contacts	EBY04	41R2
87	342	B				2.00	DAP	Y	Force 10oz In/1oz Out, 10,13,18,19,25,31,36,37,43,49,50 Pin x2 Available	EDAC01	0R17t
88	392	B				2.00	PHEN	Y	Force 10oz In/1oz Out, 10,13,18,19,25,31,36,37,43,49,50 Pin x2 Available	EDAC01	0R17t

SOCKETS, EDGE CARD PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type	EMI	DWV (KV)	Material				
2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm) (Cont'd)											
1	A5D	A	ST	Othr	.600	THPL	Y	20,30,36,40,44,50,56,60,72,80,86,100 Contacts	HEC02	71R8	
2	C5	B	ST	Othr	.600	THPL	Y	12,20,24,30,36,40,44,50,56,60,62,70,72,80,86,88,100 Contacts	HEC01	71R3	
3	C5	B	ST	Othr	.600	THPL	Y	12,20,24,30,36,40,44,50,56,60,62,70,72,80,86,88,100 Contacts	HEC01	71R3	
4	CR22-30D		ST	Fing	1.00	PBT	Y	30,34,36,44,50,60,62,68,72,80,100 Contacts	HRS14	70R27	
5	CR22A		ST		1.00	PBT	Y	30,34,36,44,50,60,62,68,72,80,100 Contacts	HRS14	70R28	
6	3199-A02			Fing		PLAS	Y	Non Bifurcated Contacts, See Mfr Number Key for Options		0R219	
7	172	A	ST	Othr	.500	THST	Y	See Mfr Number Key for Options	MEI01	64R3	
8	172	B	ST	Othr	.500	THST	Y	See Mfr Number Key for Options	MEI01	64R3	
9	272	A	ST	Othr	.500	THPL	Y	See Mfr Number Key for Options	MEI01	64R3	
10	272	B	ST	Othr	.500	THPL	Y	See Mfr Number Key for Options	MEI01	64R3	
11	PS-500		ST	Othr	.800			36,44,56,60,72,86,100 Contacts		17R11	
12	01		ST	Fing	1.00	PBT	O	Ref Drawing For Contact Arrangements, Flush Mount, Min Norm Force 150grams	TP102	69R1a	
13	02		ST	Fing	1.00	PBT	O	Ref Drawing For Contact Arrangements, Center Mount, Min Norm Force 150gra	TP102	69R1b	
14	JDD Series		ST	Fing	.650	OPT	Y	12,20,30,36,40,44,50,56,60,62,70,72,80,86,88,100 Contacts	VKC02	0R15f	
15	JE Series		ST	Fing	.650	OPT	Y	12,20,30,36,40,44,50,56,60,62,70,72,80,86,88,100 Contacts	VKC02	0R15f	
16	JFF		ST	Fing	.650	PBT	Y	Ins. 10oz., Sep. 4oz., 30,36,44,50,60,62,72,80,86,100 Contacts	VKC14	0R13ap	
17	JN Series		ST	Fing	.650	DAP	Y	12,20,30,36,40,44,50,56,60,62,70,72,80,86,88,100 Contacts	VKC02	0R15f	
18	JNX		ST	Fing	1.00	PBT	Y	Ins. 10oz., Sep. .7oz., 30,36,44,50,60,72,80,86,100 Contacts	VKC14	0R13ap	
19	JV Series		ST	Fing	.650	DAP	Y	12,20,30,36,40,44,50,56,60,62,70,72,80,86,88,100 Contacts	VKC02	0R15f	
20	LMPR		ST	Othr	1.00	PBT	Y	44,56,100 Contacts		5P3	
21	VMA2		ST	Brkt		PLYR	Y		VKC15	5R6	
22	400		ST	Fing		PLYR		20,24,30,40,44,50,56,60,62,70,72,80,86,100 Contacts, See Mfr Number Key	WCC01	45R1	
23	1P SERIES		ST	Fing		DAP		R Series Connector		0R17d	
24	19P SERIES		ST	Fing		DAP		R Series Connector		0R17e	
25	341	B		Othr	1.00	DAP	Y	Force 8oz In/1oz Out, 6,10,18,22,28,36,50,60 Pin x2 Config Available	EDAC01	0R17v	
26	391	B		Othr	1.00	PHEN	Y	Force 8oz In/1oz Out, 6,10,18,22,28,36,50,60 Pin x2 Config Available	EDAC01	0R17v	
27	C8D		ST	Othr	.600	THPL	Y	12,20,24,30,40,44,50,56,60,62,70,72,80,86,100,104,120 Contacts	HEC02	71R12	
28	CR22	B	ST	Fing	1.00			20,30,34,36,44,50,60,62,68,72,80,100,120 Contacts		0R17ap	
29	3199-C02			Fing		PLAS		Non Bifurcated Contacts, See Mfr Number Key for Options		47R1	
30	EZC	C	ST	Othr	.600	PBT	O	Lo Profile, Force 16oz INS, 1oz SEP, Add'l Attributes, See Mfr Number Ke	SUL01	47R1	
31	EZC	D	90	Othr	.600	PBT	O	Lo Profile, Force 16oz INS, 1oz SEP, Add'l Attributes, See Mfr Number Ke	SUL01	47R1	
32	6100-300	A	ST		2.10	DAP	O	Contact Length 2.8,4,1.5,1.7,6,11.4mm, Mounting Options Available	CCC16	0R17n	
33	6100-300	B	ST		2.10	DAP	O	Contact Length 2.8,4,1.5,1.7,6,11.4mm, Mounting Options Available	CCC16	0R17n	
34	345	B		Othr	2.00	DAP	Y	36 Pin Var. Available, See Mfr Number Key Section for Exact Var. Avail.	EDAC02	0R17u	
35	395	B		Othr	2.00	PHEN	Y	36 Pin Var. Available, See Mfr Number Key Section for Exact Var. Avail.	EDAC02	0R17u	
36	A8D	A	ST	Othr	.600	THPL	Y	20,24,30,36,40,44,50,56,60,62,70,72,80,86,88,100,120,130 Contacts	HEC02	71R11	
37	A8D	B	ST	Othr	.600	THPL	Y	20,24,30,36,40,44,50,56,60,62,70,72,80,86,88,100,120,130 Contacts	HEC02	71R11	
38	3199-D01					PLAS		Non Bifurcated Contacts, See Mfr Number Key for Options		0R20j	
39	EMS		ST	Fing	.350	DAP	O	JACPIN and Socket Termination, Contact Retention Per Position 2oz Min	HCD01	23R3a	
40	118518		ST	Fing		PLYR		32,40,44,52,56,60,64,68,72,76,80,84,88,92,96,100,104-140, Lever, Top Entry		29R28	
41	EZC	C	D	Othr	1.00	DAP	O	Force 2-12oz INS/SEP, Au or Sn Plating, See Mfr Dwg for Number of Contact	COMC01	0G01	
42	EZC	D	D	Othr	1.00	DAP	O	Force 2-12oz INS/SEP, Au or Sn Plating, See Mfr Dwg for Number of Contact	COMC01	0G01	
43	CY SERIES	A		Othr	1.00	PBT	Y	20,24,30,36,40,44,50,56,60,62,70,72,80,86,100,120,140 Contacts	EBY05	41R3	
44	CY SERIES	B		Othr	1.00	PBT	Y	20,24,30,36,40,44,50,56,60,62,70,72,80,86,100,120,140 Contacts	EBY05	41R3	
45	CR22	A	ST	Fing	1.00			20,30,34,36,44,50,60,62,68,72,80,100,120,140 Contacts		70R27	
46	6777	A	ST	Fing	1.00	PLYR	Y	20,30,36,40,44,50,56,60,62,70,72,80,86,88,98,100,110,120,130,140 Contact	MRC01	38R16	
47	7000	A	ST	Othr	6.00	OPT	Y	20,30,40,44,50,56,60,62,70,72,80,86,100,110,120,130,140 Contacts, See Key	MRC01	4R1	
48	7000	B	90	Othr	6.00	OPT	Y	20,30,40,44,50,56,60,62,70,72,80,86,100,110,120,130,140 Contact, See Key	MRC01	4R1	
49	EZC	G	ST	Othr	.600	PBT	O	Hi Profile, Force 16oz INS, 1oz SEP, Add'l Attributes, See Mfr Number Ke	SUL01	47R2	
50	EZC	H	90	Othr	.600	PBT	O	Hi Profile, Force 16oz INS, 1oz SEP, Add'l Attributes, See Mfr Number Ke	SUL01	47R2	
51	JND Series		ST	Fing	.650	OPT	Y	See Mfr. Ordering Key For Number of Contacts	VKC03	0R13aj	
52	JNK Series		ST	Fing	.650	OPT	Y	See Mfr. Ordering Key For Number of Contacts	VKC03	0R13aj	
53	119471		ST	Fing		PLYR		25,30,35,40,45,50,55,60,65,70,75,80,85,90,95,100,105-175, Lever, Side Entr		29R25	
54	119472		ST	Fing		PLYR		25,30,35,40,45,50,55,60,65,70,75,80,85,90,95,100,105-175, Lever, Top Entry		29R25	
55	ECD	B	ST	Othr	1.00	DAP	Y	Force 10oz INS, 1oz SEP per Contact		39R6	
56	6100	A	ST		1.00	DAP		Terminal Lengths for 1,2 or 3 Wraps, Mounting Options Available	CCC16	0R13f	
57	6100	B	ST	Fing	1.00	DAP		Terminal Lengths for 1,2 or 3 Wraps, Mounting Options Available	CCC16	0R3b	
2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm)											
58	CT1562	A				PBT	Y	Force Ins=8oz Max, Sep=1oz Min, Tail Length Opt .060, .320, .580in	EDAC01	0R21e	
59	368	B			1.40	DAP	Y	Force 10oz In/2oz Out, Accepts .062in PCB, End Module	EDAC01	26R05	
60	368	B			1.00	DAP	Y	Force 10oz In/2oz Out, Accepts .062in PCB, Center Module	EDAC01	26R04	
61	41	O			1.00	PBT	Y	6,10,12,15,22 Pin Solder or Pierced Eyelet Terminals, Dual Readout		116R5	
62	186	A	ST	Othr	.600	DAP	Y	6,10,15,18,22 Contact, Dual Row Will Accept 3/32 OR 1/8 in PCB	MEI05	64R8	
63	EB8				1.00	OPT	Y	6,10,12,15,18,22,24,25 Contacts, See Mfr Number Key for Options	DEI05	42R6	
64	6511	A			1.00	PLYR	Y	6,10,12,15,18,22,24,25 Contact Positions, W/Wo Mounting Flange		38R20	
65	6511	B			1.00	PLYR	Y	6,10,12,15,18,22,24,25 Contact Positions, W/Wo Mounting Flange		38R20	
66	50-12A		ST	Fing	1.00	DAP	O	6,10,12,15,18,22,25 Contacts		24R18	
67	50-12SN		ST	Fing	1.00	PLYR	O	6,10,12,15,18,22,24,25 Contacts		24R12	
68	HCA		ST	Fing		THPL		6,10,15,18,22,25 Contacts	WCH06	14R7	
69	RE		ST	Fing		PBT	Y	Contact Plating Au or Sn, 6,10,12,15,18,22,25,28 Contacts	KAM17	0R15d	
70	RES		ST	Fing		PBT	Y	Contact Plating Au or Sn, 6,10,12,15,18,22,25,28 Contacts	KAM18	0R15e	
71	4338		ST	Fing	1.00	PLYR	Y	6,8,10,12,15,18,22,24,25,28 Contacts, Au or Sn Plating		38R18	
72	582761	A	ST	Fing		PHEN	Y	Contact Plating Au or Sn, 8,10,15,18,22,30 Contacts, Two Sides Loaded		0R13z	
73	321	B		Fing	1.00	DAP	Y	Force 16oz In/2oz Out, Single or Double Cantilever Contacts, Bifurcated	EDAC01	0R13p	
74	330	B		Inst	1.00	DAP	Y	Force 16oz In/2oz Out, Extended Card Guide, PC Tab, Sldr Hole, Wire Wrap Pin	EDAC01	26R03	
75	50-20E		ST	Fing		PHEN	O	10,15,18,22,25,30 Contacts		24R14	
76	8BD		ST	Fing	1.00	PHEN	O	6,10,12,15,18,22,28,30 Contacts, See No. Key For Other Termination Styles	WCH39	14R29	
77	8BDJ		ST	Fing	1.00	PHEN	O	6,10,12,15,18,22,28,30 Contacts, See No. Key For Other Termination Styles	WCH39	14R29	
78	PCB5B		ST	Fing	3.00	PLYR	Y		ACP04	65R7	
79	530089		ST	Fing		NYL	Y	Contact Plating Au or Sn, 12,30,32,36 Contacts, Two Rows Loaded		0R13ab	
80	583859		ST	Inst		NYL	Y	6,8,10,12,14,15,18,22,24,28,36 Contacts, With/Without Mounting Ears		0R13af	
81	324	B		Inst	1.00	DAP	Y	Force 16oz In/2oz Out, Extended Card Guide, PC Tab, Sldr Hole, Wire Wrap Pin	EDAC01	26R02	
82	119254					PLYR	Y	15,22,28,36,43 Contacts, Post Length 12.07, 17.83 and 4.57mm		29R34	
83	531938		ST	Fing		PLYR	Y	6,10,15,18,22,36,43 Contacts, With/Without Mounting Ears		0R13x	
84	PC				1.00	DAP		8,15,18,22,25,30,36,43 Contacts, Wire Sizes #24 through #18		0R19a	
85	GS24			Fing	1.80	PBT		6,10,12,15,18,22,25,28,30,36,43 Contacts		0R17ac	

SOCKETS, EDGE CARD PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type	EMI	DWV (KV)	Material				
2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm) (Cont'd)											
1	EB7	B		Othr		1.00	OPT	Y	6,10,12,15,18,22,36,43 Contacts, See Mfr Number Key for Options	DEI04	42R5
2	Value-Pac 1562						NYL	Y	01-43 Contact, Solder and Compliant Pin Press Fit, See Mfr Number Key	EFB05	0G01
3	PRE		ST	Fing			PBT	Y	Contact Plating Au or Sn,10,15,18,22,28,36,43 Contacts	KAM22	46P4
4	PSE		ST	Fing			PBT	Y	Contact Plating Au or Sn,10,15,18,22,28,36,43 Contacts	KAM23	46P5
5	REV		ST	Fing			PBT	Y	Contact Plating Au or Sn,18,22,28,31,36,43 Contacts	KAM16	0R13ai
6	REVR		ST	Fing			PBT	Y	Contact Plating Au or Sn,18,22,28,31,36,43 Contacts	KAM21	0R14f
7	184	A	ST	Othr		.600	DAP	Y	10/20,15/30,18/36,22/44,28/56,36/72,43/86 Contacts See Mfr Number Key	MEI05	64R7
8	HCB		ST	Fing			THPL	O	6,10,15,18,22,28,36,43 Contacts	WCH06	14R8
9	HMD		ST	Thru		1.00	PHEN	O	Ins./Sep. 8oz. per Contact Pair,10,15,18,22,36,43 Contacts	WCH38	14R28
10	HSD		ST	Thru		1.00	PHEN	O	Ins./Sep. 8oz. per Contact Pair,10,15,18,22,36,43 Contacts	WCH38	14R28
11	MJ10E		ST	Thru		1.00	PBT	Y	Ins./Sep. 8oz. per Contact Pair,C-Press Compliant Pin Termination	WCH03	14R3
12	PCB3D		ST	Fing		2.00	PLYR	Y	Contact Plating Au or Sn,20,30,36,44 Contacts	ACPO4	65R6
13	530654		ST	Inst			PLYR	Y	6,10,12,15,18,22,24,25,28,30,36,43,44 Contacts,With/Without Mounting Ear		0R17am
14	530655		ST	Inst			PLYR	Y	6,10,12,15,18,22,24,25,28,30,36,43,44 Contacts,With/Without Mounting Ear		0R17am
15	530657		ST	Inst			PLYR	Y	6,10,12,15,18,22,24,25,28,30,36,43,44 Contacts,With/Without Mounting Ear		0R17am
16	205			Othr		2.00	THPL	Y	Force 2-10oz In/Out, Accepts .054-.070in PCB, PC Tab Pins	EDAC01	0R17z
17	207	B		Othr		2.00	THPL	Y	Force 2-16oz In/Out, Accepts .054-.070in PCB, PC Tab and Wire Wrap Pins	EDAC01	0R17z
18	322	B		Inst		1.00	PLCB	Y	Force 16oz In/2oz Out,Extended Card Guide,PC Tab,Slidr Hole,Wire Wrap Pin	EDAC01	26R01
19	338	B		Othr		1.00	DAP	Y	Force 16oz In/2oz Out,10,15,18,22x2 Contacts,Wire Wrap Pins,Bifurcated	EDAC01	0R17z
20	EYD	A	ST	Fing		1.00	DAP	Y	Force 8oz INS, 2oz SEP per Pole		39R1
21	41	T				.600	PBT	Y	Force 2-8 oz		0R13g
22	186	B	ST	Othr		.600	DAP	Y	12,20,30,36,44 Contacts, Dual Row Will Accept 3/32 or 1/8 in PCB	MEI05	64R8
23	583486		ST			1.00	NYL	Y	3-50 Contacts,Without End Caps,Twin Leaf Connector		0R20i
24	583660		ST	Inst		1.00	NYL	Y	3-50 Contacts,With End Caps,Twin Leaf Connector		0R20e
25	108						THPL		6 through 50 Contacts,Flush Mount w/w Mounting Holes	BDY24	0R20a
26	OFT6156		ST			2.50	O		50 Dual Bellowform Contacts Bussed		20R12
27	237	B		Othr		2.00	THPL	Y	Force 2-10oz In/Out, Accepts .054-.070in PCB, PC Tab and Wire Wrap Pins	EDAC01	0R17aa
28	EC-111	A	ST	Fing		.850	DAP	Y			0R17at
29	EC-111	B	ST	Fing		.850	DAP	Y			0R17at
30	EC-211	A	ST	Fing		.850	DAP	Y			0R17au
31	EC-211	B	ST	Fing		.850	DAP	Y			0R17au
32	310	B		Othr		2.00	DAP	Y	Force 16oz In/2oz Out,Accepts .054-.070in PCB,PC Tab,Slidr Hole,Wire Wrap	EDAC01	0R17ae
33	2989-602			Fing			PLAS	Y	Funnel Type Contact Entry, See Mfr Number Key for Options		0R17aq
34	CT SERIES	A		Fing		1.00	PBT	Y	12,20,30,36,44,56,72 Contacts	EBY08	41R6
35	CT SERIES	B		Fing		1.00	PBT	Y	12,20,30,36,44,56,72 Contacts	EBY08	41R6
36	2989-722			Fing			PLAS	Y	Funnel Type Contact Entry, See Mfr Number Key for Options		0R17ar
37	10		ST	Fing		1.00	PBT	O	20,30,36,44,56,72 Cntcs,Ctr Mnt,.045in Sq Tail,Min Norm Force 150grams	TP102	69R5
38	06		ST	Fing		1.00	PBT	O	Ref Drawing For Contact Arrangements,Ctr Mnt, .031X.062" Tail	TP102	69R4
39	225-2	A		Fing		.600	PHEN	Y	12,20,30,36,44,50,56,72,86 Folded Ribbon Contacts	AAP2	0R17ak
40	225-2	D		Fing		.600	DAP	Y	12,20,30,36,44,50,56,72,86 Bifurcated Contacts	AAP2	0R17ak
41	225-2	E		Fing		.600	DAP	Y	12,20,30,36,44,56,72,86 Bifurcated Contacts,Qualified to MIL-C-21097 C/2	AAP3	0R17ak
42	225-2	F		Fing		.600	DAP	Y	12,20,30,36,44,56,72,86 Bifurcated Contacts,Qualified to MIL-C-21097 C/2	AAP3	0R17ak
43	FT6156		ST			2.50	O		44,50,56,72,86 Dual Bellowform Contacts		20R11
44	Q6156-140	A	ST			2.50	DAP	O	12,20,30,36,44,72,86 Contacts,Termination Length 3.6,4.8,6.4,10.4mm	CCC11	0R18d
45	Q6156-140	A	ST			2.50	DAP	O	12,20,30,36,44,72,86 Contacts,Termination Length 3.6,4.8,6.4,10.4mm	CCC11	0R17k
46	600-11	A	ST	Fing		2.50	DAP	O	12,20,24,30,36,44,50,56,72,86 Contacts,Choice of Term.Length and Mountin	CCC06	
47	600-11	B	ST	Fing		2.50	DAP	O	12,20,24,30,36,44,50,56,72,86 Contacts,Choice of Term.Length and Mountin	CCC06	
48	DZM	D		Othr		1.00	DAP	O	Force 2-12oz INS/SEP, Au or Sn Plating,See Mfr Dwg for Number of Contact	COMC02	0G01
49	DZM	E		Othr		1.00	DAP	O	Force 2-12oz INS/SEP, Au or Sn Plating,See Mfr Dwg for Number of Contact	COMC02	0G01
50	EZM	C		Othr		1.00	DAP	O	Force 2-12oz INS/SEP, Au or Sn Plating,See Mfr Dwg for Number of Contact	COMC01	0G01
51	EZM	D		Othr		1.00	DAP	O	Force 2-12oz INS/SEP, Au or Sn Plating,See Mfr Dwg for Number of Contact	COMC01	0G01
52	CL SERIES	A		Othr		1.00	PBT	Y	12,20,24,30,36,44,50,56,60,72,86 Contacts	EBY09	41R7
53	CL SERIES	B		Othr		1.00	PBT	Y	12,20,24,30,36,44,50,56,60,72,86 Contacts	EBY09	41R7
54	303			Othr		2.50	DAP	Y	Force 8oz In/2oz Out, Accepts .054-.070in PCB, PC Tab Pins	EDAC01	0R17ab
55	305			Othr		1.00	DAP	Y	Force 10oz In/2oz Out, Accepts .054-.070in PCB, PC Tab and Slidr Hole Pin	EDAC01	0R17ac
56	315			Othr		1.00	DAP	Y	Force 10oz In/2oz Out,Accepts .054-.070in PCB,PC Tab and Slidr Hole Pins	EDAC01	0R17ac
57	317	B		Othr		1.00	DAP	Y	36,44,50,60,72,86 Pins,Single or Double Cantilever Contacts,Bifurcated	EDAC01	0R13o
58	323	B		Othr		1.00	PLCB	Y	Force 16oz In/2oz Out,Double Cantilever Contacts,Bifurcated	EDAC01	0R13q
59	333	B		Othr		2.00	DAP	Y	Force 10oz In/1oz Out,Accepts .054-.070in PCB,PC Tab,Slidr Post,Wire Wrap	EDAC01	0R17af
60	336	B		Othr		2.00	DAP	Y	Force 10oz In/1oz Out,15,18,22,25,28,36,43x2 Cont,PC Tab,Wire Wrap Pins	EDAC01	0R13r
61	337	B		Othr		2.00	DAP	Y	Force 10oz In/2oz Out,Accepts .054-.070in PCB,PC Tab,Slidr Post,Wire Wrap	EDAC01	0R17ag
62	355			Othr		1.00	PHEN	Y	Force 10oz In/2oz Out, Accepts .054-.070in PCB, PC Tab and Slidr Hole Pin	EDAC01	0R17ac
63	387	B		Othr		2.00	PHEN	Y	Force 10oz In/2oz Out,Accepts .054-.070in PCB,PC Tab,Slidr Post,Wire Wrap	EDAC01	0R17ag
64	ERS		ST	Fing		.350	DAP	O	JACPIN and Socket Termination, Contact Retention Per Position 2oz Min	HCD01	23R3b
65	A2D		ST	Othr		.600	THPL	Y	12,20,24,30,36,44,50,56,72,86 Contacts	HEC02	71R5
66	A6D		ST	Othr		.600	THPL	Y	20,24,30,36,44,50,56,72,86 Contacts	HEC02	71R9
67	A9D		ST	Othr		1.00	THPL	Y	20,30,36,44,56,60,62,72,80,86 Contacts	HEC02	71R13
68	B3D		ST	Othr		.600	THPL	Y	12,20,24,30,36,44,48,50,56,72,86 Contacts	HEC02	71R6
69	B9D		ST	Othr		1.00	THPL	Y	20,30,36,44,56,60,62,72,80,86 Contacts	HEC02	71R13
70	C2	A	ST	Othr		1.00	THPL	Y	12,20,24,30,36,44,50,56,72,86 Contacts	HEC01	71R1
71	C2	B	ST	Othr		1.00	THPL	Y	12,20,24,30,36,44,50,56,72,86 Contacts	HEC01	71R1
72	184	B	ST	Othr		.600	PHEN	Y	10/20,15/30,18/36,22/44,28/56,36/72,43/86 Contacts See Mfr Number Key	MEI05	64R7
73	7200	A	ST	Othr		.600	PHEN	Y	44,56,72,86 Contact,See Mfr Number Key for Options	MRC03	4R3
74	7200	B	90	Othr		.600	PHEN	Y	44,56,72,86 Contact,See Mfr Number Key for Options	MRC03	4R3
75	PS-400		ST	Othr		.800			20,30,36,44,56,60,72,86 Contacts		17R11
76	EZM	B	ST	Othr		1.00	PBT	O	Lo Profile, Force 16oz INS, 1oz SEP,Add'l Attributes, See Mfr Number Ke	SUL01	47R7
77	EZM	E	90	Othr		1.00	PBT	O	Lo Profile, Force 16oz INS, 1oz SEP,Add'l Attributes, See Mfr Number Ke	SUL01	47R7
78	EZM	G	ST	Othr		1.00	PBT	O	Hi Profile, Force 16oz INS, 1oz SEP,Add'l Attributes, See Mfr Number Ke	SUL01	47R8
79	EZM	I	90	Othr		1.00	PBT	O	Hi Profile, Force 16oz INS, 1oz SEP,Add'l Attributes, See Mfr Number Ke	SUL01	47R8
80	EZM	M	ST	Othr		1.00	PBT	O	Lo Profile, Force 16oz INS, 1oz SEP,Add'l Attributes, See Mfr Number Ke	SUL01	47R10
81	EZM	P	90	Othr		1.00	PBT	O	Lo Profile, Force 16oz INS, 1oz SEP,Add'l Attributes, See Mfr Number Ke	SUL01	47R10
82	03		ST	Fing		1.00	PBT	O	Ref Drawing For Contact Arrangements,Flush Mount,Min Norm Force 150grams	TP102	69R2a
83	ADD Series		ST	Fing		1.00	OPT	Y	12,20,30,36,44,72,86 Contacts	VKC09	0R15j
84	AE Series		ST	Fing		1.00	OPT	Y	12,20,30,36,44,72,86 Contacts	VKC09	0R15j
85	AKC Series		ST	Fing		1.00	OPT	Y	12,20,30,36,44,72,86 Contacts	VKC09	0R15j
86	AMD Series		ST	Fing		1.00	OPT	Y	44,56,72,86 Contacts	VKC10	0R13am
87	AMK Series		ST	Fing		1.00	OPT	Y	44,56,72,86 Contacts	VKC10	0R13am
88	AN Series		ST	Fing		1.00	OPT	Y	12,20,30,36,44,72,86 Contacts	VKC09	0R15j

SOCKETS, EDGE CARD PRODUCT SELECTION

Line No.	Type Identification	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number	
		Variation	Angle	Type	EMI	DWV (KV)					Material
2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm) (Cont'd)											
1	AND Series		ST	Fing		1.00	OPT	Y	44,56,72,86 Contacts	VKC10	0R13an
2	ANE Series		ST	Fing		1.00	OPT	Y	44,56,86 Contacts	VKC11	0R13ao
3	ANK Series		ST	Fing		1.00	OPT	Y	44,56,72,86 Contacts	VKC10	0R13an
4	AV Series		ST	Fing		1.00	OPT	Y	12,20,30,36,44,72,86 Contacts	VKC09	0R15j
5	307	B		Othr		2.00	DAP	Y	Force 16oz In/2oz Out, Accepts .054-.070in PCB, PC Tab, Sldr Hole, Wire Wrap	EDAC01	0R17ad
6	308	B		Othr		2.00	DAP	Y	Force 16oz In/2oz Out, Accepts .054-.070in PCB, PC Tab, Sldr Hole, Wire Wrap	EDAC01	0R17ad
7	357	B		Othr		2.00	PHEN	Y	Force 16oz In/2oz Out, Accepts .054-.070in PCB, PC Tab, Sldr Hole, Wire Wrap	EDAC01	0R17ad
8	6156	A	ST	Fing		2.50	DAP		12,16,20,24,30,36,44,48,50,56,60,72,86,100 Contact, Choice of Term. Length	CCC08	0R17i
9	6156	B	ST	Fing		2.50	DAP		12,16,20,24,30,36,44,48,50,56,60,72,86,100 Contact, Choice of Term. Length	CCC08	0R17i
10	6156	C	90	Fing		2.50	DAP		12,16,20,24,30,36,44,48,50,56,60,72,86,100 Contact, Choice of Term. Length	CCC08	0R17i
11	EZM	K		Othr		1.00	PBT		Hi Profile, Force 16oz INS, 1oz SEP, Add'l Attributes, See Mfr Number Key	SUL01	47R9
12	402		ST	Fing			PLYR		14,20,30,36,44,56,60,62,72,80,86,100 Contact See Mfr Number Key for Optn	WCC02	45R2
2 ROWS, DOUBLE READOUT, PITCH MISC.											
13	CT1251						PBT	O	Force Ins=8oz Max, Sep=1oz Min, Tail Length Opt .060, .320, .580in		0R21c
14	CT1252						PBT	O	Force Ins=8oz Max, Sep=1oz Min, Tail Length Opt .060, .320, .580in		0R21d
15	EP1010						PLYR		Contact Spacing .100x.200, Plating Options=Au, Ni, Sn, User Defined Length		103R6a
16	EP1020						PLYR		Contact Spacing .100x.200, Plating Options=Au, Ni, Sn, User Defined Length		103R6b
17	EP1212						PLYR		Contact Spacing .125x.125, Plating Options=Au, Ni, Sn, User Defined Length		103R6c
18	EP1225						PLYR		Contact Spacing .125x.250, Plating Options=Au, Ni, Sn, User Defined Length		103R6d
19	EP1515						PLYR		Contact Spacing .150x.150, Plating Options=Au, Ni, Sn, User Defined Length		103R6e
20	EP1562						PLYR		Contact Spacing .156x.200, Plating Options=Au, Ni, Sn, User Defined Length		103R6f
21	EP2020						PLYR		Contact Spacing .200x.200, Plating Options=Au, Ni, Sn, User Defined Length		103R6g
22	20	A					THPL		Housing=.520in High, See Key For Options, Consult Mfr For Number of Cntcts	EMSB08	88R3a
23	20	B					THPL		Housing=.520in High, See Key For Options, Consult Mfr For Number of Cntcts	EMSB08	88R3a
24	20	C					THPL		Housing=.520in High, See Key For Options, Consult Mfr For Number of Cntcts	EMSB08	88R3a
25	20	D					THPL		Housing=.520in High, See Key For Options, Consult Mfr For Number of Cntcts	EMSB08	88R3a
26	22	A					THPL		Housing=.610in High, See Key For Options, Consult Mfr For Number of Cntcts	EMSB08	88R3b
27	22	B					THPL		Housing=.610in High, See Key For Options, Consult Mfr For Number of Cntcts	EMSB08	88R3b
28	243	B				1.00	PBT	Y	Force 16oz In/2oz Out, Accepts .054-.070in PCB, Available With Card Guides	EDAC01	26R07
29	M6125-250	A	ST			1.00	DAP	O	6,8,10 Contacts, Contact Length, 3.8, 5.1, 6.4, 8.9, 12.7, 16.5, 19.1, 25.4mm	CCC10	20R13
30	M6125-250	B	ST			1.00	DAP	O	6,8,10 Contacts, 3.8, 5.1, 6.4, 8.9, 12.7, 16.5, 19.1, 25.4mm	CCC10	20R13
31	IDC-10P					.500	PBT		28 AWG Stranded or 30 AWG Solid Wire Flat Cable		2R3
32	2510			Fing			PBT		Force 580g max INS, 210g min SEP		0G01
33	IDC-14P					.500	PBT		28 AWG Stranded or 30 AWG Solid Wire Flat Cable		2R3
34	IDC-16P					.500	PBT		28 AWG Stranded or 30 AWG Solid Wire Flat Cable		2R3
35	CARD EDGE	A				.500	PBT		28 AWG Stranded or 30 AWG Solid Wire Flat Cable		0R12n
36	IDC-20P					.500	PBT		28 AWG Stranded or 30 AWG Solid Wire Flat Cable		2R3
37	470					1.00	DAP		Ins. 213oz		0R17p
38	IDC-24P					.500	PBT		28 AWG Stranded or 30 AWG Solid Wire Flat Cable		2R3
39	2524			Fing			PBT		Force 710g max INS, 250g min SEP		0G01
40	467								8,16,24 Contacts		
41	CARD EDGE	B				.500	PBT		28 AWG Stranded or 30 AWG Solid Wire Flat Cable		0R12o
42	IDC-26P	B				.500	PBT		28 AWG Stranded or 30 AWG Solid Wire Flat Cable		2R3
43	IDC-30P					.500	PBT		28 AWG Stranded or 30 AWG Solid Wire Flat Cable		2R3
44	QM10		90		X	.100	PET		8,14,26,32 Contacts, W/Wo Hood, Protector, or Lock		120R10
45	QM20		ST		X	.100	PET		8,14,26,32 Contacts, W/Wo Hood, Protector, or Lock		120R11
46	QM30		ST		X	.100	PET		8,14,26,32 Contacts, W/Wo Hood, Protector, or Lock		120P1
47	CARD EDGE	C				.500	PBT		28 AWG Stranded or 30 AWG Solid Wire Flat Cable		0R12p
48	IDC-34P					.500	PBT		28 AWG Stranded or 30 AWG Solid Wire Flat Cable		2R3
49	583722		ST	Fing			NYL	Y	Contact Plating Au or Sn, 6,10,12,15,18,22,25,30,32,36 Contacts		0R13y
50	24						PPS		18 or 36 Contacts, Closed or Slotted Ends, Bright Solder or Flash Platin	EMSB04	88R1
51	CLA-20	A	ST	Othr		1.00	PBT		8,12,20,24,30,36 Contacts, Au or Sn Plating, W/Wo Flange	MMM07	28R8
52	841		ST	Glwg		1.50	DAP		12,20,30,36,38 Contacts, Surface Mount J-Wing Contact		26P05
53	119851		ST				PLYR	Y	Post Length 12.07, 17.83 and 4.57mm		29R31
54	329	B		Fing		2.00	DAP		Force 10oz In/2oz Out, Accepts .054-.070in PCB, PC Tab, Sldr Hole, Wire Wrap	EDAC01	0R17ah
55	379	B		Fing		2.00	PHEN		Force 10oz In/2oz Out, Accepts .054-.070in PCB, PC Tab, Sldr Hole, Wire Wrap	EDAC01	0R17ah
56	CARD EDGE	D				.500	PBT		28 AWG Stranded or 30 AWG Solid Wire Flat Cable		0R12q
57	IDC-40P					.500	PBT		28 AWG Stranded or 30 AWG Solid Wire Flat Cable		2R3
58	5242-NCHPB					1.00	NYL		Cat-eared Double Cantilever Terminal Design, Mates w/5423-NA Header		38R6
59	583864		ST	Fing			NYL		6,10,15,18,22,25,28,30,31,36,40,44 Contacts, With/Without Mounting Ears		0R13ae
60	CD					.500	PBT		20,26,34,40,50 Contacts, Accepts .050in. AWG 28 Stranded or 30 Solid Cabl		113R1
61	119486		ST				PLYR	Y	25,30,36,50 Contacts, High Profile Housing		29R32
62	530661		ST	Inst			PLYR	Y	6,10,15,18,22,28,30,31,36,40,43,50 Contacts, With/Without Mounting Ears		0R17an
63	530662		ST	Inst			PLYR	Y	6,10,15,18,22,28,30,31,36,40,43,50 Contacts, With/Without Mounting Ears		0R17an
64	530664		ST	Inst			PLYR	Y	6,10,15,18,22,28,30,31,36,40,43,50 Contacts, With/Without Mounting Ears		0R17an
65	533692		ST	Inst		1.00	NYL	Y	3-50 Contacts, With End Caps, Twin Leaf Connector		0R20d
66	583407		ST	Inst		1.00	NYL	Y	3-50 Contacts, Without End Caps, Twin Leaf Connector		0R20h
67	583533		ST	Inst		1.00	NYL	Y	3-50 Contacts, Without End Caps, Twin Leaf Connector		0R20g
68	583679		ST	Inst		1.00	NYL	Y	3-50 Contacts, With End Caps, Twin Leaf Connector		0R20c
69	PF	B					THPL		22,28,31,36,40,44,50 Contacts, Term. Lengths 4.44mm, 9.52mm, 14.2mm and 19mm	BDY23	0R13a
70	EB6	A		Othr		1.00	OPT	Y	6,10,14,15,18,22,24,25,28,30,31,32,35,36,40,43,44,49,50 Contacts	DEI02	42R3
71	EB6	B		Othr		1.00	OPT	Y	6,10,14,15,18,22,24,25,28,30,31,32,35,36,40,43,44,49,50 Contacts	DEI02	42R3
72	246	B		Othr		1.00	THPL	Y	Force 2-10oz In/Out, 6,7,10,15,18,22,24,25 Pin x2 Config Available	EDAC01	0R17x
73	41	P				1.00	PBT		30,40,50 Pin Wire Wrap Square Term, Dual Readout		116R6
74	41	Q				1.00	PBT		25,30,35,40,50 Pin Solder Square Term Dual Readout		116R6
75	WKR-PG-10		ST	Fing		.700	PLYR	Y	14,24,36,50 Contacts	JAWC03	61P1
76	WKR-SG-40		ST	Fing		.700	PLYR	Y	14,24,36,50 Contacts	JAWC03	0G03
77	WLR-SG-20		ST	Fing		.700	PLYR	Y	14,24,36,50 Contacts	JAWC03	0G03
78	RD		ST	Fing			PBT	Y	Contact Plating Au or Sn, 15,18,22,28,31,35,40,50 Contacts	KAM14	0R15c
79	RDR		ST	Fing			PBT	Y	Contact Plating Au or Sn, 15,18,22,28,31,35,40,50 Contacts	KAM15	0R267
80	RDV		ST	Fing			PBT	Y	Contact Plating Au or Sn, 15,18,22,28,31,35,40,50 Contacts	KAM13	0R13ah
81	RDRV		ST	Fing			PBT	Y	Contact Plating Au or Sn, 15,18,22,28,31,35,40,50 Contacts	KAM20	0R14e
82	CARD EDGE	E				.500	PBT		28 AWG Stranded or 30 AWG Solid Wire Flat Cable		0R12r
83	IDC-50P					.500	PBT		28 AWG Stranded or 30 AWG Solid Wire Flat Cable		2R3
84	468					1.00	THPL	Y	Ins. 564 oz., Sep. 115 oz., Terminal Lengths 4.45mm and 14.6mm		0R17r
85	471-2	A		Fing			NYL		20,26,34,40,50 Contacts		0R12d

SOCKETS, EDGE CARD PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		EMI	Insulator		Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type		DWV (KV)	Material				
2 ROWS, DOUBLE READOUT, PITCH MISC. (Cont'd)											
1	471-2	B		Fing			NYL	Y	20,26,34,40,50 Contacts		0R12d
2	473			Fing					14,24,36,50 Contacts		
3	473-8			Fing			PLYR	Y	14,24,36,50 Contacts		
4	57-MR	A	ST	Fing		1.00	PBT	Y	24,36,50 Contacts		0G03
5	57-MR	B	ST	Fing	X	1.00	PBT	Y	24,36,50 Contacts		0G03
6	DW18		ST	Thru		1.00	PHEN	O	18,20,26,30,40,50 Contacts	WCH37	14R27
7	HLDD		ST	Fing			PBT	O	15,18,20,28,30,31,36,40,43,44,49,50 Contacts	WCH05	14R6
8	HWD		ST	Fing			DAP	O	28,30,31,40,49,50 Contacts	WCH07	14R23
9	Value-Pac 1225						NYL		01-53 Contact, Solder and Compliant Pin Press Fit, See Mfr Number Key	EFB05	0G01
10	349	B		Othr		1.00	DAP		Force 10oz In/1oz Out, Accepts .054-.070in PCB, PC Tab and Wire Wrap Pin	EDAC01	0R13l
11	349	D		Othr		1.00	DAP		Force 10oz In/1oz Out, Accepts .054-.070in PCB, PC Tab and Wire Wrap Pin	EDAC01	0R13l
12	395	B		Othr		1.00	PHEN		Force 10oz In/1oz Out, Accepts .054-.070in PCB, PC Tab and Wire Wrap Pin	EDAC01	0R13l
13	399	D		Othr		1.00	PHEN		Force 10oz In/1oz Out, Accepts .054-.070in PCB, PC Tab and Wire Wrap Pin	EDAC01	0R13l
14	EC-210	A	ST	Fing		.800	DAP	Y	36,44,50,56 Contacts		0R15a
15	EC-213	B	ST	Fing		.800	DAP	Y	36,44,50,56 Contacts		0R15a
16	1168			Fing		1.60	PLCB		20,28,30,36,44,56 Contacts		46R2
17	119200						PLYR	Y	22,28,30,36,40,50,60 Contacts, Post Length 17.83, 12.7 and 4.57mm		29R33
18	531341			Fing		1.00	PLYR	Y	6,10,15,18,22,28,30,31,35,36,40,43,50,60 Contacts		0R13w
19	531927						PLYR	Y	6,10,18,22,28,36,40,50,60 Contacts, With/Without Mounting Ears		90R3
20	AXC	B	ST	Opt		1.00	PBT	O	20,26,30,34,40,50,60 Contacts, Optional Mounting Flange and Strain Relief	ARO06	0R12l
21	901	S	ST			.500	PLYR	Y	10,16,20,26,30,34,40,50,60 Contacts		
22	8820					.650	NYL		20,26,30,34,40,50,60 Contacts		46R5
23	8830	A	ST			.650	NYL		20,26,30,34,40,50,60 Contacts		46R6
24	8830	B	90			.650	NYL		20,26,30,34,40,50,60 Contacts		46R6
25	IDC-60P					.500	PBT		28 AWG Stranded or 30 AWG Solid Wire Flat Cable		2R3
26	FCE		ST	Fing		.500	PPS	O	10,16,20,26,34,40,50,60 Contacts		24R1
27	MJ15D		ST				PBT		Ins./Sep. 8oz. per Contact Pair, C-Press Compliant Pin Termination	WCH01	14R1
28	937-062		ST			.800	PBT		Conforms to IBM PC/AT Connector Standard		46R7
29	EZJ	B	ST	Othr		1.00	PBT	O	Hi Profile, Force 16oz INS, 1oz SEP, Add'l Attributes, See Mfr Number Key	SUL01	47R6
30	353-060		ST			.330			8,10,14,16,20,26,34,40,50,60,64 Contacts With Strain Relief		98R1
31	IDC-64P					.500	PBT		28 AWG Stranded or 30 AWG Solid Wire Flat Cable		2R3
32	97-CP		ST	Fing		1.00	PLYR	Y	14,24,36,50,64 Contacts		24P14
33	97-CS		ST	Fing		1.00	PLYR	Y	14,24,36,50,64 Contacts		0G03
34	530223		ST	Fing			NYL		6,8,10,12,14,15,18,22,24,28,36 Dual Pos Contacts, Preloaded Posted Contact		0R13af
35	583888		ST	Fing			NYL		6,8,10,12,14,15,18,22,24,28,36 Dual Pos Contacts, With Inserts		0R13af
36	EWD	A	ST	Fing		1.00	DAP	Y	Force 8oz INS, 2oz SEP per Pole		39R2
37	71006		ST	Fing			PLYR		PC Tail Only, Robotically Insertable		71R11
38	AXC	A	ST	Opt		1.00	PBT	O	34,44,56,60,72,86 Contacts, Optional Mounting Flange	ARO06	90R2
39	CR15		ST	Fing		1.00			With or Without Mounting Ears		
40	8100	A	ST	Othr		.600	PHEN	Y	30,36,44,56,60,62,70,72,80,86,100 Contact, See Mfr Number Key for Options	MRC02	4R2
41	8100	B	90	Othr		.600	PHEN	Y	30,36,44,56,60,62,70,72,80,86,100 Contact, See Mfr Number Key for Options	MRC02	4R2
42	HNG Series		ST	Fing		1.00	OPT	Y	36,56,62,86 Contacts	VKC07	0R13al
43	530666		ST				PLYR		6,10,12,15,18,22,24,25,28,30,36,43,44 Dual Contacts, W/O Mt Ears		0R17am
44	530668		ST				PLYR		6,10,12,15,18,22,24,25,28,30,36,43,44 Dual Contacts, W/O Mt Ears		0R17am
45	530676		ST	Fing			PLYR		6,10,12,15,18,22,24,25,28,30,36,43,44 Dual Contacts, W/Mt Ears and Insert		0R17am
46	530677		ST	Fing			PLYR		6,10,12,15,18,22,24,25,28,30,36,43,44 Dual Contacts, W/Mt Ears and Insert		0R17am
47	530679		ST	Fing			PLYR		6,10,12,15,18,22,24,25,28,30,36,43,44 Dual Contacts, W/Mt Ears and Insert		0R17am
48	583873		ST				NYL		6,10,15,18,22,25,28,30,31,36,40,44 Dual Pos Contacts, W/O Mounting Ears		0R14ae
49	583891		ST	Fing			NYL		6,10,15,18,22,25,28,30,31,36,40,44 Dual Pos Contacts, With Inserts		0R14ae
50	583895		ST	Fing			NYL		6,10,15,18,22,25,28,30,31,36,40,44 Dual Pos Contacts, Preloaded Post Cont		0R14ae
51	1258		ST	Fing		1.60	PBT		44,56,60,72,86,88 Contacts		46R3
52	ENT100	B	ST	Fing		.450	THPL	Y	Force 10oz INS, 1oz SEP per Contact Pair		39R6
53	EUD	B	ST	Othr		1.00	DAP		Force 8oz INS, 1oz SEP per Contact		39R5
54	EUT200	A	ST	Fing		.450	PLYR		Force 6oz INS, 1oz SEP per Contact Pair		39R5
55	EXT100	B	ST	Fing		.450	THPL	Y	Force 6oz INS, 1oz SEP per Contact Pair		39R6
56	EZD100	B	ST	Fing		.450	DAP	Y	Force 6oz INS, 1oz SEP per Contact Pair		39R6
57	SL192ST		ST						Ultem Insulator, Au or Ni Plating		15R1
58	937-098		ST			.800	PBT		Conforms to IBM PC/AT Connector Standard		46R8
59	225-804			Fing		.600	DAP	Y	44,60,86,100 Bifurcated Contacts		0R17ai
60	530661		ST	Fing			PLYR		6,10,15,18,22,28,30,31,36,40,43,50 Dual Pos Contacts, W/Mt Ears		0R17an
61	530662		ST	Fing			PLYR		6,10,15,18,22,28,30,31,36,40,43,50 Dual Pos Contacts, W/Mt Ears		0R17an
62	530664		ST	Fing			PLYR		6,10,15,18,22,28,30,31,36,40,43,50 Dual Pos Contacts, W/Mt Ears		0R17an
63	530671		ST				PLYR		6,10,15,18,22,28,30,31,36,40,43,50 Dual Pos Contacts, W/O Mt Ears		0R17an
64	530673		ST				PLYR		6,10,15,18,22,28,30,31,36,40,43,50 Dual Pos Contacts, W/O Mt Ears		0R17an
65	530682		ST	Fing			PLYR		6,10,15,18,22,28,30,31,36,40,43,50 Dual Pos Contacts, W/Mt Ears and Insert		0R17an
66	530683		ST	Fing			PLYR		6,10,15,18,22,28,30,31,36,40,43,50 Dual Pos Contacts, W/Mt Ears and Insert		0R17an
67	530685		ST	Fing			PLYR		6,10,15,18,22,28,30,31,36,40,43,50 Dual Pos Contacts, W/Mt Ears and Insert		0R17an
68	539894		ST	Fing			NYL		6,7,10,14,15,17,18,22,25,28,30,40,50 Dual Position Contacts Preloaded		0R14c
69	908-7	A	ST	Fing			PLYR	Y	Terminal Length for Wire Wrap 10.53 and 15.61mm, Hand Solder 7.48mm		0R17c
70	908-7	C	ST	Fing			PLYR	Y	Terminal is Staggered, Parallel or Offset Crank Pillar		0R17c
71	AM6125-200		ST			2.50	DAP	O	30,50,62,80,100 Contacts		0R17j
72	EZA	C		Othr		1.00	DAP	O	Force 2-12oz INS/SEP, Au or Sn Plating, See Mfr Dwg for Number of Contact	COMC01	0G01
73	EZA	D		Othr		1.00	DAP	O	Force 2-12oz INS/SEP, Au or Sn Plating, See Mfr Dwg for Number of Contact	COMC01	0G01
74	CG SERIES			Othr		1.00	PBT	Y	30,36,44,56,60,62,70,72,80,86,100 Contacts	EBY06	41R4
75	CW SERIES			Othr		1.00	PHEN	Y	12,20,30,36,44,50,56,62,72,80,86,100 Contacts	EBY07	41R5
76	346	B		Othr		1.00	DAP	Y	6,7,10,15,18,22,24,25,28,30,31,35,36,40,43,50 Pin x2 Config Available	EDAC01	0R17y
77	396	B		Othr		1.00	PHEN	Y	6,7,10,15,18,22,24,25,28,30,31,35,36,40,43,50 Pin x2 Config Available	EDAC01	0R17y
78	A4D		ST	Othr		.600	THPL	Y	20,30,44,50,56,60,62,72,80,86,100 Contacts	HEC02	71R7
79	A7D	A	ST	Othr		.600	THPL	Y	12,20,30,36,40,44,50,56,60,70,72,80,86,100 Contacts	HEC02	71R10
80	A7D	B	ST	Othr		.600	THPL	Y	12,20,30,36,40,44,50,56,60,70,72,80,86,100 Contacts	HEC02	71R10
81	C4	A	ST	Othr		1.00	THPL	Y	12,20,28,30,36,40,44,56,60,72,70,72,74,80,86,88,98,100 Contacts	HEC01	71R2
82	C4	B	ST	Othr		1.00	THPL	Y	12,20,28,30,36,40,44,56,60,62,70,72,74,80,86,88,98,100 Contacts	HEC01	71R2
83	4640		ST	Fing		.800	PBT		44,48,56,60,62,72,86,88,100 Contacts, Bifurcated		0R13ap
84	4820		ST	Fing		1.60	PBT		40,60,80,100 Contacts, Bifurcated		0R13ak
85	173		ST	Othr		.500	DAP	Y	30,40,50,60,80,100 Contacts, See Mfr Number Key for Options	MEI02	64R4
86	8100	C	ST	Othr		.600	PLYR	Y	30,36,44,56,60,62,70,72,80,86,100 Contact, See Mfr Number Key for Option	MRC02	4R2
87	8100	D	90	Othr		.600	PLYR	Y	30,36,44,56,60,62,70,72,80,86,100 Contact, See Mfr Number Key for Options	MRC02	4R2
88	EZA	C	ST	Othr		.800	PBT	O	Lo Profile, Force 16oz INS, 1oz SEP, Add'l Attributes, See Mfr Number Key	SUL01	47R3

SOCKETS, EDGE CARD PRODUCT SELECTION

Line No.	Type Identification	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number		
		Variation	Angle	Type	EMI	DWV (KV)					Material	
2 ROWS, DOUBLE READOUT, PITCH MISC. (Cont'd)												
1	EZA	D	90	Othr		.800	PBT	O	Lo Profile, Force 16oz INS, 1oz SEP,Add'l Attributes, See Mfr Number Ke	SUL01	47R3	
2	EZA	G	ST	Othr		.800	PBT	O	Hi Profile, Force 16oz Ins, 1oz SEP,Add'l Attributes, See Mfr Number Ke	SUL01	47R4	
3	EZA	H	90	Othr		.800	PBT	O	Hi Profile, Force 16oz Ins, 1oz SEP,Add'l Attributes, See Mfr Number Ke	SUL01	47R4	
4	EZA	J	ST	Othr		.800	PBT	Y	Hi Profile, Force 16oz Ins, 1oz SEP,Add'l Attributes, See Mfr Number Ke	SUL01	47R5	
5	05		ST	Fing			1.00	PBT	O	Ref Drawing For Contact Arrangements,Center Mount,Min Norm Force 150gram	TPI02	69R3
6	CDD Series		ST	Fing			1.00	OPT	Y	20,30,36,44,56,62,70,72,80,100 Contacts	VKC04	0R15g
7	CE Series		ST	Fing		1.00	OPT	Y	20,30,36,44,56,62,70,72,80,100 Contacts	VKC04	0R15g	
8	CN Series		ST	Fing		1.00	OPT	Y	20,30,36,44,56,62,70,72,80,100 Contacts	VKC04	0R15g	
9	CND Series		ST	Fing		1.00	OPT	Y	20,28,30,36,44,56,60,62,70,72,80,88,100 Contacts	VKC05	0R13ak	
10	CNK Series		ST	Fing		1.00	OPT	Y	20,28,30,36,44,56,60,62,70,72,80,88,100 Contacts	VKC05	0R13ak	
11	CV Series		ST	Fing		1.00	OPT	Y	20,30,36,44,56,62,70,72,80,100 Contacts	VKC04	0R15g	
12	6050		ST			1.00	DAP	O	40,60,100,120 Contacts	CCC12	0R17f	
13	6125-2	A	ST			1.00	DAP	O	56,100,114,120 Contacts	CCC10	0R13e	
14	6125-2	B	ST			1.00	DAP	O	56,100,114,120 Contacts,Choice of Termination Length and Mounting Style	CCC10	0R13e	
15	6125-2	C	90			1.00	DAP	O	56,100,114,120 Contacts,Choice of Termination Length and Mounting Style	CCC10	0R13e	
16	FCN22	A	90			.500	PBT		30,34,40,50,60,62,80,92,100,120 Contacts	FCA02	34R16	
17	FCN22	B	ST			.500	PBT		30,34,40,50,60,62,80,92,100,120 Contacts	FCA02	34R16	
18	LV Series		ST	Fing		.375	DAP	Y	12,20,30,50,60,80,128 Contacts	VKC01	5R1	
19	LZ Series		ST	Fing		.375	DAP	Y	Staggered Rows,12,20,30,50,60,80,128 Contacts	VKC01	5R1	
20	532256		ST	Fing			PLYR		22,25,28,36,40,42,43,50,60,65 Dual Pos Contacts,Rotary Cam ZIF Connector		29R16	
21	532296		ST	Fing			PLYR		22,25,28,36,40,42,43,50,60,65 Dual Pos Contacts,Rotary Cam ZIF Connector		29R16	
22	532297		ST	Fing			PLYR		22,25,28,36,40,42,43,50,60,65 Dual Pos Contacts,Rotary Cam ZIF Connector		29R16	
23	532552		90	Fing			PLYR		22,25,28,36,40,42,43,50,60,65 Dual Pos Contacts,Rotary Cam ZIF Connector		29R16	
24	FC600		ST	Fing		1.00	DAP		20,28,44,80,100,110,128,132 Contacts		0R17o	
25	FC650		ST	Fing		1.00	DAP		20,28,44,80,100,110,128,132 Contacts		20P19	
26	600-6PC		ST	Fing		1.00	DAP		20,28,44,80,100,110,128,132 Contacts,Termination Length 10.9mm	CCC03	0R17f	
27	6125	A	ST	Fing		2.10	DAP		Choice of Terminal Length (Square), and Mounting Style		0R13d	
28	6125	B	ST	Fing		2.10	DAP		Choice of Terminal Length (Round), and Mounting Style		0R13d	
29	HN Series		ST	Fing		1.00	OPT	Y	Ins.2-16oz.Sep.1.0oz.	VKC06	0R15h	
30	HV Series		ST	Fing		1.00	OPT	Y	Ins.2-16oz.Sep.1.0oz.	VKC06	0R15h	
31	SL256		ST						Uitem Insulator,Au or Ni Plating,Female to Female Edgecard Connector		15R2	

SOCKETS, TWO-PIECE PRODUCT SELECTION

Line No.	D.A.T.A. Mfr. Code	Type Identification	Variation	Approvals							Number (flange)	Option	Type	Contact					Contact Termination																						
				CSA	IEC	MIL	UL	VG	VDE	Other				Entry	Resistance (mOhm)	Current (Amp)	Material	Plating	Angle	Crimp	Cup	IDC	Loop	Post	Press Fit	Screw	Quick	Spring	Surface	Turret	Wrap	Other									
1 ROW																																									
1	AMP	350354	A	•							2&3	S	Cantil	C	5.0	1.0	PBrz	Au	ST																						
2	MLX	70156									4		Socket	O	5	8.0	PBrz	Sn	ST																						
3	UCI	UPCC-FCDN-7				•					7		Socket			7.0	PBrz	Au	ST																						
4	AEI	CP10S				•					10		Socket			7.0	BeCu	Au	ST																						
5	AEI	CP10S				•					10		Socket			7.0	BeCu	Au	ST																						
6	BVE	229	D								3-10		Socket						ST																						
7	ENT	P2,5	C								2-10		Socket			1.0			ST																						
8	ENT	P2,5	D								2-10		Socket			1.0			ST																						
9	LUM	KB									2-10		Fork			1.0	CuZn	Sn	ST																						
10	LUM	KBQ									2-10		Fork			1.0	CuZn	Sn	ST																						
11	LUM	KBW									2-10		Fork			1.0	CuZn	Sn	90																						
12	LUM	KBWO									2-10		Fork			1.0	CuZn	Sn	90																						
13	WDM	STV2/10	C	•							2-10		Socket			1.0			ST																						
14	WDM	STV2/10	D	•							2-10		Socket			2.0			ST																						
15	WDM	STV4/10	C	•							4-10		Socket			1.0			ST																						
16	WDM	STV4/10	D	•							4-10		Socket			2.0			ST																						
17	WDM	STW2/10	C	•							2-10		Socket			1.0			90																						
18	WDM	STW2/10	D	•							10-10		Socket			2.0			90																						
19	UCI	UPCC-FCDN-11									11		Socket	O		7.0	PBrz	Au	ST																						
20	AEI	CP12S									12		Socket			7.0	BeCu	Au	ST																						
21	AEI	CP12S									12		Socket			7.0	BeCu	Au	ST																						
22	HPT	KS12/254	B								12		Socket	C	5.0	4.0	Opt	Au	ST																						
23	HPT	KS12/254	D								12		Socket	C	5.0	4.0	Opt	Au	90																						
24	KIPE	BLH SERIES		•							2-12		Socket			10			90																						
25	ENT	CPE5	A								3-15		Socket			5.0			ST																						
26	ENT	CPE5	B								3-15		Socket			5.0			ST																						
27	MEI	16324		•							4-15		Socket			7.0	Cu	O	90																						
28	MEI	16463		•							4-15		Socket			7.0	Cu	O	ST																						
29	MEI	16546		•							4-15		Socket			7.0	Cu	O	ST																						
30	UCI	UPCC-FCDN-15									15		Socket	O		7.0	PBrz	Au	ST																						
31	WDM	BL	A	•							2-15		Socket			8.0			ST																						
32	WDM	BL	B	•							2-15		Socket			8.0			ST																						
33	DECC	109									2-16		Socket						ST																						
34	DECC	111									2-16		Socket						ST																						
35	HPT	KE SERIES	B								4-16		Socket		1.0	1.0	Opt	Au	ST																						
36	HPT	KE SERIES	D								4-16		Socket		1.0	1.0	Opt	Au	90																						
37	KIPE	BL SERIES		•							2-16		Socket			8.0			ST																						
38	HARE	M80-899									2-17		Socket			20	2.0	BeCu	Au	ST																					
39	HARE	M80-899									2-17		Socket			20	2.0	BeCu	Au	ST																					
40	UCI	UPCC-FCDN-19									19		Socket	O		7.0	PBrz	Au	ST																						
41	AAP	15137									2-20		Socket			1.0			ST																						
42	CCC	CML10S									1-20		Socket			10	3.0	BeCu	Au	ST																					
43	CCC	ML10S									1-20		Socket			10	3.0	PBrz	Au	ST																					
44	DECC	112									2-20		Socket						ST																						
45	DUP	67096									2-20		Cantil			20	2.0	PBrz	Sn	ST																					
46	EVT	8140SS	A	•							2-20		Spec				Bras	Ni	ST																						
47	EVT	8140SS	B	•							2-20		Spec				Bras	Ni	ST																						
48	EVT	8141SS		•							2-20		Spec				Bras	Ni	ST																						
49	LUM	2,5 MBX									2-20		Fork			10	5.0	CuSn	Sn	ST																					
50	LUM	2,5 MBX/AE									2-20		Fork			10	5.0	CuSn	Sn	ST																					
51	LUM	2,5 MBXK																																							

SOCKETS, TWO-PIECE PRODUCT SELECTION

Line No.	Type Identification	Mounting		Insulator		Polarization	Additional Features	Mfr. Order Key	Drawing Number		
		Variation	Angle	Type	EMI					DWV (KV)	Material
1 ROW											
1	350354	A	ST			2.50	NYL	Y	Contact Plating Au or Sn,2,3,4,6,9,12,15 Contact		29R11
2	70156		ST			1.50	NYL		Wire To Board Connector,Mated With 8981 Header		38R27
3	UPCC-FCDN-7		ST	Fing		1.00	DAP	Y	Non MIL Version Available, Qual to MIL-C-55302/34		112R1
4	CP10S		ST	Gide		2.70	DAP		Polarizing Guide Mounted to Panel or PCB	AEI01	1R06
5	CP10S		ST	Gide		2.70	DAP		Polarizing Guide Mounted to Panel or PCB	AEI01	1R06
6	229	D	ST				NYL	Y	3,4,6,9,10 Contacts		36P2
7	P2,5	C	ST						2,3,4,5,6,7,8,9,10 Poles:1 Pin Per Pole,Wire Entry Parallel to P.C.B.		78R2
8	P2,5	D	ST						2,3,4,5,6,7,8,9,10 Poles,1 Pin Per Pole,Wire Entry 45 Degrees to P.C.B.		78R2
9	KB					3.00	PLYM		2-6,8,9,10 Contacts		63R19
10	KBQ					3.00	PLYM		2-6,8,9,10 Contacts, Quad-In-Line Solder Terminals		63R20
11	KBW					3.00	PLYM		2-6,8,9,10 Contacts, With PCB Locking Clamp		63R21
12	KBWO					3.00	PLYM		2-6,8,9,10 Contacts, Without PCB Locking Clamp		63R22
13	STV2/10	C	ST	Fing		.300	PLYM		Wire Size 20-14 AWG		72R2
14	STV2/10	D	ST	Fing		.300	PLYM		Wire Size 22-12		72R2
15	STV4/10	C	90			.300	PLYM		Wire Size 20-14 AWG		
16	STV4/10	D	90			.600	PLYM		Wire Size 22-12 AWG		
17	STW2/10	C	90	Fing		.300	PLYM		Wire Size 20-14 AWG		72R2
18	STW2/10	D	90	Fing		.300	PLYM		Wire Size 22-12 AWG		72R2
19	UPCC-FCDN-11		ST	Fing		1.00	DAP	Y	Non MIL Version Available, Qual to MIL-C-55302/34		112R1
20	CP12S		ST	Gide		2.70	DAP		Polarizing Guide Mounted to Panel or PCB	AEI01	1R07
21	CP12S		ST	Gide		2.70	DAP		Polarizing Guide Mounted to Panel or PCB	AEI01	1R07
22	KS12/254	B		Gide		1.00	DAP		Brass or PBrz Contacts		62R13
23	KS12/254	D		Gide		1.00	DAP		Brass or PBrz Contacts		62R13
24	BLH SERIES						PLYM		Use With ST1.6 Posts,VDE0110 Rated Voltage Grp A=380,B=125,C=60 Vac		117G2
25	CPE5	A	ST						3,4,5,6,8,10,12,15 Poles,Vertical Mounting		78R1
26	CPE5	B	ST						3,4,5,6,8,10,12,15 Poles,Horizontal Mounting		78R1
27	16324								Contact Plating Au or Sn,24oz Ins.,4oz Sep., Right Angle Entry		8R3
28	16463								Contact Plating Au or Sn,24oz Ins.,4oz Sep., Bottom Entry		8R2
29	16546								Contact Plating Au or Sn,24oz Ins.,4oz Sep., Top Entry		8R1
30	UPCC-FCDN-15		ST	Fing		1.00	DAP	Y	Non MIL Version Available, Qual to MIL-C-55302/34		112R1
31	BL	A				.300	PLYM		Wire Size 22-14 AWG		72R1
32	BL	B				.300	PLYM		Wire Size 22-14 AWG		72R1
33	109		ST						2 Thru 16 Contacts,With Locking Ramp		
34	111		ST						2 Thru 20 Contacts,Without Locking Ramp		
35	KE SERIES	B	90	Thru		3.00	DAP		4,8,16 Contacts	HPT05	62R10
36	KE SERIES	D	90	Thru		3.00	DAP		4,8,16 Contacts	HPT05	62R10
37	BL SERIES						PLYM	Y	Rated Voltage VDE0110 Grp A=660,B=380,C=250 Vac,Screw Clamp Termination		117G1
38	M80-899					.350	PLYR	Y	2,3,4,5,6,7,17 Contacts,Large Bore and Small Bore Crimp		25R4
39	M80-899					.350	PLYR	Y	2,3,4,5,6,7,17 Contacts,Large Bore and Small Bore Crimp		25R4
40	UPCC-FCDN-19		ST	Fing		1.00	DAP	Y	Non MIL Version Available, Qual to MIL-C-55302/34		112R1
41	15137						PLYM		14-22 AWG Wire, End to End Stackable		37R6
42	CML10S		ST	Fing		1.00	DAP		Termination Lead Length 3.56,4.37 and 5.94mm	CCC09	20R8
43	ML10S		ST	Fing		1.00	DAP		Termination Lead Length 3.56,4.37 and 5.94mm	CCC09	20R8
44	112		ST				NYL	Y	2 Thru 20 Contacts,With Locking Ramp		84P3
45	67096					.750	PBT		2,3,4,...-20 Contacts		12R3
46	8140SS	A	90				PLAS		Two Piece Terminal Block		109R2
47	8140SS	B	90				PLAS		Two Piece Terminal Block		109R3
48	8141SS		90				PLAS		Two Piece Terminal Block		109R2
49	2,5 MBX					2.00	PLCB		2-20 Contacts, Miniature		63R1
50	2,5 MBX/AE					2.00	PLCB	O	2-20 Contacts, Miniature, With Removable Locating Pins (2)		63R2
51	2,5 MBXK					2.00	PLCB	O	2-20 Contacts, Miniature, With Receptacle to Polarizing Pin		63R3
52	KD SERIES	B	90	Thru		2.20	DAP		5,10,16,22 Contacts	HPT04	62R9
53	KD SERIES	D	90	Thru		2.20	DAP		5,10,16,22 Contacts	HPT04	62R9
54	UPCC-FCDN-23		ST	Fing		1.00	DAP	Y	Non MIL Version Available, Qual to MIL-C55302/34		112R1
55	MSTB/ST	A	ST				PLYM	Y	2 Thru 24 Contacts		104R1
56	MSTB/ST	B	ST				PLYM	Y	2 Thru 24 Contacts		104R1
57	MVSTBR	A	ST				PLYM	Y	2 Thru 24 Contacts		
58	MVSTBR	B	ST				PLYM	Y	2 Thru 24 Contacts		
59	MVSTBW	A	ST				PLYM	Y	2 Thru 24 Contacts,"Bottom" Entry		
60	401			Fing			THPL	Y			
61	UPCC-FCDN-32		ST	Fing		1.00	DAP	Y	Non MIL Version Available, Qual to MIL-C-55302/34		112R1
62	SBQ						PLYR		1,2,3,...-36 Contacts, See Mfr Number Key for Options	RNI05	107R2
63	IDD-36	A					PLYR		36 Contacts Standard, 8oz INS and SEP	SMI29	
64	IDS-36						PLYR		36 Contacts Standard, 8oz INS and SEP	SMI29	
65	IDSS-36						PLYR		36 Contacts Standard, 4oz INS, 3oz SEP	SMI27	
66	A-57/14F		ST	Fing		.500	PLYR	Y	14,24,36,50 Contacts		0G03
67	A-57/36F-A		ST	Fing		.500	PLYR	Y			0G03
68	68684					1.00	PBT		Single Row, Dual Entry, Duplex Plated, Au/Ni, Dual Beam Box Contact		12R4a
69	68685					1.00	PBT		Single Row, Top Entry, Duplex Plated, Au/Ni, Dual Beam Box Contact		12R4a
70	M80-802					.350	PLYR	Y	Contact Plating Au or Sn,5,10,15,20,25,30,40,50 Contacts		25R5
71	M80-802					.350	PLYR	Y	Contact Plating Au or Sn,5,10,15,20,25,30,40,50 Contacts		25R5
72	M80-803					.350	PLYR	Y	Contact Plating Au or Sn,5,10,15,20,25,30,40,50 Contacts		25R6
73	M80-803					.350	PLYR	Y	Contact Plating Au or Sn,5,10,15,20,25,30,40,50 Contacts		25R6
2 ROWS											
74	350354	B	ST			2.50	NYL	Y	Contact Plating Au or Sn		29R11
75	DEP7K	A	ST	Gide		1.00	DAP	Y	Contact Material Pbrz or BeCu,Polarizing Guide Mounted to Panel or PCB	AEI01	1R02
76	DEP7K	A	ST	Gide		1.00	DAP	Y	Contact Material Pbrz or BeCu,Polarizing Guide Mounted to Panel or PCB	AEI01	1R02
77	DEP7K	B	ST	Gide		1.00	DAP	Y	Contact Material Pbrz or BeCu,Polarizing Guide Mounted to Panel or PCB	AEI01	1R02
78	DEP7K	B	ST	Gide		1.00	DAP	Y	Contact Material Pbrz or BeCu,Polarizing Guide Mounted to Panel or PCB	AEI01	1R02
79	DEP7K		ST	Gide		1.00	DAP	Y	Contact Material Pbrz or BeCu,Polarizing Guide Mounted to Panel or PCB	AEI01	1R02
80	DEP7S		ST	Gide		1.00	DAP	Y	Contact Material Pbrz or BeCu,Polarizing Guide Mounted to Panel or PCB	AEI01	1R02
81	EP7S		ST	Gide		2.25	DAP	Y	Polarizing Guide Mounted to Panel or PCB	AEI01	1R04a
82	EP7S		ST	Gide		2.25	DAP	Y	Polarizing Guide Mounted to Panel or PCB	AEI01	1R04a
83	M7	B		Thru		1.70			Conform to MIL-C-28748, Pin and Socket Inter with Plug and Recept Housin		0R1a
84	S-12364		ST	Stud		1.00			Grid Spacing 3 Pins @ 3.5mm 1 Pin @ 5mm Down Row x 5mm Between Rows		17R1
85	CSMM	B	ST			1.00	DAP	Y	4,5,7,9 Contacts,Term. Lengths 2.67,3.56,4.32,5.08,6.35,9.65 and 13.72mm	CCC15	0R3a

SOCKETS, TWO-PIECE PRODUCT SELECTION

Line No.	D.A.T.A. Mfr. Code	Type Identification	Variation	Approvals							Contact						Contact Termination																	
				CSA	IEC	MIL	UL	VG	VDE	Other	Number (Range)	Option	Type	Entry	Resistance (mOhm)	Current (Amp)	Material	Plating	Angle	Crimp	Cup	IDC	Loop	Post	Press Fit	Screw	Quick	Spring	Surface	Turret	Wrap	Other		
2 ROWS (Cont'd)																																		
1	CCC	CSMM4	A								4-9		Socket		5.0	5.0	BeCu	Au	90															
2	CTE	M9	B								9		Socket		2.5	5.0		Au	ST															
3	MMM	3473 SERIES		•		•					10		Socket			1.0	BeCu	Au	ST		•													•
4	AEI	DEP11K	A			•					11		Socket	C		7.0	Opt	Au	ST		•													
5	AEI	DEP11K	A			•					11		Socket	C		7.0	Opt	Au	ST		•													
6	AEI	DEP11K	B			•					11		Socket	C		7.0	Opt	Au	ST		•													
7	AEI	DEP11K	B			•					11		Socket	C		7.0	Opt	Au	ST		•													
8	AEI	DEP11K	C			•					11		Socket	C		7.0	Opt	Au	ST		•													
9	AEI	DEP11K	C			•					11		Socket	C		7.0	Opt	Au	ST		•													
10	AEI	DEP11K	D			•					11		Socket	C		7.0	Opt	Au	90															
11	AEI	DEP11K	D			•					11		Socket	C		7.0	Opt	Au	90															
12	AEI	DEP11S	A			•					11		Socket			7.0	Opt	Au	ST		•													
13	AEI	DEP11S	A			•					11		Socket			7.0	Opt	Au	ST		•													
14	AEI	DEP11S	B			•					11		Socket			7.0	Opt	Au	ST		•													
15	AEI	DEP11S	B			•					11		Socket			7.0	Opt	Au	ST		•													
16	AEI	DEP11S	C			•					11		Socket			7.0	Opt	Au	ST		•													
17	AEI	DEP11S	C			•					11		Socket			7.0	Opt	Au	ST		•													
18	UCI	UPCC-SGFCDN11				•					11		Socket	O		7.0	PBrz	Au	ST															
19	MMM	3385 SERIES		•		•					14		Socket			1.0	BeCu	Au	ST			•												
20	AEI	DEP15K	A			•					15		Socket	C		7.0	Opt	Au	ST															
21	AEI	DEP15K	A			•					15		Socket	C		7.0	Opt	Au	ST															
22	AEI	DEP15K	B			•					15		Socket	C		7.0	Opt	Au	ST															
23	AEI	DEP15K	B			•					15		Socket	C		7.0	Opt	Au	ST															
24	AEI	DEP15K	C			•					15		Socket	C		7.0	Opt	Au	ST															
25	AEI	DEP15K	C			•					15		Socket	C		7.0	Opt	Au	ST															
26	AEI	DEP15K	D			•					15		Socket	C		7.0	Opt	Au	90															
27	AEI	DEP15K	D			•					15		Socket	C		7.0	Opt	Au	90															
28	AEI	DEP15K	E			•					15		Socket	C		7.0	Opt	Au	90															
29	AEI	DEP15K	E			•					15		Socket	C		7.0	Opt	Au	90															
30	AEI	DEP15S	A			•					15		Socket			7.0	Opt	Au	ST															
31	AEI	DEP15S	A			•					15		Socket			7.0	Opt	Au	ST															
32	AEI	DEP15S	B			•					15		Socket			3.0	Opt	Au	ST															
33	AEI	DEP15S	B			•					15		Socket			3.0	Opt	Au	ST															
34	AEI	DEP15S	C			•					15		Socket			7.0	Opt	Au	ST															
35	AEI	DEP15S	C			•					15		Socket			7.0	Opt	Au	ST															
36	AEI	EP15S				•					15		Socket			7.0	PBrz	Au	ST															
37	AEI	EP15S				•					15		Socket			7.0	PBrz	Au	ST															
38	ELO	8129	A			•					6-15		Hermap		6.0	5.0	PBrz	Au	ST															
39	ELO	8129	C			•					6-15		Hermap		6.0	5.0	PBrz	Au	90															
40	ELO	8229	A			•					6-15	S	Hermap		6.0	5.0	PBrz	Au	ST															
41	ELO	8229	C			•					6-15	S	Hermap		6.0	5.0	PBrz	Au	90															
42	MMM	3452 SERIES		•		•					16		Socket			1.0	BeCu	Au	ST															
43	UCI	UPCC-SGFCDN17				•					17		Socket	O		7.0	PBrz	Au	ST															
44	AEI	EP19S				•					19		Socket			7.0	PBrz	Au	ST															
45	AEI	EP19S				•					19		Socket			7.0	PBrz	Au	ST															
46	AEI	DL20S				•					20		Socket				Bras	Au	ST															
47	AEI	DL20S				•					20		Socket				Bras	Au	ST															
48	CTE	11.00	C			•					8-20		Socket		5.0	10	Cu	Ag	ST															
49	MMM	3421 SERIES		•		•					20		Socket			1.0	BeCu	Au	ST															
50	RSCB	488				•					10&20		Socket			1.0		Au	ST															
51	HRS	SMQ-5S				•					5-21		Socket		8.0	3.0	PBrz	Ag	ST															
52	HRS	SMQ-5SC				•					5-21		Pin		8.0	3.0	PBrz	Ag	ST															
53	SMK	CSS5021	A			•					21		Socket			20	3.0		ST															
54	SMK	CSS5021	B			•					21		Socket			20	3.0		ST															
55	SMK	S-12204				•					21		Socket			3.0			90															
56	AEI	AP23S	A			•					23		Socket			3.0	BeCu	Au	ST															
57	AEI	AP23S	A			•					23		Socket			3.0	BeCu	Au	ST															
58	AEI	AP23S	B			•					23		Socket			3.0	BeCu	Au	ST															
59	AEI	AP23S	B			•					23		Socket			3.0	BeCu	Au	ST															
60	AEI	DEP23K	A			•					23		Socket	C		7.0	Opt	Au	ST															
61	AEI	DEP23K	A			•					23		Socket	C		7.0	Opt	Au	ST															
62	AEI	DEP23K	B			•					23		Socket	C		7.0	Opt	Au	ST															

SOCKETS, TWO-PIECE PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type	EMI	DWV (KV)	Material				
2 ROWS (Cont'd)											
1	CSMM4	A	ST			1.00	DAP	Y	4,5,7,9 Contacts, Termination Lengths 2.36, 3.18 and 3.96mm	CCC15	20R17
2	M9	B		Thru		1.70	DAP	Y	Conform to MIL-C-28748, Pin and Socket Inter with Plug and Recept Housin		0R1b
3	3473 SERIES					1.00	THPL	Y	MIL-C-83503 Approved, Open or Closed End Covers, W/Wo Strain Relief		0R18f
4	DEP11K	A	90	Rivt		1.00	DAP	Y	Contact Material PBrz or BeCu, Rivet Mounted to PCB	AEI01	1R02a
5	DEP11K	A	90	Rivt		1.00	DAP	Y	Contact Material PBrz or BeCu, Rivet Mounted to PCB	AEI01	1R02a
6	DEP11K	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or BeCu, Stud Mounted to PCB	AEI01	1R02a
7	DEP11K	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or BeCu, Stud Mounted to PCB	AEI01	1R02a
8	DEP11K	C	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Guide Mounted to Panel or PCB	AEI01	1R02a
9	DEP11K	C	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Guide Mounted to Panel or PCB	AEI01	1R02a
10	DEP11K	D	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Guide Mounted to Panel or PCB	AEI01	1R02a
11	DEP11K	D	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Guide Mounted to Panel or PCB	AEI01	1R02a
12	DEP11S	A	90	Rivt		1.00	DAP	Y	Contact Material PBrz BeCu, Rivet Mounted to PCB	AEI01	1R02a
13	DEP11S	A	90	Rivt		1.00	DAP	Y	Contact Material PBrz BeCu, Rivet Mounted to PCB	AEI01	1R02a
14	DEP11S	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or BeCu, Stud Mounted to PCB	AEI01	1R02a
15	DEP11S	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or BeCu, Stud Mounted to PCB	AEI01	1R02a
16	DEP11S	C	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Guide Mounted to Panel or PCB	AEI01	1R02a
17	DEP11S	C	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Guide Mounted to Panel or PCB	AEI01	1R02a
18	UPCC-SGFCDN11	ST	Fing			1.00	DAP	Y	Qual to MIL-C-55302/37		112R2
19	3385 SERIES					1.00	THPL	Y	MIL-C-83503 Approved, Open or Closed End Covers, W/Wo Strain Relief		0R17as
20	DEP15K	A	90	Rivt		1.00	DAP	Y	Contact Material PBrz or BeCu, Rivet Mounted to PCB	AEI01	1R02b
21	DEP15K	A	90	Rivt		1.00	DAP	Y	Contact Material PBrz or BeCu, Rivet Mounted to PCB	AEI01	1R02b
22	DEP15K	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or BeCu, Stud Mounted to PCB	AEI01	1R02b
23	DEP15K	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or BeCu, Stud Mounted to PCB	AEI01	1R02b
24	DEP15K	C	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1P02b
25	DEP15K	C	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1P02b
26	DEP15K	D	90	Stud		1.00	DAP	Y	Contact Material PBrz or BeCu, Stud Mounted to PCB	AEI01	1R02b
27	DEP15K	D	90	Stud		1.00	DAP	Y	Contact Material PBrz or BeCu, Stud Mounted to PCB	AEI01	1R02b
28	DEP15K	E	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1R02b
29	DEP15K	E	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1R02b
30	DEP15S	A	90	Rivt		1.00	DAP	Y	Contact Material PBrz or BeCu, Rivet Mounted to PCB	AEI01	1R02b
31	DEP15S	A	90	Rivt		1.00	DAP	Y	Contact Material PBrz or BeCu, Rivet Mounted to PCB	AEI01	1R02b
32	DEP15S	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or BeCu, Stud mounted to PCB	AEI01	1R02b
33	DEP15S	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or BeCu, Stud mounted to PCB	AEI01	1R02b
34	DEP15S	C	90	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1R02b
35	DEP15S	C	90	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1R02b
36	EP15S	ST	Guide			2.25	DAP	Y	Polarizing Guide Mounted to Panel or PCB	AEI01	1R04b
37	EP15S	ST	Guide			2.25	DAP	Y	Polarizing Guide Mounted to Panel or PCB	AEI01	1R04b
38	8129	A	ST	Othr		1.00	DAP	Y	Force 2-8oz Per Contact INS/SEP, 6,9,10,12,15, Contact See Mfr Key	ELO14	121R8
39	8129	C	90	Othr		1.00	DAP	Y	Force 2-8oz Per Contact INS/SEP, 6,9,10,12,15 Contact, See Mfr Key	ELO14	121R8
40	8229	A	ST	Fing		1.00	DAP	Y	Force 2-8oz Per Contact INS/SEP, 6,9,10,12,15 Contact, See Mfr Key	ELO15	121R9
41	8229	C	90	Fing		1.00	DAP	Y	Force 2-8oz Per Contact INS/SEP, 6,9,10,12,15 Contact, See Mfr Key	ELO15	121R9
42	3452 SERIES					1.00	THPL	Y	MIL-C-83503 Approved, Open or Closed End Covers, W/Wo Strain Relief		0R22p
43	UPCC-SGFCDN17	ST	Fing			1.00	DAP	Y	Qual to MIL-C-55302/37		112R2
44	EP19S	ST	Guide			2.25	DAP	Y	Polarizing Guide Mounted to Panel or PCB	AEI01	1R04c
45	EP19S	ST	Guide			2.25	DAP	Y	Polarizing Guide Mounted to Panel or PCB	AEI01	1R04c
46	DL20S						DAP	Y	Mate With DL20P Plug	AEI01	1R09
47	DL20S						DAP	Y	Mate With DL20P Plug	AEI01	1R09
48	11.00	C		Thru		1.30	PBT	Y	8,12,16,20,30 Contacts, Asymmetrical		0R9c
49	3421 SERIES					1.00	THPL	Y	MIL-C-83503 Approved, Open or Closed End Covers, W/Wo Strain Relief		0R22q
50	488						THPL	Y	Plug and Socket Pairs		0R17s
51	SMQ-5S	ST				.500	EPXY	Y	5,9,15,21 Contacts		70R5
52	SMQ-5SC	A	ST	Fing		.800	EPXY	Y	5,9,15,21 Contacts		70R6
53	CSS5021	A	ST	Fing		.800		Y	Polarized Shell		17R2
54	CSS5021	B	ST	Fing		.800		Y	Polarized Shell, Extended Depth, Countersunk Flange Mount		17R4
55	S-12204	ST	Fing			.800		Y	Polarized Shell, PCB Locking Latches		17R3
56	AP23S	A	ST	Rivt		1.00	DAP	Y	Rivet Mounted To PCB or Panel	AEI01	1R01
57	AP23S	A	ST	Rivt		1.00	DAP	Y	Rivet Mounted To PCB or Panel	AEI01	1R01
58	AP23S	B	ST	Othr		1.00	DAP	Y	Chassis (Panel) Mount	AEI01	1R01
59	AP23S	B	ST	Othr		1.00	DAP	Y	Chassis (Panel) Mount	AEI01	1R01
60	DEP23K	A	90	Rivt		1.00	DAP	Y	Contact Material PBrz or BeCu, Rivet Mounted to PCB	AEI01	1R02c
61	DEP23K	A	90	Rivt		1.00	DAP	Y	Contact Material PBrz or BeCu, Rivet Mounted to PCB	AEI01	1R02c
62	DEP23K	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or BeCu, Stud mounted to PCB	AEI01	1R02c
63	DEP23K	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or BeCu, Stud mounted to PCB	AEI01	1R02c
64	DEP23K	C	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI10	1R02c
65	DEP23K	C	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1R02c
66	DEP23K	D	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1R02c
67	DEP23K	D	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1R02c
68	DEP23M	C	90	Inst		1.00	DAP	Y	Contact Material PBrz or Bras, Insert for Screw Mounting to PCB	AEI01	1P03b
69	DEP23M	C	90	Inst		1.00	DAP	Y	Contact Material PBrz or Bras, Insert for Screw Mounting to PCB	AEI01	1P03b
70	DEP23S	A	90	Rivt		1.00	DAP	Y	Connector Material Pbrz or BeCu, Rivet Mounted to PCB	AEI01	1R02c
71	DEP23S	A	90	Rivt		1.00	DAP	Y	Connector Material Pbrz or BeCu, Rivet Mounted to PCB	AEI01	1R02c
72	DEP23S	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or BeCu, Stud Mounted to PCB	AEI01	1R02c
73	DEP23S	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or BeCu, Stud Mounted to PCB	AEI01	1R02c
74	DEP23S	C	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1R02c
75	DEP23S	C	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1R02c
76	UPCC-SGFCDN23	ST	Fing			1.00	DAP	Y	Qual to MIL-C-55302/37		112R2
77	CA-ES**	ST				.500	NYL	Y	Ins. 16oz., Sep. 3.5oz., 12,14,16,18,20,24 Contacts, 360 and 370 Compatibl	CAC38	0R32a
78	CA-MST24	ST				.500	NYL	Y	Ins. 16oz., Sep. 3.5oz., 370 Compatible	CAC37	0R33a
79	CA-SLT24	ST				.500	NYL	Y	Ins. 16oz., Sep. 3.5oz., 360 Compatible	CAC36	0R34a
80	EP25S	ST	Guide			2.25	DAP	Y	Polarizing Guide Mounted to Panel or PCB	AEI01	1R04d
81	EP25S	ST	Guide			2.25	DAP	Y	Polarizing Guide Mounted to Panel or PCB	AEI01	1R04d
82	11.03	C		Thru		1.00	PBT	Y	10,16,20,26 Contacts per DIN41618, Symmetrical		0R9c
83	3399 SERIES					1.00	THPL	Y	MIL-C-83503 Approved: Open or Closed End Covers, W/Wo Strain Relief		0R22r
84	UPCC-SGFCDM29	ST	Fing			1.00	DAP	Y	Qual to MIL-C-55302/37		112R2
85	A13-S2	ST	Fing				PLCB	Y	Contact Plating Au or Sn, 13,21,31 Contacts		79R3
86	140-100	90	Fing				DAP	Y			64R1
87	UPC2B	D	ST	Rivt		.500	DAP	Y	17,25,33 Contacts, Ultra Miniature PC Receptacle Solder Cup Termination		0R5a
88	M80-887					.350	PLYR	Y	Contact Plating Au or Sn, 4,6,8,10,12,14,16,18,20,26,34 Contacts		25R2

SOCKETS, TWO-PIECE PRODUCT SELECTION

Line No.	D.A.T.A. Mfr. Code	Type Identification	Variation	Approvals							Contact						Contact Termination																								
				CSA	IEC	MIL	UL	VG	VDE	Other	Number (Range)	Option	Type	Entry	Resistance (mOhm)	Current (Amp)	Material	Plating	Angle	Crimp	Cup	IDC	Loop	Post	Press Fit	Screw	Quick	Spring	Surface	Turret	Wrap	Other									
2 ROWS (Cont'd)																																									
1	HARE	M80-887									4-34		Socket		20	2.0	BeCu	O	ST																						
2	HARE	M80-889									4-34		Socket		20	2.0	BeCu	Au	ST																						
3	HARE	M80-889									4-34		Socket		20	2.0	BeCu	Au	ST																						
4	MMM	3414									34		Socket			1.0	BeCu	Au	ST																						
5	UCI	UPCC-SGFCDN35									35		Socket	O		7.0	PBrz	Au	ST																						
6	ASM	A57FD									36		Fork			5.0	Cu	Au	ST																						
7	ASM	A57FR/BO									36		Fork			5.0	Cu	Au	ST																						
8	ASM	A57FR/KL									36		Fork			5.0	Cu	Au	ST																						
9	FCAJ	FCN781P									24&36		Edgrd		30	3.0	PBrz	Au	ST																						
10	KAM	7011									12-36		Post		5.0	5.0	PBrz	Au	90																						
11	TBC	609 SERIES	J								36		Socket			1.0	Cu	Au	ST																						
12	AEI	DEP37K	A								37		Socket	C		7.0	Opt	Au	ST																						
13	AEI	DEP37K	B								37		Socket	C		7.0	Opt	Au	ST																						
14	AEI	DEP37K	B								37		Socket	C		7.0	Opt	Au	ST																						
15	AEI	DEP37K	B								37		Socket	C		7.0	Opt	Au	ST																						
16	AEI	DEP37K	C								37		Socket	C		7.0	Opt	Au	ST																						
17	AEI	DEP37K	C								37		Socket	C		7.0	Opt	Au	ST																						
18	AEI	DEP37K	D								37		Socket	C		7.0	Opt	Au	90																						
19	AEI	DEP37K	D								37		Socket	C		7.0	Opt	Au	90																						
20	AEI	DEP37K	E								37		Socket	C		7.0	Opt	Au	90																						
21	AEI	DEP37K	E								37		Socket	C		7.0	Opt	Au	90																						
22	AEI	DEP37S	A								37		Socket			7.0	Opt	Au	ST																						
23	AEI	DEP37S	A								37		Socket			7.0	Opt	Au	ST																						
24	AEI	DEP37S	B								37		Socket			7.0	Opt	Au	ST																						
25	AEI	DEP37S	B								37		Socket			7.0	Opt	Au	ST																						
26	AEI	DEP37S	C								37		Socket			7.0	Opt	Au	ST																						
27	AEI	DEP37S	C								37		Socket			7.0	Opt	Au	ST																						
28	CCC	145-5-7R									7-37		Socket		5.0	7.0	PBrz	Au	ST																						
29	ELO	7009									34&40	S	Hermap		6.0	1.0	PBrz	Sn	ST																						
30	MMM	3417									40		Socket			1.0	BeCu	Au	ST																						
31	BDY	UPC2A	B								17-41		Socket		20	3.0	BeCu	Au	ST																						
32	CCC	615-1-7S									7-41		Socket						ST																						
33	EDAC	424									17-41		Spec		6.0	1.0	PBrz	Au	ST																						
34	ELO	7024									17-41	S	Hermap		6.0	1.0	PBrz	Au	ST																						
35	MEI	140-137									41		Hermap		3.0	5.0	Cu	Au	90																						
36	TBC	609 SERIES	K								44		Socket			1.0	Cu	Au	ST																						
37	EDAC	408									17-47		Spec		6.0	1.0	PBrz	Au	ST																						
38	EDAC	415									17-47		Spec		6.0	8.0	PBrz	Au	ST																						
39	EDAC	438									17-47		Spec		6.0	8.0	PBrz	Au	ST																						
40	ELO	7008									17-47	S	Hermap		6.0	1.0	PBrz	Au	ST																						
41	ELO	7038									17-47	S	Hermap		6.0	8.0	PBrz	Au	ST																						
42	HPT	KC SERIES	B								29-47		Socket		1.0	1.0	Opt	Au	ST																						
43	HPT	KCID									29-47		Socket		1.0	1.0	Opt	Au	ST																						
44	HPT	KS SERIES	B								48		Socket	C	8.0	2.0	Opt	Au	ST																						
45	ASLH	ASCF									14-50		Socket		10	3.0	PBrz	Au	ST																						
46	ASLH	ASDS									9-50		Socket		3.0	5.0	PBrz	Au	ST																						
47	ASLH	ASDSLR									9-50		Socket		10	5.0	PBrz	Au	ST																						
48	ASLH	ASDSSR									9-50		Socket		30	3.0	PBrz	Au	ST																						
49	CCC	MM-22S	A								4-50		Socket		5.0	3.0	PBrz	Au	ST																						
50	CCC	MM-22S	B								4-50		Socket		5.0	3.0	PBrz	Au	90																						
51	MMM	3425 SERIES									50		Socket			1.0	BeCu	Au	ST																						
52	RSCB	467-2									10-50		Socket						ST																						
53	RSCB	469-8									10-50		Socket		15	3.0	BeCu	Au	ST																						
54	RSCB	474									10-50		Socket		15	3.0	BeCu	Au	ST																						
55	ELO	7020									51	S	Hermap		6.0	1																									

SOCKETS, TWO-PIECE PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		EMI	Insulator		Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type		DWV (KV)	Material				
2 ROWS (Cont'd)											
1	M80-887					.350	PLYR	Y	Contact Plating Au or Sn,4,6,8,10,12,14,16,18,20,26,34 Contacts		25R2
2	M80-889					.350	PLYR	Y	4,6,8,10,12,14,16,18,20,26,34 Contacts, Large Bore and Small Bore Crimp		25R3
3	M80-889					.350	PLYR	Y	4,6,8,10,12,14,16,18,20,26,34 Contacts, Large Bore and Small Bore Crimp		25R3
4	3414					1.00	THPL	Y	MIL-C-83503 Approved, Open or Closed End Covers, W/Wo Strain Relief		0R22s
5	UPCC-SGFCDN35		ST	Fing		1.00	DAP	Y	Qual to MIL-C-55302/37		112R2
6	A57FD		ST	Fing		.500	PLYR	Y	57 Ribbon Connector		0G03
7	A57FR/BO		ST	Fing		.500	PLYR	Y	57 Ribbon Connector		0G03
8	A57FR/KL		ST	Fing		.500	PLYR	Y	57 Ribbon Connector		0G03
9	FCN781P		ST	Fing		.500	PBT	Y	Force 480oz INS,25.6oz SEP, 24 & 36 Contacts		0G03
10	7011			90	Guide		PLYR		12,20,36 Contacts	KAM25	46R1
11	609 SERIES	J				.500	THPL		IEEE Standard Pending		68R3
12	DEP37K	A	90	Rivt		1.00	DAP	Y	Contact Material PBrz or BeCu	AEI01	1R02d
13	DEP37K	A	90	Rivt		1.00	DAP	Y	Contact Material PBrz or BeCu	AEI01	1R02d
14	DEP37K	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or BeCu, Stud Mounted to PCB	AEI01	1R02d
15	DEP37K	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or BeCu, Stud Mounted to PCB	AEI01	1R02d
16	DEP37K	C	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1R02d
17	DEP37K	C	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1R02d
18	DEP37K	D	90	Stud		1.00	DAP	Y	Contact Material PBrz or BeCu, Stud Mounted to PCB	AEI01	1R02d
19	DEP37K	D	90	Stud		1.00	DAP	Y	Contact Material PBrz or BeCu, Stud Mounted to PCB	AEI01	1R02d
20	DEP37K	E	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1R02d
21	DEP37K	E	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1R02d
22	DEP37S	A	90	Rivt		1.00	DAP	Y	Contact Material PBrz or BeCu, Rivet Mounted to PCB	AEI01	1R02d
23	DEP37S	A	90	Rivt		1.00	DAP	Y	Contact Material PBrz or BeCu, Rivet Mounted to PCB	AEI01	1R02d
24	DEP37S	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or BeCu, Stud Mounted to PCB	AEI01	1R02d
25	DEP37S	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or BeCu, Stud Mounted to PCB	AEI01	1R02d
26	DEP37S	C	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1R02d
27	DEP37S	C	ST	Guide		1.00	DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1R02d
28	145-5-7R		ST	Stud		3.60	DAP	Y	7,9,11,15,19,23,37 Contacts, Termination Length 5.6mm	CCC01	20R1
29	7009		ST	Fing		2.00	DAP	O	Force 2-16oz Per Contact INS/SEP,34,40 Contact, See Mfr Number Key	ELO04	121R3
30	3417					1.00	THPL	Y	MIL-C-83503 Approved, Open or Closed End Covers, W/Wo Strain Relief		0R22t
31	UPC2A	B	ST	Rivt		.500	DAP		17,23,28,41 Contacts	BDY24	0R9a
32	615-1-7S		ST	Rivt				Y	7,12,17,23,28,41 Contacts, In Conformance of MIL-C-55302/1,/2,/19 and /20		
33	424			Fing		2.00	DAP	Y	Metal-to-Metal, Force 16oz In/2oz Out, 17,23,29,35,41 Contacts	EDAC03	26R10
34	7024			90	Fing	1.00	DAP	Y	Force 2-16oz Per Contact INS/SEP,17,23,29,35,41 Contacts, See Mfr Key	ELO12	121R6
35	140-137			90	Fing		DAP	Y			64R2
36	609 SERIES	K				.500	THPL		IEEE Standard Pending		68R4
37	408			Fing		2.00	DAP	Y	Metal-to-Metal, Force 16oz In/2oz Out, 17,23,29,35,41,47 Contacts	EDAC03	26R08
38	415			Fing		2.00	DAP	Y	Metal-to-Metal, Force 16oz In/2oz Out, 17,23,29,35,41,47 Contacts	EDAC03	26R09
39	438			Fing		2.00	DAP	Y	Metal-to-Metal, Force 16oz In/2oz Out, 17,23,29,35,41,47 Contacts	EDAC03	26R11
40	7008		ST	Fing		2.00	DAP	O	Force 2-16oz Per Contact INS/SEP,17,23,29,35,41,47 Contact, See Mfr Key	ELO03	121R2
41	7038		ST	Fing		1.00	DAP	O	Force 2-16oz Per Contact INS/SEP,17,23,29,35,41,47 Contact, See Mfr Key	ELO13	121R7
42	KC SERIES	B		Othr		1.00	DAP		29,35,47 Contacts, Fixed Contacts	HPT02	62R8
43	KCID			Othr		1.00	DAP		29,35,41,47 Removable Contacts	HPT03	62R8
44	KS SERIES	B		Guide		1.00	DAP		Brass, BeCu, or PBrz Contacts, Stacking	HPT08	62R14
45	ASCF		ST	Fing		.500			14,24,36,50 Contacts, PCB Soldering Contacts Available	ASLH12	0G03
46	ASDS		ST	Fing		.500		Y	9,15,25,37,50 Contacts, 26 to 28 AWG Cable, Stranded or Solid	ASLH13	0G01
47	ASDSLr		ST	Fing	X	1.00		Y	9,15,25,37,50 Contacts	ASLH15	0G01
48	ASDSSr		ST	Fing		.500		Y	9,15,25,37,50 Contacts	ASLH14	0G01
49	MM-22S	A	ST	Fing		1.00	DAP	Y	Termination Length 2.39,3.18,3.68,4.78,6.35,9.65,9.91 and 13.72mm	CCC02	0R3a
50	MM-22S	B	ST	Fing		1.00	DAP	Y	Termination Length 9.91mm	CCC02	0R3a
51	3425 SERIES					1.00	THPL	Y	MIL-C-83503 Approved: Open or Closed End Covers, W/Wo Strain Relief		0R22u
52	467-2						PLYR		10,20,26,34,40,50 Contacts		0R23c
53	469-8						PLYR		10,14,16,20,26,34,40,50 Contacts		0R23d
54	474						PLYR	Y	10,14,16,20,26,34,40,50 Contacts		0R23d
55	7020		ST	Guide		1.00	PLCB	O	Force 2-16oz Per Contact INS/SEP,51 Contact, See Mfr Number Key for Optio	ELO06	121R5
56	7015		ST	Fing		2.00	DAP	O	Force 2-16oz Per Contact INS/SEP,17,23,29,35,41,47,59 Contact, See Key	ELO05	121R4
57	BCRB2X						PET		Up to 60 Contacts, 2 Rows of 30	BDY25	44R6
58	41	C						Y	10,14,16,20,26,34,40,50, Pins, Force 2-8 oz, Opt Polarizing Key		116R1
59	SC	A	ST			50.0	THPL		10,14,16,20,26,30,34,40,50,60 Contacts	JHIC05	0R22l
60	8800					.650	NYL		30,40,50,60 Contacts		46R9
61	8800	B	90	Fing		.650	NYL		30,40,50,60 Contacts		46R9
62	8801	A	ST	Fing		.650	NYL		30,40,50,60 Contacts, With Hook		46R9
63	8801	B	90	Fing		.650	NYL		30,40,50,60 Contacts, With Hook		46R9
64	8802	A	ST			.650	NYL		30,40,50,60 Contacts		46R10
65	8802	B	90			.650	NYL		30,40,50,60 Contacts		46R10
66	3334 SERIES					1.00	THPL	Y	MIL-C-83503 Approved, Open or Closed End Covers, W/Wo Strain Relief		0R22v
67	IDS	A				.500	PLYR	O	10,14,16,20,26,34,40,50,60 Contacts		107R3
68	IDS	B				.500	PLYR	O	10,14,16,20,26,34,40,50,60 Contacts		107R3
69	VSR		ST			1.00	PBT		36,44,60 Bridged Positions		5R3
70	552212		ST	Std					14,24,36,50,64 Contacts, Edge Mount Contact		29R13
71	552218		ST	Std					14,24,36,50,64 Contacts, Edge Mount Contact		29R14
72	552738		ST	Thru			THPL		14,24,36,50,64 Contacts, Standard or Reverse Orientation		0G03
73	ASFSR		ST			.500		Y	Contact Plating Au or Sn	ASLH3	86R1
74	DC SERIES		ST			1.00	PLYR			AUG05	11R2
75	SF SERIES		ST			1.00	PLYR		26,34,40,50,60,64 Contacts	AUG01	0R22d
76	123		ST			.500	PBT		10,14,16,20,24,26,30,34,40,50,60,64 Contacts		0R22j
77	531414		ST	Fing			PLYR		22,25,28,36,40,42,43,50,60,65 Contacts, Rotary Cam ZIF Connector		29R20
78	KA SERIES	B		Othr		1.00	DAP		17,29,33,41,53,65 Brass or BeCu Contact, Plug/Recept Mounting Guides	HPT01	62R1
79	KA SERIES	D		Othr		1.00	DAP		17,29,33,41,53,65 Brass or BeCu Contact, Plug/Recept Mounting Guides	HPT01	62R1
80	CMAR10S		ST	Fing		1.00	DAP	Y	10,14,20,24,26,30,36,40,44,50,54,56,60,66,70 Cnts., Meets MIL-C-55302/58	CCC09	20R4
81	MARR10S		ST	Fing		1.00	DAP	Y	10,14,20,24,26,30,36,40,44,50,54,56,60,66,70 Contacts	CCC09	20R9
82	MAR10S		ST	Fing		1.00	DAP	Y	10,14,20,24,26,30,36,40,44,50,54,56,60,66,70 Cnts., Meet MIL-C-55302/58	CCC09	20R4
83	AE 72K	B	ST	Inst		1.00	DAP	Y	Insert for Screw Mounting to PCB	AEI01	1R08b
84	AEP72K	A	ST	Inst		1.00	DAP	Y	Insert for Screw Mounting to Panel	AEI01	1R08a
85	AEP72K	A	ST	Inst		1.00	DAP	Y	Insert for Screw Mounting to PCB	AEI01	1R08b
86	8219	A	ST	Guide		1.00	DAP	Y	Force 2-8oz Per Contact INS/SEP,18,30,36,42,54,72 Contacts, See Mfr Key	ELO01	121R1
87	8221	A	ST	Fing		1.00	DAP	Y	Force 2-8oz Per Contact INS/SEP,18,30,36,42,54,72 Contacts, See Mfr Key	ELO02	121R1
88	IDD-36	B					PLYR		72 Contacts Standard, 8oz INS and SEP	SMI29	

SOCKETS, TWO-PIECE PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		EMI	Insulator		Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type		DWV (KV)	Material				
2 ROWS (Cont'd)											
1	IDS-36	B					PLYR		72 Contacts Standard, 8oz INS and SEP	SMI29	
2	IDSD-36	B					PLYR		36 Contacts Standard, 4oz INS, 3oz SEP	SMI27	
3	UPC2B	A	ST	Rivt	.500		DAP		17,25,33,41,77 Contacts		0P6b
4	UPC2B	B	ST	Rivt	.500		DAP		17,25,33,41,77 Contacts		0R9b
5	UPC2B	C	ST	Rivt	.500		DAP		17,25,33,41,77 Contacts, Ultra Miniature PC Formed Contact Receptacle		0R6a
6	LPST600-1	B	ST	Rivt			DAP	Y	3,17,25,33,41,77 Contacts, Low Profile		
7	600-1-9S		ST	Rivt			DAP	Y	9,17,25,33,41,77 Contacts, In Conformance of MIL-C-55302/4 and /6		
8	CMA10S		ST	Fing	1.00		DAP	Y	10,14,20,24,26,30,36,40,44,50,54,56,60,66,70,78 Cnts., Meet MIL-C-55302/5	CCC09	20R3
9	CMR14S		ST		1.00		DAP	Y	10,14,20,24,26,30,36,40,44,50,54,56,60,66,70,78 Cnts., MIL-C-55302/62/64	CCC09	20R7
10	CM10S		ST		1.00		DAP	Y	10,14,20,24,26,30,36,40,44,50,54,56,60,66,70,78 Cnts., Meet MIL-C-55302/5	CCC09	20R2
11	MA10S		ST	Fing	1.00		DAP	Y	10,14,20,24,26,30,36,40,44,50,54,56,60,66,70,78 Cnts., Meet MIL-C-55302/5	CCC09	20R3
12	MR14S		ST		1.00		DAP	Y	10,14,20,24,26,30,36,40,44,50,54,56,60,66,70,78 Cnts., MIL-C-55302/62/64	CCC09	20R7
13	M10S		ST		1.00		DAP	Y	10,14,20,24,26,30,36,40,44,50,54,56,60,66,70,78 Cnts., Meet MIL-C-55302/5	CCC09	20R2
14	ML2F	B	ST	Fing	.600		NOR		40,80 Contacts		0R11b
15	KS84	B		Guide	1.00		PBT		Extraction Force 0.5oz to 3.0oz		62R18
16	8223	A	ST	Fing	1.00		DAP		Force 2-8oz Per Contact INS/SEP, 24,48,72,96 Contact, See Mfr Number Key	ELO16	121R10
17	8223	C	ST	Fing	1.00		DAP			ELO16	121R10
18	FCN23	A	ST		.500	O	PBT		34,48,68,96 Contacts	FCA01	34R11
19	FCN23	B	90		.500		PBT		34,48,68,96 Contacts	FCA01	34R11
20	FCN23	C	ST		.500		PBT		34,48,68,96 Contacts	FCA01	34R11
21	FCN23	D	90		.500		PBT		34,48,68,96 Contacts	FCA01	34R11
22	FCN23	E	ST		.500		PBT		20,28,36,50 Contacts	FCA01	34R12
23	FCN23	F	90		.500		PBT		20,28,36,50 Contacts	FCA01	34R12
24	FCN23	G	ST		.500		PBT		20,28,36,50 Contacts	FCA01	34R12
25	FCN23	H	90		.500		PBT		20,28,36,50 Contacts	FCA01	34R12
26	KS SERIES	D		Guide	1.00		DAP		Brass, BeCu, or PBrz Contacts, Stacking	HPT08	62R14
27	838-SERIES	B			.170		DAP		Conforms to BS 9525 N 0001, All Contacts Individually Removable	SOU04	66R8
28	68682				1.00		PBT		Dual Row, Dual Entry, Sn/P6 Plating, Dual Beam Box Contact		12R4b
29	68683				1.00		PBT		Dual Row, Top Entry, Sn/P6 Plating, Dual Beam Box Contact		12R4b
30	D2RRA		90	Thru	1.00		PBT		20,32,44,50,64,100 Contacts, DIN 41612 Style	HEC04	71R23
31	D2RST		ST	Thru	1.00		PBT		20,32,44,50,64,100 Contacts, DIN 41612 Style	HEC04	71R21
32	LMR		ST		1.00		PBT		44,56,100 Contacts		5R4
33	BCRB2X						PET		Up to 60 Contacts, 2 Rows of 30	BDY27	44R8
34	CEB2X						PPS		Up to 60 Positions, 120 Contacts	BDY26	44R7
35	CMAR90S		ST	Fing	1.00		DAP	Y	90,100,120 Contacts, Meets MIL-C-55302/60	CCC09	20R5
36	MAR90S		ST	Fing	1.00		DAP	Y	19,100,120 Contacts, Meets MIL-C-55302/60	CCC09	20R5
37	FCN21	B	ST		.500		PBT		30,34,40,50,60,62,80,92,100,120 Contacts	FCA02	34R15
38	FCN21	D	90		.500		PBT		30,34,40,50,60,62,80,92,100,120 Contacts	FCA02	34R15
39	ML2B	A	ST	Fing	.600		THPL		20,40,60,70,80,100,130 Contacts		0R11a
40	118201		ST	Fing			PLYR		32,40,44,52,56,60,64,68,72,76,80,84,88,92,96,100,104-140, Lever, Top Entry		29R27
41	118480		ST	Fing			PLYR		32,40,44,52,56,60,64,68,72,76,80,84,88,92,94,98,100-140, Lever, Top Entry		29R27
42	532428		ST	Thru			THPL	Y	60,70,80,100,110,140,150 Contacts, Terminal Length 4.57mm		29R8
43	CMAR160S		ST	Fing	1.00		DAP	Y	Meets MIL-C-55302/139	CCC09	20R6
44	MAR160S		ST	Fing	1.00		DAP	Y	Meets MIL-C-55302/139	CCC09	20R6
45	119473		ST	Fing			PLYR		25,30,35,40,45,50,55,60,65,70,75,80,85,90,95,100-105, Bell Crank, Top Entr		29R26
46	PC10S		ST		.750		THPL		10,12,14,16...120,140,200 Contacts		24R6
3 ROWS											
47	M14	B	ST	Thru	1.70		NYL	Y	Conform to MIL-C-28748, Pin and Socket Inter with Plug and Recept Housin		0R1c
48	350354	C	ST	Thru	2.50		NYL		Contact Plating Au or Sn		29R11
49	M20	B		Thru	1.70		NYL		Conform to MIL-C-28748, Pin and Socket Inter with Plug and Recept Housin		0R1d
50	KS21	B		Guide	1.00		DAP		Brass or BeCu Contacts, Low Profile		62R16
51	M26	B		Thru	1.70		DAP		Conform to MIL-C-28748, Pin and Socket Inter with Plug and Recept Housin		0R1e
52	CSMM	C	ST		1.00		DAP	Y	11,14,20,26,29 Cnts., Term. Lengths 2.67,3.56,4.32,5.08,6.35,9.65,13.72mm	CCC15	0R3a
53	11.01			Thru	1.30		PBT	Y	8,12,16,20 Contacts, Asymmetrical		0R9d
54	JE16S		ST				PLYR			MNE10	87R5
55	DEP36K		ST	Guide	1.00		DAP	Y	Polarizing Guide Mounted to Panel or PCB	AEI01	1R03
56	DEP36K		ST	Guide	1.00		DAP	Y	Polarizing Guide Mounted to Panel or PCB	AEI01	1R03
57	DEP36WK		ST	Guide	1.00		DAP	Y	Polarization Guide Mounted to panel or PCB	AEI01	1R02e
58	DEP36WK		ST	Guide	1.00		DAP	Y	Polarization Guide Mounted to panel or PCB	AEI01	1R02e
59	25-36S		ST		3.50		DAP	Y	Optional Mounting and Hood/Shell Styles		20R14
60	11.03	D		Thru	1.00		PBT	Y	Contacts per DIN41618, Symmetrical		0R9c
61	CSMM4	B	ST		1.00		DAP	Y	11,14,20,26,29,44 Contacts, Termination Lengths 2.36,3.18 and 3.96mm	CCC15	20R18
62	DEP45K	A	90	Stud	1.00		DAP	Y	Stud Mounted to PCB	AEI01	1R04
63	DEP45K	A	90	Stud	1.00		DAP	Y	Stud Mounted to PCB	AEI01	1R04
64	DEP45K	B	ST	Guide	1.00		DAP	Y	Polarizing Guide Mounted to Panel or PCB	AEI01	1R04
65	DEP45K	B	ST	Guide	1.00		DAP	Y	Polarizing Guide Mounted to Panel or PCB	AEI01	1R04
66	LP50K		ST	Guide	1.00		DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1R05
67	LP50K		ST	Guide	1.00		DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1R05
68	LP50S		ST	Guide	1.00		DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1R05
69	LP50S		ST	Guide	1.00		DAP	Y	Contact Material PBrz or BeCu, Polarizing Guide Mounted to Panel or PCB	AEI01	1R05
70	MM-22S	C	ST	Fing	1.00		DAP	Y	Termination Length 9.91mm	CCC02	0R3a
71	S-1324		ST	Thru	1.00		PLCB	Y	24,28,34,45,60 Contacts	HRS02	70R4
72	S-1608		ST	Thru	1.00		DAP	Y	Contact Plating Au or Ag, For Grid Spacing/No. of Contacts See Drawing	HRS01	70R1
73	SD-1608		ST	Thru	1.00		DAP	Y	Contact Plating Au or Ag, For Grid Spacing/No. of Contacts, See Drawing	HRS01	70R3
74	SW-1608		ST	Thru	1.00		DAP	Y	Contact Plating Au or Ag, For Grid Spacing/No. of Contacts, See Drawing	HRS01	70R2
75	UPC3B	B	ST	Rivt	.500		DAP		13,25,37,49,61 Contacts		0R10a
76	UPC3B	C	ST	Rivt	.500		DAP		13,25,37,49,61 Contacts, Ultra Miniature PC Formed Contact Receptacle		0R10b
77	KA SERIES	N		Othr	1.00		DAP		Brass or BeCu Contacts, Plug or Receptacle Mounting Guides	HPT01	62R3
78	KA SERIES	P		Othr	1.00		DAP		Brass or BeCu Contacts, Plug or Receptacle Mounting Guides	HPT01	62R3
79	UPC3B	D	ST	Rivt	.500		DAP		37,49,61,92 Contacts, Solder Cup Termination		0R10b
80	UPC3B	E	ST	Rivt	.500		DAP		92 Contacts		0R4a
81	610-1-13S		ST	Rivt			DAP	Y	13,25,37,49,61,92 Contacts, In Conformance of MIL-C-55302/7,8,/21 and /2		
82	532437		ST	Fing			PPS		Eurocard Footprint, Not Interchangeable, Terminal Length 4.57 and 3.05mm		29R10
83	D3RRA		90	Thru	1.00		PBT		48,64,96 Contacts, DIN 41612 Style	HEC04	71R25
84	D3RST		ST	Thru	1.00		PBT		48,64,96 Contacts, DIN 41612 Style	HEC04	71R24
85	KA SERIES	F		Othr	1.00		DAP		Brass or BeCu Contacts, Plug or Receptacle Mounting Guides	HPT01	62R2

SOCKETS, HEADER PRODUCT SELECTION

Line No.	D.A.T.A. Mfr. Code	Type Identification	Variation	Approvals							Contact						Contact Termination																			
				CSA	IEC	MIL	UL	VG	VDE	Other	Number (Range)	Option	Type	Entry	Resistance (mOhm)	Current (Amp)	Material	Plating	Angle	Crimp	Cup	IDC	Loop	Post	Press Fit	Screw	Quick	Spring	Surface	Turret	Wrap	Other				
1 ROW, PITCH .100" (2.54mm)																																				
1	AML	CBL016	A								5		Socket		10		CuSn	Sn	ST																	
2	AML	CBL017	A								5		Socket		10		CuSn	Sn	90																	
3	AML	CBL018	A								5		Socket		10		CuSn	Sn	ST																	
4	AML	CBL019	A								5		Socket		10		CuSn	Sn	90																	
5	AML	CBL116	A								5		Socket		10		CuSn	Au	ST																	
6	AML	CBL117	A								5		Socket		10		CuSn	Au	90																	
7	AML	CBL118	A								5		Socket		10		CuSn	Au	ST																	
8	AML	CBL119	A								5		Socket		10		CuSn	Au	90																	
9	AML	CBL016	B								10		Socket		10		CuSn	Sn	ST																	
10	AML	CBL017	B								10		Socket		10		CuSn	Sn	90																	
11	AML	CBL018	B								10		Socket		10		CuSn	Sn	ST																	
12	AML	CBL019	B								10		Socket		10		CuSn	Sn	90																	
13	AML	CBL116	B								10		Socket		10		CuSn	Au	ST																	
14	AML	CBL117	B								10		Socket		10		CuSn	Au	90																	
15	AML	CBL118	B								10		Socket		10		CuSn	Au	ST																	
16	AML	CBL119	B								10		Socket		10		CuSn	Au	90																	
17	APT	929870									1-10		Fork				Cu	Au	ST																	
18	GCE	41	I								2-10		Spring		2.0	3.0	Bras	Sn	ST																	
19	JOL	SS-109-2									4-12		Socket		9.7		PBrz	O	ST																	
20	LEOC	2505S	A								2-15		Bellow			3.0	Bras	Sn	ST																	
21	LEOC	2505S	B								2-15		Bellow			3.0	Bras	Sn	90																	
22	SMK	FH	A								3-15		Socket		20	3.0			ST																	
23	SMK	FH-2									2-15		Socket		20	3.0			ST																	
24	SMK	FV									2-15		Socket		2.0	3.0			90																	
25	SMK	LP	A								2-15		Socket						ST																	
26	SMK	SP	A								2-15		Socket		20	3.0			ST																	
27	SMK	PB	A								3-18		Spring		20	3.0			90																	
28	AML	CBL016	C								20		Pin		10		CuSn	Sn	ST																	
29	AML	CBL017	C								20		Socket		10		CuSn	Sn	90																	
30	AML	CBL018	C								20		Socket		10		CuSn	Sn	ST																	
31	AML	CBL019	C								20		Socket		10		CuSn	Sn	90																	
32	AML	CBL116	C								20		Socket		10		CuSn	Au	ST																	
33	AML	CBL117	C								20		Socket		10		CuSn	Au	90																	
34	AML	CBL118	C								20		Socket		10		CuSn	Au	ST																	
35	AML	CBL119	C								20		Socket		10		CuSn	Au	90																	
36	AMP	485955									7-20		Box				PBrz	O	ST																	
37	AMP	487011									7-20		Box				PBrz	O	ST																	
38	ARS	5905	A								2-20		Hermap			1.0	PBrz	O	ST																	
39	ARS	5915	A								2-20		Hermap			1.0	PBrz	O	ST																	
40	ARS	5925	A								2-20		Hermap			1.0	PBrz	O	ST																	
41	ARS	6905	A								2-20		Hermap			1.0	PBrz	O	ST																	
42	ARS	6915	A								2-20		Hermap			1.0	PBrz	O	ST																	
43	ARS	6925	A								2-20		Hermap			1.0	PBrz	O	ST																	
44	AUG	6P SERIES									8-20		Socket		2.5	2.0	BeCu	Au	ST																	
45	CTL	478	A								3-20		IDC		20	3.0	Cu	O	ST																	
46	CTL	478	B								3-20		IDC		20	3.0	Cu	O	90																	
47	GCE	41	H								20		Spring		30	1.0	PBrz	Au	ST																	
48	JOL	SS-109-1									4-20		Socket		8.0		PBrz	Sn	ST																	
49	LEOC	2500S									2-20	S	Socket			3.0	Bras	Sn	ST																	
50	SCB	72220									20		Pin				Au	O	ST																	
51	SMI	HLS-120									1-20		Socket		5.0	1.0	BeCu	O	ST																	
52	SMI	ICC-120	A								20		Socket		10	1.0	PBrz	O	ST																	
53	SMI	ICC-120	B								20		Socket		10	1.0	PBrz	O	90																	
54	SMI	ICK-120	A								2-20		Socket		10	1.0	PBrz	O	ST																	
55	SMI	ICK-120	B								2-20		Socket		10	1.0	PBrz	O	90																	
56	SMI	SS-220									1-20		Socket		5.0	5.0	BeCu	O	ST																	
57	SMI	SST-120									1-20		Socket		5.0	1.0	BeCu	O	ST																	
58	WCH	WD11SD									11&22		Socket		20	7.0	PBrz	Au	90																	
59	CAC	CA-S**VSC									1-25		Socket	C	30	1.0	PBrz	O	ST																	
60	MLX	4455-AC									2-25		Cantil		20	2.0		M	90																	
61	MLX	4455-BC																																		

SOCKETS, HEADER PRODUCT SELECTION

Line No.	Type Identification	Mounting		Insulator		Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Variation	Angle	Type	EMI				
1 ROW, PITCH .100" (2.54mm)									
1	CBL016	A	ST				NYL	Sep. 5.4oz.,Socket Strip,Fracture Points at Each Pin	31R3
2	CBL017	A	ST				NYL	Sep. 5.4oz.,Socket Strip,Fracture Points at Each Pin	31R3
3	CBL018	A	ST				NYL	Socket Strip	31R5
4	CBL019	A	ST				NYL	Sep. 5.4oz.,Socket Strip With Standoffs	31R6
5	CBL116	A	ST				NYL	Sep. 5.4oz.,Socket Strip,Fracture Points at Each Pin	31R3
6	CBL117	A	ST				NYL	Socket Strip,Fracture Point at Each Pin	31R4
7	CBL118	A	ST				NYL	Sep. 5.4oz.,Socket Strip	31R5
8	CBL119	A	ST				NYL	Sep. 5.4oz.,Socket Strip With Standoffs	31R6
9	CBL016	B	ST				NYL	Sep. 5.4oz.,Socket Strip,Fracture Points at Each Pin	31R3
10	CBL017	B	ST				NYL	Sep. 5.4oz.,Socket Strip,Fracture Points at Each Pin	31R3
11	CBL018	B	ST				NYL	Socket Strip	31R5
12	CBL019	B	ST				NYL	Sep. 5.4oz.,Socket Strip With Standoffs	31R6
13	CBL116	B	ST				NYL	Sep. 5.4oz.,Socket Strip,Fracture Points at Each Pin	31R3
14	CBL117	B	ST				NYL	Socket Strip,Fracture Points at Each Pin	31R4
15	CBL118	B	ST				NYL	Sep. 5.4oz.,Socket Strip	31R5
16	CBL119	B	ST				NYL	Sep. 5.4oz.,Socket Strip With Standoffs	31R6
17	929870						PLYR	Solder Tail Length .125in, Low Profile	APT04 93H12
18	41	I				.250	NYL	2,4,6,8,10 Pin DIP Solder Conn,50k Meg ohm Insulation Resistance	116R3
19	SS-109-2		ST			1.00	PBT	Contact Plating Au or Sn,4,9,12 Contacts	OR26d
20	2505S	A				1.00	NYL	Force 7oz INS, 2oz SEP, 2,3,4,...15 Contacts, Top Entry, Stackable	56R6
21	2505S	B				1.00	NYL	Force 7oz INS, 2oz SEP, 2,3,4,...15 Contacts, Side Entry, Stackable	56R7
22	FH	A				1.00		Wire Gauge 24,26 AWG	17H1
23	FH-2					1.00		Wire Gauge 24,26 AWG, Use with Plug W-P5002-5015 or W-P5202-5215	17H3
24	FV					1.00		Wire Gauge 24,26 AWG, Use with Plug W-P5002-5015 or W-P5202-5215	17H4
25	LP	A						Terminal W-T 0873, Wire Gauge 22-30 AWG	17H17
26	SP	A				1.00		Wire Gauge 22-28 AWG, Terminal W-T 0823	17H5
27	PB	A				.800		PCB Locking Latched, Board to Board Connector	17H22
28	CBL016	C	ST				NYL	Sep. 5.4oz.,Socket Strip,Fracture Points at Each Pin	31R3
29	CBL017	C	ST				NYL	Sep. 5.4oz.,Socket Strip,Fracture Points at Each Pin	31R3
30	CBL018	C	ST				NYL	Sep. 5.4oz.,Socket Strip	31R5
31	CBL019	C	ST				NYL	Sep. 5.4oz.,Socket Strip With Standoffs	31R6
32	CBL116	C	ST				NYL	Sep. 5.4oz.,Socket Strip,Fracture Points at Each Pin	31R3
33	CBL117	C	ST				NYL	Socket Strip,Fracture Point at Each Pin	31R4
34	CBL118	C	ST				NYL	Sep. 5.4oz.,Socket Strip	31R5
35	CBL119	C	ST				NYL	Sep. 5.4oz.,Socket Strip With Standoffs	31R6
36	485955		ST	Fing			THPL	Contact Plating Au or Sn,7,9,12,14,16,18,20 Contacts,With/Wout Mount Ear	29R55
37	487011						THPL	Contact Plating Au or Sn,7,9,12,14,16,18,20 Contacts	29R56
38	5905	A				.600	PBT	Force 80oz In/16oz Out, Stackable Integ Pins .34 or .15in	ARS02 119H3
39	5915	A				.600	PBT	Force 80oz In/16oz Out, .150in Integ Solder Post, Au or Sn Plating	ARS02 119H3
40	5925	A				.600	PBT	Force 80oz In/16oz Out, .340/.150in Stackable Integ Pins,Au or Sn Platin	ARS02 119H3
41	6905	A				.600	PBT	Force 80oz In/16oz Out, .340/.150in Stackable Integ Pins,Au or Sn Platin	ARS02 119H3
42	6915	A				.600	PBT	Force 80oz In/16oz Out, .150in Integ Solder Post, Au or Sn Plating	ARS02 119H3
43	6925	A				.600	PBT	Force 80oz In/16oz Out, .340/.150in Stackable Integ Pins,Au or Sn Platin	ARS02 119H3
44	6P SERIES	A	ST			1.00	NOR	8,12,14,16,20 Contacts	ARS02 11R1
45	478	A				.500	PLYR	Au or Sn Plating	AUG04 91H7
46	478	B				.500	PLYR	Au or Sn Plating	CTL01 91H8
47	41	H				.600	PBT	Wire Wrap Snap Apart Socket,1000Meg ohm Insulation Resistance	OR26b
48	SS-109-1		ST			1.00	PBT	4,7,8,9,12,14,16,18,20 Contacts	OR26c
49	2500S					1.00	NYL	Force 7oz INS, 2oz SEP, 2,3,4,...20 Contacts, Stackable	56R5
50	72220							Terminal Lengths, 7.39, 18.05mm, Contact Plating, Au or Sn	SCB01 0R28b
51	HLS-120						PLYR	Snap Strip, 1-20 Rows, 1-20 Pins per Row, 16oz INS, 1.5oz SEP	SMI07
52	ICC-120	A					PLYR	6.0oz INS, 1.8oz SEP	SMI24
53	ICC-120	B					PLYR	6.0oz INS, 1.8oz SEP	SMI24
54	ICK-120	A					PLYR	6.0oz INS, 1.8oz SEP	SMI24
55	ICK-120	B					PLYR	6.0oz INS, 1.8oz SEP	SMI24
56	SS-220						PLYR	Snap Strip, 20 Contacts Standard, 16oz INS, 1.5oz SEP	SMI01 0R28e
57	SST-120						PLYR	Snap Strip, 1-20 Rows, 1-20 Pins per Row, 16oz INS, 1.5oz SEP	SMI09
58	WD11SD		ST	Fing		1.00	DAP	Ins. 6.5oz., Sep. 1.2oz.,Contact Plating Au or Sn	WCH40 14R30
59	CA-S**VSC		ST			.500	PLYR	Side Entry PCB Header, Au or Sn Plating	CAC10 0R26a
60	4455-AC					1.00	NYL	Bottom Entry PCB Header, Au or Sn Plating	38R7
61	4455-BC					1.00	NYL	Top Entry PCB Header, Au or Sn Plating	38R8
62	4455-CC					1.00	NYL	2,3,4,...28 Contacts, Sn or Au Plating	38R9
63	CE100					.300	NYL		PAN02 10R1
64	2800		ST					Contact Plating Au or Sn	
65	1230	A					NYL	5,6,7,...30 Contacts	64H7
66	1230	B					NYL	5,6,7,...30 Contacts	64H8
67	CA-S**MS		ST			.500	PLYR	Ins. 7.0oz., Sep. 3.4oz.,Tail Length 2.9,9.9, and 13.0mm	CAC28 0R28a
68	CA-S**MSR		ST			.500	PLYR	Ins. 2.8oz., Sep. 1.4oz.,Tail Length 2.9mm	CAC29 0R47
69	D01-997						PLYR	Contact Plating Au or Sn	25R7
70	D01-997						PLYR	Contact Plating Au or Sn	25R7
71	D01-998						PLYR	Contact Plating Au or Sn	25R8
72	D01-998						PLYR	Contact Plating Au or Sn	25R8
73	ESS-132						PLYR	Snap Strip, 20,32 Contacts Standard	SMI11
74	HSS-132	A					PLYR	Snap Strip, 20,32 Contacts Standard, 16oz INS, 1.5oz SEP	SMI03 0R28g
75	HSS-132	B					PLYR	Snap Strip, 20,32 Contacts Standard, 16oz INS, 1.5oz SEP	SMI03 0R30c
76	SL-132						PLYR	Snap Strip, 20,32 Contacts Standard, 16oz INS, 1.5oz SEP	SMI05 0R13j
77	SS-132	A					PLYR	Snap Strip, 20,25,32 Contacts Standard,16oz INS, 1.5oz SEP	SMI01 0R28d
78	SS-132	B					PLYR	Snap Strip, 20,25,32 Contacts Standard, 16oz INS, 1.5oz SEP	SMI01 0R30b
79	SSA-132	A					PLYR	2.5oz INS, 2oz SEP	SMI24
80	SSA-132	B					PLYR	2.5oz INS, 2oz SEP	SMI24
81	STS-132	B					PLYR	20 and 32 Contacts Standard	SMI12
82	929850						PLYR		APT02 93H09a
83	929850						PLYR		APT02 93H9a
84	929974						PLYR		APT02 93H9a
85	929974						PLYR	Solder Tail Length .125in, Low Profile	APT01 93H09a
86	929984						PLYR	End-to-End Stackable	APT04 93H12
87	BV SERIES	A				1.00	PHEN	End-to-End Stackable	EBY18 0R35h
88	BV SERIES	B				1.00	PHEN	End-to-End Stackable	EBY18 0R35h

SOCKETS, HEADER PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type	EMI	DWV (KV)	Material				
1 ROW, PITCH .100" (2.54mm) (Cont'd)											
1	FCN723J	A				.500	PPS	Y	Force 529.5oz INS,63.5oz SEP, 3,4,5,...-36 Contacts		34R9
2	M20-89					.750	PLYR	Y	Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts		25R11
3	M20-89					.750	PLYR	Y	Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts		25R11
4	M20-991					.750	PLYR	Y	Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts		25R9
5	M20-991					.750	PLYR	Y	Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts		25R9
6	BSW-136	A					PLYR		36 Contacts Standard, 8oz INS and 5oz SEP	SMI22	
7	SMH-136	A					PLYR	Y	36 Contacts Standard, 5oz INS and SEP	SMI16	
8	SMH-136	B			Glwg Prl		PLYR	Y	36 Contacts Standard, 5oz INS and SEP	SMI16	
9	SMH-136	C					PLYR	Y	36 Contacts Standard, 5oz INS and SEP	SMI16	
10	SSK-136	A					PLYR		36 Contacts Standard, 5oz INS and SEP	SMI21	
11	SSK-136	B	90				PLYR		36 Contacts Standard, 5oz INS and SEP	SMI21	
12	SSW-136	A					PLYR		36 Contacts Standard, 5oz INS and SEP	SMI14	
13	SSW-136	B					PLYR		36 Contacts Standard, 5oz INS and SEP		
14	727-FF	A				.200	PLYR		5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,37,29,31,38 Contacts		OR28i
15	727-FF	B				.200	PLYR		5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,27,29,31,38 Contacts		OR30d
16	103176		ST				THPL	Y	3-20,40 Contacts,End Stackable,Low Profile with Standoffs		29R41
17	477	A				.500	PLYR		Au or Sn Plating	CTL01	91H1
18	2002						PBT		1,2,3 level wire wrap,Au or Sn over Ni plating,Breakway style	GAR01	OR28c
19	PGBAS		ST				PBT		10,15,20,25,30,35,40 Contacts	WCH47	14R34
20	UFS-A					1.00	PBT		Contact Type 66, Wire Size 24-28AWG, 1 Thru 40 Contacts		97R12
21	TKO	A				1.00	PET		Contact Retention 2lbs Min, Low Insertion Force, Opt Low Profile Molding	TPI01	69H3
22	87854		ST				THPL	Y	5-20,40,50,60 Contacts,End Stackable,Post Stop and Standoffs		29R43
23	499485		ST				THPL	Y	10,14,16,20,24,26,30,34,40,50,60,64 Contacts,Strain Relief Optional		29R50
24	929961						PLYR			APT02	93H10a
25	929961						PLYR			APT02	93H10a
26	929981						PLYR			APT02	93H10a
27	929981						PLYR			APT02	93H10a
28	900	B				.250	PLYR		Force 10oz INS, 2oz SEP 1,2,3,...-65 Contacts, SSe Mfr Number Key	MEI09	OR35a
29	9000	C					PLYR		1,2,3,...-65 Contacts		OR36e
30	9000	D					PLYR		1,2,3,...-65 Contacts		OR35g
31	TKO	C				1.00	PET		Contact Retention 2lbs Min, Low Insertion Force, Opt Low Profile Molding	TPI01	69H2
32	TKO	E				1.00	PET		Contact Retention 2lbs Min, Low Insertion Force, Opt Low Profile Molding	TPI01	69H1
33	083	A				1.00	PLYR		Ref Mfr Number Key For Plating Options, Min Norm Force 2oz/Contact Point	TPI03	69H7c
34	083	B				1.00	PLYR		Ref Mfr Number Key For Plating Options, Min Norm Force 2oz/Contact Point	TPI03	69H7a
35	083	C				1.00	PLYR		Ref Mfr Number Key For Plating Options, Min Norm Force 2oz/Contact Point	TPI03	69H7c
36	083	D				1.00	PLYR		Ref Mfr Number Key For Plating Options, Min Norm Force 2oz/Contact Point	TPI03	69H7a
37	SSB-1						MYLR		Low Profile	SMI10	
1 ROW, PITCH MISC.											
38	SSB5C					4.00	NYL		Screw Clamp,14AWG Wire Max.,With Integral Locking Clamp,Use Header,SSB5N		65R17b
39	SSB4C					2.00	NYL		Screw Clamp,14AWG Wire Max.,With Integral Locking Clamp,Use Header,SSB4N		65R17a
40	HS-050**					1.00	NYL	Y	Use TM500 Chain or TM500L Loose Contacts,Wire Size 20-26AWG		113R2
41	HS-080**					1.00	NYL	Y	Use TM800 Chain or TM800L Loose Contacts,Wire Size 20-26AWG		113R3
42	MWP		ST			.800	PLYR		ZIF Flat Cable Round Conductor		44R11
43	1085S						NYL	Y	1,2,3,...-6 Contacts		56R17
44	7555S						NYL	Y	1,2,3,...-6 Contacts		56R15
45	MI-2	A				1.50	NYL	Y	Contact 1 Spaced .295in for Polarizing, Terminals W-T 0514 or W-T 0512		17H20
46	350759		ST				THPL	Y	Contact Plating Au or Sn,2,3,4,5 Contacts,Dual Locking Lances		29H3
47	643227		ST	Fing Thru			THPL	Y	Contact Plating Au or Sn,2,3,4,5,6,8 Contacts,DualLocking Lances	ELO18	29H5
48	ESP	A	90			.800	RYTN	O	Force 10oz INS,See Mfr Number Key for Options		121R12
49	HS-025**					.750	NYL	Y	Use TM-0250 Contacts,Wire Size 22-28AWG,Contacts Available on 10K Pc Ree		OR47
50	SSB5L		ST	Fing		2.20	NYL	Y	Part of SSB5R/V Connector Set, # 14-22 AWG Range, Locking Fingers	ACP03	65R9
51	SSB5P		ST	Fing		2.20	NYL	Y	Part of SSB5B Connector Set, # 14-22 AWG Range,Latching Pins Optional	ACP02	65R12
52	SSB5U		ST	Fing		2.20	NYL	Y	Part of SSB5T/J Connector Set, # 14-30 AWG Range,Mount Clips Opt.	ACP01	65R14
53	41	K				.250	NYL		2,4,6,8,10 Pin DIP Solder Conn,500k Med ohm Insulation Resistance		116R2
54	467-64						PLYR		3,4,5,10 Contacts		
55	SS-310						PLYR		Solid Body, 10 Contacts Standard, 16oz INS. 1.5oz SEP	SMI01	OR28f
56	SSB5G					5.00	NYL		Double Wire Screw Clamp,14AWG Wire Max.,Use With Header SSB5M or SSB5I		65R16b
57	A4-4S		ST			.500	PBT		2,3,4,5,6,8,10,12 Contacts	HRS11	120R7
58	A4-4S		ST			.500	PBT		2,3,4,5,6,8,10,12 Contacts	HRSJ02	120R7
59	5145-NAH					1.00	NYL		Side Entry PCB Header, Au or Sn Plating		38R10
60	5145-NBH					1.00	NYL		Bottom Entry PCB Header, Au or Sn Plating		38R11
61	5145-NCH					1.00	NYL		Top Entry PCB Header, Au or Sn Plating		38R12
62	JH								Wire Gauge 24-26 AWG, 2-10,12 Contacts, PCB Locking Latches		17H31
63	UP	A				.500			Terminal W-T 0843, Wire Gauge 22-30 AWG		17H14
64	DF3-F		ST						2 Thru 15 Contacts		
65	HNC-F		ST			1.00	NYL		2,3,4,5,6,7,8,10,12,15 Contacts		
66	1000S						NYL	Y	3,4,5,...-15 Contacts, With Locking Ramp		56R13
67	1005S						NYL	Y	3,4,5,...-15 Contacts, Without Locking Ramp		56R13
68	3963S		A			1.00	NYL		Force 24oz INS, 4oz SEP, 2,3,4,...-15 Contacts, Stackable		56R9
69	3963S		B			1.00	NYL		Force 24oz INS, 4oz SEP, 2,3,4,...-15 Contacts, Stackable		56R10
70	7500S					1.00	NYL	Y	Force 24oz INS, 4oz SEP, 2,3,4,...-15 Contacts, With Locking Ramps		56R14
71	7505S					1.00	NYL	Y	Force 24oz INS, 4oz SEP, 2,3,4,...-15 Contacts, Without Locking Ramps		56R14
72	SHG-10		ST			1.50	NYL		3,4,5,6,8,9,10,12,15 Contacts		28R14
73	SLG-10		ST			1.50	NYL		2,3,4,6,8,10,12,15 Contacts		28R7
74	MP	A							Terminal W-T 0203, Wire Gauge 22-30 AWG		17H8
75	MP-2	A							Terminal W-T 0213, Wire Gauge 22-30 AWG		17H11
76	5000S					1.00	NYL	Y	Force 24oz INS, 4oz SEP, 2,3,4,...-16 Contacts, With Locking Ramp		56R12
77	5005S					1.00	NYL	Y	Force 24oz INS, 4oz SEP, 2,3,4,...-16 Contacts, Without Locking Ramp		56R12
78	7920S						NYL	Y	3,4,5,...-19 Contacts, With Locking Ramp		56R11
79	7925S						NYL	Y	3,4,5,...-19 Contacts, Without Locking Ramp		56R11
80	SSB4L		ST	Fing		2.20	NYL	Y	Part of SSB4R/V Connector Set, # 14-22 AWG Range, Locking Fingers	ACP03	65R10
81	SSB4P		ST	Fing		2.20	NYL	Y	Part of SSB4B Connector Set, # 14-22 AWG Range, Latching Pin Optional	ACP02	65R11
82	SSB4U		ST	Fing		2.20	NYL	Y	Part of SSB4T/J Connector Set,Mount Clips Opt., # 14-30 AWG Range	ACP01	65R13
83	TE*RW		ST			.330	THPL		Bottom Entry	BDY30	44R14
84	TE*Y	A	ST			.330	THPL		With or Without Strain Relief	BDY29	44R12
85	TE*Y	B	ST	90		.330	THPL		With or Without Strain Relief	BDY29	44R12

SOCKETS, HEADER PRODUCT SELECTION

Line No.	Type Identification	Mounting		Insulator		Polarization	Additional Features	Mfr. Order Key	Drawing Number		
		Variation	Angle	Type	EMI					DWW (KV)	Material
1 ROW, PITCH MISC. (Cont'd)											
1	DF1-S26		ST			.650	NYL	Y	2 Thru 20 Contacts	HRS08	70R25
2	DF1-24		ST			.650	NYL	Y	2 Thru 20 Contacts	HRS08	70R25
3	A2		ST			.650	PLYM		2-16,18,20 Contact Housing,Terminals P/N A1-SF,With Side Protector		120H12
4	A2A		ST			.650	PLYM		2-16,18,20 Contact Housing,Terminals P/N A1-SF,Without Side Protector		120H13
5	DF1		ST						2,3,4,5,6,7,8,9,19,12,15,16,20 Contacts		
6	3960S					1.00	NYL	Y	Force 24oz INS, 4oz SEP, 2,3,4,...-20 Contacts, W/Locking Ramp		56R8
7	3965S					1.00	NYL	Y	Force 24 oz INS, 4oz SEP, 2,3,4,...-20 Contacts, W/Out Locking Ramp		56R8
8	2,5 MB					2.00	NOR		2-20 Contacts		63R5
9	2,5 MBPH					2.00	NOR		2-20 Contacts, With PCB Locking Hooks, Rear Connection Capabilities		63R6
10	3002-A					1.00	NYL		Side Entry PCB Header, Au or Sn Plating		38R13
11	3002-B					1.00	NYL		Bottom Entry PCB Header, Au or Sn Plating		38R14
12	3002-C					1.00	NYL		Top Entry PCB Header, Au or Sn Plating		38R15
13	5051		ST			1.50	NYL	O	Accepts 4809C or 40445 Crimp Terminals		0G02
14	5124BHPB		ST			1.50	NYL		Au or Sn Plating,Bottom Entry		38R8
15	5513-NAPB					.500			UL 94V-0 Housing Material,Mates With 5512 Header		38R25
16	5513-NCBP					.500			UL 94V-0 Housing Material,Mates With 5512 Header		38R26
17	7534A		90			1.50	NYL		Au or Sn Plating,PC Board Locking Hooks or Standoffs		38R7
18	7534C		ST			1.50	NYL		PC Board Locking Hooks or Standoffs		38R9
19	PHU-2						NYL	Y	With or Without Locking Ramp	SCEC09	9H5
20	PB-2	B				.800			10,14,16,20 Contacts, Board to Board Connector		17H25
21	CLE-10	ST				1.25	PET		Au or Sn Plating	MMM05	28R5
22	CLG-10	ST				1.25	PET		Au or Sn Plating	MMM06	28R6
23	SSB4G					2.50	NYL		Double Wire Screw Clamp,14AWG Wire Max.,Use With Header SSB4M or SSB4I		65R16a
24	8113	B	ST			.250	PBT		250VAC 15A or 300VAC 10A,12AWG Max.		109R5
25	8113	C	90			.250	PBT		250VAC 15A or 300VAC 10A,12AWG Max.		109R1
26	CE156					.300	NYL		2,3,4,...-24 Contacts, Sn or Au Plating	PAN02	10R2
27	231 SERIES	A					PLAS		250V, 15A UL, 300V, 10A CSA, 250V, 16A Gr. C,Gray Plastic Insulator		13H1
28	231 SERIES	F					PLAS		250V, 15A UL, 300V, 10A CSA, 250V, 16A Gr. C,Orange Plastic Insulator		13H1
29	20000	L	ST				PLYR		Au or Sn Plating,Use 25000 Series Contacts		83H12
30	901	ST				.500	NOR		5,10,15,20,25,30,36 Contacts		36R5
31	M20-982		ST			.750	PLYR		2-10,20,36,Contacts,Au or Sn Plating		25H1
32	BSW-136	C					PLYR		36 Contacts Standard, 8oz INS and SEP	SMI22	
33	SMS-136						PLYR		36 Contacts Standard, 8oz INS, 5oz SEP	SMI25	
34	HS-251**						PLYR	O	2-40 Strip-Line Socket,Accepts IC Leads .006 to .015in, Breakaway Style		0G02a
35	0520								2-40 Strip-Line Socket,Accepts IC Leads .015 to .025in, Breakaway Style		119H1
36	0525								2-40 Strip-Line Socket,Accepts IC Leads .015 to .025in, Breakaway Style		119H2
37	ESP	E	90	Thru		.800	RYTN	O	Force 10oz INS,See Mfr Number Key for Options	ELO18	121R12
38	CHE-10	A	ST			1.00	PPS		Au or Sn Plating	MMM08	28R9
39	CHE-10	B	ST			1.00	PPS		Au or Sn Plating	MMM08	28R9
40	FGBBS		90				PBT		10,15,20,25,30,35,40 Contacts	WCH47	14R34
2 ROWS, PITCH .100" (2.54mm)											
41	CSPF10	A	ST			1.00	PLYR	Y	Open Upper Part,Strain Relief Option Available		31R1
42	CSPF10	B	ST			1.00	PLYR	Y	Closed Upper Part,Strain Relief Option Available		31R1
43	CSPF14	A	ST			1.00	PLYR	Y	Open Upper Part,Strain Relief Option Available		31R1
44	CSPF14	B	ST			1.00	PLYR	Y	Closed Upper Part,Strain Relief Option Available		31R1
45	CSPF16	A	ST			1.00	PLYR	Y	Open Upper Part,Strain Relief Option Available		31R1
46	CSPF16	B	ST			1.00	PLYR	Y	Closed Upper Part,Strain Relief Option Available		31R1
47	511-071	A				1.00	PLYR		Contacts Fitted in Rows A and C		98H2
48	511-071	B				1.00	PLYR		Contacts Fitted in Rows A and B		98H2
49	517-071	A				1.00	PLYR		Contacts Fitted in Rows A and C/ With/Without Strain Relief		98H1
50	517-071	B				1.00	PLYR		Contacts Fitted in Rows A and B, With/Without Strain Relief		98H1
51	CSPF20	A	ST			1.00	PLYR	Y	Open Upper Part,Strain Relief Option Available		31R1
52	CSPF20	B	ST			1.00	PLYR	Y	Closed Upper Part,Strain Relief Option Available		31R1
53	CA-D**VSC		ST			.500	PLYR		Ins. 6.5oz., Sep. 1.2oz.,Contact Plating Au or Sn	CAC11	0R17b
54	SD-225						PLYR		Solid Body, 25 Contacts Standard, 16oz INS, 1.5oz SEP	SMI01	0R29c
55	CSPF26	A	ST			1.00	PLYR	Y	Open Upper Part,Strain Relief Option Available		31R1
56	CSPF26	B	ST			1.00	PLYR	Y	Closed Upper Part,Strain Relief Option Available		31R1
57	CSPF34	A	ST			1.00	PLYR	Y	Open Upper Part,Strain Relief Option Available		31R1
58	CSPF34	B	ST			1.00	PLYR	Y	Closed Upper Part,Strain Relief Option Available		31R1
59	BH SERIES	A				1.00	PHEN		End-to-End Stackable	EBY19	0R36g
60	BH SERIES	B				1.00	PHEN		End-to-End Stackable	EBY19	0R36g
61	M20-984					.750	PLYR	Y	Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts,Off-Set Tails		25R14
62	M20-984					.750	PLYR	Y	Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts,Off-Set Tails		25R14
63	M20-987					.750	PLYR	Y	Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts,In-Line Tails		25R13
64	M20-987					.750	PLYR	Y	Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts,In-Line Tails		25R13
65	M20-988					.750	PLYR	Y	Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts,Double Row		25R12
66	M20-988					.750	PLYR	Y	Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts,Double Row		25R12
67	M20-990					.750	PLYR	Y	Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts,Double Row		25R10
68	M20-990					.750	PLYR	Y	Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts,Double Row		25R10
69	ESD-136						PLYR		Snap Strip, 36 Contacts Standard	SMI11	
70	SD-136						PLYR		Snap Strip, 36 Contacts Standard, 16oz INS, 1.5oz SEP	SMI01	0R29b
71	SDL-136						PLYR		Snap Strip, 36 Contacts Standard, 16oz INS, 1.5oz SEP	SMI05	0R13k
72	CSPF40	A	ST			1.00	PLYR	Y	Open Upper Part,Strain Relief Option Available		31R1
73	CSPF40	B	ST			1.00	PLYR	Y	Closed Upper Part,Strain Relief Option Available		31R1
74	5905	B				.600	PBT		Force 80oz In/16oz Out, .340/.150in Stackable Integ Pins,Au or Sn Platin	ARS02	119H3
75	5915	B				.600	PBT		Force 80oz In/16oz Out, .150in Integ Solder Post, Au or Sn Plating	ARS02	119H3
76	5925	B				.600	PBT		Force 80oz In/16oz Out, .340/.150in Stackable Integ Pins,Au or Sn Platin	ARS02	119H3
77	6905	B				.600	PBT		Force 80oz In/16oz Out, .340/.150in Stackable Integ Pins,Au or Sn Platin	ARS02	119H3
78	6915	B				.600	PBT		Force 80oz In/16oz Out, .150in Integ Solder Post, Au or Sn Plating	ARS02	119H3
79	6925	B				.600	PBT		Force 80oz In/16oz Out, .340/.150in Stackable Integ Pins,Au or Sn Platin	ARS02	119H3
80	477	B				.500	PLYR		Au or Sn Plating	CTL01	91H2
81	PGBC		ST				PBT		15,20,25,30,35,40 Contacts	WCH47	14R36
82	CSPF50	A	ST			1.00	PLYR	Y	Open Upper Part,Strain Relief Option Available		31R1
83	CSPF50	B	ST			1.00	PLYR	Y	Closed Upper Part,Strain Relief Option Available		31R1
84	517-065					1.00	PLYR	Y	10,14,16,20,26,34,40,50 Contacts, Without Strain Relief		0R17ao
85	517-066					1.00	PLYR	Y	10,14,16,20,26,34,40,50 Contacts, With Strain Relief		0R17ao

SOCKETS, HEADER PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		EMI	Insulator		Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type		DWV (KV)	Material				
2 ROWS, PITCH .100" (2.54mm) (Cont'd)											
1	68402					1.00	PLYR		2,3,4,...-50 Contacts, Sn or Au or Ni		12R2
2	PGBA		ST				PBT		10,15,25,30,35,40,51 Contacts	WCH47	14R35
3	65001					1.00	OPT		2,3,4,...-52 Contacts, Sn or Au Plating, Insulator DAP/PHEN		12R1
4	65971					1.00	OPT		2,3,4,...-52 Contacts, Sn or Au Plating, Insulator DAP/PHEN		12R1
5	66944					1.00	OPT		2,3,4,...-52 Contacts, Sn or Au Plating, Insulator DAP/PHEN		12R1
6	66945					1.00	OPT		2,3,4,...-52 Contacts, Sn or Au Plating, Insulator DAP/PHEN		12R1
7	67207					1.00	OPT		2,3,4,...-52 Contacts, Sn or Au Plating, Insulator DAP/PHEN		12R1
8	67208					1.00	OPT		2,3,4,...-52 Contacts, Sn or Au Plating, Insulator DAP/PHEN		12R1
9	840-FRC2	A				.500	PLCB	Y	10,14,16,20,26,34,40,50,60 Contacts, W/wo Strain Relief	AAP5	OR22h
10	840-HU	A		Fing		.300	PBT		40 or 60 Contacts	AAP7	OR11d
11	840-HU	B				.300	PBT		20,26,34,40,50,60 Contact Positions in Housing	AAP7	OR32b
12	CSPF60	A	ST			1.00	PLYR	Y	Open Upper Part,Strain Relief Option Available		31R1
13	CSPF60	B	ST			1.00	PLYR	Y	Closed Upper Part,Strain Relief Option Available		31R1
14	103177		ST				THPL	Y	Cnct. Plt. Au or Sn,8,10,14,16,20,26,28,30,34,38,40,42,44,48,50,52,60 Ct		29R45
15	103183		ST				THPL	Y	4,6,10,12,14,16,20,22,24,26,28,30,34,40,50,60 Contacts,Vert. Mount		29R44
16	88767		ST				THPL	Y	20,26,34,40,50,60 Contacts,Housing Assembly with Recessed Cover		OR32c
17	FP SERIES		ST			.500	THPL		10,14,16,20,26,34,40,50,60 Contacts	AUG06	OR22e
18	FRS					1.00	THPL		10,14,16,20,26,34,40,50,60 Contacts,Contact Plating Au or Sn	BDY06	44R2
19	FCN707					.500	PBT	Y	Force 741oz INS,88.25oz SEP,10,14,16,20,26,30,34,40,50,60 Contacts		34R1
20	FCN747					.500	PBT	Y	Force 741oz INS,88.25oz SEP,10,14,16,20,26,30,34,40,50,60 Contacts		34R2
21	HIF3C		ST			.650	PLYR		6,10,16,20,26,30,34,40,50,60 Contacts	HRS03	70R12
22	HIF3H	A	ST			.650	PLYR		10,16,20,26,30,34,40,50,60 Contacts	HRS03	70R7
23	HIF3H	B	ST			.650	PLYR		10,16,20,26,30,34,40,50,60 Contacts	HRS03	70R8
24	HIF3J		ST			.650	PLYR		10,16,20,26,30,34,40,50,60 Contacts	HRS03	70R9
25	4000 SERIES					.500	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts, Open/Wire Stop Cover,w/wo Strain Re	KAM08	OG01
26	6200 SERIES		ST			.800	PBT		10,14,16,20,26,30,34,40,50,60 Contacts	LEOC02	OR22m
27	2540S					.500	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts, With/Without Strain Relief		56R3
28	980	B				.250	PLYR	Y	Force 10oz INS, 2oz SEP, 2,3,4,...-60 Contacts, See Mfr Number Key	MEI11	OR35e
29	8613	A				1.05	PLYR	Y	10,14,16,20,26,34,40,50,60 Cntcts,MIL-C-83503,BS9525,BT224,HEID,DIN41651	SOU08	66H2
30	IDS						PLYR		10,14,16,20,26,34,40,50,60 Contacts	TXT09	55R6
31	51-11		ST			1.00	PBT	O	10,14,16,20,26,34,40,50,60 Contacts	WCH34	14R11
32	61-11		ST			1.00	PBT	O	10,14,16,20,26,34,40,50,60 Contacts	WCH34	14R12
33	UFS-B					1.00	PBT	O	10,16,20,26,30,34,40,50,60 Contacts, Contact Type 66, Wire Size 24-28AWG		97R13
34	499495		ST				THPL		10,14,16,20,24,26,30,34,40,50,60,64 Contacts,Strain Relief Optional		OR22j
35	499499		ST				THPL	Y	10,14,16,20,24,26,30,34,40,50,60,64 Contacts,Strain Relief Optional		29R47
36	499503		ST				THPL	Y	10,14,16,20,24,26,30,34,40,50,60,64 Contants,Detents,Strain Relief Opt.		29R48
37	499505		ST				THPL	Y	10,14,16,20,24,26,30,34,40,50,60,64 Contacts,Strain Relief Optional		OR24b
38	746085		ST				THPL	Y	10,14,16,20,24,26,30,34,40,50,60,64 Contacts,Strain Relief Optional		29R45
39	746091		ST				THPL	Y	10,14,16,20,24,26,30,34,40,50,60,64 Contacts,Strain Relief Optional		29R61
40	746094		ST				THPL	Y	10,14,16,20,24,26,30,34,40,50,60,64 Contacts,Strain Relief Optional		OR24b
41	AXM	A	ST			.750	Y		10,14,16,20,26,30,34,40,50,60,64 Contacts,Without Strain Relief	ARO02	90R1
42	AXM	B	ST			.750	Y		10,14,16,20,26,30,34,40,50,60,64 Contacts,With Strain Relief	ARO02	90R1
43	ASFSN		ST			.500		Y	Contact Plating Au or Sn	ASLH3	86R1
44	SH SERIES	A	ST			1.00	PLYR		10,14,16,20,26,34,40,50,60,64 Contacts, Latch Arm Options	AUG02	OH12b
45	SH SERIES	B	ST			1.00	PLYR		10,14,16,20,26,34,40,50,60,64 Contacts,Latch Arm Options	AUG02	OH13b
46	CA-D**MS		ST			.500	PLYR		Ins. 2.8oz., Sep. 1.4oz.,Tail Length 2.9,9.9, and 13.0mm	CAC30	OR29a
47	CA-D**MSR		ST			.500	PLYR		Ins. 2.8oz., Sep. 1.4oz.,Tail Length 2.9mm	CAC31	OR31a
48	HIF3B	A	ST			.650	PLYR	Y	10,14,16,20,26,30,34,40,50,60,64 Contacts	HRS03	70R10
49	HIF3B	B	ST			.650	PLYR	Y	10,14,16,20,26,30,34,40,50,60,64 Contacts	HRS03	70R11
50	58-10		ST						Contact Plating Au or Sn,10,14,16,20,26,34,40,50,60,64 Contacts	WCH18	
51	58-10		ST			1.00	PBT		10,14,16,20,26,34,40,50,60,64 Contacts	WCH27	14P6
52	81-10						PBT	O	Contact Plating Au or Sn,10,14,16,20,26,34,40,50,60,64 Contacts	WCH16	
53	FAS-01					.700	PBT	O	10,16,20,26,30,34,40,50,60,64 Cntcts,Addtl Features, Ref Mfr Number Key	YEI02	97R1
54	FAS-02B					.700	PBT		10,16,20,26,30,34,40,50,60,64 Cntcts, Without Strain Relief		97R6a
55	FAS-07					.700	PBT		10,16,20,26,30,34,40,50,60,64 Contacts, Cable End Strain Relief,Non-Pola		97R2
56	FAS-08					.700	PBT		10,16,20,26,30,34,40,50,60,64 Cntcts,Daisy Chain Strain Relief,Non-Polar		97R3
57	FAS-12					.700	PBT	Y	10,16,20,26,30,34,40,50,60,64 Cntcts, Without Strain Relief		97R6B
58	FAS-17					.700	PBT	Y	10,16,20,26,30,34,40,50,60,64 Contacts, Cable End Strain Relief,Polarize		97R2
59	FAS-18					.700	PBT	Y	10,16,20,26,30,34,40,50,60,64 Cntcts,Daisy Chain Strain Relief,Polarized		97R3
60	SFS-1700					.700	PBT	Y	10,16,20,26,30,34,40,50,60,64 Cntcts,Wire 28AWG Stranded,30AWG Solid		97R4
61	900	C				.250	PLYR		Force 10oz INS, 2oz SEP, 1,2,3,...-65 Contacts, See Mfr Number Key	MEI09	OR36b
62	900	D				.250	PLYR		Force 10oz INS, 2oz SEP, 1,2,3,...-65 Contacts, See Mfr Number Key	MEI09	OR35b
63	900	E				.250	PLYR		Force 10oz INS, 2oz SEP, 1,2,3,...-65 Contacts, See Mfr Number Key	MEI09	OR35c
64	900	F				.250	PLYR		Force 10oz INS, 2oz SEP, 1,2,3,...-65 Contacts, See Mfr Number Key	MEI09	OR35d
65	2543S						PLYR		See Dwg for Number of Contacts	LEOC05	56R4
66	929852						PLYR			APT02	93H9b
67	929852						PLYR			APT02	93H09b
68	929855						PLYR		PCB Mounting Centers .100x.150	APT02	93H09c
69	929855						PLYR		PCB Mounting Centers .100x.150	APT02	93H9c
70	929975						PLYR			APT02	93H9b
71	929975						PLYR			APT02	93H09b
72	929977						PLYR		PCB Mounting Centers .100x.150	APT02	93H09c
73	929977						PLYR		PCB Mounting Centers .100x.150	APT02	93H9c
74	6P SERIES	B	ST			1.00	NOR		8,12,20,26,34,40,50,60,64,72 Contacts	AUG04	11R1
75	FCN723J	B				.500	PPS		Force 529.5oz INS,63.5oz SEP, 3,4,5,...-36 Contacts		34R10
76	BSW-136	B					PLYR		72 Contacts Standard, 8oz INS and 5oz SEP	SMI22	
77	SMH-136	D					PLYR	Y	72 Contacts Standard, 5oz INS and SEP	SMI16	
78	SMH-136	E		Glwg			PLYR	Y	72 Contacts Standard, 5oz INS and SEP	SMI16	
79	SMH-136	F		Prl			PLYR	Y	72 Contacts Standard, 5oz INS and SEP	SMI16	
80	SSW-136	C					PLYR		72 Contacts Standard, 5oz INS and SEP	SMI14	
81	SSW-136	D					PLYR		72 Contacts Standard, 5oz INS and SEP	SMI14	
82	477	C				.500	PLYR		Au or Sn Plating	CTL01	91H3
83	477	D				.500	PLYR		Au or Sn Plating	CTL01	91H4
84	70181						PLYR		Even Number Contacts Only, Au or Sn Plating		38R1a
85	70182						PLYR		Even Number Contacts Only, Au or Sn Plating		38R1b
86	70191						PLYR		Even Number Contacts Only, Au or Sn Plating		38R2a
87	70192						PLYR		Even Numbered Contacts Only, Au or Sn Plating		38R2b
88	TKO	B				1.00	PET		Contact Retention 2lbs Min, Low Insertion Force, Opt Low Profile Molding	TPI01	69H6

SOCKETS, HEADER PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type	EMI	DWV (KV)	Material				
2 ROWS, PITCH .100" (2.54mm) (Cont'd)											
1	KG SERIES	B		Gide		1.00	PLYM		22,24,44,46,66,68,90 Brass, BeCu, or PBrz Contacts	HPT06	62R11
2	KG SERIES	D		Gide		1.00	PLYM		22,24,44,46,66,68,90 Brass, BeCu, or BPrz Contacts	HPT06	62R11
3	68045					1.00	PLYR		2,3,4,...50 Contacts, Sn or Au or Ni		12R2
4	929962						PLYR		PCB Mounting Centers .100x.310	APT02	93H10b
5	929962						PLYR		PCB Mounting Centers .100x.310	APT02	93H10b
6	929982						PLYR		PCB Mounting Centers .100x.310	APT02	93H10b
7	929982	E				.700	PLYR		PCB Mounting Centers .100X.310	APT02	93H10b
8	BC SERIES						PPS		63 Dual Positions, Notched Type N	EBY17	0R36f
9	7790-NA						PLYR		Even Numbered Contacts Only, Au or Sn Plating		38R4
10	87729		ST				THPL	Y	12,14,16,18,20,24,26,34,40,60,80,100,130 Contacts,End Stackable,Post Sto	EBY17	29R42
11	BC SERIES	A				.700	PPS		2 Thru 65 Dual Positions, Stackable Type S	EBY17	0R36f
12	BC SERIES	B				.700	PPS		2 Thru 65 Dual Positions, Stackable Type S	EBY17	0R36f
13	BC SERIES	C				.700	PPS		2 Thru 65 Dual Positions, Non-Stackable Type F	EBY17	0R36f
14	BC SERIES	D				.700	PPS		2 Thru 65 Dual Positions, Non-Stackable Type F	EBY17	0R36f
15	9000	A					PLYR		2,4,6,...-130 Contacts		0R35e
16	9000	B					PLYR		2,4,6,...-130 Contacts		0R35f
17	7790						PLYR	Y	Even Numbered Contacts Only, Au or Sn Plating		38R3
18	TKO	D				1.00	PET		Contact Retention 2lbs Min, Low Insertion Force, Opt Low Profile Molding	TPI01	69H5
19	TKO	F				1.00	PET		Contact Retention 2lbs Min, Low Insertion Force: Opt Low Profile Molding	TPI01	69H4
20	083	E				1.00	PLYR		Ref Mfr Number Key For Plating Options, Min Norm Force 2oz/Contact Point	TPI03	69H7d
21	083	F				1.00	PLYR		Ref Mfr Number Key For Plating Options, Min Norm Force 2oz/Contact Point	TPI03	69H7b
22	083	G				1.00	PLYR		Ref Mfr Number Key For Plating Options, Min Norm Force 2oz/Contact Point	TPI03	69H7d
23	083	H				1.00	PLYR		Ref Mfr Number Key For Plating Options, Min Norm Force 2oz/Contact Point	TPI03	69H7b
24	9082	A	90	Gide		1.00	PPS	Y	Force 1.5oz INS,0.8oz SEP,Au/Sn Plating,See Mfr Number Key for Options	ELO19	121R13
25	9082	B	ST	Fing		1.00	PPS	Y	Force 1.5oz INS,0.8oz SEP,Au/Sn Plating,See Mfr Number Key for Options	ELO20	121R14
2 ROWS, PITCH MISC.											
26	F SERIES	A	90			1.00	NYL	O	User Defined Number of Contacts,Cord Extender		39R10
27	F SERIES	B	90			1.00	NYL	O	User Defined Number of Contacts,Cord Extender		39R10
28	F SERIES	C	90			1.00	NYL	O	User Defined Number of Contacts,Cord Extender		39R10
29	S SERIES	A	ST			1.00	NYL	O	User Defined Number of Contacts		39R9
30	S SERIES	B	ST			1.00	NYL	O	User Defined Number of Contacts		39R9
31	S SERIES	C	ST			1.00	NYL	O	User Defined Number of Contacts		39R9
32	FM2	B	90			.300	PBT		Right Angle Cable Exit		120H10
33	350641		ST				NYL	Y	6,9,12,15 Contacts,Dual Locking Lances		29H9
34	35072		ST				THPL	Y	Contact Plating Au or Sn,6,9,12,15 Contacts,Dual Locking Lances		29H4
35	TE*Y	C	ST			.330	THPL		With or Without Strain Relief	BDY29	44R13
36	TE*Y	D	90			.330	THPL		With or Without Strain Relief	BDY29	44R13
37	DF1-S28		ST			.650	NYL	Y	2 Thru 20 Contacts	HRS08	70R26
38	MICA			Rivt		.750	PBT	Y	4,6,8,10,12,14,16,18,20 Contacts, Force 1.44oz INS/SEP		63R23
39	300	C				3.60	DAP	Y	7,15,19,25 Contact		42P1
40	A3-4D		ST			.500	PBT		4,6,8,10,12,14,18,20,24,28 Contacts	HRS11	120R6
41	A3-4D		ST			.500	PBT		4,6,8,10,12,14,16,18,20,24,28 Contacts	HRSJ02	120R6
42	840-FRC3	A				.200	PLCB	Y	16,20,34 Contacts, w/wo Strain Relief	AAP6	0R22a
43	M20-983		ST			.750	PLYR		2-10,20,36,Contacts,Double Row,Au or Sn Plating		25H2
44	FM2	A	ST			.300	PBT		10,20,26,40 Contacts,Cable Exit Straight		120H9
45	MS		ST			5.00	THPL				81R1
46	PGBB		ST				PBT		15,20,25,30,35,40,51 Contacts	WCH47	14R35
47	PGBD		ST				PBT		15,20,25,30,35,40,51 Contacts	WCH47	14R36
48	4P SERIES		ST			.500	THPL		10,20,26,34,40,50,60 Contacts		0R22d
49	901	A	ST			.500	THPL	Y	10,14,16,20,26,30,34,40,50,60 Contacts,W/Wo Polarization or Strain Relie		0R22v
50	901	B	ST			.500	THPL	Y	10,14,16,20,26,30,34,40,50,60 Contacts,W/Wo Polarization or Strain Relie		0R22v
51	901	M	ST			.500	NOR		10,14,16,20,26,30,34,40,50,60 Contacts		36R5
52	901	Q	ST			.500	PLYR	Y	10,14,16,20,26,30,34,40,50,60 Contacts		OG02
53	IS SERIES	A	ST			.500	PLYR	Y	10,14,16,20,26,34,40,50,60 Dual Beam Contacts,Au or Sn Plating	EBY20	31R1
54	IS SERIES	B	ST			.500	PLYR	Y	10,14,16,20,26,34,40,50,60 Single Beam Contacts,Au or Sn Plating	EBY20	31R1
55	LTC		ST			.350	PLYR	Y	10,16,20,26,34,40,50,60 Contacts Avail W/Wo Strain Relief		31R1
56	6230	A	ST			.800	PBT		10,14,16,20,26,30,34,40,50,60 Contacts		0R22m
57	6230	B	90			.800	PBT		10,14,16,20,26,30,34,40,50,60 Contacts		0R22m
58	AXB	A				1.00	PET	O	10,14,16,20,26,30,34,40,50,60,64 Contacts,Low Profile,Polar Key Availabl	ARO05	90H8
59	AXB	B				1.00	PET	O	10,14,16,20,26,30,34,40,50,60,64 Contacts,Low Profile,Polar Key Availabl	ARO05	90H9
60	517-095		ST			1.00	PLYR	Y	10,14,16,20,26,34,40,50,60,64 Contacts,Polarizing Key		29R50
61	517-096		ST			1.00	PLYR	Y	10,14,16,20,26,34,40,50,60,64 Contacts,Polarizing Key,Strain Relief		29R50
62	517-098		ST			1.00			10,14,16,20,26,34,40,50,60,64 Contacts		29R50
63	517-099		ST			1.00			10,14,16,20,26,34,40,50,60,64 Contacts,Strain Relief		29R50
64	FT	C				.800			10,14,16,20,26,34,40,50,60,64 Contacts		17H28
65	21000		ST				PLYR		Au or Sn Plating,Use 25000 Series Contacts		83H13
66	HS-252**						PLYR	O	4-80 Contacts Even Only		OG02a
67	HIF6A-20D	A	ST			.300	PBT	Y	20,26,32,34,40,50,52,60,68,80 Contacts	HRS10	120R2
68	HIF6A-20D	B	ST			.300	PBT	Y	20,26,32,34,40,50,52,60,68,80 Contacts	HRS10	120R3
69	HIF6B-20D	A	ST	Fing		.300	PBT	Y	20,26,32,34,40,50,52,60,68,80 Contacts	HRS10	120R4
70	HIF6B-20D	B	ST	Fing		.300	PBT	Y	20,26,32,34,40,50,52,60,68,80 Contacts	HRS10	120R5
71	HIF6A-20D	A	ST			.300	PBT	Y	20,26,32,34,40,50,52,60,68,80 Contacts	HRSJ01	120R2
72	HIF6A-20P	B	ST			.300	PBT	Y	20,26,32,34,40,50,52,60,68,80 Contacts	HRSJ01	120R3
73	HIF6B-20D	A	ST	Fing		.300	PBT	Y	20,26,32,34,40,50,60,68,80 Contacts	HRSJ01	120R4
74	HIF6B-20D	B	ST	Fing		.300	PBT	Y	20,26,32,34,40,50,52,60,68,80 Contacts	HRSJ01	120R5
75	CHE-20	A	ST			1.00			Au or Sn Plating,Polyetherimide (PET) Insulator	MMM08	28R10
76	CHE-20	B	90			1.00			Au or Sn Plating,Polyetherimide (PET) Insulator	MMM08	28R10
77	CHE-20	C	ST			1.00			Au or Sn Plating,Polyetherimide (PET) Insulator	MMM08	28R11
78	CHE-20	D	90			1.00			Au or Sn Plating,Polyetherimide (PET) Insulator	MMM08	28R12
79	NFS-A					.700	PBT	O	10,16,20,26,30,34,40,50,60,64,80 Cnctcs,Addtl Features In Mfr Number Ke	YEI07	97R9
80	093	A				1.00	PLYR		Ref Mfr Number Key For Plating Options, Min Norm Force 2oz/Contact Point	TPI03	69H8a
81	093	B				1.00	PLYR		Ref Mfr Number Key For Plating Options, Min Norm Force 2oz/Contact Point	TPI03	69H8b
82	093	C				1.00	PLYR		Ref Mfr Number Key For Plating Options, Min Norm Force 2oz/Contact Point	TPI03	69H8a
83	093	D				1.00	PLYR		Ref Mfr Number Key For Plating Options, Min Norm Force 2oz/Contact Point	TPI03	69H8b
84	68822						PET		10,20,30,40,50,60,70,80,90,100 Contacts, Force 4.5oz INS, 3.3oz SEP		12R5
85	68825						PET		10,20,30,40,50,60,70,80,90,100 Contacts, Force 4.5oz INS, 3.3oz SEP		12R6

SOCKETS, HEADER PRODUCT SELECTION

Line No.	D.A.T.A. Mfr. Code	Type Identification	Variation	Approvals							Contact						Contact Termination															
				CSA	IEC	MIL	UL	VG	VDE	Other	Number (Range)	Option	Type	Entry Resistance (mOhm)	Current (Amp)	Material	Plating	Angle	Crimp	Cup	IDC	Loop	Post	Press Fit	Screw	Quick	Spring	Surface	Turret	Wrap	Other	
2 ROWS, PITCH MISC. (Cont'd)																																
1	HRS	HIF6-20D								20-100		Spring	30	.50	Cu	Au	ST															
2	HRSJ	HIF6-20D								20-100		Spring	30	.50	Cu	Au	ST															
3	HRSJ	HIF3H-F	A							10-130		Socket					ST															
4	HRSJ	HIF3H-F	B							10-130		Socket					ST															
3 ROWS, PITCH .100" (2.54mm)																																
5	FERS	F SERIES	D							0		Fork	6.0	3.0	BeCu	Au	90															
6	FERS	F SERIES	E							0		Fork	6.0	3.0	BeCu	Au	90															
7	FERS	F SERIES	F							0		Fork	6.0	3.0	BeCu	Au	90															
8	FERS	S SERIES	D							0		Fork	6.0	3.0	BeCu	Au	ST															
9	FERS	S SERIES	E							0		Fork	6.0	3.0	BeCu	Au	ST															
10	FERS	S SERIES	F							0		Fork	6.0	3.0	BeCu	Au	ST															
11	WCH	4245								50&74		Socket	25	3.0	PBrz	Au	ST															
4 ROWS, PITCH MISC.																																
12	FERS	F SERIES	G							0		Fork	6.0	3.0	BeCu	Au	90															
13	FERS	F SERIES	H							0		Fork	6.0	3.0	BeCu	Au	90															
14	FERS	F SERIES	J							0		Fork	6.0	3.0	BeCu	Au	90															
15	FERS	S SERIES	G							0		Fork	6.0	3.0	BeCu	Au	ST															
16	FERS	S SERIES	H							0		Fork	6.0	3.0	BeCu	Au	ST															
17	FERS	S SERIES	J							0		Fork	6.0	3.0	BeCu	Au	ST															

SOCKETS, D-TYPE PRODUCT SELECTION

Line No.	Type Identification	Mounting			Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Variation	Angle	Type	EMI	DWV (KV)	Material				
2 ROWS											
1	CDF9	A	ST	Fing			PLYR	Y	"Std", Ins., Sep. 7.2oz., Float Mount Available		OG01
2	CDF9	B	ST	Fing			PLYR	Y	"Std", Ins., Sep. 7.2oz., Float Mount Available		OG01
3	11.29	F	ST	Fing		1.00	NYL	Y	"Std", Ins., Sep. 12oz., M-D Series, Mounting, Plating, Grounding Options Avail		OG01
4	11.41	A	ST	Fing	X	1.00	NYL	Y	"STD", Ins., Sep. 12oz., .283, .454, .545in. Standard Bend Dimensions		OG01
5	11.42	A	ST	Fing	X	1.00	NYL	Y	"STD", Ins., Sep. 12oz., Available With .370in. European Bend Dimensions		OG01
6	11.87	E	ST	Fing		1.00	PLYR	Y	Rated Current: 1.0A W/28AWG or 1.5A W/26AWG Ribbon Cable, .050in. Centers		OG01
7	DMR-L-9S		90	Brkt		1.00	PBT		Zn or Sn Plated Steel Shell		OG01
8	DMR-9S		90	Brkt		1.00	PBT		Zn or Sn Plated Steel Shell		OG01
9	DMS-9S			Brkt		1.00	PBT		Zn or Sn Plated Steel Shell, .125, .170, .250in Tail Length		OG01
10	DEJ	B			X	.500	OPT		See Mfr Number Key for Options	MBC1	0R22p
11	DET	B			X	.500	OPT		See Mfr Number Key for Options	MBC1	0R22p
12	ISSD09S					1.00	THPL		See Mfr Number Key for Options	MBC3	
13	MFDE09S					.300	THPL		See Mfr Number Key for Options	MBC2	0R22p
14	RASD09P		90			1.00	THPL		See Mfr Number Key for Options	MBC3	OG01
15	STSD09P					1.00	THPL		See Mfr Number Key for Options	MBC3	
16	CDF15	A	ST	Fing			PLYR	Y	"Std", Ins., Sep. 7.2oz., Float Mount Available		OG01
17	CDF15	B	ST	Fing			PLYR	Y	"Std", Ins., Sep. 7.2oz., Float Mount Available		OG01
18	11.29	G	ST	Fing		1.00	NYL	Y	"Std", Ins., Sep. 12oz., M-D Series, Mounting, Plating, Grounding Options Avail		OG01
19	11.41	B	ST	Fing	X	1.00	NYL	Y	"STD", Ins., Sep. 12oz., .283, .454, .545in. Standard Bend Dimensions		OG01
20	11.42	B	ST	Fing	X	1.00	NYL	Y	"STD", Ins., Sep. 12oz., Available With .370in. European Bend Dimensions		OG01
21	11.87	F	ST	Fing		1.00	PLYR	Y	Rated Current: 1.0A W/28AWG or 1.5A W/26AWG Ribbon Cable, .050in. Center		OG01
22	DMR-L-15S		90	Brkt		1.00	PBT		Zn or Sn Plated Steel Shell		OG01
23	DMR-15S		90	Brkt		1.00	PBT		Zn or Sn Plated Steel Shell		OG01
24	DMS-15S			Brkt		1.00	PBT		Zn or Sn Plated Steel Shell, .125, .170, .250in Tail Length		OG01
25	DAJ	B			X	.500	OPT		See Mfr Number Key for Options	MBC1	0R22q
26	DAT	B			X	.500	OPT		See Mfr Number Key for Options	MBC1	0R22q
27	ISSD15S					1.00	THPL		See Mfr Number Key for Options	MBC3	
28	MFDA15S					.300	THPL		See Mfr Number Key for Options	MBC2	0R22q
29	RASD15S		90			1.00	THPL		See Mfr Number Key for Options	MBC3	OG01
30	STSD15S					1.00	THPL		See Mfr Number Key for Options	MBC3	
31	D-SERIES	B				1.00	THPL		Two-Piece UL Rated 94V-0 Thermoplastic Insulator, 2 and 3 Level Wirewrap	SOU01	OG01
32	D-SERIES	D				1.00	THPL		Two-Piece UL Rated 94V-0 Thermoplastic Insulator	SOU01	OG01
33	DB-SERIES	C				1.00	THPL		Two Piece Bonded Thermoplastic Insulator, Qualified to MIL-C-24308	SOU01	OG01
34	DB-SERIES	D				1.00	THPL		Two Piece Bonded Thermoplastic Insulator, Qualified to MIL-C-24308	SOU01	OG01
35	DJ-SUB	B				.300	THST		Based on Standard Specs MIL-C-24308, NFC93425, and BS9523-N-001	SOU05	OG01
36	DJP-SUB	B				.500	OPT		Insulators: Thermo-set or Polyester	SOU07	66R11
37	DJP-SUB	D				.500	OPT		Insulators: Thermo-set or Polyester	SOU07	66R11
38	DM-SERIES	B				1.00	THST		Conforms to BS9253-N-001 and is Approved to MIL-C-24308B and NFC93425	SOU03	OG01
39	DM-SERIES	D				1.00	THST		Conforms to BS9253-N-001 and is Approved to MIL-C-24308B and NFC93425	SOU03	OG01
40	DP-SERIES	C				1.00	THPL		Non-Removable Machined Contacts	SOU01	OG01
41	DP-SERIES	D				1.00	THPL		Non-Removable Machined Contacts	SOU01	OG01
42	DTP-SERIES	B				.500	THPL		Capacitive and Pi Filtered, See Mfr Number Key	SOU02	66R6
43	DTP-SERIES	D				.500	THPL		Capacitive and Pi Filtered, See Mfr Number Key	SOU02	66R6
44	DTP-SUB	B				.500	PLYR		Based on Standard Specs MIL-C24308, NFC93425, and BS9523-N-001	SOU06	OG01
45	DTP-SUB	D				.500	PLYR		Based on Standard Specs MIL-C24308, NFC93425, and BS9523-N-001	SOU06	OG01
46	FD-SERIES	B				1.00	THPL		Two-Piece UL Rated 94V-0 Thermoplastic Insulator	SOU01	OG01
47	FD-SERIES	D				1.00	THPL		Two-Piece UL Rated 94V-0 Thermoplastic Insulator, Gold/Tin Plating	SOU01	OG01
48	FDRA	E				1.00	THPL		UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	66R2a
49	FDRA	F				1.00	THPL		UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	66R2b
50	FDRA	G				1.00	THPL		UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	66R2c
51	FDRA	H				1.00	THPL		UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	66R2d
52	CDF25	A	ST	Fing			PLYR	Y	"Std", Ins., Sep. 7.2oz., Float Mount Available		OG01
53	CDF25	B	ST	Fing			PLYR	Y	"Std", Ins., Sep. 7.2oz., Float Mount Available		OG01
54	11.29	H	ST	Fing		1.00	NYL	Y	"Std", Ins., Sep. 12oz., M-D Series, Mounting, Plating, Grounding Options Avail		OG01
55	11.41	C	ST	Fing	X	1.00	NYL	Y	"STD", Ins., Sep. 12oz., .283, .454, .545in. Standard Bend Dimensions		OG01
56	11.42	C	ST	Fing	X	1.00	NYL	Y	"STD", Ins., Sep. 12oz., Available With .370 European Bend Dimensions		OG01
57	11.53	A	ST	Fing		1.00	PLYR	Y	9,15,25 Contacts, Thru Mounting Hole, .318in. Footprint		31R10
58	11.53	B	ST	Fing		1.00	PLYR	Y	9,15,25 Contacts, #4-40 Flush Insert Mounting, .318in. Footprint		31R10
59	11.53	C	ST	Fing		1.00	PLYR	Y	9,15,25 Contacts, #4-40 Stand-off Mounting, .318in. Footprint		31R10
60	11.54	A	ST	Fing		1.00	PLYR	Y	9,15,25 Contacts, Thru Mounting Hole, .590in Footprint		31R11
61	11.54	B	ST	Fing		1.00	PLYR	Y	9,15,25 Contacts, #4-40 Flush Insert Mounting, .590in. Footprint		31R11
62	11.54	C	ST	Fing		1.00	PLYR	Y	9,15,25 Contacts, #4-40 Stand-off Mounting, .590in. Footprint		31R11
63	11.63	A	ST	Fing	X	1.00	PLYR	Y	9,15,25 Contacts, Thru Mounting Hole, .318in. Footprint		31R10
64	11.63	B	ST	Fing	X	1.00	PLYR	Y	9,15,25 Contacts, #4-40 Flush Insert Mounting, .318in. Footprint		31R10
65	11.63	C	ST	Fing	X	1.00	PLYR	Y	9,15,25 Contacts, #4-40 Stand-off Mounting, .318in. Footprint		31R10
66	11.64	A	ST	Fing	X	1.00	PLYR	Y	9,15,25 Contacts, Thru Mounting Hole, .590in. Footprint		31R11
67	11.64	B	ST	Fing	X	1.00	PLYR	Y	9,15,25 Contacts, #4-40 Flush Insert Mounting, .590in. Footprint		31R11
68	11.64	C	ST	Fing	X	1.00	PLYR	Y	9,15,25 Contacts, #4-40 Stand-off Mounting, .590in. Footprint		31R11
69	11.87	G	ST	Fing		1.00	PLYR	Y	Rated Current 1.0A W/28AWG or 1.5A W/26AWG Ribbon Cable, .050in. Center		OG01
70	928690		90	Thru	X	1.00	PLYR	Y	Metal Shell With Ground Strap	APT08	OG01
71	928692		90	Inst	X	1.00	PLYR	Y	Metal Shell With Ground Strap	APT08	OG01
72	928693		90	Stnd	X	1.00	PLYR	Y	Metal Shell With Ground Strap	APT08	OG01
73	928695		90	Thru	X	1.00	PLYR	Y	Metal Shell With Ground Strap	APT08	OG01
74	928697		90	Inst	X	1.00	PLYR	Y	Metal Shell With Ground Strap	APT08	OG01
75	928698		90	Stnd	X	1.00	PLYR	Y	Metal Shell With Ground Strap	APT08	OG01
76	CA-25SMD	A	ST	Fing		.500	PLYR	Y		CAC08	0R40e
77	ED		90	Fing	X	1.00	PLYR	Y	9,15,25 Contacts, With Screwlocks or Threaded Inserts		OG01
78	GD	D	ST	Fing		1.00	DAP		9,15,25 Contacts, Rigid or Float Mount	CAN11	OG01
79	SURFACE-D		90	Fing	X		THPL		9,15,19,25, Contacts		OG01
80	11.53		90			1.00	PLAS		9,15,25 Contacts, Mounting Bracket Molded To Body		OG01
81	11.54		90	Brkt		1.00	PLAS		9,15,25 Contacts, Mounting Bracket Molded To Body		OG01
82	11.63		90	Brkt	X	1.00	PLAS		9,15,25 Contacts, Mounting Bracket Molded To Body		OG01
83	11.64		90	Brkt	X	1.00	PLAS		9,15,25 Contacts, Mounting Bracket Molded To Body		OG01
84	119F		ST	Fing				Y	RS232 Connector		0R40k
85	119FS		ST	Fing	X			Y	RS232 Connector		OG01
86	DF25-S12-01					1.00	THPL		1000pt/Hole Filtered Connector		
87	RDBH		ST	Fing	X			Y	Optional RS-232 Mounting	HRS16	OG01
88	RDBI		ST	Fing	X			Y	Optional RS-232 Mounting	HRS15	OG01

SOCKETS, D-TYPE PRODUCT SELECTION

Line No.	Type Identification	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Variation	Angle	Type	EMI	DWV (KV)				
2 ROWS (Cont'd)										
1	SM Series	A	ST	Fing	X	1.00	PLYR	Y		
2	SM Series	B	ST	Inst	X	1.00	PLYR	Y		
3	DMR-L-25S		90	Brkt		1.00	PBT		Zn or Sn Plated Steel Shell	0G01
4	DMR-25S		90	Brkt		1.00	PBT		Zn or Sn Plated Steel Shell	0G01
5	DMS-25S			Brkt		1.00	PBT		Zn or Sn Plated Steel Shell, .125, .170, .250in Tail Length	0G01
6	DBJ	B			X	.500	OPT		See Mfr Number Key for Options	MBC1 0R22r
7	DBT	B			X	.500	OPT		See Mfr Number Key for Options	MBC1 0R22r
8	ISSD25S					1.00	THPL		See Mfr Number Key for Options	MBC3 MBC2
9	MFD25S					.300	THPL		See Mfr Number Key for Options	MBC3 0R22r
10	RASD25S		90			1.00	THPL		See Mfr Number Key for Options	MBC3 0G01
11	STSD25S					1.00	THPL		See Mfr Number Key for Options	MBC3 0G01
12	8ISFD					1.00	THPL		Glass Reinforced Thermoplastic, UL Rated 94V-0 Nonflammable	SOU01 0G01
13	8STFD					1.00	THPL		Glass Reinforced Thermoplastic, UL Rated 94V-0 Nonflammable	SOU01 0G01
14	DN20		ST	Fing	X	.100	PBT		20,36,50 Contact Configurations Pending	120R13
15	WM29S		ST	Fing		1.00	DAP	Y	11,17,23,29,35 Contacts	14R31
16	119-36F		ST	Fing				Y	Amphenol Connector	84R3
17	117-D	A			X	.300	DAP		9,15,25,37 Contacts, Rigid and Float Mount	AAP16 0G01
18	117-D	B			X	.300	DAP		9,15,25,37 Contacts, Rigid and Float Mount	AAP16 0G01
19	117D	A		Brkt		.300	THPL		9,15,25,37 Contacts, Rigid and Float Mount	AAP13 0R45d
20	117D	B		Brkt		.300	THPL		9,15,25,37 Contacts, Rigid and Float Mount	AAP13 0G01
21	117D	I			X	.300	DAP		9,15,25,37 Contacts, Rigid and Float Mount	AAP15 0R45d
22	117D	J			X	.300	DAP		9,15,25,37 Contacts, Rigid and Float Mount	AAP15 0G01
23	117DF	A			X	.300	PBT		9,15,25,37 Contacts, Rigid and Float Mount	AAP13 0R45d
24	117DF	B			X	.300	PBT		9,15,25,37 Contacts, Rigid and Float Mount	AAP13 0G01
25	17 SERIES	A			X	.500	NYL		9,15,25,37 Contacts, Metal Shell	AAP14 0R45d
26	17 SERIES	B			X	.500	NYL		9,15,25,37 Contacts, Metal Shell	AAP14 0G01
27	617	B	90	Fing	X	1.00	THPL		9,15,25,37 Contacts, Avail With Plastic or Metal Front Shell	AAP18 0G01
28	HS-027**	A	90	Fing		1.00	PBT	Y	9,15,25,37 Contacts, Sn or Zn Plated Steel Shell	0G01
29	HS-027**	B	90	Fing		1.00	PBT	Y	9,15,25,37 Contacts, Sn or Zn Plated Steel Shell	0G01
30	CDF37	A	ST	Fing			PLYR	Y	"Std", Ins., Sep. 7.2oz., Float Mount Available	0G01
31	CDF37	B	ST	Fing			PLYR	Y	"Std", Ins., Sep. 7.2oz., Float Mount Available	0G01
32	11.29	I	ST	Fing		1.00	NYL	Y	"Std", Ins., Sep. 12oz., M-D Series, Mounting, Plating, Grounding Options Avail	0G01
33	11.41	D	ST	Fing	X	1.00	NYL	Y	"STD", Ins., Sep. 12oz., .283, .454, .545in. Standard Bend Dimensions	0G01
34	11.42	D	ST	Fing	X	1.00	NYL	Y	"STD", Ins., Sep. 12oz., Available With .370in. European Bend Dimensions	0G01
35	11.87	H	ST	Fing		1.00	PLYR	Y	Rated Current: 1.0A W/28AWG or 1.5A W/26AWG Ribbon Cable, .050in. Center	0G01
36	HDM-20	C	90	Fing			PET	Y	9,15,25,37 Contacts, Posted Socket Contacts	0P10c
37	207084(HDP-20)		ST	Fing			THPL	Y	9,15,25,37 Contacts, Mount Threaded Insert/Fixed Female Screwlock/Standar	0G01
38	207665(HDP-20)		90	Othr			THPL	Y	9,15,25,37 Contacts, Mounting With Threaded Insert/Fixed Female Screwlock	29R40
39	745112(HDP-20)		90	Fing	X		NYL	Y	9,15,25,37 Contacts, Sn or Zn Plated Shell	0G01
40	745131(HDP-20)		ST	Fing			THPL	Y	9,15,25,37 Contacts, Mounting With Threaded Inserts/Fixed Female Screwloc	0G01
41	745330(HDP-20)		ST	Fing			THPL	Y	9,15,25,37 Contacts, Mounting, Threaded Insert/Fixed Female Screwlocks	0G01
42	745438(HDP-20)		90	Fing	X		NYL	Y	9,15,25,37 Contacts, Sn or Zn Plated Shell	0G01
43	745781(HDP-20)		ST	Fing	X		THPL	Y	9,15,25,37 Contacts, Mounting With Threaded Inserts/Fixed Female Screwloc	0G01
44	841210(50 Series)		ST	Fing		.250	Y	Y	9,15,25,37 Cntct., fc=2MHz, Capacitance/1KHz-3000pf Min., RF Current 300mA	0G01
45	841220(50 Series)		ST	Fing		.250	Y	Y	9,15,25,37 Cntct., fc=2MHz, Capacitance/1KHz-3000pf Min., RF Current 300mA	0G01
46	841265(60 Series)		ST	Fing		.250	Y	Y	9,15,25,37 Cntct., fc=150MHz, Capacitance/1KHz-175pf Max., RF Current 300mA	0G01
47	841275(60 Series)		ST	Fing		.250	Y	Y	9,15,25,37 Cntct., fc=150MHz, Capacitance/1KHz-175pf Max., RF Current 300mA	0G01
48	841320(70 Series)		ST	Fing		.250	Y	Y	9,15,25,37 Cntct., fc=50MHz, Capacitance/1KHz-400pf Max., RF Current 300mA	0G01
49	841330(70 Series)		ST	Fing		.250	Y	Y	9,15,25,37 Cntct., fc=50MHz, Capacitance/1KHz-400pf Max., RF Current 300mA	0G01
50	842422(90 Series)		ST	Fing		.250	Y	Y	9,15,25,37 Cntct., fc=30MHz, Capacitance/1KHz-600pf Max., RF Current 300mA	0G01
51	842527(90 Series)		ST	Fing		.250	Y	Y	9,15,25,37 Cntct., fc=30MHz, Capacitance/1KHz-600pf Max., RF Current 300mA	0G01
52	842557(100 Series)		ST	Fing		.250	Y	Y	9,15,25,37 Cntct., fc=20MHz, Capacitance/1KHz-1000pf Max., RF Current 300mA	0G01
53	842562(100 Series)		ST	Fing		.250	Y	Y	9,15,25,37 Cntct., fc=20MHz, Capacitance/1KHz-1000pf Max., RF Current 300mA	0G01
54	859705(20 Series)		ST	Fing		.250	Y	Y	9,15,25,37 Cntct., fc=5MHz, Capacitance/1KHz 1000pf Min., RF Current 300mA	0G01
55	859715(20 Series)		ST	Fing		.250	Y	Y	9,15,25,37 Cntct., fc=5MHz, Capacitance/1KHz-1000pf Min., RF Current 300mA	0G01
56	859749(30 Series)		ST	Fing		.250	Y	Y	9,15,25,37 Cntct., fc=3MHz, Capacitance/1KHz-2000pf Min., RF Current 300mA	0G01
57	859750(30 Series)		ST	Fing		.250	Y	Y	9,15,25,37 Cntct., fc=3MHz, Capacitance/1KHz-2000pf Min., RF Current 300mA	0G01
58	SERIES 301	C	ST	Fing		.500	PLYM	Y	9,15,21,25,31,37 Contacts, Ultra-Miniature	API01 0G01
59	SERIES 301	D	90	Fing		.500	PLYM	Y	9,15,21,25,31,37 Contacts, Ultra-Miniature	API01 0G01
60	SERIES 303	C	ST	Fing		.500	PLYR	Y	9,15,25,37 Screw Machined Contacts	API03 0G01
61	SERIES 303	D	ST	Fing		.500	PLYR	Y	9,15,25,37 Screw Machined Contacts, Right Angle Offset=.370in.	API03 0G01
62	SERIES 331	B	90	Brkt		.500	PLYR	Y	9,15,25,37 Contacts, Right Angle Offset=.283in. or .545in.	API03 0G01
63	SERIES 332	B	90	Brkt		1.00	PBT	Y	9,15,25,37 Contacts, All Plastic Body, Metal Nose Opt, R/A Offset=.590in.	API02 0G01
64	928620		90	Thru			PLYR	Y	9,15,25,37 Contact, .125in Dia Thru-Hole, #4-40 Thread Insert or Standoff	APT08 0G01
65	928622		90	Inst			PLYR	Y	9,15,25,37 Contacts, .125in Dia Thru-Hole, #4-40 Thread Insert or Standoff	APT08 0G01
66	928623		90	Stnd			PLYR	Y	9,15,25,37 Contacts, .125in Dia Thru-Hole, #4-40 Thread Insert or Standoff	APT08 0G01
67	928640		90	Thru			PLYR	Y	9,15,25,37 Contacts, .125in Dia Thru-Hole, #4-40 Thread Insert or Standoff	APT08 0G01
68	928642		90	Inst			PLYR	Y	9,15,25,37 Contacts, .125in Dia Thru-Hole, #4-40 Thread Insert or Standoff	APT08 0G01
69	928643		90	Stnd			PLYR	Y	9,15,25,37 Contacts, .125in Dia Thru-Hole, #4-40 Thread Insert or Standoff	APT08 0G01
70	A-DFF		ST	Fing		1.00	PLYR	Y	9,15,25,37 Contacts	79R2
71	FCC-183			Fing		.500	THPL	Y	9,15,25,37 Contacts, Sep. 8oz, Two Cable Entry/Exit Points	0G01
72	FCC-283			Fing		.500	THPL	Y	9,15,25,37 Contacts, Sep. 8oz, Two Cable Entry/Exit Points	0G01
73	107-101-1		ST	Fing		1.00	THPL	Y	9,15,25,37 Contacts, Mounting hole, Threaded Jackscrew or Insert, Long Body	BDY12 0R40d
74	107-102-1		ST	Fing		1.00	THPL	Y	9,15,25,37 Contacts, Mounting Hole, Threaded Jackscrew or Insert, Long bod	BDY12 0R20e
75	107-102-1A						THPL	Y	9,15,25,37 Contacts, Standard Body, Threaded Jackscrews or Threaded Insert	BDY13 0G01
76	107-201-1		ST	Fing		1.00	THPL	Y	9,15,25,37 Contacts, Mounting Hole, Threaded Jackscrew or Insert, Short Bod	BDY12 0R40d
77	107-202-1		ST	Fing		1.00	THPL	Y	9,15,25,37 Contacts, Mounting Hole, Threaded Jackscrew or Insert, Short bod	BDY12 0R40d
78	107-202-1A						THPL	Y	9,15,25,37 Contacts, Standard Body, Threaded Jackscrew or Threaded Insert	BDY13 0G01
79	DE-9S		ST				PBT	Y	9,15,25,37 Contacts	0G01
80	BERGUN-D	B	ST	Fing	O	1.00	THPL	Y	9,15,25,37 Contacts, Rigid and Float Mount	CAN06 0G01
81	D*D	B	ST	Fing		1.25	DAP		9,15,25,37 Contacts, Rigid or Float Mount	CAN12 0G01
82	D*M	B	ST	Fing		1.25	DAP		9,15,25,37 Contacts, Rigid or Float Mount	CAN10 0G01
83	D*M	D	90	Fing		1.25	DAP		9,15,25,37 Contacts, Rigid or Float Mount	CAN10 0G01
84	D*P	B	90	Fing		.600	THPL		9,15,25,37 Contacts, With Screwlocks or Threaded Inserts	CAN08 0G01
85	D*PF	F	90	Fing		.600	THPL		9,15,25,37 Contacts, With Screwlocks or Threaded Inserts	CAN09 0G01
86	D*PF	H	90	Fing		.600	THPL		9,15,25,37 Contacts, With Screwlocks or Threaded Inserts	CAN09 0G01
87	DE-9S		ST	Fing	X	1.00	PLYR	Y	9,15,25,37 Contacts	CAN03 0G01
88	MIDU		ST	Fing		.600			9,15,21,25,31,37 Contacts, Polyetherimide Insulator	CAN04 0G01

SOCKETS, D-TYPE PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		EMI	Insulator		Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type		DWV (KV)	Material				
2 ROWS (Cont'd)											
1	ORIGINAL D	B	ST	Fing		1.25	PLYM	Y	9,15,25,37 Contacts,Rigid and Float Mounts	CAN05	0G01
2	ORIGINAL D	H	90	Fing		1.25	PLYM	Y	9,15,25,37 Contacts,Rigid and Float Mounts	CAN05	0G01
3	SPEEDY-D	B	ST	Fing	O	1.00	PLYR	Y	9,15,25,37 Contacts,Rigid and Float Mounts	CAN07	0G01
4	DELTA D	D		Othr		1.00	PBT		Force 2-12oz INS/SEP, 9,15,27,37 Contact, See Mfr Number Key for Options	COMC03	0G01
5	DELTA D	E		Othr		1.00	PBT		Force 2-12oz INS/SEP, 9,15,27,37 Contact, See Mfr Number Key for Options	COMC03	0G01
6	DELTA D	F		Othr		1.00	PBT		Force 2-12oz INS/SEP, 9,15,25,37 Contact, See Mfr Number Key for Options	COMC03	0G01
7	621-060			Fing		1.00	PLYR		9,15,25,37 Contacts, Available With/Without Strain Relief		0G01
8	11.417			Fing	X	1.00	NYL		Force 1-12oz per Contact, 9,15,25,37 Contacts	CTE02	0G01
9	11.418			Fing	X	1.00	NYL		Force 1-12oz per Contact, 9,15,25,37 Contacts	CTE02	0G01
10	11.419			Fing	X	1.00	NYL		Force 1-12oz per Contact, 9,15,25,37 Contacts	CTE02	0G01
11	11.42			Fing	X	1.00	NYL		Force 1-12oz per Contact, 9,15,25,37 Contacts	CTE01	0G01
12	101F		ST	Fing	X	1.00	PBT	Y	9,15,25,37 Contacts		0R46c
13	103F		ST	Fing	X	1.00	PBT	Y	9,15,25,37 Contacts		0G01
14	103FLK		ST	Fing	X	1.00	PBT	Y	9,15,25,37 Contacts		0G01
15	MISER-D	B				1.00	THPL		9,15,25,37 Contacts, Cd or Zn Plated Metal Shell	EBY02	0G01
16	ORIGINAL-D	B				1.00	THPL		9,15,25,37 Contacts, Cd or An Plated Metal Shell	EBY01	0G01
17	ORIGINAL-D	D				1.00	THPL		9,15,25,37 Contacts, Cd or Zn Plated Metal Shell	EBY01	0G01
18	PLASTIC-D	B				1.00	PLYR		9,15,25,37 Contacts	EBY03	0G01
19	MD	B							9,15,25,37 Contacts, Metal or Plastic See Mfr Number Key for Options	EFB11	0G01
20	PD	B							9,15,25,37 Contacts, Metal or Plastic See Mfr Number Key for Options	EFB11	0G01
21	ECR	A	ST	Stnd		.800	RYTN		Force 10oz INS,9,15,21,25,31,37 Contacts,See Mfr Number Key for Options	ELO17	121R11
22	FCN774	B	90		O	.500	PBT		9,15,25,37 Contacts		0G01
23	FCN775	B	ST		O	.500	PBT		9,15,25,37 Contacts		0G01
24	FCN777	B	ST		O	.500	PBT		9,15,25,37 Contacts		0G01
25	FCN775	A	90	Othr		.500	PBT		Force 353oz INS, 9,15,25,37 Contacts		0G01
26	FCN775	D	ST	Othr		.500	PBT		Force 353oz INS, 9,15,25,37 Contacts		0G01
27	FCN777	B	ST	Fing		.500			Force 353oz INS 26.47oz SEP, 9,15,25,37 Contact		0G01
28	G SERIES	C	ST	Fing		1.00	PLYR		9,15,25,37 Contacts,Available With Float Mount Bushings	GEC01	0G01
29	G SERIES	G	90	Opt		1.00	PLYR		9,15,25,37 Contacts,Available With or Without Mounting Bracket	GEC01	0G01
30	GM SERIES	B	ST			1.00	DAP		9,15,25,37 Contacts,See Order Key For Mounting Options,Coax or HV Option	GEC02	0G01
31	GM SERIES	D	90			1.00	DAP		9,15,25,37 Contacts,See Order Key For Mounting Options,Coax or HV Option	GEC02	0G01
32	H2R SERIES	A	ST	Othr		1.00	PLYR		9,15,25,37 Contacts, All Plastic	HEC03	0G01
33	H2R SERIES	B	90	Othr		1.00	PLYR		9,15,25,37 Contacts, All Plastic	HEC03	0G01
34	H3R		90	Othr		1.00	PLYR		9,15,25,37 Contacts, All Plastic	HEC03	0G01
35	H4R SERIES	A	ST	Othr	X	1.00	PLYR		9,15,25,37 Contacts, Metal Shell	HEC03	0G01
36	H4R SERIES	B	90	Othr	X	1.00	PLYR		9,15,25,37 Contacts, Metal Shell	HEC03	0G01
37	H5R		90	Othr	X	1.00	PLYR		9,15,25,37 Contacts, Metal Shell	HEC03	0G01
38	FDE-S		ST	Fing	X	.650	PLYR	Y	9,15,25,37 Contacts	HRS05	0G01
39	RDAB-S		ST	Fing		1.00	PLYR	Y	9,15,25,37 Contacts	HRS06	0G01
40	RDEB-S		ST	Fing		1.00	PLYR	Y	9,15,25,37 Contacts		
41	RDED		ST	Stnd	X	1.00	PBT	Y	9,15,25,37 Contacts,Standard/No Insert		
42	RDED-LN		ST	Stnd	X	1.00	PBT	Y	9,15,25,37 Contacts,Euro-Type Insert		
43	RDED-LNA		ST	Stnd	X	1.00	PBT	Y	9,15,25,37 Contacts,RS-232 Insert		
44	SDEB-9S		ST	Fing	X	1.00	PBT	Y	9,15,25,37 Contacts		0G01
45	4600 SERIES	B			X	1.00	PLYR			HTC5	0G01
46	WKD-R		ST	Fing			PLYR	Y	9,15,25,37 Contacts	JAWC02	0G01
47	WKD-RSG		ST	Fing			PLYR	Y	9,15,25,37 Contacts	JAWC01	0R22v
48	WKD-SG		ST	Fing			PLYR	Y	9,15,25,37 Contacts	JAWC01	0R22u
49	D SERIES	I	ST	Brkt			PBT	Y	9,15,25,37 Contacts	JHIC01	0G01
50	D SERIES	J	ST	Brkt			PBT	Y	9,15,25,37 Contacts	JHIC01	0R41c
51	D SERIES	L	ST	Brkt			PBT	Y	9,15,25,37 Contacts	JHIC02	0R41d
52	MINIATURE D	E	ST	Fing		1.25	PLCB		9,15,25,37 Contact,125V VDE0110 Grp B Voltage Rating		0G01
53	MINIATURE D	F	90	Opt		1.25	PLCB		9,15,25,37 Contact,125V VDE0110 Grp B Voltage Rating,Mounting Bracket Op		0G01
54	DMR-L-37S		90	Brkt		1.00	PBT		Zn or Sn Plated Steel Shell		0G01
55	DMR-37S		90	Brkt		1.00	PBT		Zn or Sn Plated Steel Shell		0G01
56	DMS-37S			Brkt		1.00	PBT		Zn or Sn Plated Steel Shell, .125,.170,.250in Tail Length		0G01
57	DCJ	B			X	.500	OPT		See Mfr Number Key for Options	MBC1	0R22s
58	DCT	B			X	.500	OPT		See Mfr Number Key for Options	MBC1	0R22s
59	ISSD37S					1.00	THPL		See Mfr Number Key for Options	MBC3	
60	MFDC37S					.300	THPL		See Mfr Number Key for Options	MBC2	0R22s
61	RASD37S		90			1.00	THPL		See Mfr Number Key for Options	MBC3	0G01
62	STD37S					1.00	THPL		See Mfr Number Key for Options	MBC3	
63	82008		90	Fing		1.50	PLYR		9,15,19,37 Contacts,Force 12oz INS/0.75oz SEP		0R44t
64	82009		90	Fing	X	1.50	PLYR	Y	9,15,19,37 Contacts,Force 12oz INS/0.75oz SEP,With Metal Shell		0R44t
65	DS9S		ST	Fing		.800	OPT	Y	Ins. 6oz, Sep. .5oz, 9,15,21,25,31,37 Contacts	MNE01	0R41e
66	DP SERIES	E	ST	Fing		1.00	DAP	Y	9,15,25,37 Cntcts,NFC,CNET,MUAHAG,GAM T1 Apprvd,PWR & Coax Cntcts Avail.	NTS04	0G01
67	DP SERIES	F	90	Fing		1.00	DAP	Y	9,15,25,37 Cntcts,NFC,CNET,MUAHAG,GAM T1 Apprvd,PWR & Coax Cntcts Avail.	NTS04	0G01
68	N SERIES	E	ST	Fing		1.00	THPL	Y	9,15,25,37 Contacts,Screw Machine Contacts Available	NTS01	0G01
69	N SERIES	F	90	Fing		1.00	THPL	Y	9,15,25,37 Contacts,Screw Machine Contacts Available	NTS01	0G01
70	P SERIES	E	ST	Fing		1.00	PLYR	Y	9,15,25,37 Contacts,NFC 93425 & CNET-LNZ-4404 Approved	NTS02	0G01
71	P SERIES	F	90	Fing		1.00	PLYR	Y	9,15,25,37 Contacts,NFC 93425 & CNET-LNZ-4404 Approved	NTS02	0G01
72	SN SERIES	C	ST	Fing		1.00	THPL	Y	9,15,25,37 Contacts,Rear Release Crimp Contacts Available See Order Key	NTS03	0G01
73	100 SERIES	B	90	Fing		1.00	THPL	Y	9,15,25,37 Contact,Dual Port Connector	NTS05	120G1a
74	101 SERIES	B	90	Fing		1.00	THPL	Y	9,15,25,37 Contact,Dual Port Connector	NTS05	120G1b
75	102 SERIES	B	90	Fing		1.00	THPL	Y	9,15,25,37 Contact,Dual Port Connector	NTS05	120G1c
76	200 SERIES	B	90	Fing		1.00	PLYR	Y	9,15,19,25,37 Contact,One Piece Insulator 19 Cntcs=.319in Footprint Only	NTS06	0G01
77	ED SERIES	B	ST	Othr		1.00	THPL		9,15,25,37 Contacts, Avail W/Mult Mtg Brackets, See Mfr Number Key	PST03	0G01
78	ED SERIES	D	90	Othr		1.00	THPL		9,15,25,37 Contacts, Avail W/Mult Mtg Brackets, See Mfr Number Key	PST03	0G01
79	ED SERIES	J	ST	Othr		1.00	THPL		9,15,25,37 Contacts, Avail W/Mult Mtg Brackets, See Mfr Number Key	PST03	0G01
80	ED SERIES	L	90	Othr		1.00	THPL		9,15,25,37 Contacts, Avail W/Mult Mtg Brackets, See Mfr Number Key	PST03	0G01
81	FD SERIES	B	ST	Othr		.200	DAP		9,15,25,37 Contacts, See Mfr Number Key for Mounting Styles	PST09	0G01
82	FD SERIES	D	90	Othr		.200	DAP		9,15,25,37 Contacts, See Mfr Number Key for Mounting Styles	PST09	0G01
83	HDC SERIES	B	ST	Othr		1.00	DAP		9,15,25,37 Contacts, See Mfr Number Key for Mounting Styles	PST07	0G01
84	HDC SERIES	D	90	Othr		1.00	DAP		9,15,25,37 Contacts, See Mfr Number Key for Mounting Styles	PST07	0G01
85	MD SERIES	B	ST	Thru		1.00	THPL		9,15,25,37 Contacts, Avail W/Mult Mtg Brackets, See Mfr Number Key	PST01	0G01
86	MD SERIES	D	90	Brkt		1.00	THPL		9,15,25,37 Contacts, Avail W/Mult Mtg Brackets, See Mfr Number Key	PST01	0G01
87	PD SERIES	B	ST	Othr		1.00	THPL		9,15,25,37 Contacts, See Mfr Number Key for Mounting Styles	PST06	0G01
88	SD SERIES	B	ST	Thru	X	1.00	NYL		9,15,25,37 Removable Contacts, Rear Release	PST05	0G01

SOCKETS, D-TYPE PRODUCT SELECTION

Line No.	D.A.T.A. Mfr. Code	Type Identification	Variation	Approvals							Contact					Contact Termination																													
				CSA	IEC	MIL	UL	VG	VDE	Other	Number (Range)	Option	Type	Entry	Resistance (mOhm)	Current (Amp)	Material	Plating	Angle	Crimp	Cup	IDC	Loop	Post	Press Fit	Screw	Quick	Spring	Surface	Turret	Wrap	Other													
2 ROWS (Cont'd)																																													
1	RNI	DPM		•								9-37		Socket				PBrz	O	90																									
2	RNI	DPP		•								9-37		Socket				PBrz	O	90																									
3	RSCB	467-87										9-37		Socket				Cu	Au	90																									
4	RSCB	468-85										9-37		Socket		4.0	5.0	Cu	Au	ST																									
5	RSCB	472-14										9-37		Pin			1.0	PBrz	Au	ST																									
6	RSCB	472-15										9-37		Socket			1.0	PBrz	Au	ST																									
7	SOU	D-SERIES	F									25&37		Socket		10	5.0	Cu	Au	ST																									
8	SOU	D-SERIES	H									25&37		Socket		10	5.0	Cu	Au	90																									
9	SOU	DB-SERIES	G									25&37		Socket		10	5.0	Cu	Au	90																									
10	SOU	DB-SERIES	H									25&37		Socket		10	5.0	Cu	Au	90																									
11	SOU	DJ-SUB	D									25&37		Socket		7.0	5.0	Cu	Au	ST																									
12	SOU	DJP-SUB	F									25&37		Socket		7.0	5.0	Cu	Au	ST																									
13	SOU	DJP-SUB	H									25&37		Socket		7.0	5.0	Cu	Au	90																									
14	SOU	DM-SERIES	A									25&37		Socket		7.0	7.0	Cu	Au	90																									
15	SOU	DM-SERIES	F									25&37		Socket		7.0	7.0	Cu	Au	ST																									
16	SOU	DP-SERIES	G									25&37		Socket		10	5.0	Cu	Au	ST																									
17	SOU	DTP-SERIES	F									25&37		Socket		10	5.0	Cu	Au	ST																									
18	SOU	DTP-SERIES	H									25&37		Socket		10	5.0	Cu	Au	90																									
19	SOU	DTP-SUB	F									25&37		Socket		7.0	5.0	Cu	Au	ST																									
20	SOU	DTP-SUB	F									25&37		Socket		7.0	5.0	Cu	Au	90																									
21	SOU	FD-SERIES	H									25&37		Socket		10	5.0	Cu	Au	ST																									
22	SOU	FD-SERIES	M									25&37		Socket		10	5.0	Cu	M	ST																									
23	SOU	FDRA	N									25&37		Socket		10	5.0	Cu	M	90																									
24	SOU	FDRA	O									25&37		Socket		10	5.0	Cu	M	90																									
25	SOU	FDRA	P									25&37		Socket		10	5.0	Cu	M	90																									
26	SOU	FDRA	B									25&37		Socket		10	5.0	Cu	M	90																									
27	SOU	8RAFD										9-37		Socket		10	5.0	CDA	Au	90																									
28	SPM	703-001										9-37		Socket		10	5.0	Cu	Au	ST																									
29	SPM	703-002										9-37		Socket		10	5.0	Cu	Au	ST																									
30	SPM	703-003										9-37		Socket		10	5.0	Cu	Au	ST																									
31	SPM	703-004										9-37		Socket		10	5.0	Cu	Au	ST																									
32	SPM	703-005										9-37		Socket		10	5.0	Cu	Au	ST																									
33	SPM	703-022										9-37		Socket		10	5.0	Cu	Au	ST																									
34	SPM	703-024										9-37		Socket		10	5.0	Cu	Au	ST																									
35	SPM	703-036										9-37		Socket		10	5.0	Cu	Au	ST																									
36	SPM	704-001										9-37		Socket		10	5.0	Cu	Au	90																									
37	SPM	704-002										9-37		Socket		10	5.0	Cu	Au	90																									
38	SPM	704-003										9-37		Socket		10	5.0	Cu	Au	90																									
39	SPM	704-004										9-37		Socket		10	5.0	Cu	Au	90																									
40	SPM	704-005										9-37		Socket		10	5.0	Cu	Au	90																									
41	SPM	704-007										9-37		Socket		10	5.0	Cu	Au	90																									
42	SPM	704-008										9-37		Socket		10	5.0	Cu	Au	90																									
43	SPM	704-009										9-37		Socket		10	5.0	Cu	Au	90																									
44	SPM	704-018										9-37		Socket		10	5.0	Cu	Au	90																									
45	SUL	DZF										9-37		Socket		10	5.0	PBrz	Au	90																									
46	TRWN	DE-9S										9-37		Socket			5.0	Cu	Au</																										

SOCKETS, D-TYPE PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type	EMI	DWV (KV)	Material				
2 ROWS (Cont'd)											
1	DPM		90	Fing			PLYR	Y	Force 18oz INS, 1.5oz SEP per Contact, 9,15,25,37 Contacts, See Mfr Key	RNI01	107R1
2	DPP		90	Fing			PLYR	Y	Force 18oz INS, 1.5oz SEP per Contact, 9,15,25,37 Contacts, See Mfr Key	RNI01	107R1
3	467-87			Fing		2.50	PLYR	Y	9,15,25,37 Contacts		
4	468-85			Fing		2.50	PLYR	Y	9,15,25,37 Contacts		
5	472-14			Fing			PLYR	Y	9,15,25,37 Contacts		
6	472-15			Fing			PLYR	Y	9,15,25,37 Contacts		
7	D-SERIES	F				1.00	THPL		Two-Piece UL Rated 94V-0 Thermoplastic Insulator, 2 and 3 Level Wirewrap	SOU01	0G01
8	D-SERIES	H				1.00	THPL		Twp-Piece UL Rated 94V-0 Thermoplastic Insulator	SOU01	0G01
9	DB-SERIES	G				1.00	THPL		Two Piece Bonded Thermoplastic Insulator, Qualified to MIL-C-24308	SOU01	0G01
10	DB-SERIES	H				1.00	THPL		Two Piece Bonded Thermoplastic Insulator, Qualified to MIL-C-24308	SOU01	0G01
11	DJ-SUB	D				.300	THST		Based on Standard Specs MIL-C24308, NFC93425, and BS9523-N-001	SOU05	0G01
12	DJP-SUB	F				.500	OPT		Insulators: Thermo-set or Polyester	SOU07	66R11
13	DJP-SUB	H				.500	OPT		Insulators: Thermo-set or Polyester	SOU07	66R11
14	DM-SERIES	A				1.00	THST		Conforms to BS9523-N-001 and is Approved to MIL-C-24308B and NFC93425	SOU03	0G01
15	DM-SERIES	F				1.00	THST		Conforms to BS9523-N-001 and is Approved to MIL-C-24308B and NFC93425	SOU03	0G01
16	DP-SERIES	G				1.00	THPL		Non-Removable Machined Contacts	SOU01	0G01
17	DTP-SERIES	F				.500	THPL		Capacitive and Pi Filtered, See Mfr Number Key	SOU02	66R6
18	DTP-SERIES	H				.500	THPL		Capacitive and Pi Filtered, See Mfr Number Key	SOU02	66R6
19	DTP-SUB	F				.500	PLYR		Based on Standard Specs MIL-C24308, NFC93425, and BS9523-N-001	SOU06	0G01
20	DTP-SUB	H				.500	PLYR		Based on Standard Specs MIL-C24308, NFC93425, and BS9523-N-001	SOU06	0G01
21	FD-SERIES	F				1.00	THPL		Two-Piece UL Rated 94V-0 Thermoplastic Insulator	SOU01	0G01
22	FD-SERIES	H				1.00	THPL		Two-Piece UL Rated 94V-0 Thermoplastic Insulator, Gold/Tin Plating	SOU01	0G01
23	FDRA	M				1.00	THPL		UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	66R2a
24	FDRA	N				1.00	THPL		UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	66R2b
25	FDRA	O				1.00	THPL		UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	66R2c
26	FDRA	P				1.00	THPL		UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	66R2d
27	8RAFD	B				1.00	THPL		Glass Reinforced Thermoplastic, UL Rated 94V-0 Nonflammable	SOU01	66R3
28	703-001		ST	Fing	X	.300		Y	9,15,25,37 Contacts, 310pf/17MHz, Consult Mfr. for Number Key		0G01
29	703-002		ST	Fing	X	.600		Y	9,15,25,37 Contacts, 1000pf, 3.2MHz, Consult Mfr. for Number Key		0G01
30	703-003		ST	Fing	X	.300		Y	9,15,25,37 Contacts, 1000pf, 3.2MHz, Consult Mfr. for Number Key		0G01
31	703-004		ST	Fing	X	1.00		Y	9,15,25,37 Contacts, 5000pf, 6.4MHz, Consult Mfr. for Number Key		0G01
32	703-005		ST	Fing	X	1.00		Y	9,15,25,37 Contacts, 4000pf, 8MHz, Consult Mfr. for Number Key		0G01
33	703-022		ST	Fing	X	.600		Y	9,15,25,37 Contacts, 830pf, 6.4MHz, Consult Mfr. for Number Key		0G01
34	703-024		ST	Fing	X	1.00		Y	9,15,25,37 Contacts, 2500pf, 1.3MHz, Consult Mfr. for Number Key		0G01
35	703-036		ST	Fing	X	.600		Y	9,15,25,37 Contacts, 375pf, 14MHz, Consult Mfr. for Number Key		0G01
36	704-001		ST	Fing	X	.300		Y	9,15,25,37 Contacts, 310pf, 17MHz, Consult Mfr. for Number Key		0G01
37	704-002		ST	Fing	X	.600		Y	9,15,25,37 Contacts, 1000pf, 3.2MHz, Consult Mfr. for Number Key		0G01
38	704-003		ST	Fing	X	.300		Y	9,15,25,37 Contacts, 1000pf, 3.2MHz, Consult Mfr. for Number Key		0G01
39	704-004		ST	Fing	X	1.00		Y	9,15,25,37 Contacts, 5000pf, 6.4MHz, Consult Mfr. for Number Key		0G01
40	704-005		ST	Fing	X	1.00		Y	9,15,25,37 Contacts, 4000pf, 8MHz, Consult Mfr. for Number Key		0G01
41	704-007		ST	Fing	X	.600		Y	9,15,25,37 Contacts, 830pf, 6.4MHz, Consult Mfr. for Number Key		0G01
42	704-008		ST	Fing	X	.300		Y	9,15,25,37 Contacts, 100pf, 32MHz, Consult Mfr. for Number Key		0G01
43	704-009		ST	Fing	X	1.00		Y	9,15,25,37 Contacts, 2500pf, 1.3MHz, Consult Mfr. for Number Key		0G01
44	704-018		ST	Fing	X	.600		Y	9,15,25,37 Contacts, 375pf, 14MHz, Consult Mfr. for Number Key		0G01
45	DZF		90	Brkt		1.00	PBT	Y	9,15,25,37 Contacts, Std Footprint, All Plastic	SUL02	0G01
46	DE-9S		ST	Fing	X	1.00	NYL	Y	9,15,25,37 Contacts		0G01
47	DEL-9S		ST	Fing	X	1.00	PLYM	Y	9,15,25,37 Contacts		24R5
48	TE-9S	A	ST	Fing		1.00	PLYR	Y	9,15,25,37 Contacts		24R2
49	TE-9S	B	ST	Fing		1.00	PLYR	Y	9,15,25,37 Contacts		0G01
50	IDC-D	B			X		PLYR	Y	9,15,25,37 Contacts		55R4
51	IDCL-D	B			X		PLYR	Y	9,15,25,37 Contacts, Pre-assembled Body and Cover, Strain Relief Include		0G01
52	ORIGINAL-D	B			X		PLYR	Y	9,15,25,37 Contacts, Steel Cadmium, Zinc or Bright Tin Plating	TXT01	0G01
53	PLASTIC-D	B	90		X		PLYR	Y	9,15,25,37 Contacts, All Plastic or With Metal Front Shell	TXT03	0G01
54	RIGHT ANGLE-D	B	90		X		PLYR	Y	9,15,25,37 Contacts, Steel Cadmium, Zinc or Bright Tin Plating	TXT02	0G01
55	AEDE09S		ST	Fing	X	.500	NYL	Y	Ins. 2oz. per Contact, 9,15,25,37 Contacts	VER01	0G01
56	AEDE09SC		ST	Fing	X	.500	NYL	Y	Ins. 2oz. per Contact, 9,15,25,37 Contacts	VER01	85R8
57	BDE09S		ST	Fing	X	.500	PLYR	Y	Ins. 2oz. per Contact, 9,15,25,37 Contacts	VER01	0G01
58	BDE09SA		ST	Brkt		.500	PLYR	Y	Ins. 2oz. per Contact, 9,15,25,37 Contacts	VER01	0G01
59	BDE09SC		ST	Fing	X	.500	PLYR	Y	Ins. 2oz. per Contact, 9,15,25,37 Contacts	VER01	0G01
60	BDE09SF		ST	Brkt	X	.500	PLYR	Y	Ins. 2oz. per Contact, 9,15,25,37 Contacts	VER01	0G01
61	BEDE09S		ST	Fing	X	.500	PLYR	Y	Ins. 2oz. per Contact, 9,15,25,37 Contacts	VER01	0G01
62	BEDE09SA		ST	Brkt	X	.500	PLYR	Y	Ins. 2oz. per Contact, 9,15,25,37 Contacts	VER01	0G01
63	BEDE09SC		ST	Fing	X	.500	PLYR	Y	Ins. 2oz. per Contact, 9,15,25,37 Contacts	VER01	0G01
64	BEDE09SF		ST	Brkt	X	.500	PLYR	Y	Ins. 2oz. per Contact, 9,15,25,37 Contacts	VER01	0G01
65	SEDE09S		ST	Fing	X	.500	NYL	Y	Ins. 2oz. per Contact, Sep. .7oz. per Contact, 9,15,25,37 Contacts	VER01	85R9
66	TEDE09S		ST	Fing	X	.500	PLYR	Y	9,15,25,37 Contacts, RS-232 Mating, Bulkhead Mounting, Slide-Lock Assembly	VER01	85R10
67	DMR		ST	Othr		1.00	PBT	Y	Ins. 18oz., Sep. .7oz., 9,15,25,37 Contacts	VKC13	0G01
68	DSR		ST	Fing		1.00	PBT	Y	Ins. 10oz., Sep. .7oz., 9,15,25,37 Contacts	VKC12	0G01
69	420	A	90	Thru				Y	9,15,25,37 Contacts, See Mfr Number Key for Options	WCC03	0G01
70	421		90	Thru				Y	9,15,25,37 Contact, See Mfr Number Key for Options	WCC04	0G01
71	423		90	Thru				Y	9,15,25,37 Contact, See Mfr Number Key for Options	WCC05	0G01
72	147-11S		ST	Fing	X		PBT	Y	Contact Plating Au or Sn, 9,15,25,37 Contacts	WCH10	0G01
73	149-11S		ST	Fing	X		PBT	Y	Contact Plating Au or Sn, 9,15,25,37 Contacts	WCH09	0G01
74	165-11S		ST	Fing			PBT	Y	Contact Plating Au or Sn, 9,15,25,37 Contacts	WCH11	14R20
75	167-11S		ST	Fing	X		PBT	Y	Contact Plating Au or Sn, 9,15,25,37 Contacts	WCH12	14R21
76	189-11S		ST	Fing	X		PBT	Y	Contact Plating Au or Sn, 9,15,25,37 Contacts	WCH20	0G01
77	247-13S		ST	Thru		1.00	PBT	Y	9,15,25,37 Contacts	WCH36	0G01
78	47-11S		ST	Fing			PBT	Y	Contact Plating Au or Sn, 9,15,25,37 Contacts	WCH10	0G01
79	49-11S		ST	Fing			PBT	Y	Contact Plating Au or Sn, 9,15,25,37 Contacts	WCH09	0G01
80	89-11S		ST	Fing			PBT	Y	Contact Plating Au or Sn, 9,15,25,37 Contacts	WCH10	0G01
81	CDF50	B	ST	Fing			PLYR	Y	"Std", Ins., Sep. 7.2oz., Float Mount Available		0G01
82	745335(HDP-20)		90	Othr			THPL	Y	Mounting With Threaded Insert/Fixed Female Screwlock		0G01
83	A-DF9L	A	ST	Fing		.500	PLYM	Y	9,15,25,37,50 Contacts		0G01
84	A-DF9L	B	ST	Fing		.500	PLYM	Y	9,15,25,37,50 Contacts		0G01
85	A-DF9LS	A	ST	Fing		.500	PLYM	Y	9,15,25,37,50 Contacts		0G01
86	A-DF9LS	B	ST	Fing		.500	PLYM	Y	9,15,25,37,50 Contacts		0G01
87	ADF9A	A	90	Brkt		1.00		Y	9,15,25,37,50 Contacts, Screwed or Rivetted Plastic Platten		79R6
88	ADF9A	B	90	Fing		1.00		Y	9,15,25,37,50 Contacts, Screwed Plastic or Metal Fing, Rivetted Metal Fing		79R6

SOCKETS, D-TYPE PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		EMI	Insulator		Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type		DWV (KV)	Material				
2 ROWS (Cont'd)											
1	DD-50S	B	ST						Force 1-12oz per Contact, 9,15,25,37,50 Contacts 9,15,25,37,50 Contacts, D-Subminiature Series	CTE01 EBY16	0G01 0G01 0G01
2	11.29				X	1.00	PBT	Y			
3	IF SERIES	B		Brkt		.500	PLYR				
4	TP8500F						PLCB		9,15,25,37,50 Contacts, Sn or Au Plating	EMSB07	0G01 0G01
5	13	B	ST	Fing			THPL				
6	TMC	C	ST	Fing							
7	TMC	D	90	Fing					9,15,25,37,50 Contacts, Sn or Au Plating 20,26,36,50 Contacts 9,15,25,37,50 Contacts, See Mfr Number Key for Options	LEOC01	120R12 56R2
8	DN10		90	Fing	X	.100	PBT	Y			
9	DB	A	ST	Stnd			PBT	Y			
10	DB	B	90	Stnd			PBT	Y	9,15,25,37,50 Contacts, See Mfr Number Key for Options	LEOC01	56R2
11	SCD-9S			Fing		1.00	NYL	Y			
12	SCD-9SR			Fing		1.00	NYL	Y			
13	SCD-9SRL			Fing		1.00	NYL	Y	9,15,19,25,37,50 Contacts 9,15,19,25,37,50 Contacts	SCEC01 SCEC02	9R1 0G01
14	SM-9F			Fing	X	1.00	PBT	Y			
15	SM-9RF			Fing	X	1.00	PBT	Y			
16	266-11R		ST	Fing			PBT	Y	24,36,50 Contacts 24,36,50 Contacts 9,11,15,21,25,31,37,51 Contacts	WCH23	0G01 0G01 20R19
17	266-12R		ST	Fing			PBT	Y			
18	J9S		ST	Fing		2.00					
19	MCE15S		ST	Inst	X		PLYR	Y	9,15,21,25,31,37,51 Contacts,51=3Rows 9,15,21,25,31,37,51 Contacts,15,21,25=3Rows,31,37=4Rows,51=5Rows 9,15,21,25,31,37,51 Contacts,51=3Rows	MNE06 MNE08 MNE07	87R3 87R4 87R3
20	MCE25S		ST	Inst	X		PLYR	Y			
21	MES15S		ST	Inst			PLYR	Y			
22	MES25S		ST	Inst			PLYR	Y	9,15,21,25,31,37,51 Contacts,15,21,25=3Rows,31,37=4Rows,51=5Rows Ins. 6oz.,Sep. .5oz.,9,15,21,25,31,37,51,100 Contacts,51=3Rows,100=4Rows Ins. 6oz.,Sep. .5oz.,9,15,21,25,31,37,51,100 Contacts,52=3Rows,100=4Rows	MNE09 MNE02 MNE03	87R4 87R1 87R1
23	MC9S		ST	Fing	X	.800	PLYR	Y			
24	ME9S		ST	Fing		.800	OPT	Y			
3 ROWS											
25	DP-SERIES	H				1.00	THPL		Non-Removable Machined Contacts Rigid and Float Mount Rigid and Float Mount	SOU01 AAP16 AAP16	66R14 0G01 0G01
26	117-D	G			X	.300	DAP				
27	117-D	H			X	.300	DAP				
28	117D	G		Brkt		.300	THPL		Rigid and Float Mount Rigid and Float Mount Rigid and Float Mount	AAP13 AAP13 AAP15	0G01 0G01 0G01
29	117D	H		Brkt		.300	THPL				
30	117D	O			X	.300	DAP				
31	117D	P			X	.300	DAP		Rigid and Float Mount Rigid and Float Mount Rigid and Float Mount	AAP15 AAP13 AAP13	0G01 0G01 0G01
32	117DF	G			X	.300	PBT				
33	117DF	H			X	.300	PBT				
34	17 SERIES	G			X	.500	NYL		Metal Shell Metal Shell Sn or Zn Plated Steel Shell	AAP14 AAP14	0G01 0G01 0G01
35	17 SERIES	H			X	.500	NYL				
36	HS-027**	C	ST	Fing		1.00	PBT	Y			
37	CDF50	A	ST	Fing			PLYR	Y	"Std", Ins., Sep. 7.2oz., Float Mount Available "Std", Ins., Sep. 12oz., M-D Series, Mounting, Plating, Grounding Options Avail Posted Socket Contacts		0G01 0G01 0R43b
38	11.29	J	ST	Fing		1.00	NYL	Y			
39	HDM-20	D	90	Fing			PET	Y			
40	206973(HDP-20)		ST	Fing			THPL	Y	Mounting With Threaded Inserts/Fixed Female Screwlocks/Standard Holes Mounting With Threaded Insert/Fixed Female Screwlock Sn or Zn Plated Shell		0G01 0G01 0R43c
41	207669(HDP-20)		90	Othr			THPL	Y			
42	745116(HDP-20)		90	Fing	X		NYL	Y			
43	745338(HDP-20)		ST	Othr			THPL	Y	Mounting With Threaded Insert/Fixed Female Screwlock fc=2MHz,Capacitance/1KHz-3000pf Min.,RF Current 300mA fc=2MHz,Capacitance/1KHz-3000pf Min.,RF Current 300mA		0G01 0G01 0G01
44	841214(50 Series)		ST	Fing		.250		Y			
45	841224(50 Series)		ST	Fing		.250		Y			
46	841269(60 Series)		ST	Fing		.250		Y	fc=150MHz,Capacitance/1KHz-175pf Max.,RF Current 300mA fc=150MHz,Capacitance/1KHz-175pf Max.,RF Current 300mA fc=50MHz,Capacitance/1KHz-400pf Max.,RF Current 300mA		0G01 0G01 0G01
47	841279(60 Series)		ST	Fing		.250		Y			
48	841324(70 Series)		ST	Fing		.250		Y			
49	841334(70 Series)		ST	Fing		.250		Y	fc=50MHz,Capacitance/1KHz-400pf Max.,RF Current 300mA fc=30MHz,Capacitance/1KHz-600pf Max.,RF Current 300mA fc=30MHz,Capacitance/1KHz-600pf Max.,RF Current 300mA		0G01 0G01 0G01
50	842526(90 Series)		ST	Fing		.250		Y			
51	842531(90 Series)		ST	Fing		.250		Y			
52	842561(100 Series)		ST	Fing		.250		Y	fc=20MHz,Capacitance/1KHz-1000pf Max.,RF Current 300mA fc=20MHz,Capacitance/1KHz-1000pf Max.,RF Current 300mA fc=5MHz,Capacitance/1KHz-1000pf Min.,RF Current 300mA		0G01 0G01 0G01
53	842566(100 Series)		ST	Fing		.250		Y			
54	859709(20 Series)		ST	Fing		.250		Y			
55	859719(20 Series)		ST	Fing		.250		Y	fc=5MHz,Capacitance/1KHz-1000pf Min.,RF Current 300mA fc=3MHz,Capacitance/1KHz-2000pf Min.,RF Current 300mA fc=3MHz,Capacitance/1KHz-2000pf Min.,RF Current 300mA		0G01 0G01 0G01
56	859744(30 Series)		ST	Fing		.250		Y			
57	859754(30 Series)		ST	Fing		.250		Y			
58	SERIES 303	G	ST	Fing		.500	PLYR	Y	Screw Machined Contacts Screw Machined Contacts, Right Angle Offset=.370in. Right Angle Offset=.283in.	API03 API03 API03	0G01 0G01 0G01
59	SERIES 303	H	ST	Fing		.500	PLYR	Y			
60	SERIES 331	D	90	Brkt		.500	PLYR				
61	BERGUN-D	D	ST	Fing	O	1.00	THPL	Y	Rigid and Float Mounts Rigid or Float Mount Rigid or Float Mount	CAN06 CAN12 CAN10	0G01 0G01 0G01
62	D*D	D	ST	Fing		1.25	DAP				
63	D*M	F	ST	Fing		1.25	DAP				
64	D*M	H	90	Fing		1.25	DAP		Rigid or Float Mount With Screwlocks or Threaded Inserts With Screwlocks or Threaded Inserts	CAN10 CAN08 CAN09	0G01 0G01 0G01
65	D*P	D	90	Fing		.600	THPL				
66	D*PF	B	90	Fing		.600	THPL				
67	D*PF	D	ST	Fing		.600	THPL		With Screwlocks or Threaded Inserts Rigid or Float Mount Rigid and Float Mounts	CAN09 CAN11 CAN05	0G01 0G01 0G01
68	GD	B	ST	Fing		1.00	DAP				
69	ORIGINAL D	D	ST	Fing		1.25	PLYM	Y			
70	ORIGINAL D	F	90	Fing		1.25	PLYM	Y	Rigid and Float Mounts Force 2-12oz INS/SEP, 50 Contacts, See Mfr Number Key for Options Force 2-12oz INS/SEP, 50 Contacts, See Mfr Number Key for Options	CAN05 COMC03 COMC03	0G01 0G01 0G01
71	DELTA D	G		Othr		1.00	PBT	Y			
72	DELTA D	H		Othr		1.00	PBT	Y			
73	DELTA D	I				1.00	PBT		Force 2-12oz INS/SEP, 50 Contacts, See Mfr Number Key for Options Cd or Zn Plated Metal Shell Cd or Zn Plated Metal Shell	COMC03 EBY02 EBY01	0G01 0G01 0G01
74	MISER-D	D				1.00	THPL				
75	ORIGINAL-D	F				1.00	THPL				
76	ORIGINAL-D	H				1.00	THPL		Cd or Zn Plated Metal Shell Available With Float Mount Bushings Available With or Without Mounting Bracket	EBY01 GECO1 GECO1	0G01 0G01 0G01
77	G SERIES	D	ST	Fing		1.00	PLYR				
78	G SERIES	H	90	Opt		1.00	PLYR				
79	GM SERIES	F	ST			1.00	DAP		See Order Key For Mounting Options,Coax or HV Option See Order Key For Mounting Options,Coax or HV Option	GECO2 GECO2 JHIC02	0G01 0G01 0R42d
80	GM SERIES	H	90			1.00	DAP				
81	D SERIES	B	ST	Brkt			PBT	Y			
82	D SERIES	E	ST	Brkt			PBT	Y	125V VDE0110 Grp B Voltage Rating 125V VDE0110 Grp B Voltage Rating,Mounting Bracket Optional	JHIC01 JHIC01	0R43e 0R42c 0G01
83	D SERIES	F	ST	Brkt			PBT	Y			
84	MINIATURE D	G	ST	Fing		1.25	PLCB				
85	MINIATURE D	H	90	Opt		1.25	PLCB				0G01

SOCKETS, D-TYPE PRODUCT SELECTION

Line No.	Type Identification	Mounting			Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Variation	Angle	Type	EMI	DWV (KV)	Material				
3 ROWS (Cont'd)											
1	DDJ	B			X	.500	OPT		See Mfr Number Key for Options	MBC1	0R22t
2	DDT	B			X	.500	OPT		See Mfr Number Key for Options	MBC1	0R22t
3	ISSD50S					1.00	THPL		See Mfr Number Key for Options	MBC3	
4	MFDD50S					.300	THPL		See Mfr Number Key for Options	MBC2	0R22t
5	RASD50S		90			1.00	THPL		See Mfr Number Key for Options	MBC3	
6	STSD50S					1.00	THPL		See Mfr Number Key for Options	MBC3	
7	DP SERIES	G	ST	Fing		1.00	DAP	Y	NFC,CNET,MUAHAG,GAM T1 Approved,Power And Coax Available	NTS04	0G01
8	DP SERIES	H	90	Fing		1.00	DAP	Y	NFC,CNET,MUAHAG,GAM T1 Approved,Power And Coax Available	NTS04	0G01
9	N SERIES	G	ST	Fing		1.00	THPL	Y	Screw Machine Contacts Available	NTS01	0G01
10	N SERIES	H	90	Fing		1.00	THPL	Y	Screw Machine Contacts Available	NTS01	0G01
11	P SERIES	G	ST	Fing		1.00	PLYR	Y	NFC 93425 & CNET-LNZ-4404 Approved	NTS02	0G01
12	P SERIES	H	90	Fing		1.00	PLYR	Y	NFC 93425 & CNET-LNZ-4404 Approved	NTS02	0G01
13	SN SERIES	D	ST	Fing		1.00	THPL	Y	Rear Release Crimp Contacts Available See Order Key	NTS03	0G01
14	ED SERIES	F	ST	Othr		1.00	THPL		Avail W/Mult Mounting Brackets, See Mfr Number Key	PST03	0G01
15	ED SERIES	H	90	Othr		1.00	THPL		Avail W/Mult Mounting Brackets, See Mfr Number Key	PST03	0G01
16	ED SERIES	N	ST	Othr		1.00	THPL		Avail W/Mult Mounting Brackets, See Mfr Number Key	PST03	0G01
17	ED SERIES	F	90	Othr		1.00	THPL		Avail W/Mult Mounting Brackets, See Mfr Number Key	PST03	0G01
18	FD SERIES	P	ST	Othr		.200	DAP		See Mfr Number Key for Mounting Styles	PST09	0G01
19	FD SERIES	H	90	Othr		.200	DAP		See Mfr Number Key for Mounting Styles	PST09	0G01
20	HDC SERIES	F	ST	Othr		1.00	DAP		See Mfr Number Key for Mounting Styles	PST07	0G01
21	HDC SERIES	H	90	Othr		1.00	DAP		See Mfr Number Key for Mounting Styles	PST07	0G01
22	MD SERIES	F	ST	Thru		1.00	THPL		Avail W/Mult Mounting Brackets, See Mfr Number Key	PST01	0G01
23	MD SERIES	H	90	Brkt		1.00	THPL		Avail W/Mult Mounting Brackets, See Mfr Number Key	PST01	0G01
24	PD SERIES	D	ST	Othr		1.00	THPL		See Mfr Number Key for Mounting Styles	PST06	0G01
25	SD SERIES	D	ST	Thru	X	1.00	NYL		Removable Contacts, Rear Release	PST05	0G01
26	D-SERIES	J				1.00	THPL		Two-Piece UL Rated 94V-0 Thermoplastic Insulator, 2 and 3 Level Wirewrap	SOU01	0G01
27	D-SERIES	K				1.00	THPL		Two-Piece UL Rated 94V-0 Thermoplastic Insulator	SOU01	0G01
28	DB-SERIES	K				1.00	THPL		Two Piece Bonded Thermoplastic Insulator, Qualified to MIL-C-24308	SOU01	0G01
29	DB-SERIES	L				1.00	THPL		Two Piece Bonded Thermoplastic Insulator, Qualified to MIL-C-24308	SOU01	0G01
30	DJ-SUB	F				.300	THST		Based on Standard Specs MIL-C24308, NFC93425, and BS9523-N-001	SOU05	0G01
31	DJP-SUB	J				.500	OPT		Insulators: Thermo-set or Polyester	SOU07	66R11
32	DJP-SUB	L				.500	PLYR		Insulators: Thermo-set or Polyester	SOU07	66R11
33	DM-SERIES	J				1.00	THST		Conforms to BS9523-N-001 and is Approved to MIL-C-24308B and NFC93425	SOU03	0G01
34	DM-SERIES	L				1.00	THST		Conforms to BS9523-N-001 and is Approved to MIL-C-24308B and NFC93425	SOU03	0G01
35	DP-SERIES	K				1.00	THPL		Non-Removable Machined Contacts	SOU01	0G01
36	DP-SERIES	L				1.00	THPL		Non-Removable Machined Contacts	SOU01	0G01
37	DTP-SERIES	J				.500	THPL		Capacitive and Pi Filtered, See Mfr Number Key	SOU02	66R6
38	DTP-SERIES	L				.500	THPL		Capacitive and Pi Filtered, See Mfr Number Key	SOU02	66R6
39	DTP-SUB	J				.500	PLYR		Based on Standard Specs MIL-C24308, NFC93425, and BS9523-N-001	SOU06	0G01
40	DTP-SUB	L				.500	PLYR		Based on Standard Specs MIL-C24308, NFC93425, and BS9523-N-001	SOU06	0G01
41	FD-SERIES	J				1.00	THPL		Two-Piece UL Rated 94V-0 Thermoplastic Insulator	SOU01	0G01
42	FD-SERIES	L				1.00	THPL		Two-Piece UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	0G01
43	FDRA	U				1.00	THPL		UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	66R2a
44	FDRA	V				1.00	THPL		UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	66R2b
45	FDRA	W				1.00	THPL		UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	66R2c
46	FDRA	X				1.00	THPL		Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	66R2d
47	743-001		ST	Fing	X	.300		Y	310pf,17MHz,Consult Mfr. for Number Key		0R42b
48	743-002		ST	Fing	X	.600		Y	1000pf,3.2MHz,Consult Mfr. for Number Key		0R42b
49	743-003		ST	Fing		.300		Y	1000PF,3.2MHz,Consult Mfr. for Number Key		0R42b
50	743-004		ST	Fing	X	1.00		Y	5000pf,.64MHz,Consult Mfr. for Number Key		0R42b
51	743-005		ST	Fing	X	.600		Y	4000pf,.8MHz,Consult Mfr. for Number Key		0R42b
52	743-021		ST	Fing	X	.600		Y	830pf,6.4MHz,Consult Mfr. for Number Key		0R42b
53	743-022		ST	Fing	X	.300		Y	100pf,32MHz,Consult Mfr. for Number Key		0R42b
54	743-023		ST	Fing	X	1.00		Y	2500pf,1.3MHz,Consult Mfr. for Number Key		0R42b
55	743-033		ST	Fing	X	.600		Y	830pf,6.4MHz,Consult Mfr. for Number Key		0R42b
56	744-001		ST	Fing	X	.300		Y	310pf,17MHz,Consult Mfr. for Number Key		0R43d
57	744-002		ST	Fing	X	.600		Y	1000pf,3.2MHz,Consult Mfr. for Number Key		0R43d
58	744-003		ST	Fing	X	.300		Y	1000pf,3.2MHz,Consult Mfr. for Number Key		0R43d
59	744-004		ST	Fing	X	1.00		Y	5000pf,.64MHz,Consult Mfr. for Number Key		0R43d
60	744-005		ST	Fing	X	1.00		Y	4000pf,.8MHz,Consult Mfr. for Number Key		0R43d
61	744-006		ST	Fing	X	.600		Y	830pf,6.4MHz,Consult Mfr. for Number Key		0R43d
62	744-007		ST	Fing	X	.300		Y	100pf,32MHz,Consult Mfr. for Number Key		0R43d
63	744-008		ST	Fing	X	1.00		Y	2500pf,1.3MHz,Consult Mfr. for Number Key		0R43d
64	744-009		ST	Fing	X	.600		Y	375pf,14MHz,Consult Mfr. for Number Key		0R43d
65	DE-50S		ST	Fing	X	1.00	NYL	Y			0G01
66	ORIGINAL-D	D					PLYR		Steel Cadmium, Zinc or Bright Tin Plating	TXT01	0G01
67	RIGHT ANGLE-D	D	90				PLYR		Steel Cadmium, Zinc or Bright Tin Plating	TXT02	0G01
68	AEDD50S		ST	Fing	X	.500	NYL	Y	Ins. 100oz. Max.	VER01	0G01
69	AEDD50SC		ST	Fing	X	.500	NYL	Y	Ins. 100oz. Max.	VER01	85R8
70	BDD50S		ST	Fing	X	.500	PLYR	Y	Ins. 100oz. Max.	VER01	0G01
71	BDD50SA		ST	Brkt	X	.500	PLYR	Y	Ins. 100oz. Max.	VER01	0G01
72	BDD50SC		ST	Fing	X	.500	PLYR	Y	Ins. 100oz. Max.	VER01	0G01
73	BDD50SF		ST	Brkt	X	.500	PLYR	Y	Ins. 100oz. Max.	VER01	0G01
74	BEDD50S		ST	Fing	X	.500	PLYR	Y	Ins. 100oz. Max.	VER01	0G01
75	BEDD50SA		ST	Brkt	X	.500	PLYR	Y	Ins. 100oz. Max.	VER01	0G01
76	BEDD50SC		ST	Fing	X	.500	PLYR	Y	Ins. 100oz. Max.	VER01	0G01
77	BEDD50SF		ST	Brkt	X	.500	PLYR	Y	Ins. 100oz. Max.	VER01	0G01
78	SEDD50S		ST	Fing	X	.500	NYL	Y	Ins. 100oz. Max.,Sep. 37.5oz. Max.	VER01	85R9
79	DSR	B	ST	Fing		1.00	PBT	Y	Ins. 10.,Sep. .7oz.	VKC12	0R37b
80	147-1150S		ST	Rivt	X			Y	Contact Plating Au or Sn	WCH10	14R17
81	189-1150S		ST	Rivt	X		PBT	Y		WCH20	
82	47-1150S		ST	Rivt			PBT	Y	Contact Plating Au or Sn	WCH10	0G01
83	ECR	C	ST	Stnd		.800	RYTN	Y	Force 10oz INS,51 Contact,See Mfr Number Key for Options	EL017	121R11
84	DS51S		ST	Fing		.800	OPT	Y	Ins. 6oz.,Sep. .5oz.	MNE01	0R36a
85	DD SERIES	B	ST	Othr		1.00	PLYR		15,26,44,62 Contacts, See Mfr Number Key for Mounting Styles	PST08	0G01
86	DD SERIES	D	90	Othr		1.00	PLYR		15,26,44,62 Contacts, See Mfr Number Key for Mounting Styles	PST08	0G01

SOCKETS, DIN PRODUCT SELECTION

Line No.	Type Identification	Variation	Rows Loaded (abcdefz)	Insulator			Quality	Additional Features	Mfr. Order Key	Drawing Number
				EMI	DWV (KV)	Material				
1 ROW										
1	H11F-C2S		e				1	Flat Connector to Flat Connector, Contacts Perpendicular to Mount Surface	DIN01	999R18
2	H11F				3.1		1	Faston Terminations, Stds, DIN 41612, VG 95324, IEC 603.2, VDE 0110	DIN01	999R19
3	TYPE H11	B	c			PLCB	2	Electrical Specifications to DIN 41630		999R19
4	TYPE H11F		b			PLYR	123	Force 80-90N INS, .15 SEP		999R19
5	H15F				1.0		1	Faston Termination, Stds: DIN 41612, VG 95324, IEC 603.2, VDE 0110	DIN01	999R21
6	BC16F-C1H		a				3	Wrap Length 13mm Au or Sn Plated, VG 95 324	DIN02	999R28
7	HB16F	A	a		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999R6
8	HC16F	A	a		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999R6
9	TYPE MINI B	B	a		1.05	PLYR	12	Termination Lengths, 4.0 and 13.0mm		999R8
10	50C16F	A	a		.350	PBT		Force 3.4oz INS, .68oz SEP per Contact, Every Other Position Filled, See Key	MRC05	999R4
11	50C16F	B	b		.350	PBT		Force 3.4oz INS, .68oz SEP per Contact, Every Other Position Filled, See Key	MRC05	999R4
12	50C16F	C	c		.350	PBT		Force 3.4oz INS, .68oz SEP per Contact, Every Other Position Filled, See Key	MRC05	999R4
13	51B16F	A	a		.350	PBT		Force 3.4oz INS, .68oz SEP per Contact, Every Other Position Filled, See Key	MRC05	999R2
14	51B16F	B	b		.350	PBT		Force 3.4oz INS, .68oz SEP per Contact, Every Other Position Filled, See Key	MRC05	999R2
15	100D16F	A	a		1.0	PBT		Force 9lb INS/SEP		999R13
16	100D16F	B	c		1.0	PBT		Force 9lb INS/SEP		999R13
17	100HALFB16F	A	a		1.0	PBT		Force 6.7lb INS/SEP		999R6
18	100HALFB16F	B	b		1.0	PBT		Force 6.7lb INS/SEP		999R6
19	100HALFC16F	A	a		1.0	PBT		Force 10.1lb INS/SEP		999R8
20	100HALFC16F	B	b		1.0	PBT		Force 10.1lb INS/SEP		999R8
21	100HALFC16F	C	c		1.0	PBT		Force 10.1lb INS/SEP		999R8
22	SERIES B	D	a		1.0	PBT	12	Conforms to IEC603.2, VG95324, MIL-C-55302, BS9525, BT222, DIN41612/41494	DIN04	999R2
23	SERIES HE11	D	a		1.0	PBT	12	Conforms to DIN41494, 2 Row Insulator, Reverse	DIN04	999R32
24	SERIES G	D	a		1.0	PBT	12	Conforms to IEC603.2, VG95324, MIL-C-55302, BS9525, BT222, DIN41612/41494	DIN04	999R31
25	Type B16F		a			PLYR		Even Numbers Loaded Row a, Meets Requirements According to IEC 603-2	VKC16	999R2
26	Type C16F		a			PLYR		Even Numbers Loaded Row a, Meets Requirements According to IEC 603-2	VKC16	999R4
27	Type D16F		a			PLYR		Meets Requirements According to IEC 603-2	VKC16	999R13
28	Type D16F	B	c			PLYR		Meets Requirements According to IEC 603-2	VKC16	999R13
29	B32F	A	a		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999R2
30	C32F	A	a		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999R4
31	R32F	A	a		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999R10
32	Type C32F	B	a		1.0	THPL		Ins. 105oz., Sep. 17oz., Compatible With DIN 41612		999R4
33	Type R32F	B	a		1.0	THPL		Ins. 105oz., Sep. 17oz., Compatible With DIN 41612		999R10
34	A32-R2	A	a		1.0			DIN 41612 and VG 95324		999R10
35	TYPE B	B	a		1.05	PLYR	123	Termination Lengths, 4.0 and 13.0mm		999R2
36	11.37	B	a			PLYR		DIN Style Type R		999R2
37	11.38	B	a			PLYR		DIN Style Type R		999R2
38	11.39	B	a			PLYR		DIN Style Type R		999R2
39	462	A	a		1.0	TPLR	1	Inverse DIN41612-Q & VG95324, 4, 8, 12, 16, 20, 24, 28, 32 Contacts per Row	EDAC04	999R2
40	462	C	b		1.0	TPLR	1	Inverse DIN41612-Q & VG95324, 4, 8, 12, 16, 20, 24, 28, 32 Contacts per Row	EDAC04	999R2
41	464	A	a		1.0	TPLR	1	DIN41612-C & VG95324, 4, 8, 12, 16, 20, 24, 28, 32 Contacts per Row	EDAC04	999R4
42	464	C	b		1.0	TPLR	1	DIN41612-C & VG95324, 4, 8, 12, 16, 20, 24, 28, 32 Contacts per Row	EDAC04	999R4
43	494	A	a		1.0	THPL	1	Inverse DIN41612-R & VG95324, 4, 8, 12, 16, 20, 24, 28, 32 Contacts per Row	EDAC04	999R10
44	494	D	b		1.0	THPL	1	Inverse DIN41612-R & VG95324, 4, 8, 12, 16, 20, 24, 28, 32 Contacts per Row	EDAC04	999R10
45	494	E	c		1.0	THPL	1	Inverse DIN41612-R & VG95324, 4, 8, 12, 16, 20, 24, 28, 32 Contacts per Row	EDAC04	999R10
46	496	A	a		1.0	TPLR	1	DIN41612-C & VG95324, 4, 8, 12, 16, 20, 24, 28, 32 Contacts per Row	EDAC04	999R4
47	496	D	b		1.0	TPLR	1	DIN41612-C & VG95324, 4, 8, 12, 16, 20, 24, 28, 32 Contacts per Row	EDAC04	999R4
48	496	E	c		1.0	TPLR	1	DIN41612-C & VG95324, 4, 8, 12, 16, 20, 24, 28, 32 Contacts per Row	EDAC04	999R4
49	8438B32F	A	a		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO37	999R2
50	8438B32F	B	b		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO37	999R2
51	8438C32F	A	a		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO38	999R4
52	8438C32F	B	b		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO38	999R4
53	8447E32F	A	a		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO40	999R25
54	8447E32F	B	c		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO40	999R25
55	8457-2B32F	A	a		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO26	999R2
56	8457-2B32F	B	b		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO26	999R2
57	8457-2C32F	A	a		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO28	999R4
58	8457-2C32F	B	b		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO28	999R4
59	8457B32F	A	a		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO26	999R2
60	8457B32F	B	b		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO26	999R2
61	8457C32F	A	a		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO28	999R4
62	8457C32F	B	b		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO28	999R4
63	8458B32F	A	a		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO35	999R2
64	8458B32F	B	b		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO35	999R2
65	8458C32F	A	a		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO36	999R4
66	8458C32F	B	b		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO36	999R4
67	8467-2C32F	A	a		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO34	999R4
68	8467-2C32F	B	b		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO34	999R4
69	8467-2C32M	A	a		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO33	999P3
70	8467-2C32M	B	b		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO33	999P3
71	8467C32F	A	a		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO34	999R4
72	8467C32F	B	b		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO34	999R4
73	8477-2R32F	A	a		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO30	999R10
74	8477-2R32F	B	b		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO30	999R10
75	50C32F	A	a		.350	PBT		Force 3.4oz INS, .68oz SEP per Contact, See Mfr Number Key for Options	MRC05	999R4
76	50C32F	B	b		.350	PBT		Force 3.4oz INS, .68oz SEP per Contact, See Mfr Number Key for Options	MRC05	999R4
77	50C32F	C	c		.350	PBT		Force 3.4oz INS, .68oz SEP per Contact, See Mfr Number Key for Options	MRC05	999R4
78	51B32F	A	a		.350	PBT		Force 3.4oz INS, .68oz SEP per Contact, See Mfr Number Key for Options	MRC05	999R2
79	51B32F	B	b		.350	PBT		Force 3.4oz INS, .68oz SEP per Contact, See Mfr Number Key for Options	MRC05	999R2
80	100B32F	A	a		1.0	PBT		Force 13.4lb INS/SEP		999R2
81	100B32F	B	b		1.0	PBT		Force 13.4lb INS/SEP		999R2
82	100C32F	A	a		1.0	PBT		Force 20.2lb INS/SEP		999R4
83	100C32F	B	b		1.0	PBT		Force 20.2lb INS/SEP		999R4
84	100C32F	C	c		1.0	PBT		Force 20.2lb INS/SEP		999R4
85	RNEC32F	B	a			PLYR	23	See Mfr Number Key for Options	RNI03	999R4
86	SERIES B	B	a		1.0	PBT	12	Conforms to IEC603.2, VG95324, MIL-C-55302, BS9525, BT222, DIN41612/41494	DIN04	999R2
87	SERIES HE11	B	a		1.0	PBT	12	Conforms to DIN41494, 1 Row Insulator, Reverse	DIN04	999R32
88	SERIES Q	B	a		1.0	PBT	12	Conforms to IEC603.2, VG95324, MIL-C-55302, BS9525, BT222, DIN41612/41494	DIN04	999R31

SOCKETS, DIN PRODUCT SELECTION

Line No.	Type Identification	Variation	Rows Loaded (abcdefz)	Insulator			Quality	Additional Features	Mfr. Order Key	Drawing Number
				EMI	DWV (KV)	Material				
1 ROW (Cont'd)										
1	073-32114	A	a		1.0	PLYR		Type C, Standard Mounting, All Positions Loaded	DIN03	999R4
2	073-32144	A	a		1.0	PLYR		Type C, Standard Mounting, All Positions Loaded	DIN03	999R4
3	073-32914	A	a		1.0	PLYR		Type C, Reversed Mounting, All Positions Loaded	DIN03	999R4
4	BA32F	B	a			PLYR		Low Profile, See Mfr Number Key for Options	TXT07	999R2
5	BB32F	A	b			PLYR			TXT07	999R2
6	BB32F	B	b			PLYR			TXT07	999R2
7	Type B32F	A	a			PLYR		Meets Requirements According to IEC 603-2	VKC16	999R2
8	Type B32F	B	b			PLYR		Meets Requirements According to IEC 603-2	VKC16	999R2
9	Type C32F	A	a			PLYR		Meets Requirements According to IEC 603-2	VKC16	999R4
10	AF48F		bdz		2.5			DIN 40045		999R15
11	AF48FA	A	bdz		2.5			DIN 40045		999R15
12	G06VD32P3	A	a		1.0	PLYR	3	32 Contacts in 64 Contact Insulator	CAN01	999R4
13	G60VD64P3	B	a		1.0	PLYR	3	32 and 64 Contacts	CAN02	999R10
14	G60VM64P3	B	a		1.0	PLYR	3	32 and 64 Contacts	CAN02	999R10
15	BA32F	A	a			PLYR		Low Profile, See Mfr Number Key for Options	TXT07	999R2
16	G06VM96P3	B	b		1.0	PLYR	3	32 Contacts in 96 Contact Insulator	CAN01	999R4
2 ROWS										
17	H15F-C2S	A	dz				23	Term 6.3x0.8mm Sq, Vertical Sockets, DIN 41 612	DIN02	999R26
18	H15F-C2S	B	dz				2	Term 0.8x6.3mm Sq, Horizontal Sockets, DIN 41 612	DIN02	999R21
19	AH15F		dz		3.0			DIN 40045		999R19
20	TYPE H15	B	dz			PLCB	2	Electrical Specifications to DIN 41630		999R21
21	TYPE H15F		dz		1.0	PLYR	123	Force 80-90N INS., .15 SEP		999R21
22	H SERIES	C	zd		2.50	PLCB	AG	Rated 500V, All Positions Loaded		999R21
23	H15F							Conforms to DIN 41612, High Current Type, Cage Clamp or Blade Termination		999R21
24	H15F		dz		2.5	OPT	2	DIN 41612, Quick Connect Contact, Insul. to VDE 0110/11.72 Para. 5		999R21
25	SERIES H15	A	dz		2.5	PLCB	1	Conforms to DIN41494	DIN04	999R21
26	219 TYPE H	C	db					DIN 41612, 500V, 15A Gr. C		999R21
27	D16F-C1H		ac				23	Pin Length 20mm, Available In DIN 41612 Type	DIN01	999R13
28	D16F-C1W		ac				3	Available In DIN 41612 Type	DIN01	999R13
29	D16F		ac		1.55		123	DIN 41612, VG 95324, IEC 603.2	DIN01	999R13
30	HB16F	B	ab		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999R6
31	HC16F	B	ac		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999R8
32	Type Half C16F		ac		1.0	THPL		Ins. 53oz., Sep. 8oz., Compatible With DIN 41612		999R8
33	Type Half R16F		ac		1.0	THPL		Ins. 53oz., Sep. 8oz., Compatible With DIN 41612		999R27
34	D016F	A	ac			PLYR		See Mfr Number Key for Options	TXT08	999R13
35	D016F	B	ac			PLYR		Contacts 2,6,10,14,18,22,26,30 Loaded, Meets IEC 603-2 Requirements	TXT08	999R13
36	Type D16F	C	ac			PLYR			Contact Plating Au or Sn, 13,21,31 Contacts, DIN 41 617	VKC16
37	41617	B				PLCB			36R3	
38	M31F				2.5	OPT	2	Quick Connect Only for Power Contacts, Insul. to VDE 0110/11.72 Para. 5		999R23
39	706 TYPE B	C	a				3	DIN 41612		999R2
40	706-C143B	H	a		.330	PBT	23	Force 6.72lb INS/SEP		999R2
41	706-C143B	J	ab		.330	PBT	23	Force 6.72lb INS/SEP, Staggered Contact Loading a1,b2,a3,b4 etc.		999R2
42	706-C143B	L	a		.330	PBT	23	Force 6.72lb INS/SEP		999R2
43	706-C143B	M	ab		.330	PBT	23	Force 6.72lb INS/SEP, Staggered Contact Loading a1,b2,a3,b4 etc.		999R2
44	706-C143D	A	ac		.400	PBT	2	Force 6.720lb INS/SEP		999R13
45	706-C143D	B	ac		.400	PBT	2	Force 6.720lb INS/SEP		999R13
46	706-C143Q	E	a		.330	PBT	23	Force 6.720lb INS/SEP		999R31
47	706-C143Q	F	ab		.330	PBT	23	Force 6.720lb INS/SEP, Staggered Contact Loading a1,b2,a3,b4 etc.		999R31
48	BC32F-C1E		ac				23	Tail Length 4mm, VG 95 324	DIN02	999R28
49	BC32F-C1F		ac				2	Tail Length 1.35mm Au Plated, VG 95 324	DIN02	999R28
50	BC32F-C1H	A	ac				123	Wrap Length 13mm Au Plated, VG 95 324	DIN02	999R28
51	BC32F-C1H	B	ac				23	Wrap Length 13mm, VG 95 324	DIN02	999R28
52	BC32F-C1W		ac				23	Termination Length 5mm, VG 95 324	DIN02	999R28
53	B32F-C1HY		ac				2	Wrap Length 14mm, Pressfit Length 3mm, DIN 41 612	DIN02	999R2
54	B32F-C1HZ		ab				123	Compliant Press Fit, Wire Wrap, Pin Length 14mm	DIN01	999R2
55	C32F-C1E		ac				123	Available In DIN 41612 Type	DIN01	999R4
56	C32F-C1H	A	ac				123	Pin Length 13mm, Available In DIN 41612 Type	DIN01	999R4
57	C32F-C1H	B	ac				123	Pin Length 13mm, Available In DIN 41612 Type	DIN01	999R4
58	C32F-C1HV		ac				2	Insul. Au Plated Term, Wrap Length 13mm, Insulator Length 4mm, DIN 41 612	DIN02	999R4
59	C32F-C1HY	A	ac				23	Wrap Length 14mm, Pressfit Length 3mm, DIN 41 612	DIN02	999R4
60	C32F-C1HY	B	ac				2	Wrap Length 14mm, Pressfit Length 3mm, DIN 41 612, Au Plated Termination	DIN02	999R4
61	C32F-C1W		ac				1	DIN 41 612	DIN02	999R4
62	C32F-C1X		ac				23	IDC Length 4.5mm, DIN 41 612	DIN02	999R4
63	C32F-C1Y		ac				2	Tail Length 6mm, Pressfit Length 3mm, DIN 41 612	DIN02	999R4
64	D32F-C1E		ac				123	Tail Length 4mm, DIN 41 612	DIN02	999R13
65	D32F-C1E		ac				123	Available In DIN 41612 Type	DIN01	999R13
66	D32F-C1F		ac				123	Tail Length 1.35mm, Au Plated Termination, DIN 41 612	DIN02	999R13
67	D32F-C1H		ac				123	Pin Length 20mm, Available In DIN 41612 Type	DIN01	999R13
68	D32F-C1HV		ac				123	Wrap Length 20mm, Insulator Length 6mm, DIN 41 612	DIN02	999R13
69	D32F-C1HVU		ac				2	Wrap Len 15mm, Insul Len 6mm, Piggyback Len 5mm, Au Plated Term, DIN 41 612	DIN02	999R13
70	D32F-C1HY		ac				2	Wrap Length 20.2mm, Pressfit Length 3mm, DIN 41 612	DIN02	999R13
71	D32F-C1M		ac				123	Tail Length 26mm, DIN 41 612	DIN02	999R13
72	D32F-C1W		ac				123	Available In DIN 41612 Type	DIN01	999R13
73	F32F-C1H		dz				2	Available In DIN 41612 Type	DIN01	999R15
74	F32F-C1H	A	dz				23	Available In DIN 41612 Type	DIN01	999R15
75	R32C1A		ac				123	Available In DIN 41612	DIN01	999R15
76	B32F	B	ab		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999R2
77	C32F	B	ac		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999R4
78	D32F	B	ac		1.55		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999R13
79	F32F	A	bz		1.55		123	Stds: DIN 41612, VG 95324, IEC 603.2, Solder Pins Avail. 1mmX1mm, 4mmX.6mm	DIN01	999R15
80	F32F	B	dz		1.55		123	Stds: DIN 41612, VG 95324, IEC 603.2, Solder Pin Avail. 1mmX1mm, 4mmX.6mm	DIN01	999R15
81	HB32F	B	ab		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999R6
82	HC32F	A	ab		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999R8
83	HC32F	B	ac		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999R8
84	R32F	B	ac		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999R10
85	Type C32F	A	ac		1.0	THPL		Ins. 105oz., Sep. 17oz., Compatible With DIN 41612	DIN01	999R4

SOCKETS, DIN PRODUCT SELECTION

Line No.	Type Identification	Variation	Rows Loaded (abcdefz)	Insulator			Quality	Additional Features	Mfr. Order Key	Drawing Number
				EMI	DWV (KV)	Material				
2 ROWS (Cont'd)										
1	Type Half R32F		ac		1.0	THPL		Ins. 105oz.,Sep. 17oz.,Compatible With DIN 41612		999R27
2	Type HalfC32F		ac		1.0	THPL		Ins. 105oz.,Sep. 17oz.,Compatible With DIN 41612		999R8
3	Type R32F	A	ac		1.0	THPL		Ins. 105oz.,Sep. 17oz.,Compatibale With DIN 41612		999R10
4	AF32F	A	bz		2.5			DIN 40045		999R15
5	AF32F	B	dz		2.5			DIN 40045		999R15
6	A16-D2		ac		2.0		123	DIN 40040		999R13
7	TYPE C	C	ac		1.05	PLYR	23	Termination Length 4.0mm		999R4
8	TYPE D	B	ac			PLCB	2	Electrical Specifications to DIN 41630		999R13
9	TYPE MINI B	A	ab		1.05	PLYR	12	Termination Lengths, 4.0 and 13.0mm		999R6
10	TYPE MINI C	B	ac		1.05	PLYR	12	Termination Length 4.0 and 13.0mm		999R8
11	G60VD96P3	B	ac		1.0	PLYR	3	Only Even Numbered Pins Loaded		999R10
12	G60VM96P3	B	ac		1.0	PLYR	3	Only Even Numbered Pins Loaded		999R10
13	11.37	C	ab			PLYR		DIN Style Type R, Even Positions Loaded		999R2
14	11.38	C	ab			PLYR		DIN Style Type R, Even Positions Loaded		999R2
15	11.39	C	ab			PLYR		DIN Style Type R, Even Positions Loaded		999R2
16	11.42	E	ac			PLYR		DIN Style Type R, Even Positions Loaded		999R4
17	11.43	C	ac			PLYR		DIN Style Type R, Even Positions Loaded		999R4
18	11.44	C	ac			PLYR		DIN Style Type R, Even Positions Loaded		999R4
19	431	B	ab			NYL		Press Fit and Solder Styles,Gold and Tin Plating,See Mfr Number Key	EFB03	999R4
20	431	C	ac			NYL		Press Fit and Solder Styles,Gold and Tin Plating,See Mfr Number Key	EFB03	999R4
21	431	D	bc			NYL		Press Fit and Solder Styles,Gold and Tin Plating,See Mfr Number Key	EFB03	999R4
22	433	B	ab			NYL		Press Fit and Solder Styles,Gold and Tin Plating,See Mfr Number Key	EFB03	999R4
23	433	C	ac			NYL		Press Fit and Solder Styles,Gold and Tin Plating,See Mfr Number Key	EFB03	999R4
24	433	D	bc			NYL		Press Fit and Solder Styles,Gold and Tin Plating,See Mfr Number Key	EFB03	999R4
25	8438B32F	C	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO37	999R2
26	8438B32F	D	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO37	999R2
27	8438C32F	C	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO38	999R4
28	8438C32F	D	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO38	999R4
29	8438C32F	E	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO38	999R4
30	8438C32F	F	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO38	999R4
31	8447E32F	C	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO40	999R25
32	8447E32F	D	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO40	999R25
33	8447E32F	E	ae		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO40	999R25
34	8447E32F	F	ae		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO40	999R25
35	8457-2B32F	C	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Numbers,See Mfr Number Key for Options	ELO26	999R2
36	8457-2B32F	D	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Numbers,See Mfr Number Key for Options	ELO26	999R2
37	8457-2C32F	C	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO28	999R4
38	8457-2C32F	D	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO28	999R4
39	8457-2C32F	E	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO28	999R4
40	8457-2C32F	F	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO28	999R4
41	8457B32F	C	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Numbers,See Mfr Number Key for Options	ELO26	999R2
42	8457B32F	D	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Numbers,See Mfr Number Key for Options	ELO26	999R2
43	8457C32F	C	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO28	999R4
44	8457C32F	D	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO28	999R4
45	8457C32F	E	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO28	999R4
46	8457C32F	F	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO28	999R4
47	8458B32F	C	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO35	999R2
48	8458B32F	D	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO35	999R2
49	8458C32F	C	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO36	999R4
50	8458C32F	D	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO36	999R4
51	8458C32F	E	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO36	999R4
52	8458C32F	F	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO36	999R4
53	8467-2C32F	C	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO34	999R4
54	8467-2C32F	D	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO34	999R4
55	8467-2C32F	E	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO34	999R4
56	8467-2C32F	F	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO34	999R4
57	8467C32F	C	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO34	999R4
58	8467C32F	D	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO34	999R4
59	8467C32F	E	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO34	999R4
60	8467C32F	F	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO34	999R4
61	8477-2R32F	C	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO30	999R10
62	8477-2R32F	D	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO30	999R10
63	8477-2R32F	E	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO30	999R10
64	8477-2R32F	F	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO30	999R10
65	HALF BKF		ab		1.0	PLYR	123	Force 30N INS, .15N SEP		999R6
66	TYPE DF		ac		1.0	PLYR	123	Force 40N INS, .15N SEP		999R13
67	PCN-B32F	A	ab			PBT		13mm/Transfer Zone Termination,Even Numbered Pins Loaded	HRS17	999R2
68	PCN-B32F	B	ab			PBT		13mm/Transfer Zone Termination,Even Numbered Pins Loaded	HRS17	999R2
69	PCN-B32F	C	ab			PBT		13mm/Transfer Zone Termination,Odd Numbered Pins Loaded	HRS17	999R2
70	PCN-B32F	D	ab			PBT		13mm/Transfer Zone Termination,Odd Numbered Pins Loaded	HRS17	999R2
71	PCN-B32F	E	ab			PBT		13mm/Transfer Zone Termination,a=Odd Numbers,b=Even Numbers Loaded	HRS17	999R2
72	PCN-B32F	F	ab			PBT		13mm/Transfer Zone Termination,a=Odd Numbered,b=Even Numbered Loaded	HRS17	999R2
73	PCN-B32F	G	ab			PBT		13mm/Transfer Zone Termination,a=Even Numbered,b=Odd Numbered Loaded	HRS17	999R2
74	PCN-B32F	H	ab			PBT		13mm/Transfer Zone Termination,a=Even Numbered,b=Odd Numbered Loaded	HRS17	999R2
75	PCN-C32F	A	ab			PBT		13mm/Transfer Zone Termination,a=Odd Pins,b=Even Pins Loaded	HRS17	999R4
76	PCN-C32F	B	ab			PBT		13mm/Transfer Zone Termination,a=Odd Pins,b=Even Pins Loaded	HRS17	999R4
77	PCN-C32F	C	ac			PBT		13mm/Transfer Zone Termination,a=Odd Pins,b=Even Pins Loaded	HRS17	999R4
78	PCN-C32F	D	ac			PBT		13mm/Transfer Zone Termination,a=Odd Pins,b=Even Pins Loaded	HRS17	999R4
79	PCN-C32F	E	bc			PBT		13mm/Transfer Zone Termination,b=Odd Pins,c=Even Pins Loaded	HRS17	999R4
80	PCN-C32F	F	bc			PBT		13mm/Transfer Zone Termination,b=Odd Pins,c=Even Pins Loaded	HRS17	999R4
81	PCN-C32F	G	bc			PBT		13mm/Transfer Zone Termination,b=Even Pins,c=Odd Pins Loaded	HRS17	999R4
82	PCN-C32F	H	ab			PBT		13mm/Transfer Zone Termination,a=Even Pins,b=Odd Pins Loaded	HRS17	999R4
83	PCN-C32F	I	ac			PBT		13mm/Transfer Zone Termination,a=Even Pins,c=Odd Pins Loaded	HRS17	999R4
84	PCN-C32F	J	ac			PBT		13mm/Transfer Zone Termination,a=Even Pins,c=Odd Pins Loaded	HRS17	999R4
85	PCN-C32F	K	bc			PBT		13mm/Transfer Zone Termination,b=Even Pins,c=Odd Pins Loaded	HRS17	999R4
86	PCN-C32F	L	bc			PBT		13mm/Transfer Zone Termination,b=Even Pins,c=Odd Pins Loaded	HRS17	999R4
87	PCN-HALF B32F	A	ab			PBT		13mm/Transfer Zone Termination,Even Numbered Pins Loaded	HRS17	999R6
88	PCN-HALF B32F	B	ab			PBT		13mm/Transfer Zone Termination,Even Numbered Pins Loaded	HRS17	999R6

SOCKETS, DIN PRODUCT SELECTION

Line No.	Type Identification	Variation	Rows Loaded (abcdefz)	Insulator			Quality	Additional Features	Mfr. Order Key	Drawing Number
				EMI	DWV (KV)	Material				
2 ROWS (Cont'd)										
1	PCN-HALF B32F	C	ab			PBT		13mm/Transfer Zone Termination,Odd Numbered Pins Loaded	HRS17	999R6
2	PCN-HALF B32F	D	ab			PBT		13mm/Transfer Zone Termination,Odd Numbered Pins Loaded	HRS17	999R6
3	PCN-HALF B32F	E	ab			PBT		13mm/Transfer Zone Termination,a=Odd Pins,b=Even Pins Loaded	HRS17	999R6
4	PCN-HALF B32F	F	ab			PBT		13mm/Transfer Zone Termination,a=Odd Pins,b=Even Pins Loaded	HRS17	999R6
5	PCN-HALF B32F	G	ab			PBT		13mm/Transfer Zone Termination,a=Even Pins,b=Odd Pins Loaded	HRS17	999R6
6	PCN-HALF B32F	H	ab			PBT		13mm/Transfer Zone Termination,a=Even Pins,b=Odd Pins Loaded	HRS17	999R6
7	PCN-HALF C32F	A	ab			PBT		13mm/Transfer Zone Termination,a=Odd Pins,b=Even Pins Loaded	HRS17	999R8
8	PCN-HALF C32F	B	ab			PBT		13mm/Transfer Zone Termination,a=Odd Pins,b=Even Pins Loaded	HRS17	999R8
9	PCN-HALF C32F	C	ac			PBT		13mm/Transfer Zone Termination,a=Odd Pins,c=Even Pins Loaded	HRS17	999R8
10	PCN-HALF C32F	D	ac			PBT		13mm/Transfer Zone Termination,a=Odd Pins,c=Even Pins Loaded	HRS17	999R8
11	PCN-HALF C32F	E	bc			PBT		13mm/Transfer Zone Termination,b=Odd Pins,c=Even Pins Loaded	HRS17	999R8
12	PCN-HALF C32F	F	bc			PBT		13mm/Transfer Zone Termination,b=Odd Pins,c=Even Pins Loaded	HRS17	999R8
13	PCN-HALF C32F	G	ab			PBT		13mm/Transfer Zone Termination,a=Even Pins,b=Odd Pins Loaded	HRS17	999R8
14	PCN-HALF C32F	H	ab			PBT		13mm/Transfer Zone Termination,a=Even Pins,b=Odd Pins Loaded	HRS17	999R8
15	PCN-HALF C32F	I	ac			PBT		13mm/Transfer Zone Termination,a=Even Pins,c=Odd Pins Loaded	HRS17	999R8
16	PCN-HALF C32F	J	ac			PBT		13mm/Transfer Zone Termination,a=Even Pins,c=Odd Pins Loaded	HRS17	999R8
17	PCN-HALF C32F	K	bc			PBT		13mm/Transfer Zone Termination,b=Even Pins,c=Odd Pins Loaded	HRS17	999R8
18	PCN-HALF C32F	L	bc			PBT		13mm/Transfer Zone Termination,b=Even Pins,c=Odd Pins Loaded	HRS17	999R8
19	B SERIES	D	a		1.00	PLCB	123	Rated 250V/32 Pos,125V/64 Pos		999R2
20	D SERIES	B	ac		2.00	PLCB	12	Rated 250V,Every Other Position Loaded For 16 Contacts,2&3,6&7,10&11 etc		999R13
21	50C32F	D	ab		.350	PBT		Force 3.4oz INS,.68ozSEP per Contact,Every Other Position Filled,See Key	MRC05	999R4
22	50C32F	E	ac		.350	PBT		Force 3.4oz INS,.68ozSEP per Contact,Every Other Position Filled,See Key	MRC05	999R4
23	50C32F	F	bc		.350	PBT		Force 3.4oz INS,.68ozSEP per Contact,Every Other Position Filled,See Key	MRC05	999R4
24	51B32F	C	ab		.350	PBT		Force 3.4oz INS,.68ozSEP per Contact,Every Other Position Filled,See Key	MRC05	999R2
25	100D32F		ac		1.0	PBT		Force 9lb INS/SEP		999R13
26	100HALFB32F		ab		1.0	PBT		Force 6.7lb INS/SEP		999R6
27	100HALFC32F	A	ab		1.0	PBT		Force 10.1lb INS/SEP		999R8
28	100HALFC32F	B	ac		1.0	PBT		Force 10.1lb INS/SEP		999R8
29	100HALFC32F	C	bc		1.0	PBT		Force 10.1lb INS/SEP		999R8
30	101F32F	A	bz		1.0	PBT		Force 16.8lb INS/SEP		999R15
31	101F32F	B	dz		1.0	PBT		Force 16.8lb INS/SEP		999R15
32	101F32F	C	bd		1.0	PBT		Force 16.8lb INS/SEP		999R15
33	RNEC32F	A	ac			PLYR	23	See Mfr Number Key for Options	RNI03	999R4
34	B32F	A	a		1.00	PLYR	2	Conforms to DIN 41612 Standard		999R2
35	B32F	B	a		1.00	PLYR	3	Conforms to DIN 41612 Standard		999R2
36	D32F		ac					Conforms to DIN 41612,High Current Type		999R13
37	MINI B32F		ab					Half Length,2x16 Rows Fully Loaded,DIN 41612		999R6
38	B32F	A	ab		1.5	OPT	2	DIN 41612,Insulation complies with VDE 0110/11.72 Para. 5		999R2
39	B32F	B	ab		1.5	OPT	2	DIN 41612,Even Positions Loaded,Insul. to VDE 0110/11.72 Para. 5		999R2
40	C32F		ac		1.5	OPT	2	DIN 41612,Even Positions Loaded,Insul. to VDE 0110/11.72 Para. 5		999R6
41	D32F		ac		2.5	OPT	2	DIN 41612,Even Positions Loaded,Insul. to VDE 0110/11.72 Para. 5		999R13
42	F32F	A	bz		2.5	OPT	2	DIN 41612,Bolt-on Mount,Insul. to VDE 0110/11.72 Para. 5		999R15
43	F32F	B	bz		2.5	OPT	2	DIN 41612,Snap-in Mount,Insul. to VDE 0110/11.72 Para. 5		999R15
44	Mini C32F	A	ac		1.5	OPT	2	DIN 41612,Insul. to VDE 0110/11.72 Para. 5		999R8
45	Mini C32F	B	ac		1.5	OPT	2	DIN 41612,Insul. to VDE 0110/11.72 Para. 5		999R8
46	SERIES B	C	ab		1.0	PBT	12	Conforms to IEC603.2,VG95324,MIL-C-55302,BS9525,BT222,DIN41612/41494	DIN04	999R2
47	SERIES C	D	ac		1.0	PBT	12	Conforms to IEC603.2,VG95324,MIL-C-55302,BS9525,BT222,DIN41612/41494	DIN04	999R4
48	SERIES D	A	ac		1.0	PLCB	123	Conforms to DIN41494	DIN04	999R13
49	SERIES F	B	bz		1.5	PLCB	123	Conforms to DIN41494	DIN04	999R15
50	SERIES F	C	dz		1.5	PLCB	123	Conforms to DIN41494	DIN04	999R15
51	SERIES HE11	C	ab		1.0	PBT	12	Conforms to DIN41494, 2 Row Insulator, Reverse	DIN04	999R32
52	SERIES HE11	H	ac		1.0	PBT	12	Conforms to DIN41494, 3 Row Insulator, Reverse	DIN04	999R32
53	SERIES Q	C	ab		1.0	PBT	12	Conforms to IEC603.2,VG95324,MIL-C-55302,BS9525,BT222,DIN41612/41494	DIN04	999R31
54	SERIES R	D	ac		1.0	PBT	12	Conforms to IEC603.2,VG95324,MIL-C-55302,BS9525,BT222,DIN41612/41494	DIN04	999R10
55	073-32114	B	ac		1.0	PLYR		Type C, Standard Mounting, Even Positions Loaded	DIN03	999R4
56	073-32144	B	ac		1.0	PLYR		Type C, Standard Mounting, Even Positions Loaded	DIN03	999R4
57	073-32914	B	ac		1.0	PLYR		Type C, Reversed Mounting, Even Positions Loaded	DIN03	999R4
58	C/2B32F	A	ab			PLYR		DIN 41612	TXT05	999R8
59	C/2B32F	B	ab			PLYR		DIN 41612	TXT05	999R8
60	C/2032F	A	ac			PLYR		DIN 41612	TXT05	999R8
61	C/2032F	B	ac			PLYR		DIN 41612	TXT05	999R8
62	D032F	A	ac			PLYR		See Mfr Number Key for Options	TXT08	999R13
63	D032F	B	ac			PLYR			TXT08	999R13
64	Type B32F	C	ab			PLYR		Even Numbers Loaded Rows a,b,Meets Requirements According to IEC 603-2	VKC16	999R2
65	Type C32F	B	ac			PLYR		Odd Numbers Loaded Row a,Even Numbers Row c,Meets IEC 603-2 Requirements	VKC16	999R4
66	Type C32F	C	ac			PLYR		Meets Requirements According to IEC 603-2	VKC16	999R4
67	Type D32F		ac			PLYR		Meets Requirements According to IEC 603-2	VKC16	999R13
68	219 TYPE F	D	db					DIN 41612, 125V, 6A Gr. C		999R15
69	AF48FA	B	bz		2.5			DIN 40045		999R15
70	8477-2R48F	A	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO30	999R10
71	8477-2R48F	B	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO30	999R10
72	M42+6F				1.00	PLCB		42 Signal & 6 10Amp Power or RG178B/U Coax Contacts		999R23
73	C50F		ac		1.5	OPT	2	3 Post Power (15A) Connectors,Insul. to VDE 0110/11.72 Para. 5		
74	706 TYPE B	A	ab				2	DIN 41612		999R2
75	706 TYPE B	B	ab				3	DIN 41612		999R2
76	706-C143B	G	ab		.330	PBT	23	Force 13.4lb INS/SEP		999R2
77	706-C143B	K	ab		.330	PBT	23	Force 13.4lb INS/SEP		999R2
78	706-C143Q	D	ab		.330	PBT	23	Force 13.44lb INS/SEP		999R31
79	B64F-C1D		ab				123	Tail Length 2.5mm	DIN02	999R2
80	B64F-C1F		ab				123	Wrap Length 13mm,Available In DIN 41612 Type	DIN01	999R2
81	B64F-C1H	A	ab				13	Wrap Length 13mm,Available In DIN 41612 Type	DIN01	999R2
82	B64F-C1H	B	ab				2	Wrap Length 13mm,Available In DIN 41612 Type	DIN01	999R2
83	B64F-C1HY	A	ab				123	Wrap Length 14mm, Pressfit Length 3mm, DIN 41 612	DIN02	999R2
84	B64F-C1HY	B	ab				2	Wrap Length 14mm, Pressfit Length 3mm, DIN 41 612	DIN02	999R2
85	B64F-C1HZ		ab				123	Compliant Press Fit,Wire Wrap,Pin Length 14mm	DIN01	999R2
86	C64F-C1E		ac				123	Available In DIN 41612 Type	DIN01	999R4
87	C64F-C1H		ac				2	Pin Length 17mm	DIN01	999R4
88	C64F-C1H	A	ac				123	Pin Length 13mm,Available In DIN 41612 Type	DIN01	999R4

SOCKETS, DIN PRODUCT SELECTION

Line No.	Type Identification	Variation	Rows Loaded (abcdefz)	Insulator			Quality	Additional Features	Mfr. Order Key	Drawing Number
				EMI	DWV (KV)	Material				
2 ROWS (Cont'd)										
1	C64F-C1H	B	ac				2	Pin Length 13mm, Available in DIN 41612 Type	DIN01	999R4
2	C64F-C1HV		ac				2	Insul. Au Plated Term, Wrap Length 13mm, Insulator Length 4mm, DIN 41 612	DIN02	999R4
3	C64F-C1HX		ac				2	Mixed Wire Wrap and IDC, IDC Length 4.5mm, Wrap Length 19mm, DIN 41 612	DIN02	999R4
4	C64F-C1HY	A	ac				23	Wrap Length 14mm, Pressfit Length 3mm, DIN 41 612	DIN02	999R4
5	C64F-C1HY	B	ac				2	Wrap Length 14mm, Pressfit Length 3mm, DIN 41 612, Au Plated Termination	DIN02	999R4
6	C64F-C1HZ		ac				123	Compliant Press Fit Wire Wrap Pins, Pin Length 17mm	DIN01	999R4
7	C64F-C1W		ac				1	DIN 41 612	DIN02	999R4
8	C64F-C1X		ac				23	Insulation Displacement For Ribbon Cable	DIN01	999R4
9	C64F-C1Y		ac				2	Tail Length 6mm, Pressfit Length 3mm, DIN 41 612	DIN02	999R4
10	C64F-C1Z		ac				123	Available in DIN 41612 Type	DIN01	999R4
11	R64F-C1A		ac				123	Available in DIN 41612	DIN01	999R15
12	C64F	A	ac		1.0			Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999R11
13	C64F	A	ab		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999R4
14	C64F	B	ac		1.0			Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999R11
15	C64F	B	ac		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999R4
16	R64F		ac		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999R10
17	C64F/IDC	A	ac		1.0	THPL		Ins. 211oz., Sep. 50oz., Compatible With DIN 41612		29R62
18	C64F/IDC	B	ab		1.0	THPL		Ins. 211oz., Sep. 34oz., Compatible With DIN 41612		29R62
19	C64F/IDC	C	bc		1.0	THPL		Ins. 211oz., Sep. 34oz., Compatible With DIN 41612		29R62
20	R64F/IDC	A	ac		1.0	THPL		Ins. 211oz., Sep. 34oz., Compatible With DIN 41612		29R216
21	R64F/IDC	B	ab		1.0	THPL		Ins. 211oz., Sep. 34oz., Compatible With DIN 41612		29R216
22	R64F/IDC	C	bc		1.0	THPL		Ins. 211oz., Sep. 34oz., Compatible With DIN 41612		29R216
23	Type B64F		ab		1.0	THPL		Ins. 211oz., Sep. 34oz., Compatible With DIN 41612		999R2
24	Type C64F		ac		1.0	THPL		Ins. 211oz., Sep. 34oz., Compatible With DIN 41612		999R4
25	Type R64F		ac		1.0	THPL		Ins. 211oz., Sep. 34oz., Compatible With DIN 41612		999R10
26	A32-R2	B	ac		1.0			DIN 41612 and VG 95324		999R10
27	A32-S2	A	ac		1.0		123	DIN 41612 and VG 95324		999R4
28	A32-U2	A	ab		1.0		123	DIN 41612 and VG 95324		999R2
29	A64-C		ac		1.0			DIN 41612 and VG 95324		999R4
30	BPS3B96	A	ac		1.00	THPL	2	Force 3.4oz INS, 0.7oz SEP		999R2
31	BPS3B96	B	ab		1.00	THPL	2	Force 3.4oz INS, 0.7oz SEP		999R2
32	TYPE B	A	ab		1.05	PLYR	123	Termination Lengths, 4.0 and 13.0mm		999R2
33	TYPE C	B	ac		1.05	PLYR	123	Termination Length 4.0mm		999R4
34	TYPE C	D	ac			PLYR		Termination, Flat Cable		999R4
35	TYPE R	B	ac		1.05	PLYR	12	Termination Length 3.5mm		999R10
36	G06VD32P3	B	ac		1.0	PLYR	3	32 Contacts in 96 Contact Insulator	CAN01	999R4
37	G06VD32P3	C	ab		1.0	PLYR	3	32 Contacts Staggered, Beginning at a1, in 64 Contact Insulator	CAN01	999R4
38	G60D64P3	A	ac		1.0	PLYR	3	32 Contacts in 64 Contact Insulator	CAN02	999R10
39	G60VD96P3	C	ab		1.0	PLYR	3			999R10
40	G60VM64P3	A	ac		1.0	PLYR	3	32 Contacts in 64 Contact Insulator	CAN02	999R10
41	G60VM96P3	C	ab		1.0	PLYR	3			999R10
42	538-060		ac		1.0	PLYR		Mates With DIN41612-C Male, Twin Cantilever Socket, Strain Relief Avail		999R8
43	11.37	A	ab			PLYR		DIN Style Type R		999R2
44	11.38	A	ab			PLYR		DIN Style Type R		999R2
45	11.39	A	ab			PLYR		DIN Style Type R		999R2
46	11.42	D	ac			PLYR		DIN Style Type R		999R4
47	11.43	B	ac			PLYR		DIN Style Type R		999R4
48	11.44	B	ac			PLYR		DIN Style Type R		999R4
49	1500-008		ac		0.5	PLYR		With or Without Strain Relief		999R4
50	462	B	ab		1.0	TPLR	1	Inverse DIN41612-Q & VG95324, 4, 8, 12, 16, 20, 24, 28, 32 Contacts per Row	EDAC04	999R2
51	464	B	ab		1.0	TPLR	1	DIN41612-C & VG95324, 4, 8, 12, 16, 20, 24, 28, 32 Contacts per Row	EDAC04	999R4
52	494	B	ab		1.0	THPL	1	Inverse DIN41612-R & VG95324, 4, 8, 12, 16, 20, 24, 28, 32 Contacts per Row	EDAC04	999R10
53	494	F	ac		1.0	THPL	1	Inverse DIN41612-R & VG95324, 4, 8, 12, 16, 20, 24, 28, 32 Contacts per Row	EDAC04	999R10
54	494	G	bc		1.0	THPL	1	Inverse DIN41612-R & VG95324, 4, 8, 12, 16, 20, 24, 28, 32 Contacts per Row	EDAC04	999R10
55	496	B	ab		1.0	TPLR	1	DIN41612-C & VG95324, 4, 8, 12, 16, 20, 24, 28, 32 Contacts per Row	EDAC04	999R4
56	496	F	ac		1.0	TPLR	1	DIN41612-C & VG95324, 4, 8, 12, 16, 20, 24, 28, 32 Contacts per Row	EDAC04	999R4
57	496	G	bc		1.0	TPLR	1	DIN41612-C & VG95324, 4, 8, 12, 16, 20, 24, 28, 32 Contacts per Row	EDAC04	999R4
58	8438C64F	A	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO38	999R4
59	8438C64F	B	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO38	999R4
60	8438C64F	C	bc		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO38	999R4
61	8447E64F	A	ae		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO40	999R25
62	8447E64F	B	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO40	999R25
63	8447E64F	C	ce		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO40	999R25
64	8457-2B64F		ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO26	999R2
65	8457-2C64F	A	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO28	999R4
66	8457-2C64F	B	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO28	999R4
67	8457-2C64F	C	bc		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO28	999R4
68	8457B64F		ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO26	999R2
69	8457C64F	A	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO28	999R4
70	8457C64F	B	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO28	999R4
71	8457C64F	C	bc		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO28	999R4
72	8458B64F		ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO35	999R2
73	8458C64F	A	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO36	999R4
74	8458C64F	B	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO36	999R4
75	8458C64F	C	bc		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO36	999R4
76	8467-2C64F	A	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO34	999R4
77	8467-2C64F	B	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO34	999R4
78	8467-2C64F	C	bc		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO34	999R4
79	8467-2C64M	A	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO33	999P3
80	8467-2C64M	B	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO33	999P3
81	8467-2C64M	C	bc		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO33	999P3
82	8467C64F	A	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO34	999R4
83	8467C64F	B	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO34	999R4
84	8467C64F	C	bc		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO34	999R4
85	8477-2R64F	A	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO30	999R10
86	8477-2R64F	B	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO30	999R10
87	8477-2R64F	C	bc		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO30	999R10
88	41-1	A			1.00	PBT		See Mfr Number Key For Rows Loaded and Options, DIN 41612 Type B	EMS09	999R2

SOCKETS, DIN PRODUCT SELECTION

Line No.	Type Identification	Variation	Rows Loaded (abcdefz)	Insulator			Quality	Additional Features	Mfr. Order Key	Drawing Number
				EMI	DWV (KV)	Material				
2 ROWS (Cont'd)										
1	41-1	B			1.00	PBT	123	See Mfr Number Key For Rows Loaded and Options, DIN 41612 Type B	EMSB09	999R2
2	TYPE BF		ab		1.0	PLYR		Force 30-60N INS, .15N SEP		999R2
3	PCN-B64F	A	ab			PBT		13mm/Transfer Zone Termination	HRS17	999R2
4	PCN-B64F	B	ab			PBT		13mm/Transfer Zone Termination	HRS17	999R2
5	PCN-HALF B64F	A	ab			PBT		13mm/Transfer Zone Termination	HRS17	999R6
6	PCN-HALF B64F	B	ab			PBT		13mm/Transfer Zone Termination	HRS17	999R6
7	8300	A			1.00	PBT		Force 4.2oz INS, 0.5oz SEP per Pin, 32,50,64 Contacts	KAM29	46R15
8	8400	A	ab		1.00	PET		Force 4.2oz INS, 0.5oz SEP per Pin	KAM29	999R2
9	B SERIES	C	ab		1.00	PLCB	123	Rated 250V/32 Pos, 125V/64 Pos, Even Numbers, Only Loaded For 32 Positions		999R2
10	50C64F	A	ab		.350	PBT		Force 3.4oz INS, .68oz SEP per Contact, See Mfr Number Key for Options	MRC05	999R4
11	50C64F	B	ac		.350	PBT		Force 3.4oz INS, .68oz SEP per Contact, See Mfr Number Key for Options	MRC05	999R4
12	50C64F	C	bc		.350	PBT		Force 3.4oz INS, .68oz SEP per Contact, See Mfr Number Key for Options	MRC05	999R4
13	51B64F		ab		.350	PBT		Force 3.4oz INS, .68oz SEP per Contact, See Mfr Number Key for Options		999R2
14	100B64F		ab		1.0	PBT		Force 13.4lb INS/SEP		999R2
15	100C64F	A	ab		1.0	PBT		Force 20.2lb INS/SEP		999R4
16	100C64F	B	ac		1.0	PBT		Force 20.2lb INS/SEP		999R4
17	100C64F	C	bc		1.0	PBT		Force 20.2lb INS/SEP		999R4
18	RNEC64F	A	ac			PLYR	23	See Mfr Number Key for Options	RNI03	999R4
19	RNEC64F	B	ac			PLYR	23	See Mfr Number Key for Options	RNI03	999R4
20	B64F	A	ab		1.00	PLYR	2	Conforms to DIN 41612 Standard		999R2
21	B64F	B	ab		1.00	PLYR	3	Conforms to DIN 41612 Standard		999R2
22	M60+4F				1.00	PLCB		60 Signal & 4 10Amp Power or RG178B/U Coax Contacts		999R23
23	64a/b		ab			PLYR		Conforms to DIN 41612 Standard		999R2
24	64a/c		ac			PLYR		Conforms to DIN 41612 Standard		999R3
25	B64F		ab		1.5	OPT	2	DIN 41612, Insulation complies with VDE 0110/11.72 Para. 5		999R2
26	C64F	A	ac		1.5	OPT	2	DIN 41612, Even Positions Loaded, Insul. to VDE 0110/11.72 Para. 5		999R6
27	C64F	B	ac		1.0	PLCB	2	AWG 28 Ribbon Cable		999R6
28	SERIES B	A	ab		1.0	PBT	12	Conforms to IEC603.2, VG95324, MIL-C-55302, BS9525, BT222, DIN41612/41494	DIN04	999R2
29	SERIES C	B	ac		1.0	PBT	12	Conforms to IEC603.2, VG95324, MIL-C-55302, BS9525, BT222, DIN41612/41494	DIN04	999R4
30	SERIES HE11	A	ab		1.0	PBT	12	Conforms to DIN41494, 2 Row Insulator, Reverse	DIN04	999R32
31	SERIES HE11	F	ac		1.0	PBT	12	Conforms to DIN41494, 3 Row Insulator, Reverse	DIN04	999R32
32	SERIES Q	A	ab		1.0	PBT	12	Conforms to IEC603.2, VG95324, MIL-C-55302, BS9525, BT222, DIN41612/41494	DIN04	999R31
33	SERIES R	B	ac		1.0	PBT	12	Conforms to IEC603.2, VG95324, MIL-C-55302, BS9525, BT222, DIN41612/41494	DIN04	999R10
34	073-64114	A	ac		1.0	PLYR		Type C, Standard Mounting, All Positions Loaded	DIN03	999R4
35	073-64114	B	ab		1.0	PLYR		Type C, Standard Mounting, All Positions Loaded	DIN03	999R4
36	073-64114	C	bc		1.0	PLYR		Type C, Standard Mounting, All Positions Loaded	DIN03	999R4
37	073-64144	A	ac		1.0	PLYR		Type C, Standard Mounting, All Positions Loaded	DIN03	999R4
38	073-64144	B	ab		1.0	PLYR		Type C, Standard Mounting, All Positions Loaded	DIN03	999R4
39	073-64144	C	bc		1.0	PLYR		Type C, Standard Mounting, All Positions Loaded	DIN03	999R4
40	073-64914	A	ac		1.0	PLYR		Type C, Reversed Mounting, All Positions Loaded	DIN03	999R4
41	073-64914	B	ab		1.0	PLYR		Type C, Reversed Mounting, All Positions Loaded	DIN03	999R4
42	073-64914	C	bc		1.0	PLYR		Type C, Reversed Mounting, All Positions Loaded	DIN03	999R4
43	B064F	A	ab			PLYR		Low Profile, See Mfr Number Key for Options	TXT07	999R2
44	B064F	B	ab			PLYR			TXT07	999R2
45	CB64F	A	ab			PLYR		DIN 41612	TXT04	999R4
46	CB64F	B	ab			PLYR		DIN 41612	TXT04	999R4
47	C064F	A	ac			PLYR		DIN 41612	TXT04	999R4
48	C064F	B	ac			PLYR		DIN 41612	TXT04	999R3
49	ID064-SR	A	ac			PLYR		Mates With C Series C096M or R Series R096M, Rows A and C Only		999R29
50	ID064F	A	ac			PLYR		Mates With C Series C096M or R Series R096M, Rows A and C Only		999R29
51	ID064F-SR	A	ac			PLYR		Mates With C Series C096M or R Series R096M, Rows A and C Only		999R29
52	R064F	A	ac			PLYR		See Mfr Number Key for Options	TXT06	999R10
53	R064F	B	ac			PLYR		See Mfr Number Key for Options	TXT06	999R10
54	Type B64F		ab			PLYR		Meets Requirements According to IEC 603-2	VKC16	999R2
55	Type C64F	A	ab			PLYR		Meets Requirements According to IEC 603-2	VKC16	999R4
56	Type C64F	B	ac			PLYR		Meets Requirements According to IEC 603-2	VKC16	999R4
57	FNS-64	A	ac			PLCB		DIN 41 612, Bar Form-C		999R29
58	FNS-64	B	ab			PLCB		DIN 41 612, Bar Form-B		999R30
59	M78+2F				1.00	PLCB		78 Signal & 2 10Amp Power or RG178B/U Coax Contacts		999R23
60	G06VM96P3	A	ac		1.0	PLYR	3	32 Contacts in 96 Contact Insulator	CAN01	999R4
61	G06VM96P3	C	ab		1.0	PLYR	3	64 Contacts in 96 Contact Insulator	CAN01	999R4
62	G60VD96P3	A	ac		1.0	PLYR	3			999R10
63	G60VM96P3	A	ac		1.0	PLYR	3			999R10
64	8330	A			1.00	PBT		Force 4.2oz INS, 0.5oz SEP per Pin, 32,44,50,64,90,100 Contacts	KAM28	46R11
65	8440	A			1.00	PBT		Force 4.2oz INS, 0.5oz SEP per Pin, 32,44,50,64,90,100 Contacts	KAM28	46R13
3 ROWS										
66	SVT	A			.350	PLYR		See Mfr Number Key for Rows Loaded and Moulding Type	FERS02	999R34
67	SVT	B			.350	PLYR		See Mfr Number Key for Rows Loaded and Moulding Type	FERS02	999R34
68	SERIES M	A	bz		2.5	PLCB	123	Mixed 7 Power, 21 Signal Contacts, Au/Aq Plate, Pwr Cncts, Z&D Rows Only	DIN04	999R23
69	219 TYPE M	B	dbz					Pwr Cts Loaded Rows D,Z, 21 Sgl Cts Loaded Rows D,B,Z, 125V/500V, 6A/15A		999R23
70	706-C143C/2	C	ac		.330	PBT	23	Force 3.36lb INS/SEP, Even Positions Loaded		999P7
71	706-C143C/2	F	ac		.330	PBT	23	Force 3.36lb INS/SEP, Even Positions Loaded		999P7
72	706-C143C/2	J	ac		.330	PBT	23	Force 3.36lb INS/SEP, Even Positions Loaded		999R8
73	706-C143C/2	M	ac		.330	PBT	23	Force 3.36lb INS/SEP, Even Positions Loaded		999R8
74	Type Half C24F		abc		1.0	THPL		Ins. 79oz, Sep. 12oz, Compatible With DIN 41612		999R8
75	Type Half R24F		abc		1.0	THPL		Ins. 79oz, Sep. 12oz, Compatible With DIN 41612		999R27
76	TYPE M	B	bdz			PLCB	2	Electrical Specifications to DIN 41630		999R23
77	M24/7F-C1H2S		bdz			PLCB	3	Power-2 Row, 7 Contacts, 12A, Signal-3Row, 24 Contacts, 4A	DIN01	999R23
78	M31F				2.5	PLCB	123	Stds: DIN 41612, VG 95324, IEC 603.2, VDE 0110, 7 Pwr(2 Rows), 24 Sig(3 Rows)	DIN01	999R23
79	W SERIES	C			.750	PLCB	123	13, 21, 31 & 31+1 Spare Positions, Rated 60V, Length Varies With No. of Poles		999R33
80	W SERIES	C			.750	PLCB	123	13, 21, 31 & 31+1 Spare Positions, Rated 60V, Length Varies With No. of Poles		999R33
81	706-C143C	J	ac		.330	PBT	23	Force 6.720lb INS/SEP, Even Positions Loaded		999R4
82	706-C143C	M	ac		.330	PBT	23	Force 6.720lb INS/SEP, Even Positions Loaded		999R4
83	706-C143C/2	B	ac		.330	PBT	23	Force 6.72lb INS/SEP		999P7
84	706-C143C/2	E	ac		.330	PBT	23	Force 6.72lb INS/SEP		999P7
85	706-C143C/2	H	ac		.330	PBT	23	Force 6.72lb INS/SEP		999R8

SOCKETS, DIN PRODUCT SELECTION

Line No.	Type Identification	Variation	Rows Loaded (abcdefz)	Insulator			Quality	Additional Features	Mfr. Order Key	Drawing Number
				EMI	DWV (KV)	Material				
3 ROWS (Cont'd)										
1	706-C143C/2	L	ac		.330	PBT	23	Force 6.72lb INS/SEP		999R8
2	706-C143F	E	bz		.330	PLCB	2	Force 10.88lb INS/SEP		999R15
3	706-C143F	F	dz		.330	PLCB	2	Force 10.88lb INS/SEP		999R15
4	706-C143M	H	abc		.330	PLCB	2	24 Signal Plus 8 40AMP Coaxial Contacts		999R34
5	706-C143R	F	ac		.330	PBT	23	Force 6.720lb INS/SEP,Even Numbered Contacts Loaded		999R10
6	F32F-C1E		bz				23	Tail Length 4mm, Row D Loading Optional, DIN 41 612	DIN02	999R15
7	F32F-C1H	C	bz				2	Wrap Length 22mm,Row D Loading Optional,Au Plated Termination,DIN 41 612	DIN02	999R15
8	F32F-C1H	D	bz				123	Wrap Length 22mm,Row D Loading Optional,DIN 41 612	DIN02	999R15
9	F32F-C1H	E	bz				2	Wrap Length 22mm,Row D Load Opt,Incr Res to Creepage Current,DIN 41 612	DIN02	999R15
10	F32F-C1H	F	bz				2	Wrap Length 22mm,Row B Load Opt,Incr Res to Creepage Current,DIN 41 612	DIN02	999R15
11	F32F-C1H	G	bz				23	Wrap Length 22mm, Row B Loading Optional, DIN 41 612	DIN02	999R15
12	F32F-C1M	A	bz				23	Termination 1.6x0.8mm Sq,Length 22mm,Row D Loading Optional,DIN 41 612	DIN02	999R15
13	F32F-C1M	B	bz				23	Termination 2.4x0.8mm Sq,Length 26mm,Row D Loading Optional,DIN 41 612	DIN02	999R15
14	G60M048P3	A	ac		1.00	PLYR		32 Contacts,Partially Equipped Surface Mount	CAN02	999R10
15	431	A	abc			NYL		Press Fit and Solder Styles,Gold and Tin Plating,See Mfr Number Key	EFB03	999R4
16	433	A	abc			NYL		Press Fit and Solder Styles,Gold and Tin Plating,See Mfr Number Key	EFB03	999R4
17	C SERIES	E	a		1.00	PLCB	123	Rated 250V/32 Pos,125V/64 & 96 Pos		999R4
18	F SERIES	E	z		1.50	PLCB	12	Rated 250V,All Positions Loaded For Rows Indicated		999R15
19	F SERIES	F	zd		1.50	PLCB	12	Rated 250V,All Positions Loaded For Rows Indicated		999R15
20	F SERIES	G	bd		1.50	PLCB	12	Rated 250V,All Positions Loaded For Rows Indicated		999R15
21	R SERIES	E	a		1.00	PBT	12	Rated 250V/32 Pos,125V/64 & 96 Pos		999R10
22	706-C143C/2	A	abc		.330	PBT	23	Force 10.1lb INS/SEP		999P7
23	706-C143C/2	D	abc		.330	PBT	23	Force 10.1lb INS/SEP		999P7
24	706-C143C/2	G	abc		.330	PBT	23	Force 10.1lb INS/SEP		999R8
25	706-C143C/2	K	abc		.330	PBT	23	Force 10.1lb INS/SEP		999R8
26	706-C143F	D	bdz		.330	PLCB	2	Force 16.32lb INS/SEP		999R15
27	706-C143M	G	abc		.330	PLCB	2	42 Signal Plus 6 40AMP Coaxial Contacts		999R34
28	BC48F-C1E		abc				23	Tail Length 4mm, VG 95 324	DIN02	999R28
29	BC48F-C1F		abc				2	Tail Length 1.35mm Au Plated, VG 95 324	DIN02	999R28
30	BC48F-C1H	A	abc				123	Wrap Length 13mm Au Plated, VG 95 324	DIN02	999R28
31	BC48F-C1H	B	abc				23	Wrap Length 13mm, VG 95 324	DIN02	999R28
32	BC48F-C1W		abc				23	Termination Length 5mm (Rows A,C), 8mm (Row B), VG 95 324	DIN02	999R28
33	E48F-C1E		ace				123	Tail Length 4mm, DIN 41 612	DIN02	999R25
34	E48F-C1E		ace				123	Available In DIN 41612 Type	DIN01	999R25
35	E48F-C1F		ace				2	Tail Length 1.35mm, Au Plated Termination, DIN 41 612	DIN02	999R25
36	E48F-C1H		ace				123	Available In DIN 41612 Type	DIN01	999R25
37	E48F-C1HV		ace				123	Wrap Length 14mm, Insulator Length 6mm, DIN 41 612	DIN02	999R25
38	E48F-C1HVU		ace				2	Wrap Len 15mm,Insul Len 6mm,Piggyback Len 5mm,Au Plated Term,DIN 41 612	DIN02	999R25
39	E48F-C1HY		ace				2	Wrap Length 20.2mm, Pressfit Length 3mm, DIN 41 612	DIN02	999R25
40	E48F-C1M	A	ace				123	Termination 1.6x0.8mm Sq,Length 22mm,Connector Body Ext. 3mm, DIN 41 612	DIN02	999R25
41	E48F-C1M	B	ace				1	Termination 1.6x0.8mm Sq,Length 22mm,Connector Body EXT. 10mm,DIN 41 612	DIN02	999R25
42	E48F-C1M	C	ace				123	Termination 2.4x0.8mm Sq,Length 26mm,Connector Body Ext. 3mm,DIN 41 612	DIN02	999R25
43	E48F-C1W		ace				123	Available In DIN 41612 Type	DIN01	999R25
44	F48F-C1E		bdz				23	Available In DIN 41612 Type	DIN01	999R15
45	F48F-C1H	A	bdz				123	Available In DIN 41612 Type	DIN01	999R15
46	F48F-C1H	B	bdz				2	Available In DIN 41612 Type	DIN01	999R15
47	F48F-C1H	C	bz				2	Wrap Length 22mm,Row D Load Opt,Incr Res to Creepage Current,DIN 41 612	DIN02	999R15
48	F48F-C1W		bdz				23	z And d Eyelet Length 10mm,b Eyelet Length 17mm	DIN01	999R15
49	F48F-C1X		bdz				2	Availabale In DIN 41612 Type	DIN01	999R15
50	F48F		bdz		1.55		123	Stds,DIN 41612,VG 95324,IEC 603.2,Solder Pin Avail. .1mmX.1mm,.4mmX.6mm	DIN01	999R15
51	HC48F		abc		1.0		123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999R8
52	Type C48F		abc		1.0	THPL		Ins. 158oz.,Sep. 25oz.,Compatible With DIN 41612		999R4
53	Type Half C48F		abc		1.0	THPL		Ins. 158oz.,Sep. 25oz.,Compatible With DIN 41612		999R8
54	Type Half R48F		abc		1.0	THPL		Ins. 158oz.,Sep. 25oz.,Compatible With DIN 41612		999R27
55	Type R48F		abc		1.0	THPL		Ins. 158oz.,Sep. 25oz.,Compatible With DIN 41612		999R10
56	TYPE F	B	adz			PLCB	2	Electrical Specifications to DIN 41630		999R15
57	TYPE MINI C	A	abc		1.05	PLYR	12	Termination Length 4.0 and 13.0mm		999R8
58	G60M048P3	B	abc		1.00	PLYR		48 Contacts,Surface Mount	CAN02	999R10
59	8438C48F	A	abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO38	999R4
60	8438C48F	B	abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO38	999R4
61	8447E48F	A	ace		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO40	999R25
62	8447E48F	B	ace		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO40	999R25
63	8457-2C48F	A	abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO28	999R4
64	8457-2C48F	B	abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO28	999R4
65	8457C48F	A	abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO28	999R4
66	8457C48F	B	abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO28	999R4
67	8458C48F	A	abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO36	999R4
68	8458C48F	B	abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO36	999R4
69	8467-2C48F	A	abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO34	999R4
70	8467-2C48F	B	abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO34	999R4
71	8467C48F	A	abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Even Number,See Mfr Number Key for Options	ELO34	999R4
72	8467C48F	B	abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Odd Number,See Mfr Number Key for Options	ELO34	999R4
73	HALF CKF		abc		1.0	PLYR	123	Force 30-45N INS, .15N SEP		999R8
74	TYPE EF		ace		1.0	PLYR	123	Force 40-60N INS, .15 SEP		999R25
75	TYPE FF		bz		10.	PLYR	123	Force 50-75N INS, .15 SEP		999R15
76	PCN-C48F	A	abc			PBT		13mm/Transfer Zone Termination,Even Numbered Pins Loaded	HRS17	999R4
77	PCN-C48F	B	abc			PBT		13mm/Transfer Zone Termination,Even Numbered Pins Loaded	HRS17	999R4
78	PCN-C48F	C	abc			PBT		13mm/Transfer Zone Termination,Odd Numbered Pins Loaded	HRS17	999R4
79	PCN-C48F	D	abc			PBT		13mm/Transfer Zone Termination,Odd Numbered Pins Loaded	HRS17	999R4
80	PCN-HALF C48F	A	abc			PBT		13mm/Transfer Zone Termination,Even Numbered Pins Loaded	HRS17	999R8
81	PCN-HALF C48F	B	abc			PBT		13mm/Transfer Zone Termination,Even Numbered Pins Loaded	HRS17	999R8
82	PCN-HALF C48F	C	abc			PBT		13mm/Transfer Zone Termination,Odd Numbered Pins Loaded	HRS17	999R8
83	PCN-HALF C48F	D	abc			PBT		13mm/Transfer Zone Termination,Odd Numbered Pins Loaded	HRS17	999R8
84	F SERIES	H	zbd		1.50	PLCB	12	Rated 250V,All Positions Loaded For Rows Indicated		999R15
85	50C48F		abc		.350	PBT		Force 3.4oz INS,.68ozSEP per Contact,Every Other Position Filled,See Key	MRC05	999R4
86	100E48F		ace		1.0	PBT		Force 16.8lb INS/SEP		999R25
87	100HALFC48F		abc		1.0	PBT		Force 10.1lb INS/SEP		999R8
88	101F48F		bz		1.0	PBT		Force 16.8lb INS/SEP		999R15

SOCKETS, DIN PRODUCT SELECTION

Line No.	D.A.T.A. Mfr. Code	Type Identification	Variation	Approvals							Contact						Contact Termination																									
				CSA	IEC	MIL	UL	VG	VDE	Other	Number (Range)	Option	Type	Entry	Resistance (mOhm)	Current (Amp)	Material	Plating	Angle	Crimp	Insulate	IDC	Loop	P-Back	Press Fit	Quick	Tail	Terminal	Wrap	Other												
3 ROWS (Cont'd)																																										
1	RSCB	F48F											48		Socket			6.0	Cu	Au	ST																					
2	RSCB	MINI B48F											48		Socket																											
3	SCF	F48F	A										48		Socket		10	4.0	Cu	Au	ST																					
4	SCF	F48F	B										48		Socket		10	4.0	Cu	Au	ST																					
5	SCF	Mini C48F	A										48		Socket		15	1.0	Cu	Au	ST																					
6	SCF	Mini C48F	B										48		Socket		15	1.0	Cu	Au	ST																					
7	SOU	SERIES C	C		•	•		•		•			48		Socket	C	15	2.0	PBrz	Au	ST																					
8	SOU	SERIES E	C										48		Socket	C	15	5.5	Bras	Au	ST																					
9	SOU	SERIES F	A										48		Socket	C	15	5.5	Bras	Au	ST																					
10	SOU	SERIES HE11	C										48		Socket	C	15	2.0	PBrz	Au	ST																					
11	SOU	SERIES R	G		•	•		•		•			48		Socket	C	15	2.0	PBrz	Au	ST																					
12	TXT	C/2048F	A		•			•					48		Socket																											
13	TXT	C/2048F	B		•			•					48		Socket																											
14	TXT	R048F	A										48		Socket																											
15	TXT	R048F	B										48		Socket																											
16	WAG	219 TYPE F	C										48		Socket			6.0	Ni	Au	ST																					
17	AAP	706 TYPE C	C										64		Socket																											
18	AAP	706 TYPE C	D										64		Socket																											
19	AAP	706 TYPE C	E										64		Socket																											
20	AAP	706-C143C	H		•	•		•		•			64		Socket		20	2.0	Cu	Au	ST																					
21	AAP	706-C143C	L		•	•		•		•			64		Socket		20	2.0	Cu	Au	90																					
22	AAP	706-C143M	F		•								64		Socket		20	2.0	Cu	Au	ST																					
23	AAP	706-C143R	E		•								64		Socket		20	2.0	Cu	Au	90																					
24	AML	B64F											64		Socket		15	1.0		Au	ST																					
25	AML	G64F											64		Socket		15	5.5		Au	ST																					
26	AUG	14005	A										64		Socket			1.0	PBrz	Au	ST																					
27	CAN	G60D064P3											64		Socket		15	2.0	Cu	Au	90																					
28	CAN	G60D064P6											64		Socket		15	2.0	Cu	Au	90																					
29	CAN	G60D096P3	A										64		Socket		15	2.0	Cu	Au	90																					
30	ELO	8438B64F					•	•					64		Socket		10	3.0	PBrz	Au	ST																					
31	GAR	C64F											64		Blade			1.0			ST																					
32	KIPE	C SERIES	F										64		Socket		20	2.0	Cu		ST																					
33	KIPE	C SERIES	G										32&64		Socket		20	2.0	Cu		ST																					
34	KIPE	R SERIES	F										64		Socket		20	2.0	Cu		90																					
35	KIPE	R SERIES	G										32&64		Socket		20	2.0	Cu		90																					
36	RSCB	C64F	A										64		Socket		15	1.5	PBrz	Au	ST																					
37	RSCB	C64F	B										64		Socket		15	1.5	PBrz	Au	ST																					
38	RSCB	C64F	C										64		Socket		15	2.0	Cu	Au	ST																					
39	RSCB	C64F	D										64		Socket		15	2.0	Cu	Au	ST																					
40	RSCB	R64F											64		Socket		15	1.5	PBrz	Au	ST																					
41	AAP	706-C143M	E		•								80		Socket		20	2.0	Cu	Au	ST																					
42	AAP	706 TYPE C	A										96		Socket																											
43	AAP	706 TYPE C	B										96		Socket																											
44	AAP	706-C143C	G		•	•		•		•			96		Socket		20	2.0	Cu	Au	ST																					
45	AAP	706-C143C	K		•	•		•		•			96		Socket		20	2.0	Cu	Au	90																					
46	AAP	706-C143R	D		•					•			96		Socket		20	2.0	Cu	Au	90																					
47	AEGC	C96F-C1E											96		Socket			2.0		Au	ST																					
48	AEGC	C96F-C1H	A										96		Socket			2.0		Au	ST																					
49	AEGC	C96F-C1H	B										96		Socket			2.0		Au	ST																					
50	AEGC	C96F-C1H																																								

SOCKETS, DIN PRODUCT SELECTION

Line No.	Type Identification	Variation	Rows Loaded (abcdefz)	Insulator			Quality	Additional Features	Mfr. Order Key	Drawing Number
				EMI	DWV (KV)	Material				
3 ROWS (Cont'd)										
1	F48F		abc					Conforms to DIN 41612,High Current Type		999R15
2	MINI B48F		abc					Half Length,3x16 Rows Fully Loaded,DIN 41612		999R6
3	F48F	A	bdz		2.5	OPT	2	DIN 41612,Bolt-on Mount,Insul. to VDE 0110/11.72 Para. 5		999R15
4	F48F	B	bdz		2.5	OPT	2	DIN 41612,Snap-in Mount,Insul. to VDE 0110/11.72 Para. 5		999R15
5	Mini C48F	A	abc		1.5	OPT	2	DIN 41612,Insul. to VDE 0110/11.72 Para. 5		999R8
6	Mini C48F	B	abc		1.5	OPT	2	DIN 41612,Insul. to VDE 0110/11.72 Para. 5		999R8
7	SERIES C	C	abc		1.0	PBT	12	Conforms to IEC603.2,VG95324,MIL-C-55302,BS9525,BT222,DIN41612/41494	DIN04	999R4
8	SERIES E	A	ace		1.0	PLCB	123	Conforms to DIN41494	DIN04	999R25
9	SERIES F	A	bz		1.5	PLCB	123	Conforms to DIN41494	DIN04	999R15
10	SERIES HE11	G	abc		1.0	PBT	12	Conforms to DIN41494, 3 Row Insulator, Reverse	DIN04	999R32
11	SERIES R	C	abc		1.0	PBT	12	Conforms to IEC603.2,VG95324,MIL-C-55302,BS9525,BT222,DIN41612/41494	DIN04	999R10
12	C/2048F	A	abc			PLYR		DIN 41612	TXT05	999R8
13	C/2048F	B	abc			PLYR		DIN 41612	TXT05	999R8
14	R048F	A	abc			PLYR		See Mfr Number Key for Options	TXT06	999R10
15	R048F	B	abc			PLYR		See Mfr Number Key for Options	TXT06	999R10
16	219 TYPE F	C	dbz				2	DIN 41612, 125V, 6A Gr. C		999R15
17	706 TYPE C	C	ac				2	DIN 41612		999R4
18	706 TYPE C	D	ac				3	DIN 41612		999R4
19	706 TYPE C	E	ac				3	Only Even Numbered Contacts Loaded,DIN 41612		999R4
20	706-C143C	H	ac		.330	PBT	23	Force 13.44lb INS/SEP		999R4
21	706-C143C	L	ac		.330	PBT	23	Force 13.44lb INS/SEP		999R4
22	706-C143M	F	abc		.330	PLCB	2	60 Signal Plus 4 40AMP Coaxial Contacts		999R34
23	706-C143R	E	ac		.330	PBT	23	Force 13.44lb INS/SEP		999R10
24	B64F		abc		1.0		123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999R2
25	G64F		bdz		1.55		123	Stds,DIN 41612,VG 95324,IEC 603.2	DIN01	999R17
26	14005	A			1.0	THPL		Ins. 211oz., Sep. 54oz.,Contact Termination Length 13.54 and 17.09mm		999R4
27	G60D064P3				1.00	PLYR		64 Contacts,Surface Mount	CAN02	999R10
28	G60D064P6				1.00	PLYR		64 Contacts,With Coding,Surface Mount	CAN02	999R10
29	G60D096P3	A	ac		1.00	PLYR		64 Contacts,With Coding,Surface Mount	CAN02	999R10
30	8438B64F		abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO37	999R2
31	C64F		abc					2,3 Level Wire Wrap,Female		999R4
32	C SERIES	F	ab		1.00	PLCB	123	Rated 250V/32 Pos,125V/64 & 96 Pos		999R4
33	C SERIES	G	ac		1.00	PLCB	123	Rated 250V/32 Pos,125V/64 & 96 Pos,Even No. Only Loaded For 32 Position		999R4
34	R SERIES	F	ab		1.00	PBT	12	Rated 250V/32 Pos,125V/64 & 96 Pos		999R10
35	R SERIES	G	ac		1.00	PBT	12	Rated 250V/32 Pos,125V/64 & 96 Pos,Even No. Only Loaded For 32 Position		999R10
36	C64F	A	ab		1.00	PLYR	2	Conforms to DIN 41612 Standard		999R4
37	C64F	B	ac		1.00	PLYR	2	Conforms to DIN 41612 Standard		999R4
38	C64F	C	ab		1.00	PLYR	3	Conforms to DIN 41612 Standard		999R4
39	C64F	D	ac		1.00	PLYR	3	Conforms to DIN 41612 Standard		999R4
40	R64F		ac		1.00		2	Inverse DIN 41612 Type		999R10
41	706-C143M	E	abc		.330	PLCB	2	78 Signal Plus 2 40AMP Coaxial Contacts		999R34
42	706 TYPE C	A	abc				2	DIN 41612		999R4
43	706 TYPE C	B	abc				3	DIN 41612		999R4
44	706-C143C	G	abc		.330	PBT	23	Force 20.16lb INS/SEP		999R4
45	706-C143C	K	abc		.330	PBT	23	Force 20.16lb INS/SEP		999R4
46	706-C143R	D	abc		.330	PBT	23	Force 20.16lb INS/SEP		999R10
47	C96F-C1E		abc				123	Available In DIN 41612 Type	DIN01	999R4
48	C96F-C1H	A	abc				123	Pin Length 13mm,Available In DIN 41612 Type	DIN01	999R4
49	C96F-C1H	B	abc				2	Pin Length 13mm,Available in DIN 41612 Type	DIN01	999R4
50	C96F-C1H	C	abc				2	Pin Length 17mm,Available in DIN 41612 Type	DIN01	999R4
51	C96F-C1HV		abc				2	Insul. Au Plated Term,Wrap Length 13mm,Insulation Length 4mm,DIN 41 612	DIN02	999R4
52	C96F-C1HY	A	abc				23	Wrap Length 14mm,Pressfit Length 3mm,DIN 41 612	DIN02	999R4
53	C96F-C1HY	B	abc				2	Wrap Length 14mm,Pressfit Length 3mm,DIN 41 612,Au Plated Termination	DIN02	999R4
54	C96F-C1HZ		abc				123	Compliant Press Fit Wire Wrap Pins,Pin Length 17mm	DIN01	999R4
55	C96F-C1Y		abc				2	Tail Length 6mm, Pressfit Length 3mm, DIN 41 612	DIN02	999R4
56	C96F-C1Z		abc				123	Available In DIN 41612 Type	DIN01	999R4
57	R96F-C1A		abc				123	Available In DIN 41612	DIN01	999R15
58	R96F-C1F		abc				3	Extended Solder Tail	DIN01	999R10
59	C96F		abc		1.0		123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999R4
60	R96F		abc		1.0		123	Stds:DIN 41612,VG 95324,IEC 603.2	DINJ01	999R10
61	Type C96F		abc		1.0	THPL		Ins. 316oz.,Sep. 50oz.,Compatible With DIN 41612		999R4
62	Type R96F		abc		1.0	THPL		Ins. 316oz.,Sep. 50oz.,Compatible With DIN 41612		999R10
63	A32-R2	C	abc		1.0			DIN 41612 and VG 95324		999R10
64	A32-S2	B	abc		1.0		123	DIN 41612 and VG 95324		999R4
65	14005	D			1.0	THPL		Ins. 316oz., Sep. 54oz.,Contact Termination Length 13.54 and 17.09mm		999R4
66	TYPE C	A	abc		1.05	PLYR	123	Termination Length 4.0 and 13.0mm		999R4
67	TYPE R	A	abc		1.05	PLYR	12	Termination Length 3.5mm		999R10
68	G60D096P3	B	abc		1.00	PLYR		96 Contacts,Surface Mount	CAN02	999R10
69	11.42	C	abc			PLYR		DIN Style Type R		999R4
70	11.43	A	abc			PLYR		DIN Style Type R,		999R4
71	11.44	A	abc			PLYR		DIN Style Type R		999R4
72	FABRI-DIN	B	abc		1.00	PBT		Plating=Au,Ni or Customer Spec,Inverse DIN Avail.,Press-Fit Wrap Term.		999R4
73	494	C	abc		1.0	THPL	1	Inverse DIN41612-R & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999R10
74	496	C	abc		1.0	TPLR	1	DIN41612-C & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999R4
75	DFA	A	abc			PBT		Force 2oz INS,1oz SEP,96 Contacts,See Mfr Number Key for Options	EFB07	999R4
76	DFA	B	abc			NYL		Force 2oz INS,1oz SEP,96 Contacts,See Mfr Number Key for Options	EFB08	999R4
77	8438C96F		abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO38	999R4
78	8447E96F		ace		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO40	999R25
79	8457-2C96F		abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO28	999R4
80	8457C96F		abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO28	999R4
81	8458C96F		abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO36	999R4
82	8467-2C96F		abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO34	999R4
83	8467-2C96M		abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO33	999P3
84	8467C96F		abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO34	999R4
85	8477-2R96F		abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO30	999R10
86	41-2	A			1.00	PBT		See Mfr Number Key For Rows Loaded and Options,DIN 41612 Type C	EMS09	999R4
87	41-2	B			1.00	PBT		See Mfr Number Key For Rows Loaded and Options,DIN 41612 Type C	EMS09	999R4
88	TYPE CF		abc		1.0	PLYR	123	Force 30-90N INS, .15N SEP		999R4

SOCKETS, HIGH PIN COUNT PRODUCT SELECTION

Line No.	Type Identification	Mounting		Insulator		Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Variation	Angle	Type	EMI				
1 ROW									
1	001503		90				POLY	Force 2-4oz Individual, Single Row, 100 Contacts Max	MAS01 80R1
2 ROWS									
2	001500		ST				POLY	Force 2-4oz Individual, Double Row w/No Crossover, 100 Contacts Max	MAS01 80R1
3	001501		ST				POLY	Force 2-4oz Individual, Double Row w/Crossover, 100 Contacts Max	MAS01 80R1
4	HDS-2		ST	Fing		.900	PPS	60,100,140,160,180 Contacts	24R7
3 ROWS									
5	122	B	ST	Fing		1.00	PPS	Y Low Insertion Force, Force 5.0oz INS Max, 0.5oz Min	
6	20-8457		ST	Fing		1.00	PBT	Y Force 3oz INS,2oz SEP,See Mfr Number Key for Options	ELO28 121R27
7	20-8457-2		ST	Fing		1.00	PBT	Y Force 3oz INS,2oz SEP,See Mfr Number Key for Options	ELO28 121R27
8	20-8477-2		90	Fing		1.00	PBT	Y Force 3oz INS,2oz SEP,See Mfr Number Key for Options	ELO30 121R28
9	9083	A	90	Fing		1.00	PPS	Y Force 1.5oz INS,0.8oz SEP,96,99,120,165,210,225,240,252 Contacts	ELO21 121R15
10	9083	D	ST	Fing		1.00	PPS	Y Force 1.5oz INS,0.8oz SEP,96,99,120,165,210,225,240,252 Contacts	ELO22 121R18
11	HDS-3		ST	Fing		.900	PPS	Y 105,126,201,225,300 Contacts	24R8
12	9083	B	90	Fing		1.00	PPS	Y Force 1.5oz INS,0.8oz SEP,240,258,276,294,312,330,348,366 Contacts	ELO21 121R16
13	9083	E	ST	Fing		1.00	PPS	Y Force 1.5oz INS,0.8oz SEP,240,258,276,294,312,330,348,366 Contacts	ELO22 121R19
14	9083	C	90	Fing		1.00	PPS	Y Force 1.5oz INS,0.8oz SEP,387 and 405 Contacts	ELO21 121R17
15	9083	F	ST	Fing		1.00	PPS	Y Force 1.5oz INS,0.8oz SEP,387 and 405 Contacts	ELO22 121R20
4 ROWS									
16	40-44	A					NYL	Y 10-80 Signal Pins 1-Row, Flush End Cap, See Mfr Number Key for Options	EFB02 0G01
17	40-44	B					NYL	Y 10-80 Signal Pins 1-Row, Flush End Cap, w/4 Pwr Pins, See Mfr Number Key	EFB02 0G01
18	40-44	C					NYL	Y 10-80 Signal Pins 1-Row, Flush End Cap, w/8 Pwr Pins, See Mfr Number Key	EFB02 0G01
19	40-44	D					NYL	Y 10-80 Signal Pins 1-Row, Key and Mount End Cap, See Mfr Number Key	EFB02 0G01
20	40-44	E					NYL	Y 10-80 Signal Pins 1-Row, Key and Mount End Cap w/4 Pwr Pins, See Mfr Key	EFB02 0G01
21	40-44	F					NYL	Y 10-80 Signal Pins 1-Row, Key and Mount End Cap w/8 Pwr Pins, See Mfr Key	EFB02 0G01
22	20-8414					1.00	PBT	Y Force 3oz INS,2oz SEP,See Mfr Number Key for Options	ELO32 121R29
23	296	B	ST	Fing		.500	PPS	Y Low Insertion Force, Force 1.5oz INS Avg, 0.5oz SEP Min	23R1
24	166	C	ST	Fing		.900	THPL	O 100,128,160,180,200,240,300 Contacts,Low Insertion Force	29R2
25	532434		ST	Thru			THPL	Y 100,128,160,180,200,240,300 Contacts,Terminal Length 4.57mm	29R2
26	9084	A	90	Fing		1.00	PPS	Y Force 1.5oz INS,0.8oz SEP,96,99,120,165,210,225,240,252 Contacts	ELO23 121R21
27	9084	D	ST	Fing		1.00	PPS	Y Force 1.5oz INS,0.8oz SEP,96,99,120,165,210,225,240,252 Contacts	ELO24 121R24
28	HDS-4		ST	Fing		.900	PPS	Y 128,172,200,268,300,400 Contacts	24R9
29	166	D	ST	Fing		.900	THPL	O 320,344,368,392,416,440,464,488 Contacts,Low Insertion Force	29R4
30	166 SERIES	B	ST	Fing		.900	THPL	Y 100,128,160,180,200,240,300,320,344,368,392,416,440,464,488 Contacts	AMP01 29R67
31	532920		ST	Thru			THPL	Y 320,344,368,392,416,440,464,488 Contacts,Terminal Lgnth 4.57m	29R4
32	9084	B	90	Fing		1.00	PPS	Y Force 1.5oz INS,0.8oz SEP,240,258,276,294,312,330,348,366 Contacts	ELO23 121R22
33	9084	E	ST	Fing		1.00	PPS	Y Force 1.5oz INS,0.8oz SEP,240,258,276,294,312,330,348,366 Contacts	ELO24 121R25
34	532840		ST	Thru			THPL	Y 518,540,564,588,612,636,660,684 Contacts,Term. Length 4.57mm	29R5
35	9084	C	90	Fing		1.00	PPS	Y Force 1.5oz INS,0.8oz SEP,387 and 405 Contacts	ELO23 121R23
36	9084	F	ST	Fing		1.00	PPS	Y Force 1.5oz INS,0.8oz SEP,387 and 405 Contacts	ELO24 121R26

SOCKETS, CENTRONICS PRODUCT SELECTION

Line No.	Type Identification	Mounting		EMI	Insulator		Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Variation	Angle		Type	DWV (KV)				
2 ROWS										
1	RCS20140		90	Brkt		1.00	PBT	Ni Plated Steel Shell		0G03
2	RCR-40240					1.00	PBT	Ni Plated Steel Shell Centronic Style with Wire Latch		0G03
3	RCS20240					1.00	PBT	Ni Plated Steel Shell		2R1b
4	57	B	90	Fing		1.00	PBT	Centronics Type, Ni Plated Steel Shell, With Bail Latch		0G03
5	SERIES 308	A	ST	Fing			PLYR	With Bail Latch Retention Mechanism	API03	0G03
6	SERIES 308	B	90	Brkt			PLYR	With Bail Latch or Standoff Retention Mechanism	API03	0G03
7	A57FFR		ST	Fing		.500	PLYR			0G03
8	121F		ST	Fing	X	1.00	PBT			0G03
9	RCR-40360		90	Brkt		1.00	PBT	Ni Plated Steel Shell Centronic Style with Wire Latch		2R2b
10	RCS20360					1.00	PBT	Ni Plated Steel Shell		2R1c
11	57-20	B	ST	Fing		.700	DAP	24,36,50 Micro-Ribbon Contacts, Avail. .156 Tail W/Wo Standoff		0G03
12	57-30		ST	Fing		.700	DAP	14,24,36,50 Micro-Ribbon Contacts, Top Cable Entry, Spring Latch Lock		0G03
13	57-92	A	90	Fing		.700	DAP	14,24,36,50 Micro-Ribbon Contacts, Spring Latch, Std/Rev Wire Direction		0G03
14	57F					.200	PLYR	14,24,36,50 Micro-Ribbon Contacts, Spring Latch Locking	AAP1	0G03
15	57FE				X	.200	PLYR	14,24,36,50 Micro-Ribbon Contacts, Spring Latch Locking, With Metal Cove	AAP1	0G03
16	57L					.500	PLYR	14,24,36,50 Micro-Ribbon Contacts, Spring Latch Locking	AAP1	0G03
17	57L		90	Fing		.500	PLYR	14,24,36,50 Micro-Ribbon Contacts, Spring Latch Lock	AAPL	37R2
18	57LE		90	Fing	X	.500	PLYR	14,24,36,50 Micro-Ribbon Contacts, Spring Latch Lock, Metal Cover	AAPL	37R2
19	57LE				X	.500	PLYR	14,24,36,50 Micro-Ribbon Contacts, Spring Latch Locking, With Metal Cove	AAP1	0G03
20	850-57F	B	ST	Fing		.250	PLCR	24,36,50 Micro-Ribbon Contacts	AAP1	0G03
21	850-57FE	B	ST	Fing	X	.250	PLCR	14,24,36,50 Micro-Ribbon Contacts, Metal Cover	AAP1	0G03
22	850-57L		90	Fing		.500	PLYR	14,24,36,50 Micro-Ribbon Contacts	AAP1	0G03
23	850-57LE		90	Fing	X	.500	PLYR	14,24,36,50 Micro-Ribbon Contacts, Metal Cover	AAP1	0G03
24	143F		ST	Fing	X	1.00	PBT		AAP1	0G03
25	Tele-Pac	B	ST	Fing			NYL	Mate w/Std Connector, Solder and Press Fit, See Mfr Number Key for Option	EFB04	0G01
26	FCN784		ST			.500	OPT	14,24,36,50 Contacts, PPS or PBT Insulators		0G03
27	FCN785		90			.500	OPT	14,24,36,50 Contacts, PPS or PBT Insulators		0G03
28	FCN787	B	ST			.500	OPT	14,24,36,50 Contacts, PPS or PBT Insulators		0G03
29	RCS20500					1.00	PBT	Ni Plated Steel Shell		2R1d
30	RIGHT ANGLE PCB	B	90	Brkt			THPL	24,36,50 Contacts		55R5
31	57-92	B	90	Fing		.700	DAP	14,24,36,50,64 Micro-Ribbon Contacts, Std. or Rev Wire Direction		0G03

PLUGS, TWO-PIECE PRODUCT SELECTION

Line No.	Type Identification	Variation		EMI	Insulator		Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Angle	Type		DWV (KV)	Material				
1 ROW										
1	350351	A	ST		2.50	NYL	Y	Contact Plating Au or Sn		29P17
2	350359	A	ST		2.50	NYL	Y	Contact Plating Au or Sn		29H11
3	P2,5	A	ST					1 Pin Per Pole, Wire Entry Parallel to P.C.B.		78P1
4	P2,5	B	ST					1 Pin Per Pole, Wire Entry 45 Degrees to P.C.B.		78P1
5	P2,5	C	ST					1 Pin Per Pole, Wire Entry Perpendicular to P.C.B.		78P1
6	8981	A	90		1.50	NYL		Mated With 70156 Wire To Board Connector		38P11
7	8981	B	ST		1.50	NYL		Mated With 70156 Wire To Board Connector		38P11
8	GTC		ST		1.50	PLYR		1,2,4,5,6 Contacts, 12oz INS, 0.5oz SEP		44R10
9	UPCC-M7		90	Brkt	1.00	DAP	Y	Qual to MIL-C-55302/35 and NAS-715, Staggered Terminations .156x.150in		112P1
10	CP10P		90	Stud	2.70	DAP		Stud Mounted to PCB	AEI01	1P06
11	CP10P		90	Stud	2.70	DAP		Stud Mounted to PCB	AEI01	1P06
12	KS				3.00	PLYM		2-6,8,9,10 Contacts, Galvanized Steel Screw, 4MM Sq Wire Size		63P1
13	STV2/10	A	ST	Fing	.300	PLYM		Wire Size 20-14 AWG		72P2
14	STV2/10	B	ST	Fing	.300	PLYM		Wire Size 22-12 AWG		72P2
15	STV4/10	A	90		.300	PLYM		Wire Size 20-14 AWG		
16	STV4/10	B	90		.600	PLYM		Wire Size 22-12 AWG		
17	STW2/10	A	90	Fing	.300	PLYM		Wire Size 20-14 AWG		72P2
18	STW2/10	B	90	Fing	.300	PLYM		Wire Size 22-12 AWG		72P2
19	UPCC-M11		90	Brkt	1.00	DAP	Y	Qual to MIL-C-55302/35 and NAS-715, Staggered Terminations .156x.150in		112P1
20	CP12P		ST	Guide	2.70	DAP		Polarizing Guide Mounted to PCB With Angle Brackets	AEI01	1P07
21	CP12P		ST	Guide	2.70	DAP		Polarizing Guide Mounted to PCB With Angle Brackets	AEI01	1P07
22	KS12/254	A		Guide	1.00	DAP		Brass or PBrz Contacts		62P13
23	KS12/254	C		Guide	1.00	DAP		Brass or PBrz Contacts		62P13
24	M80-878				.350	PLYR	Y	2,3,4,5,6,7,17 Contacts, Latched or Unlatched		25P3
25	M80-878				.350	PLYR	Y	2,3,4,5,6,7,17 Contacts, Latched or Unlatched		25P3
26	UPCC-M15		90	Brkt	1.00	DAP	Y	Qual to MIL-C-55302/35 and MAS-715, Staggered Terminations .156x.150in		112P1
27	SL	A			.300	PLYM		Wire Size 22-14 AWG		72P1
28	SL	B			.300	PLYM		Wire Size 22-14 AWG		72P1
29	SL	C			.300	PLYM		Wire Size 22-14 AWG		72P1
30	SL	D			.300	PLYM		Wire Size 22-14 AWG		72P1
31	KE SERIES	A	90	Thru	3.00	DAP		4,8,16 Contacts	HPT05	62P10
32	KE SERIES	C	90	Thru	3.00	DAP		4,8,16 Contacts	HPT05	62P10
33	M80-879				.350	PLYR	Y	2,3,4,5,6,7,17 Contacts, Latched or Unlatched		25P1
34	M80-879				.350	PLYR	Y	2,3,4,5,6,7,17 Contacts, Latched or Unlatched		25P1
35	M80-897				.350	PLYR	Y	Contact Plating Au or Sn, 2,3,4,5,6,7,17 Contacts		25R1
36	M80-897				.350	PLYR	Y	Contact Plating Au or Sn, 2,3,4,5,6,7,17 Contacts		25R1
37	UPCC-M19		90	Brkt	1.00	DAP	Y	Qual to MIL-C-55302/35 and NAS-715, Staggered Terminations .156X.150in		112P1
38	15139	A				PLYM		End to End Stackable		37R6
39	15139	B	90			PLYM		End to End Stackable		37R6
40	ML10P		ST	Fing	1.00	DAP	Y	Lead Termination Length 3.56,4.37 and 5.94mm	CCC09	20P11
41	67094				.750	PBT		2,3,4,.....20 Contacts		12P1
42	67095				.750	PBT		2,3,4,.....20 Contacts		12P1
43	P1,5	A	ST					2 Pins Per Pole		78P2
44	P1,5	B	ST					2 Pins Per Pole		78P2
45	KD SERIES	A	90	Thru	2.20	DAP		5,10,16,22 Contacts	HPT04	62P9
46	KD SERIES	C	90	Thru	2.20	DAP		5,10,16,22 Contacts	HPT04	62P9
47	UPCC-M23		90	Brkt	1.00	DAP	Y	Qual to MIL-C-55302/35 and NAS-715, Staggered Terminations .156x150in		112P1
48	MVSTBW	B	ST			PLYM		2 Thru 24 Contacts, "Bottom" Entry		
49	IMD-32					PLYR		32 Contacts Standard	SMI29	
50	UPCC-M32		90	Brkt	1.00	DAP	Y			112P1
51	229	F	ST	Fing		NYL	Y	2x1,3x1,4x1,3x2,3x4,4x6,9x4 Contact x Row Combinations		36R2
52	7010		ST	Stud		PLYR		12,20,36 Contacts	KAM24	46P6
53	M80-800				.350	PLYR	Y	Contact Plating Au or Sn, 5,10,15,20,25,30,40,50 Contacts		25P5
54	M80-800				.350	PLYR	Y	Contact Plating Au or Sn, 5,10,15,20,25,30,40,50 Contacts		25P5
55	M80-801				.350	PLYR	Y	Contact Plating Au or Sn, 5,10,15,20,25,30,40,50 Contacts		25P6
56	M80-801				.350	PLYR	Y	Contact Plating Au or Sn, 5,10,15,20,25,30,40,50 Contacts		25P6
2 ROWS										
57	350351	B	ST		2.50	NYL	Y	Contact Plating Au or Sn		29P17
58	350359	B	ST		2.50	NYL	Y	Contact Plating Au or Sn		29H12
59	DEP7P		90	Stud	1.00	DAP	Y	Contact Material PBrz or Bras, Stud Mounted to PCB	AEI01	1P02
60	DEP7P		90	Stud	1.00	DAP	Y	Contact Material PBrz or Bras, Stud Mounted to PCB	AEI01	1P02
61	DEP7PC		ST	Guide	1.00	DAP	Y	Contact Material PBrz or Bras, Polarizing Guide Mounted to PCB	AEI01	1P02
62	DEP7PC		ST	Guide	1.00	DAP	Y	Contact Material PBrz or Bras, Polarizing Guide Mounted to PCB	AEI01	1P02
63	EP7P	A	90	Stud	2.25	DAP	Y	Stud Mounted to PCB	AEI01	1P05a
64	EP7P	A	90	Stud	2.25	DAP	Y	Stud Mounted to PCB	AEI01	1P05a
65	EP7P	B	ST	Guide	2.25	DAP	Y	Polarizing Guide Mounted to Panel or PCB	AEI01	1P05a
66	EP7P	B	ST	Guide	2.25	DAP	Y	Polarizing Guide Mounted to Panel or PCB	AEI01	1P05a
67	M7	A		Thru	1.70			Conform to MIL-C-28748, Pin and Socket Inter with Plug and Recept Housin		0P1a
68	S-12857				1.20			Grid Spacing 3 Pins @ 3.5mm 1 Pin @ 5mm Down Row x 5mm Between Rows		17P1
69	SMM	B	ST		1.00	DAP	Y	4,5,7,9 Contacts, Term. Lengths 2.67,3.56,4.32,5.08,6.35,9.65 and 13.72mm	CCC15	0P4a
70	SMM4	A	ST		1.00	DAP	Y	4,5,7,9 Contacts, Termination Lengths 2.36,3.18 and 3.96mm	CCC15	20P16
71	M9	A		Thru	1.70			Conform to MIL-C-28748, Pin and Socket Inter with Plug and Recept Housin		0P1b
72	DEP11M	A	90	Inst	1.00	DAP	Y	Contact Material PBrz or Bras, Insert for Screw Mounting to PCB	AEI01	1P03
73	DEP11M	A	90	Inst	1.00	DAP	Y	Contact Material PBrz or Bras, Insert for Screw Mounting to PCB	AEI01	1P03
74	DEP11M	B	90	Stud	1.00	DAP	Y	Contact Material PBrz or Bras, Stud Mounted to PCB	AEI01	1P03
75	DEP11M	B	90	Stud	1.00	DAP	Y	Contact Material PBrz or Bras, Stud Mounted to PCB	AEI01	1P03
76	DEP11M	C	90	Rivt	1.00	DAP	Y	Contact Material PBrz or Bras, Rivet Mounted to PCB	AEI01	1P03
77	DEP11M	C	90	Rivt	1.00	DAP	Y	Contact Material PBrz or Bras, Rivet Mounted to PCB	AEI01	1P03
78	DEP11P	A	90	Stud	1.00	DAP	Y	Contact Material PBrz or Bras, Stud Mounted to PCB	AEI01	1P02a
79	DEP11P	A	90	Stud	1.00	DAP	Y	Contact Material PBrz or Bras, Stud Mounted to PCB	AEI01	1P02a
80	DEP11P	B	90	Rivt	1.00	DAP	Y	Contact Material PBrz or Bras, Rivet Mounted to PCB	AEI01	1P02a
81	DEP11P	B	90	Rivt	1.00	DAP	Y	Contact Material PBrz or Bras, Rivet Mounted to PCB	AEI01	1P02a
82	DEP11P	C	ST	Guide	1.00	DAP	Y	Contact Material PBrz or Bras, Polarizing Guide Mounted to Panel or PCB	AEI01	1P02a
83	DEP11P	C	ST	Guide	1.00	DAP	Y	Contact Material PBrz or Bras, Polarizing Guide Mounted to Panel or PCB	AEI01	1P02a
84	DEP11P	D	90	Stud	1.00	DAP	Y	Contact Material PBrz or Bras, Stud Mounted to PCB	AEI01	1P02a
85	DEP11P	D	90	Stud	1.00	DAP	Y	Contact Material PBrz or Bras, Stud Mounted to PCB	AEI01	1P02a

PLUGS, TWO-PIECE PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type	EMI	DWV (KV)	Material				
2 ROWS (Cont'd)											
1	UPCC-SGM11		90	Brkt		1.00	DAP	Y	Qual to MIL-C-55302/38		112P2
2	DEP15M	A	90	Inst		1.00	DAP	Y	Contact Material PBrz or Bras,Insert for Screw Mounting to PCB	AEI01	1P03a
3	DEP15M	A	90	Inst		1.00	DAP	Y	Contact Material PBrz or Bras,Insert for Screw Mounting to PCB	AEI01	1P03a
4	DEP15M	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras,Stud Mounted to PCB	AEI01	1P03a
5	DEP15M	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras,Stud Mounted to PCB	AEI01	1P03a
6	DEP15M	C	90	Rivt		1.00	DAP	Y	Contact Material PBrz or Bras,Rivet Mounted to PCB	AEI01	1P03a
7	DEP15M	C	90	Rivt		1.00	DAP	Y	Contact Material PBrz or Bras,Rivet Mounted to PCB	AEI01	1P03a
8	DEP15P	A	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras,Stud Mounted to PCB	AEI01	1P02b
9	DEP15P	A	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras,Stud Mounted to PCB	AEI01	1P02b
10	DEP15P	B	90	Rivt		1.00	DAP	Y	Contact Material PBrz or Bras,Rivet Mounted to PCB	AEI01	1P02b
11	DEP15P	B	90	Rivt		1.00	DAP	Y	Contact Material PBrz or Bras,Rivet Mounted to PCB	AEI01	1P02b
12	DEP15P	C	ST	Guide		1.00	DAP	Y	Contact Material PBrz or Bras,Polarizing Guide Mounted to Panel or PCB	AEI01	1P02b
13	DEP15P	C	ST	Guide		1.00	DAP	Y	Contact Material PBrz or Bras,Polarizing Guide Mounted to Panel or PCB	AEI01	1P02b
14	DEP15P	D	90	Rivt		1.00	DAP	Y	Contact Material PBrz or Bras,Rivet Mounted to PCB	AEI01	1P02b
15	DEP15P	D	90	Rivt		1.00	DAP	Y	Contact Material PBrz or Bras,Rivet Mounted to PCB	AEI01	1P02b
16	EP15P	A	90	Stud		2.25	DAP	Y	Stud Mounted to PCB	AEI01	1P05b
17	EP15P	A	90	Stud		2.25	DAP	Y	Stud Mounted to PCB	AEI01	1P05b
18	EP15P	B	ST	Guide		2.25	DAP	Y	Polarizing Guide Mounted to Panel or PCB	AEI01	1P05b
19	EP15P	B	ST	Guide		2.25	DAP	Y	Polarizing Guide Mounted to Panel or PCB	AEI01	1P05b
20	8129	B	ST	Othr		1.00	DAP	Y	Force 2-8oz Per Contact INS/SEP,6,9,10,12,15 Contact,See Mfr Key	ELO14	121P6
21	8129	D	90	Othr		1.00	DAP	Y	Force 2-8oz Per Contact INS/SEP,6,9,10,12,15 Contact,See Mfr Key	ELO14	121P6
22	8229	B	ST	Fing		1.00	DAP	Y	Force 2-8oz Per Contact INS/SEP,6,9,10,12,15 Contact,See Mfr Key	ELO15	121P7
23	8229	D	90	Fing		1.00	DAP	Y	Force 2-8oz Per Contact INS/SEP,6,9,10,12,15 Contact,See Mfr Key	ELO15	121P7
24	SMQ-5P		ST			.500	EPXY		5,9,15 Contacts		70P10
25	SMQ-5PC		ST			.500	EPXY		5,9,15 Contacts		112P2
26	UPCC-SGM17		90	Brkt		1.00	DAP	Y	Qual to MIL-C-55302/38		1P05c
27	EP19P	A	90	Stud		2.25	DAP	Y	Stud Mounted to PCB	AEI01	1P05c
28	EP19P	A	90	Stud		2.25	DAP	Y	Stud Mounted to PCB	AEI01	1P05c
29	EP19P	B	ST	Guide		2.25	DAP	Y	Polarizing Guide Mounted to Panel or PCB	AEI01	1P05c
30	EP19P	B	ST	Guide		2.25	DAP	Y	Polarizing Guide Mounted to Panel or PCB	AEI01	1P05c
31	DL20P		ST	Stud			DAP	Y	Mate With DL20S Socket,"Ball End" Contacts	AEI01	1P12
32	DL20P		ST	Stud			DAP	Y	Mate With DL20S Socket,"Ball End" Contacts	AEI01	1P12
33	11.00	A		Thru		1.30	PBT	Y	8,12,16,20,30 Contacts per DIN41622, Asymmetrical		0P13b
34	SMQ-9P		ST			.500	EPXY		With Receptacle Shell	AEI01	70P11
35	AE23P		90	Rivt		1.00	DAP	Y	Rivet Mounted to PC Board	AEI01	1P01
36	AP23P		90	Rivt		1.00	DAP	Y	Rivet Mounted To PCB	AEI01	1P01
37	AP23P		90	Rivt		1.00	DAP	Y	Rivet Mounted To PCB	AEI01	1P01
38	DEP23M	A	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras,Stud Mounted to PCB	AEI01	1P03b
39	DEP23M	A	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras,Stud Mounted to PCB	AEI01	1P03b
40	DEP23M	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras,Stud Mounted to PCB	AEI01	1P03b
41	DEP23M	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras,Stud Mounted to PCB	AEI01	1P03b
42	DEP23P	A	90	Rivt		1.00	DAP	Y	Contact Material PBrz Bras,Rivet Mounted to PCB	AEI01	1P02c
43	DEP23P	A	90	Rivt		1.00	DAP	Y	Contact Material PBrz Bras,Rivet Mounted to PCB	AEI01	1P02c
44	DEP23P	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras,Stud Mounted to PCB	AEI01	1P02c
45	DEP23P	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras,Stud Mounted to PCB	AEI01	1P02c
46	DEP23P	C	ST	Guide		1.00	DAP	Y	Contact Material PBrz or Bras,Polarizing Guide Mounted to Panel or PCB	AEI01	1P02c
47	DEP23P	C	ST	Guide		1.00	DAP	Y	Contact Material PBrz or Bras,Polarizing Guide Mounted to Panel or PCB	AEI01	1P02c
48	DEP23P	D	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras,Stud Mounted to PCB	AEI01	1P02c
49	DEP23P	D	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras,Stud Mounted to PCB	AEI01	1P02c
50	UPCC-SGM23		90	Brkt		1.00	DAP	Y	Qual to MIL-C-55302/38		112P2
51	CA-**-6218		ST			.500	PLYR		12,14,16,18,20,24,(24 Std.) Contacts,360 and 370 Compatible	CAC39	0P13a
52	EP25P	A	90	Stud		2.25	DAP	Y	Stud Mounted to PCB	AEI01	1P05d
53	EP25P	A	90	Stud		2.25	DAP	Y	Stud Mounted to PCB	AEI01	1P05d
54	EP25P	B	ST	Guide		2.25	DAP	Y	Polarizing Guide Mounted to Panel or PCB	AEI01	1P05d
55	EP25P	B	ST	Guide		2.25	DAP	Y	Polarizing Guide Mounted to Panel or PCB	AEI01	1P05d
56	10.98	A		Thru		1.00	PBT	Y	10,16,20,26 Contacts per DIN41618, Symmetrical		0P13b
57	11.03	A		Thru		1.00	PBT	Y	10,16,20,26 Contacts per DIN41618, Symmetrical		0P13b
58	P1,5/5		ST						2 Pins Per Pole		78P3
59	P6/7		ST						2 Pins Per Pole		78P3
60	UPCC-SGM29		90	Brkt		1.00	DAP	Y	Qual to MIL-C-55302/38		112P2
61	A13-S1	A	ST	Fing			PLCB	Y	Contact Plating Au or Sn,13,21,31 Contacts		79P2
62	A13-S1	B	90	Fing			PLCB	Y	Contact Plating Au or Sn,13,21,31 Contacts		79P2
63	140-101		ST	Fing			DAP	Y			645P1
64	IDMD-32						PLYR		32 Contacts Standard	SMI27	
65	PCP34P		90	Fing		1.00	DAP		Mounted By Flange to PCB Edge	AEI01	1P09a
66	PCP34P		90	Fing		1.00	DAP		Mounted By Flange to PCB Edge	AEI01	1P09a
67	M80-868					.350	PLYR	Y	4,6,8,10,12,14,16,18,20,26,34 Contacts,Latched or Unlatched		25P4
68	M80-868					.350	PLYR	Y	4,6,8,10,12,14,16,18,20,26,34 Contacts,Latched or Unlatched		25P4
69	M80-869					.350	PLYR	Y	4,6,8,10,12,14,16,18,20,26,34 Contacts,Latched or Unlatched		25P2
70	M80-869					.350	PLYR	Y	4,6,8,10,12,14,16,18,20,26,34 Contacts,Latched or Unlatched		25P2
71	UPCC-SGM35		90	Brkt		1.00	DAP	Y	Qual to MIL-C-55302/38		112P2
72	FCN785J		90	Fing		.500	PPS	Y	Force 480oz INS,25.6oz SEP, 24 & 36 Contacts		34P11
73	609 SERIES	H				.500	THPL		IEEE Standard Pending		68P9
74	DEP37M	A	90	Rivt		1.00	DAP	Y	Contact Material PBrz or Bras,Rivet Mounted to PCB	AEI01	1P03c
75	DEP37M	A	90	Rivt		1.00	DAP	Y	Contact Material PBrz or Bras,Rivet Mounted to PCB	AEI01	1P03c
76	DEP37M	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras,Stud Mounted to PCB	AEI01	1P03c
77	DEP37M	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras,Stud Mounted to PCB	AEI01	1P03c
78	DEP37M	C	90	Inst		1.00	DAP	Y	Contact Material PBrz or Bras,Insert for Screw Mounting to PCB	AEI01	1P03c
79	DEP37M	C	90	Inst		1.00	DAP	Y	Contact Material PBrz or Bras,Insert for Screw Mounting to PCB	AEI01	1P03c
80	DEP37P	A	90	Rivt		1.00	DAP	Y	Contact Material PBrz or Bras,Rivet Mounted to PCB	AEI01	1P02d
81	DEP37P	A	90	Rivt		1.00	DAP	Y	Contact Material PBrz or Bras,Rivet Mounted to PCB	AEI01	1P02d
82	DEP37P	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras,Stud Mounted to PCB	AEI01	1P02d
83	DEP37P	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras,Stud Mounted to PCB	AEI01	1P02d
84	DEP37P	C	ST	Guide		1.00	DAP	Y	Contact Material PBrz or Bras,Polarizing Guide Mounted to Panel or PCB	AEI01	1P02d
85	DEP37P	C	ST	Guide		1.00	DAP	Y	Contact Material PBrz or Bras,Polarizing Guide Mounted to Panel or PCB	AEI01	1P02d
86	DEP37P	D	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras,Stud Mounted to PCB	AEI01	1P02d
87	DEP37P	D	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras,Stud Mounted to PCB	AEI01	1P02d
88	145-5-7P	A	ST	Stud		3.60	DAP	Y	7,9,11,15,19,23,37 Contacts,Termination Length 3.8 and 5.1mm	CCC01	20P1

PLUGS, TWO-PIECE PRODUCT SELECTION

Line No.	Type Identification	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number	
		Variation	Angle	Type	EMI	DWV (KV)					Material
2 ROWS (Cont'd)											
1	145-5-7P	B	ST	Stud		3.60	DAP	Y	7,9,11,15,19,23,37 Contacts,Termination Length 2.16,3.81,4.83 and 5.59mm	CCC01	20P2
2	UPC2A	A	ST	Rivt		.500	DAP		17,23,28,41 Contacts	BDY24	0P6a
3	615-1-7P		ST	Rivt				Y	7,12,17,23,28,41 Contacts,In Conformance of MIL-C-55302/1,2,19, and /2		
4	140-138		ST	Fing			DAP	Y	Metal-to-Metal,Force 16oz In/2oz Out, 17,23,29,35,41,47 Contacts	EDAC03	64P2
5	421			Fing		2.00	DAP		Metal-to-Metal,Force 16oz In/2oz Out, 17,23,29,35,41,47 Contacts	EDAC09	26P03
6	423			Fing		2.00	DAP		Metal-to-Metal,Force 16oz In/2oz Out, 17,23,29,35,41,47 Contacts	EDAC03	26R12
7	7021		90	Fing		2.00	DAP	Y	Force 2-16oz Per Contact INS/SEP,17,23,29,35,41,47 Contacts,See Mfr Key	ELO09	121P3
8	7023		90	Fing		1.00	DAP	Y	Force 2-16oz Per Contact INS/SEP,17,23,29,35,41,47 Contact,See Mfr Key	ELO11	121P5
9	KC SERIES	A		Othr		1.00	DAP		29,35,41,47 Contacts	HPT02	62P8
10	KC SERIES	C		Othr		1.00	DAP		29,35,41,47 Contacts	HPT02	62P8
11	KS SERIES	A		Gide		1.00	DAP		Brass BeCu or PBrz Contacts, Stacking	HPT08	62P14
12	ASCM		ST	Fing		.500			14,24,36,50 Contacts, PCB Soldering Contacts Available	ASLH12	86P3
13	ASDP		ST	Fing		.500		Y	9,15,25,37,50 Contacts, 26 to 28 AWG Cable, Stranded or Solid	ASLH13	86P4
14	ASDSL		ST	Fing	X	1.00		Y	9,15,25,37,50 Contacts	ASLH15	0G01
15	ASDSSP		ST	Fing		.500		Y	9,15,25,37,50 Contacts	ASLH14	0G01
16	MM-22P	A	ST	Fing		1.00	DAP	Y	Termination Length 2.39,3.18,3.68,4.78,6.35,9.65,9.91 and 13.72mm	CCC02	0P4a
17	MM-22P	B	ST	Fing		1.00	DAP	Y	Termination Length 9.91mm	CCC02	0P4a
18	SMM	A	ST	Fing		1.00	DAP	Y	Termination Lengths 2.67,3.56,4.32,5.08,6.35,9.65 and 13.72mm	CCC15	0P4a
19	467-3						PLYR		10,20,26,34,40,50 Contacts		0H13d
20	467-9						PLYR		10,20,26,34,40,50 Contacts		0H12d
21	422					2.00	DAP		Metal-to-Metal,Force 16oz In/2oz Out, 17,23,29,35,41,47,51 Contacts	EDAC03	26P04
22	7000	B							Force 2-16oz Per Contact INS/SEP,2-51 Contacts,See Mfr Key for Options	ELO08	
23	7022					2.00	DAP		Force 2-16oz Per Contact INS/SEP,17,23,29,35,41,47,51 Contact,See Key	ELO10	121P4
24	PCPHA-56P		ST	Fing		1.00	DAP	Y	Double Row Alternating PCB Termination	AEI01	1P10
25	PCPHA-56P		ST	Fing		1.00	DAP	Y	Double Row Alternating PCB Termination	AEI01	1P10
26	PCP60P		90	Fing		1.00	DAP		Mounted By Flange to PCB Edge	AEI01	1P09b
27	PCP60P		90	Fing		1.00	DAP		Mounted By Flange to PCB Edge	AEI01	1P09b
28	8810	A	ST	Fing		.650	NYL		30,40,50,60 Contacts		46P9
29	8810	B	90	Fing		.650	NYL		30,40,50,60 Contacts		46P9
30	8811	A	ST	Fing		.650	NYL		30,40,50,60 Contacts,With Hook		46P9
31	8811	B	90	Fing		.650	NYL		30,40,50,60 Contacts,With Hook		46P9
32	8812	A	ST	Fing		.650	NYL		30,40,50,60 Contacts		46P10
33	8812	B	90	Fing		.650	NYL		30,40,50,60 Contacts		46P10
34	609 SERIES	M				.500	THPL		10,14,16,20,26,34,40,44,50,56,60 Contacts		68P10
35	VSP		ST			1.00	PBT		36,44,60 Bridge Positions		5P2
36	7000	A							Force 2-16oz Per Contact INS/SEP,1-63 Contacts,See Mfr Key for Options	ELO07	
37	552209		ST	Stnd					14,24,36,50,64 Contacts,Vertical Mount Contact		29P22
38	552215		ST	Stnd					14,24,36,50,64 Contacts,Vertical Mount Contact		29P23
39	552739		ST	Thru			THPL		14,24,36,50,64 Contacts,Standard or Reverse Orientation		29P27
40	553443		ST	Fing			THPL		14,24,36,50,64 Contacts		29R15
41	553444		ST	Fing			THPL		14,24,36,50,64 Contacts		0G03
42	KA SERIES	A		Othr		1.00	DAP		17,29,33,41,53,65 Brass or BeCu Contact, Plug/Receipt Mounting Guides	HPT01	62P1
43	KA SERIES	C		Othr		1.00	DAP		17,29,33,41,53,65 Brass or BeCu Contact, Plug/Receipt Mounting Guides	HPT01	62P1
44	MARP10P		ST	Fing		1.00	DAP	Y	10,14,20,24,26,30,36,40,44,50,54,56,60,66,70 Cnt.,Meet MIL-C-55302/57,/6	CCC09	20P5
45	MRP10P		ST	Fing		1.00	DAP	Y	10,14,20,24,26,30,36,40,44,50,54,56,60,66,70 Cnt.,Meet MIL-C-55302/57,/6	CCC09	20P5a
46	AEP72P		90	Rivt		1.00	DAP	Y	Rivet Mounted to PCB	AEI01	1P08
47	AEP72P		90	Rivt		1.00	DAP	Y	Rivet Mounted to PCB	AEI01	1P08
48	8219	B	90	Fing		1.00	DAP		Force 2-8oz Per Contact INS/SEP,18,30,36,42,54,72 Contacts,See Mfr Key	ELO01	121P1
49	8219	C	90	Fing		1.00	DAP		Force 2-8oz Per Contact INS/SEP,18,30,36,42,54,72 Contacts,See Mfr Key	ELO01	121P2
50	8221	B	90	Fing		1.00	DAP		Force 2-8oz Per Contact INS/SEP,18,30,36,42,54,72 Contacts,See Mfr Key	ELO02	121P1
51	8221	C	90	Fing		1.00	DAP		Force 2-8oz Per Contact INS/SEP,18,30,36,42,54,72 Contacts,See Mfr Key	ELO02	121P2
52	417	A		Inst		1.00	DAP	Y	Metal-to-Metal,Without Center Guide,Slidr Hole or PC Tail Contacts	EDAC03	26P01
53	417	C		Inst		1.00	DAP	Y	Metal-to-Metal,Without Center Guide,Slidr Hole or PC Tail Contacts	EDAC03	26P01
54	418	A		Inst		1.00	DAP	Y	Metal-to-Metal,Without Center Guide,Slidr Hole or PC Tail Contacts	EDAC03	26P02
55	LPST600-1	A	ST	Rivt				Y	3,17,25,33,41,77 Contacts,Low Profile		
56	ST600		ST	Rivt				Y	9,17,25,33,41,77 Contacts, In Conformance of MIL-c-55302/5		
57	600-1-9P		ST	Rivt				Y	9,17,25,33,41,77 Contacts,In Conformance of MIL-C-55302/4 and /6		
58	MAR14P		ST	Fing		1.00	DAP	Y	10,14,20,24,26,30,36,40,44,50,54,56,60,66,70,78 Cnts.,Meet MIL-C-55302/6	CCC09	20P9a
59	MA10P	A	ST	Fing		1.00	DAP	Y	10,14,20,24,26,30,36,40,44,50,54,56,60,66,70,78 Cnts.,Meet MIL-C-55302/5	CCC09	20P4
60	MA10P	B	ST	Fing		1.00	DAP	Y	10,14,20,24,26,30,36,40,44,50,54,56,60,66,70,78 Cnts.,Meet MIL-C-55302/5	CCC09	20P4
61	MR14P		ST	Fing		1.00	DAP	Y	10,14,24,26,30,36,40,44,50,54,56,60,66,70,78 Cnts.,Meet MIL-C-55302/63	CCC09	20P9
62	M10P	A	ST	Fing		1.00	DAP	Y	10,14,20,24,26,30,36,40,44,50,54,56,60,66,70,78 Cnts.,Meet MIL-C-55302/5	CCC09	20P3
63	M10P	B	ST	Fing		1.00	DAP	Y	10,14,20,24,26,30,36,40,44,50,54,56,60,66,70,78 Cnts.,Meet MIL-C-55302/5	CCC09	20P3
64	PCP80P		90	Fing		1.00	DAP		Mounted By Flange to PCB Edge	AEI01	1P09c
65	PCP80P		90	Fing		1.00	DAP		Mounted By Flange to PCB Edge	AEI01	1P09c
66	ML2F	A	ST	Fing		.600	NOR		40,80 Contacts	AEI01	0P14b
67	KSB4	A		Gide		1.00	PBT		Extraction Force 0.5oz to 3.0oz		62P18
68	8223	B	ST	Fing		1.00	DAP			ELO16	121P8
69	8223	D	ST	Fing		1.00	DAP			ELO16	121P8
70	KS SERIES	C		Gide		1.00	DAP		Brass, BeCu, or PBrz Contacts, Stacking	HPT08	62P14
71	838-SERIES	A				.170	PET		Conforms to BS9525 9525 N 00001, All Contacts Individually Removable	SOU04	66P6
72	BCHB2X								Up to 50 Dual Contact Positions, 100 Contacts	BDY28	44H1
73	D2MRA		90	Thru		1.00	PBT		20,32,44,50,64,100 Contacts, DIN 41612 Style	HEC04	71R20
74	D2MST		ST	Thru		1.00	PBT		20,32,44,50,64,100 Contacts, DIN 41612 Style	HEC04	71R22
75	LMP		ST	Thru		1.00	PBT		44,56,100 Contacts	HEC04	5P3
76	MARP90P		ST	Fing		1.00	DAP	Y	90,100,120 Contacts,Meets MIL-C-55302/59	CCC09	20P7
77	FCN21	A	ST	Fing		.500	PBT		30,34,40,50,60,62,80,92,100,120 Contacts	FCA02	34P13
78	FCN21	C	90	Fing		.500	PBT		30,34,40,50,60,62,80,92,100,120 Contacts	FCA02	34P13
79	PCPH-128P		90	Fing		1.00	DAP		Double Row Alternating PCB Termination	AEI01	1P10
80	PCPH-128P		90	Fing		1.00	DAP		Double Row Alternating PCB Termination	AEI01	1P10
81	ML2B	B		Fing		.600	THPL		20,40,60,70,80,100,130 Contacts	AEI01	0P14a
82	PCPH-140P		ST	Fing		1.00	DAP	Y	Double Row Alternating PCB Termination	AEI01	1P10
83	PCPH-140P		ST	Fing		1.00	DAP	Y	Double Row Alternating PCB Termination	AEI01	1P10
84	532429		ST	Thru			THPL	Y	60,70,80,100,110,140,150 Contacts,ACTION Pin Posts Available		29P7
85	533515		ST	Fing			PPS	Y	20,30,40,50,60,70,80,90,100,110,120,130,140,150 Contacts		29P16
86	417	B		Inst		1.00	DAP	Y	Metal-to-Metal,Avail w/Center Guide,Slidr Hole or PC Tail Contacts	EDAC03	26P01
87	417	D		Inst		1.00	DAP	Y	Metal-to-Metal,Avail w/Center Guide,Slidr Hole or PC Tail Contacts	EDAC03	26P01
88	418	B		Inst		1.00	DAP	Y	Metal-to-Metal,Avail w/Center Guide,Slidr Hole or PC Tail Contacts	EDAC03	26P02

PLUGS, TWO-PIECE PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type	EMI	DWV (KV)	Material				
2 ROWS (Cont'd)											
1	MARP160P		ST	Fling		1.00	DAP	Y	Meets MIL-C-55302/138	CCC09	20P8
2	PC10P		ST			.750	THPL		10,12,14,16...120,140,200 Contacts		24P6
3	PCPHE-224P		ST	Fling		1.00	DAP	Y	Double Row Alternating PCB Termination	AEI01	1P10
4	PCPHE-224P		ST	Fling		1.00	DAP	Y	Double Row Alternating PCB Termination	AEI01	1P10
5	PCPHJ-224P		ST	Fling		1.00	DAP	Y	Double Row Alternating PCB Termination	AEI01	1P10
6	PCPHJ-224P		ST	Fling		1.00	DAP	Y	Double Row Alternating PCB Termination	AEI01	1P10
7	PCPHE-256P		ST	Fling		1.00	DAP	Y	Double Row Alternating PCB Termination	AEI01	1P10
8	PCPHE-256P		ST	Fling		1.00	DAP	Y	Double Row Alternating PCB Termination	AEI01	1P10
9	PCPH-280P		ST	Fling		1.00	DAP	Y	Double Row Alternating PCB Termination	AEI01	1P10
10	PCPH-280P		ST	Fling		1.00	DAP	Y	Double Row Alternating PCB Termination	AEI01	1P10
11	PCPHA-280P		ST	Fling		1.00	DAP	Y	Double Row Alternating PCB Termination	AEI01	1P10
12	PCPHA-280P		ST	Fling		1.00	DAP	Y	Double Row Alternating PCB Termination	AEI01	1P10
13	PCPHC-320P		ST	Fling		1.00	DAP	Y	Double Row Alternating PCB Termination	AEI01	1O10
14	PCPHC-320P		ST	Fling		1.00	DAP	Y	Double Row Alternating PCB Termination	AEI01	1O10
3 ROWS											
15	M14	A	ST	Thru		1.70	NYL	Y	Conform to MIL-C-28748, Pin and Socket Inter with Plug and Recept Housin		OP1c
16	350261	A	ST			2.50	NYL	Y	Contact Plating Au or Sn		29H13
17	350351	C	ST			2.50	NYL	Y	Contact Plating Au or Sn		29P17
18	M20	A	Thru			1.70			Conform to MIL-C-28748, Pin and Socket Inter with Plug and Recept Housin		OP1d
19	KS21	A	Thru	Guide		1.00	DAP		Brass or BeCu Contacts, Low Profile		62P16
20	M26	A	Thru			1.70			Conform to MIL-C-28748, Pin and Socket Inter with Plug and Recept Housin		OP1e
21	SMM	C	ST			1.00	DAP	Y	11,14,20,26,29 Cnts.,Term. Lengths 2.67,3.56,4.32,5.08,6.35,9.65,13.72mm	CCC15	OP4a
22	1800-18L		ST	Stud		1.00	DAP	Y	Contacts Bent to The Left	CCC02	OP2a
23	1800-18R		ST	Stud		1.00	DAP	Y	Contacts Bent to The Right	CCC02	OP2a
24	11.00	B	Thru			1.30	PBT	Y	Contacts per DIN41622 Asymmetrical		OP13b
25	JE16P		ST				PLYR			MNE10	87P5
26	DEP36M		90	Inst		1.00	DAP	Y	Insert for Screw Mounting to PCB	AEI01	1P04
27	DEP36M		90	Inst		1.00	DAP	Y	Insert for Screw Mounting to PCB	AEI01	1P04
28	25-36P		ST	Fling		3.50	DAP	Y	Optional Mounting and Hood/Shell Styles		20P13
29	10.98	B	Thru			1.00	PBT	Y	Contacts per DIN41618, Symmetrical		OP13b
30	11.03	B	Thru			1.00	PBT	Y	Contacts per DIN41618, Symmetrical		OP13b
31	SMM4	B	ST			1.00	DAP	Y	11,14,20,26,29,44 Contacts, Termination Lengths 2.36,3.18 and 3.96mm	CCC15	20P17
32	DEP45P	A	90	Rivt		1.00	DAP	Y	Rivet Mounted to PCB	AEI01	1R05
33	DEP45P	A	90	Rivt		1.00	DAP	Y	Rivet Mounted to PCB	AEI01	1R05
34	DEP45P	B	90	Stud		1.00	DAP	Y	Stud Mounted to PCB	AEI01	1P05
35	DEP45P	B	90	Stud		1.00	DAP	Y	Stud Mounted to PCB	AEI01	1P05
36	DEP45P	C	ST	Guide		1.00	DAP	Y	Polarizing Guide Pin Mounted to Panel or PCB	AEI01	1P05
37	DEP45P	C	ST	Guide		1.00	DAP	Y	Polarizing Guide Pin Mounted to Panel or PCB	AEI01	1P05
38	DEP45P	D	90	Inst		1.00	DAP	Y	Insert for Screw Mounting to PCB	AEI01	1P05
39	DEP45P	D	90	Inst		1.00	DAP	Y	Insert for Screw Mounting to PCB	AEI01	1P05
40	LP50P	A	ST	Guide		1.00	DAP	Y	Contact Material PBrz or Bras,Polarizing Guide Mounted to Panel or PCB	AEI01	1P02e
41	LP50P	A	ST	Guide		1.00	DAP	Y	Contact Material PBrz or Bras,Polarizing Guide Mounted to Panel or PCB	AEI01	1P02e
42	LP50P	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras, Polarizing Guide Mounted to Panel or PCB	AEI01	1P02e
43	LP50P	B	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras, Polarizing Guide Mounted to Panel or PCB	AEI01	1P02e
44	LP50P	C	90	Rivt		1.00	DAP	Y	Contact Material PBrz or Bras,Rivet Mounted to PCB	AEI01	1P02e
45	LP50P	C	90	Rivt		1.00	DAP	Y	Contact Material PBrz or Bras,Rivet Mounted to PCB	AEI01	1P02e
46	LP50P	D	ST	Ctsk		1.00	DAP	Y	Contact Material PBrz or Bras,Countersink Thru-Hole for Mounting to PCB	AEI01	1P02e
47	LP50P	D	ST	Ctsk		1.00	DAP	Y	Contact Material PBrz or Bras,Countersink Thru-Hole for Mounting to PCB	AEI01	1P02e
48	LP50P	E	ST	Guide		1.00	DAP	Y	Contact Material PBrz or Bras,Polarizing Guide Mounted to Panel or PCB	AEI01	1P02e
49	LP50P	E	ST	Guide		1.00	DAP	Y	Contact Material PBrz or Bras,Polarizing Guide Mounted to Panel or PCB	AEI01	1P02e
50	LP50P	F	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras,Stud Mounted to PCB	AEI01	1P02e
51	LP50P	F	90	Stud		1.00	DAP	Y	Contact Material PBrz or Bras,Stud Mounted to PCB	AEI01	1P02e
52	LP50P	G	90	Rivt		1.00	DAP	Y	Contact Material PBrz or Bras,Rivet Mounted to PCB	AEI01	1P02e
53	LP50P	G	90	Rivt		1.00	DAP	Y	Contact Material PBrz or Bras,Rivet Mounted to PCB	AEI01	1P02e
54	LP50P	H	ST	Ctsk		1.00	DAP	Y	Contact Material PBrz or Bras,Countersink Thru-Hole for Mounting to PCB	AEI01	1P02e
55	LP50P	H	ST	Ctsk		1.00	DAP	Y	Contact Material PBrz or Bras,Countersink Thru-Hole for Mounting to PCB	AEI01	1P02e
56	MM-22P	C	ST	Fling		1.00	DAP	Y	Termination Length 9.91mm	CCC02	OP4a
57	P-1324		ST	Thru		1.00	PLCB	Y	/24,28,34,45,60 Contacts	HRS02	70F8
58	P-1608		ST	Thru		1.00	DAP	Y	Contact Plating Au or Ag,For Grid Spacing/No.of Contacts,See Drawing	HRS01	70P1
59	PD-1608		ST	Thru		1.00	DAP	Y	Contact Plating Au or Ag,For Grid Spacing/No. of Contacts,See Drawing	HRS01	70P3
60	POR-1634		ST	Thru		1.00	DAP	Y	Contact Plating Au or Ag,For Grid Spacing/No. of Contacts,See Drawing	HRS01	70P6
61	PR-1620		ST	Thru		1.00	DAP	Y	Contact Plating Au or Ag,For Grid Spacing/No.of Contacts,See Drawing	HRS01	70P4
62	PR-1628		ST	Thru		1.00	DAP	Y	Contact Plating Au or Ag,For Grid Spacing/No. of Contacts,See Drawing	HRS01	70P5
63	PR-1660		ST	Thru		1.00	DAP	Y	Contact Plating Au or Ag,For Grid Spacing/No. of Contacts,See Drawing	HRS01	70P7
64	PW-1608		ST	Thru		1.00	DAP	Y	Contact Plating Au or Ag,For Grid Spacing/No. of Contacts,See Drawing	HRS01	70P2
65	UPC3B	A	ST	Rivt		.500	DAP	Y	13,25,37,49,61 Contacts	HRS01	OP12a
66	KA SERIES	M		Oth		1.00	DAP		Brass or BeCu Contacts, Plug or Receptacle Mounting Guides	HPT01	62P3
67	KA SERIES	O		Oth		1.00	DAP		Brass or BeCu Contacts, Plug or Receptacle Mounting Guides	HPT01	62P3
68	UPC3B	F	ST	Rivt		.500	DAP	Y	92 Contacts		OP5a
69	610-1-13P		ST	Rivt				Y	13,25,37,49,61,92 Contacts,In Conformance of MIL-C-55302/7./8./21 and /2		29P15
70	532438		ST	Fling			PPS	Y	Eurocard Footprint,Not Intermateable,Term Lngth 18.62,13.54,6.35,4.83mm		29P14
71	533527		ST	Fling			PPS	Y	Eurocard Footprint,Not Intermateable,Terminal Length 4.57 and 3.05mm		29P15
72	D3MRA		90	Thru		1.00	PBT		48,64,96 Contacts, DIN 41612 Style	HEC04	71P7
73	D3MST		90	Thru		1.00	PBT		48,64,96 Contacts, DIN 41612 Style	HEC04	71P8
74	KA SERIES	E		Oth		1.00	DAP		Brass or BeCu Contacts, Plug or Receptacle Mounting Guides	HPT01	62P2
75	KA SERIES	G		Oth		1.00	DAP		Brass or BeCu Contacts, Plug or Receptacle Mounting Guides	HPT01	62P2
76	13P SERIES		ST	Fling			DAP	Y	W Series Connector		11P5
77	NORDIC Series	A	ST	Guide		.650	DAP	Y	I/O Connector		5P1
78	KA SERIES	I		Oth		1.00	DAP		72,84,96,120,126 Brass or BeCu Contacts,Plug or Receptacle Mounting Guide	HPT01	62P4
79	KA SERIES	K		Oth		1.00	DAP		72,84,96,120,126 Brass or BeCu Contacts,Plug or Receptacle Mounting Guide	HPT01	62P4
80	KA SERIES	Q		Oth		1.00	DAP		Brass or BeCu Contacts, Plug or Receptacle Mounting Guides	HPT01	62P5
81	KA SERIES	S		Oth		1.00	DAP		Brass or BeCu Contacts, Plug or Receptacle Mounting Guides	HPT01	62P5
82	KA160.4	A		Oth		1.00	DAP		Brass or BeCu Contacts, Receptacle Mounting Guides	HPT01	62P6
83	KH SERIES	A		Oth		1.00	DAP		Meets Requirements of MIL-C-55302/160A, Brass or BeCu Contacts	HPT07	62P12
84	KS164			Guide		1.00	DAP		Extraction Force 0.5oz to 3.0oz		62P19
85	532432		ST	Thru			THPL	Y	96,120,165,210,225 Contacts,ACTION Pin Posts Available		29P4

PLUGS, HEADER PRODUCT SELECTION

Line No.	Type Identification	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Variation	Angle	Type	EMI	DWV (KV)				
1 ROW, PITCH .100" (2.54mm)										
1	125			ST				Contact Plating Au or Sn, Can Make Any Size		0H1a
2	127			ST				Contact Plating Au or Sn, Can Make Any Size		0H2av 17H29
3	W-P69									
4	929805					PLYR		Solder Tail Length Options .110 or .125in, Low Profile	APT03	93H11
5	929805					PLYR		Solder Tail Length Options .110 or .125in, Low Profile	APT03	93H11
6	41	J				NYL	Y	2,4,6,8,10 Pin Locking Polarizing Head, Pin Length 0.56 in or D.94 in		116H2
7	473-52					PLYR		Unshrouded		0H1d
8	473-53					PLYR		Shrouded		0H2c
9	473-54					PLYR		Unshrouded		
10	473-55					PLYR		Shrouded		
11	10018-37									83H9
12	2600	A		ST				Detent Latching		
13	2600	B		ST				Detent Latching		
14	FH	B					Y	Locking Type		17H2
15	LP	B					Y	Locking Type		17H18
16	LP	C					Y	Locking Type		17H19
17	SP	C					Y	Locking Type		17H6
18	SP	C					Y	Locking Type		17H7
19	PB	B					Y	PCB Locking Latched, Board to Board Connector		17H23
20	102943			ST		THPL		Contact Plating Au or Sn, Breakaway-Unshrouded		0H1ac
21	102945			ST		THPL		Contact Plating Au or Sn, Unshrouded		0H2am
22	103327			ST		THPL		Contact Plating Au or Sn, Breakaway-Unshrouded		0H1ad
23	103329			ST		THPL		Contact Plating Au or Sn, Breakaway-Unshrouded		0H2an
24	485952			ST	Fing	THPL		Contact Plating Au or Sn, 7,9,12,14,16,18,20 Contacts, With/Wout Mount Ear		29P33
25	87220			ST		THPL		Contact Plating Au or Sn, Unshrouded		0H1ab
26	87232			ST		THPL		Contact Plating Au or Sn, Unshrouded		0H2al
27	ASR2			ST		PLYR		Contact Plating Au or Sn, Unshrouded		79H20
28	AW110			ST		PLYR				79H16
29	AW118			ST		PLYR				79H17
30	331					PLYR		Snap Pin, 1-20	CTL01	0H1y
31	332					PLYR		Snap Pin, 1-20	CTL01	0H1y
32	475	A				PLYR		Au or Sn Plating	CTL01	91H5
33	475	B				PLYR		Au or Sn Plating	CTL01	91H5a
34	476	A				PLYR		Au or Sn Plating	CTL01	91H6
35	476	B				PLYR		Au or Sn Plating	CTL01	91H6a
36	41	G				PBT		Wire Wrap Snap Apart Adaptor, 1000Meg ohm Insulation Resistance		0H1i
37	2110	A		ST				Contact Plating Au or Sn		
38	2110	B		ST				Contact Plating Au or Sn		
39	2501P					NYL		Force 7oz INS, 2oz SEP, 2,3,4,...-20 Contacts, Stackable		56P7
40	2502P					NYL		Force 7oz INS, 2oz SEP, 2,3,4,...-20 Contacts, Stackable		56P8
41	2506P					NYL		Force 7oz INS, 2oz SEP, 2,3,4,...-20 Contacts, Stackable		0H1aj
42	2507P					NYL		Force 7oz INS, 2oz SEP, 2,3,4,...-20 Contacts, Stackable		0H2at
43	189-140			90		DAP		20 Contacts, Available With Heat Sink		64P5
44	HLT-120					PLYR		Snap Strip, 1-20 Rows, 1-20 Pins per Row	SMI08	
45	WD11P			ST		DAP			WCH41	14P18
46	640452			ST		THPL		2-10,12,14,15,16,20,24 Contacts		0H1ae
47	640453			ST		THPL		2-10,12,14,15,16,20,24 Contacts		0H2ao
48	640454			ST		THPL	Y	2-10,12,14,15,16,20,24 Contacts		0H5a
49	640455			ST		THPL	Y	2-10,12,14,15,16,20,24 Contacts		0H6a
50	640456			ST		THPL		2-10,12,14,15,16,20,24 Contacts, Friction Lock Assembly		0H5a
51	640457			ST		THPL		2-10,12,14,15,16,20,24 Contacts, Friction Lock Assembly		0H6a
52	927100					NYL	Y	.025in Square Post, Solder Tail Length .138in	APT05	93H13
53	927110					NYL	Y	.025in Square Posts, Solder Tail Length .138in	APT05	93H14
54	0600							1-25 Pins, 10u Au or 100u Sn Plating, Breakaway Style, Forked Contact		0H1u
55	16444							Contact Plating Au or Sn		8H1
56	16468							Contact Plating Au or Sn		8H1
57	26200							Contact Plating Au or Sn		8H2
58	26207							Contact Plating Au or Sn		8H2
59	H100	A						2,3,4,...-28 Contacts		10P3
60	H100	B						2,3,4,...-28 Contacts		10P4
61	929400					PLYR		Contact Length .295in, Tail Post Length Optional	APT01	93H03
62	929400					PLYR		Contact Length .295in	APT01	93H3
63	929401					PLYR	Y	Contact Length .295in, 2nd Circuit Void	APT01	93H3
64	929401					PLYR	Y	Contact Length .295in, 2nd Circuit Void	APT01	93H03
65	929450					PLYR		Contact Length .295in, Tail Post Length Optional	APT01	93H03
66	929450					PLYR		Contact Length .295in	APT01	93H3
67	929451					PLYR	Y	Contact Length .295in, 2nd Circuit Void	APT01	93H3
68	929451					PLYR	Y	Contact Length .295in, 2nd Circuit Void	APT01	93H03
69	929500					PLYR		Contact Length .295in, Tail Post Length Optional	APT01	93H04
70	929500					PLYR		Contact Length .295in, Tail Post Length Optional	APT01	93H04
71	929500					PLYR		Contact Length .295in	APT01	93H4
72	929501					PLYR	Y	Contact Length .295in, 2nd Circuit Void	APT01	93H4
73	929501					PLYR	Y	Contact Length .295in, 2nd Circuit Void	APT01	93H04
74	929550					PLYR		Contact Length .295in	APT01	93H4
75	929551					PLYR	Y	Contact Length .295in, 2nd Circuit Void	APT01	93H4
76	929551					PLYR	Y	Contact Length .295in, 2nd Circuit Void	APT01	93H04
77	511-020					PLYM		Unprotected Pin Strips, Single		0H1x
78	511-280					PLYM		Unprotected Pin Strips, Single		0H2aj
79	D01-992					PLYR		Contact Plating Au or Sn		25P7
80	D01-992					PLYR		Contact Plating Au or Sn		25P7
81	D01-999					PLYR		Contact Plating Au or Sn		25P8
82	D01-999					PLYR		Contact Plating Au or Sn		25P8
83	BBL-132					PLYR		Snap Strip, Terminal Strip 1.27mm Thick	SMI06	
84	BBS-132					PLYR		SDnap Strip, Terminal Strip 2.54mm Thick	SMI06	
85	BHS-132					PLYR		Snap Strip, Terminal Strip 2.54mm Thick	SMI06	
86	HTS-132	A				PLYR		Snap Strip, 20,32 Contacts Standard	SMI04	0H1v
87	HTS-132	B				PLYR		Snap Strip, 20,32 Contacts Standard	SMI04	0H2ag
88	STS-132	A				PLYR	Y	20 and 32 Contacts Standard	SMI02	

PLUGS, HEADER PRODUCT SELECTION

Line No.	Type Identification	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Variation	Angle	Type	EMI	DWV (KV)				
1 ROW, PITCH .100" (2.54mm) (Cont'd)										
1	TS-132	A						Snap Strip, 20,25,32 Contacts Standard	SMI02	0H1g
2	TS-132	B						Snap Strip, 20,25,32 Contacts Standard	SMI02	0H2f
3	842-800	A				.500		.100,.200,.300 Pin Lengths		0H1aa
4	842-801	A				.500		.100,.200,.300 Pin Lengths, 10,14,16,20,26,34,40,50,60,72 Contacts		0H3w
5	102202		ST					Straight Posts with Standoffs,Shrouded		0H19a
6	102203		ST					Contact Plating Au or Sn,Shrouded		0H11a
7	929647							Contact Length .235in,Tail Post Length Optional	APT01	93H01a
8	929647							Contact Length .235in, Tail Post Length Optional	APT01	93H1a
9	929648							Contact Length .235, Tail Post Length Optional	APT01	93H2a
10	929648							Contact Length .235in,Tail Post Length Optional	APT01	93H02a
11	929700							Contact Length .318,Tail Post Length Optional	APT01	93H05a
12	929700							Contact Length .318in, Tail Post Length Optional	APT01	93H5a
13	929705							Contact Length .318in, Tail Post Length Optional	APT01	93H5a
14	929705							Contact Length .318in,Tail Post Length Optional	APT01	93H05a
15	929730							Contact Length .318in,Tail Post Length Optional	APT01	93H06
16	929730							Contact Length .318in, Tail Post Length Optional	APT01	93H6
17	929735							Contact Length .318in, Tail Post Length Optional	APT01	93H6
18	929735							Contact Length .318in,Tail Post Length Optional	APT01	93H06
19	929800							Solder Tail Length Options .110 or .125in Low Profile	APT03	93H11
20	929800							Solder Tail Length Options .110 or .125in, Low Profile	APT03	93H11
21	929834							Contact Length .235in, Tail Post Length Optional	APT01	93H1a
22	929834							Contact Length .235in,Tail Post Length Optional	APT01	93H01a
23	929835							Contact Length .235in,Tail Post Length Optional	APT01	93H02a
24	929835							Contact Length .235in, Tail Post Length Optional	APT01	93H2a
25	ASSRS		ST			.500		Contact Length 11.4,14.2,16,17.8,20 and 28mm,Single Row Straight Contact	ASLH9	86H6
26	AW130		ST			1.00	PLYR			79H14
27	AW130A		ST			1.00	PLYR			79H15
28	10000						PLYR			83H1
29	10001						PLYR			83H1
30	10002						PLYR			83H1
31	10004						PLYR			83H1
32	10005						PLYR			83H1
33	10009						PLYR			83H1
34	10010						PLYR			83H1
35	10011						PLYR			83H1
36	10012						PLYR			83H1
37	10013						PLYR			83H1
38	10014						PLYR			83H1
39	10018						PLYR			83H10
40	10019						PLYR			83H10a
41	10020						PLYR			83H10b
42	10021						PLYR			83H10
43	10027						PLYR			83H10c
44	10030						PLYR			83H10c
45	11000						PLYR			83H2
46	11001						PLYR			83H2
47	11002						PLYR			83H2
48	11003						PLYR			83H2
49	11004						PLYR			83H2
50	11005						PLYR			83H2
51	11009						PLYR			83H2
52	11010						PLYR			83H2
53	11011						PLYR			83H2
54	11012						PLYR			83H2
55	11013						PLYR			83H2
56	11014						PLYR			83H2
57	19000						PLYR			83H10d
58	CA-S**	A	ST			.500	NYL	Contact Plating Au or Sn	CAC12	0H1b
59	CA-S**R	A	ST			.500	NYL	Contact Plating Au or Sn	CAC13	0H2b
60	FCN720	G				.500	PBT	8,10,12,14,...60 Contacts		0H1ar
61	FCN720	H				.500	PBT	8,10,12,14,...60 Contacts		0H2ba
62	BRP200S					2.40	PLYR	80 oz Force Pin Retention in or Out,.025 in Square Posts .230 in Long	GAR02	0H1f
63	BRP300S					2.40	PLYR	80 oz Force Pin Retention in or Out,.025 in Square Posts .230 Long	GAR02	0H2e
64	M20-961						PLYR	Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts		0H9a
65	M20-961						PLYR	Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts		0H9a
66	M20-996						PLYR	Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts		0H2a
67	M20-996						PLYR	Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts		0H2a
68	M20-999						PLYR	Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts		0H1a
69	M20-999						PLYR	Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts		0H1a
70	2100	A	ST					Contact Plating Au or Sn		
71	2100	B	ST					Contact Plating Au or Sn		
72	RCVH-1	A				1.00	THPL	5,7,8,10,13,17,20,25,30,32,36 Contacts, .102,.165,.610in Tail Length		0H1ah
73	RCVH-1	B				1.00	THPL	5,7,8,10,13,17,20,25,30,32,36 Contacts, .102,.165,.610in Tail Length		0H2ar
74	M100	A					PBT	Sn or Au Plating	PAN03	10P1
75	M100	B					PBT	2,3,4,...36 Contacts, Sn or Au Plating	PAN03	10P2
76	NSH	A					PLYR	1,2,3,...36 Contacts, See Mfr Number Key for Options	RNI04	0H1at
77	NSH	B					PLYR	1,2,3,...36 Contacts, See Mfr Number Key for Options	RNI04	0H2bc
78	334-55					1.00	PLYR			
79	472-92					1.00	PLYR			
80	472-93					1.00	PLYR			
81	472-94					1.00	PLYR			
82	472-95					1.00	PLYR			
83	472-96					1.00	PLYR			
84	472-97					1.00	PLYR			
85	472-98					1.00	PLYR			
86	DW-36	A					PLYR	36 Contacts Standard, 2.79mm Tail	SMI18	
87	EW-36	A					PLYR	36 Contacts Standard, 8.38mm Tail	SMI18	
88	LBS-136	A					PLYR	36 Contacts Standard	SMI28	

PLUGS, HEADER PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type	EMI	DWV (KV)	Material				
1 ROW, PITCH .100" (2.54mm) (Cont'd)											
1	LCW-136	A					PLYR		36 Contacts Standard, Friction Lock	SMI20	
2	LCW-136	B	90				PLYR		36 Contacts Standard, Friction Lock	SMI20	
3	MTSW	A					PLYR		36 Contacts Standard, 5oz INS and SEP	SMI17	
4	MTSW	B	90				PLYR		36 Contacts Standard, 5oz INS and SEP	SMI17	
5	TMH-136	A		Glwg			PLYR	Y	36 Contacts Standard	SMI15	
6	TMH-136	B		Prll			PLYR	Y	36 Contacts Standard	SMI15	
7	TSW-136	A					PLYR	Y	36 Contacts Standard	SMI13	
8	TSW-136	B					PLYR	Y	36 Contacts Standard	SMI13	
9	ZW-36	A					PLYR		36 Contacts Standard, 4.06mm Tail	SMI18	
10	PXC36SAAN						PBT		.025in Sq Post, 30 Microinch Au on Contact, 100 Microinch Sn on Tail		0H1z
11	PXC36SBAN						PBT		.025in Sq Post, 30 Microinch Au on Contact, 100 Microinch Sn on Tail		0H2ak
12	PZC36SAAN						PBT		.025in Sq Post, 10 Microinch Au on Contact, 100 Microinch Sn on Tail		0H1z
13	PZC36SBAN						PBT		.025in Sq Post, 10 Microinch Au on Contact, 100 Microinch Sn on Tail		0H2ak
14	901-1						THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H1j
15	901-3		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2g
16	901-5		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2t
17	902-1						THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H1k
18	902-3		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2h
19	902-5		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2u
20	903-1						THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H1l
21	903-3		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2i
22	903-5		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2v
23	904-1						THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H1m
24	904-3		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2j
25	904-5		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2w
26	905-1						THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H1n
27	905-3		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2k
28	905-5		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2x
29	906-1						THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H1o
30	906-3		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2l
31	906-5		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2y
32	907-1						THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H1p
33	907-3		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2m
34	907-5		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2z
35	908-1						THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H1q
36	908-3		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2n
37	908-5		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2aa
38	909-1						THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H1r
39	909-3		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2o
40	909-5		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2ab
41	910-1						THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H1s
42	910-3		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2p
43	910-5		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2ac
44	911-1						THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H1t
45	911-3		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2q
46	911-5		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2ad
47	912-3		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2r
48	912-5		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2ae
49	913-3		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2s
50	913-5		90				THPL		1-40 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H2af
51	471	A				.500	PLYR		Snap Pin 1-40, Au or Sn Plating	CTL01	0H1v
52	471	B				.500	PLYR		Snap Pin, 1-40, Au or Sn Plating	CTL01	0H1w
53	472	A				.500	PLYR		Snap Pin, 1-40, Au or Sn Plating	CTL01	0H2ah
54	472	B				.500	PLYR		Snap Pin, 1-40, Au or Sn Plating	CTL01	0H2ai
55	4166	A	90			.500	PLYM		10,14,16,20,26,34,40 Contacts, Plating Au over Ni or Sn over Lead	HTC3	0G01
56	4166	B				.500	PLYM		10,14,16,20,26,34,40 Contacts, Plating Au over Ni or Sn over Lead	HTC3	0G01
57	2546P						PLYR		See Dwg for Number of Contacts, Sn or Au Plating	LEOC07	0H1ai
58	2547P						PLYR		See Dwg for Number of Contacts, Sn or Au Plating	LEOC08	0H2as
59	910	A				.250	PLYR		Force 10oz INS, 2oz SEP, 2,3,4,...-40 Contacts, See Mfr Number Key	MEI08	0H1ap
60	910	B				.250	PLYR		Force 10oz INS, 2oz SEP, 2,3,4,...-40 Contacts, See Mfr Number Key	MEI08	0H2az
61	9100	A		Glwg			PLYR		2,3,4,...-40 Contacts		64H4
62	PLS01R						PBT		01 Thru 40 Contacts, Pin Length 7.0mm, Contact Plating, Au or Sn	SCEC06	0H2d
63	PLS01S						PBT		01 Thru 40 Contacts, Pin Length 7.0mm, Contact Plating, Au or Sn	SCEC06	0H1e
64	UFP-A	A				1.00	PBT		1 Thru 40 Contacts		97H5
65	UFP-A	B				1.00	PBT		1 Thru 40 Contacts		97H6
66	CSU011		ST				NYL		Sep. .54oz., Pin Strip, Fracture Points at Each Pin		31H9
67	CSU012		ST				NYL		Sep. .54oz., Pin Strip, Fracture Points at Each Pin		31H11
68	CSU013		ST				NYL		Sep. .54oz., Double Insulator Pin Strip, Fracture Points at Each Pin		31H13
69	CSU111		ST				NYL		Sep. .54oz., Pin Strip, Fracture Points at Each Pin		31H9
70	CSU112		ST				NYL		Sep. .54oz., Pin Strip, Fracture Points at Each Pin		31H11
71	CSU113		ST				NYL		Sep. .54oz., Double Insulator Pin Strip, Fracture Points at Each Pin		31H13
72	L2360					1.00	NOR		12.4mm Pins, Single Row		50H2
73	L2360					1.00	NOR		12.4mm Pins, Single Row		50H2
74	L2368A					1.00	NOR		12.4mm Pins, Single Row		50H1
75	L2368A					1.00	NOR		12.4mm Pins, Single Row		50H1
76	L2370A					1.00	NOR		22.6mm Pins, Single Row		50H1
77	L2370A					1.00	NOR		22.6mm Pins, Single Row		50H1
78	2.54 MSAR 1					2.00	PLYM		2-50 Contacts, Plating Option Au or Sn		63H15
79	2.54 MSPAR 1	A				2.00	PLYM		2-50 Contacts, Plating Option Au or Sn, Termination to Body Length .059i		63H19
80	2.54 MSPAR 1	B				2.00	PLYM		2-50 Contacts, Plating Option Au or Sn, Termination to Body Length .157i		63H20
81	2.54 MSPAR 1	C				2.00	PLYM		2-50 Contacts, Plating Option Au or Sn, Termination to Body Length .256i		63H21
82	CA-S**	C	ST			.500	NYL		Contact Plating Au or Sn	CAC20	0H1c
83	442	A				2.40	PLYR		See Mfr Number Key for Options	WCC06	0H1as
84	444	A				2.40	PLYR		See Mfr Number Key for Options	WCC07	0H2bb
85	9100	B		Glwg			PLYR		4,6,8,...-80 Contacts		64H5
86	2.54 MSPAR 2					2.00	PLYM		4-100 Contacts (x2), Plating Option Au or Sn		63H22
87	2.54 MSPAR 2B					2.00	PLYM		4-100 Contacts (x2), Plating Option Au or Sn		63H23
88	TSB-1						MYLR		Low Profile	SMI10	

PLUGS, HEADER PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type	EMI	DWV (KV)	Material				
1 ROW, PITCH .100" (2.54mm) (Cont'd)											
1	2,54 MSPAR 3					2.00	PLYM		4-100 Contacts (x3), Plating Option Au or Sn		63H24
1 ROW, PITCH MISC.											
2	SSB5N					4.00	NYL		Use With Connector Series SSB5C		65H8b
3	SSB4N					2.00	NYL		Use With Connector Series SSB4C		65H8a
4	350539			ST			NYL	Y	2,3,4 Contacts,Dual Locking Lances		29H6
5	643488			ST			NYL	Y	Detent Lock		29P13
6	PI-050**					1.00	NYL	Y	First Pin Pitch Extended .098in For Polarization		113H1
7	PI-080**					1.00	NYL	Y	First Pin Pitch Extended .079in For Polarization		113H2
8	SSB5Q					4.00	NYL	Y	Use With Connector Series SSB5P		65H7b
9	1086P						NYL	Y	2,3,4,....-6 Contacts		56P3
10	7556P						NYL	Y	2,3,4,....-6 Contacts		56P23
11	MI-2	B				1.00		Y	Contact 1 Spaced .295in for Polarizing, Terminals W-T 0514 or W-T 0512		17H21
12	350428						THPL	Y	Contact Plating Au or Sn,2,3,4,5,6,8 Contacts,Dual Locking Lances		29H3
13	350946						THPL	Y	Contact Plating Au or Sn,2,3,4,5,6,8 Contacts,Dual Locking Lances		29H5
14	ESP	B	90	Thru		.800	RYTN	O	Force 10oz INS,See Mfr Number Key for Options	ELO18	121P10
15	ESP	C	90	Thru		.800	RYTN	O	Force 10oz INS,See Mfr Number Key for Options	ELO18	121P10
16	ESP	D	90	Thru		.800	RYTN	O	Force 10oz INS,See Mfr Number Key for Options	ELO18	121P10
17	PI-025**					.750	NYL	Y	Single Wall Header		0H33
18	SSB5E					4.00	NYL		Use With Connector Series SSB5L		65H3
19	SSB5F					4.00	NYL		Use With Connector Series SSB5U		65H2
20	SSB5K		90			2.20	NYL	Y	Use With SSB5 (Series) Connector	ACP01	65H3
21	SSB5M		ST			2.20	NYL	Y	Part of SSB5B Connector Set	ACP02	65H6
22	SSB5W		ST			2.20	NYL	Y	Use With SSB5 (Series) Connector	ACP01	65H2
23	229	E	ST	Fling			NYL	Y	3,4,6,9,10 Contacts		36H1
24	41	L				.250	NYL	Y	2,4,6,8,10 Pin Single Header,Pin Length 0.750 in or 1.250 in		116H3
25	41	M				.600	NYL	Y	2,46,10 Pin Locking Double Header,500k Meg ahm insulation Resistance		116H4
26	467-55								3,4,5,10 Contacts		
27	468-07								3,4,5,10 Contacts		
28	TS-310						PLYR		Solid Body, 10 Contacts Standard	SMI02	0H1h
29	SSB4Q					2.00	NYL		Use With Connector Series SSB4P		65H7a
30	SSB5I					4.00	NYL		Use With Connector Series SSB5P		65H6
31	M20-979		90			.750	PLYR		Au or Sn Plating		25H4
32	M20-981		ST			.750	PLYR		Au or Sn Plating		25H3
33	2400	A	ST						Has Friction Latches		
34	2400	B	ST						Has Friction Latches		
35	H900-RA						THPL	Y	Locking	MAG01	118P3
36	UP	B				.500		Y	Locking Type		17H15
37	UP	C				.500		Y	Locking Type		17H16
38	2660	A	ST						Detent Latching		
39	2660	B	ST						Detent Latching		
40	927200						NYL	Y	.045in Square Posts, Solder Tail Length .142in	APT06	93H15
41	927210						NYL	Y	.045in Square Posts, Solder Tail Length .142in	APT06	93H16
42	DF3-M	A	ST						2 Thru 15 Contacts		
43	DF3-M	B	ST						2 Thru 15 Contacts		
44	HNC-M	A	ST			1.00	NYL	Y	2,3,4,5,6,7,8,10,12,15 Contacts		
45	HNC-M	B	ST			1.00	NYL	Y	2,3,4,5,6,7,8,10,12,15 Contacts		
46	SL SERIES	A					PLYM		Rated Voltage VDE0110 Grp A=660,B=380,C=250 Vac,Open or Closed End		117G1
47	SL SERIES	B					PLYM		Rated Voltage VDE0110 Grp A=660,B=380,C=250 Vac,Open or Closed End		117G1
48	1001P						NYL		3,4,5,....-15 Contacts, With Friction Lock		56P17
49	1002P						NYL		3,4,5,....-15 Contacts, With Friction Lock		56P18
50	1006P						NYL		3,4,5,....-15 Contacts		56P19
51	1007P						NYL		3,4,5,....-15 Contacts		56P20
52	7501P					1.00	NYL	Y	Force 24oz INS, 4oz SEP, 2,3,4,....-15 Contacts, With Friction Lock		56P21
53	7502P					1.00	NYL	Y	Force 24oz INS, 4oz SEP, 2,3,4,....-15 Contacts, With Friction Lock		56P22
54	7506P					1.00	NYL		Force 24oz INS, 4oz SEP, 2,3,4,....-15 Contacts		0H1ao
55	7507P					1.00	NYL		Force 24oz INS, 4oz SEP, 2,3,4,....-15 Contacts		0H2ay
56	SLK-10	A	ST			1.50	NYL		Friction Lock Polarization and Retention		28H6
57	SLK-10	B	90			1.50	NYL		Friction Lock Polarization and Retention		28H6
58	SLY-10	A	ST			1.50	NYL		Straight or Right Angle Solder Tail or Mating End		28H8
59	SLY-10	B	90			1.50	NYL		Straight or Right Angle Solder Tail or Mating End		28H8
60	CPB28								3-5,15 Contacts		17H30
61	MP	B						Y	Locking Type		17H9
62	MP	C						Y	Locking Type		17H10
63	MP-2	B						Y	Locking Type		17H12
64	MP-2	C						Y	Locking Type		17H13
65	2HDR						PBT		Header Pin For Depluggable Terminal Block 2MDV/21DDV/2SDV		92H1
66	110		ST					Y	2 Thru 16 Contacts		
67	114		ST					Y	2 Thru 16 Contacts		
68	A4-4P	A	ST			.500	PBT		2 Thru 16 Contacts	HRS12	0H1aq
69	A4-4P	B	ST			.500	PBT		2 Thru 16 Contacts	HRS12	120H8
70	A4-4P	A	ST			.500	PBT		2,3,4,5,6,7,8,9,10,11,12,13,14,15,16 Contacts	HRSJ03	0H1aq
71	A4-4P	B	ST			.500	PBT		2,3,4,5,6,7,8,9,10,11,12,13,14,15,16 Contacts	HRSJ03	120H8
72	5001P					1.00	NYL	Y	Force 24oz INS, 4oz SEP, 2,3,4,....-16 Contacts, With Friction Lock		56P15
73	5002P					1.00	NYL	Y	Force 24oz INS, 4oz SEP, 2,3,4,....-16 Contacts, With Friction Lock		56P16
74	5006P					1.00	NYL		Force 24oz INS, 4oz SEP, 2,3,4,....-16 Contacts		0H1an
75	5007P					1.00	NYL		Force 24oz INS, 4oz SEP, 2,3,4,....-16 Contacts		0H2ax
76	7921P						NYL		3,4,5,....-19 Contacts, With Friction Lock		56P11
77	7922P						NYL		3,4,5,....-19 Contacts, With Friction Lock		56P12
78	7926P						NYL		3,4,5,....-19 Contacts		56P13
79	7927P						NYL		3,4,5,....-19 Contacts		56P14
80	SSB4E					2.00	NYL		Use With Connector Series SSB4L		65H4
81	SSB4F					2.00	NYL		Use With Connector Series SSB4U		65H1
82	SSB4K		90			2.20	NYL		Use With SSB4 (Series) Connector	ACP01	65H4
83	SSB4M		ST			2.20	NYL	O	Part of SSB4B Connector Set	ACP02	65H5
84	SSB4W		ST			2.20	NYL	Y	Use With SSB4 (Series) Connector	ACP01	65H1
85	112PR		ST						2 Thru 20 Contacts		0H2aw

PLUGS, HEADER PRODUCT SELECTION

Line No.	Type Identification	Mounting			Insulator		Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Variation	Angle	Type	EMI	DWY (KV)				
1 ROW, PITCH MISC. (Cont'd)										
1	112PS		ST					2 Thru 20 Contacts, Square Pins		0H1am
2	112R		ST					2 Thru 20 Contacts, With Friction Lock		0H6d
3	112S		ST				Y	2 Thru 20 Contacts, With Friction Lock		0H5d
4	DF1-P	A	ST			.650		2 Thru 20 Contacts	HRS09	70H13
5	DF1-P	B	ST			.650		2 Thru 20 Contacts	HRS09	70H13
6	3961P					1.00		Force 24oz INS, 4oz SEP, 2,3,4,...-20 Contacts, W/Friction Lock		56P9
7	3962P					1.00		Force 24oz INS, 4oz SEP, 2,3,4,...-20 Contacts, W/Friction Lock		56P10
8	3966P					1.00		Force 24oz INS, 4oz SEP, 2,3,4,...-20 Contacts, W/Friction Lock		0H1ak
9	3967P					1.00		Force 24oz INS, 4oz SEP, 2,3,4,...-20 Contacts, W/Friction Lock		0H2au
10	2,5 MSF/O					2.00		2-20 Contacts, Without Snap Lock, Single Row PCB Terminations		63H1
11	2,5 MSFQ					2.00	Y	2-20 Contacts, With Snap Lock, Staggered PCB Terminations		63H2
12	2,5 MSFQ/O					2.00		2-20 Contacts, Without Snap Lock, Staggered PCB Terminations		63H3
13	2,5 MSFW					2.00		2-20 Contacts, With Snap Lock, Single Row PCB Terminations		63H4
14	2,5 MSFW/O					2.00		2-20 Contacts, Without Snap Lock, Single Row PCB Terminations		63H5
15	2,5 MSFWQ					2.00		2-20 Contacts, With Snap Lock, Staggered PCB Terminations		63H6
16	2,5 MSFWQ/O					2.00		2-20 Contacts, Without Snap Lock, Staggered PCB Terminations		63H7
17	2,5 MSW					2.00		2-20 Contacts, Extremely Low Type, 2 Solder Points Per Contact Pin		63H10
18	5045					1.00	Y	Square Pin Friction Lock		38P8
19	5046					1.00		Square Pin Friction Lock		38P7
20	5512-NA					.500		UL 94V-0 Housing Material, Mates With 5513 NCPB and 5513 NAPB		38P10
21	PWL-2							With Lock	SCEC07	9H3
22	PWR-2							Without Lock	SCEC10	9H6
23	PWT-2							Contact Plating Au or Sn, With Housing	SCEC08	9H4
24	WF002							Contact Plating Au or Sn, With Housing		9H2
25	PB-2	A				.800	Y	10,14,16,20 Contacts, Board to Board Connector		17H24
26	CLK-10	A	ST			1.25	Y	Au or Sn Plating, With or Without Friction Lock Retention and Polarization		28H9
27	CLK-10	B	90			1.25	Y	Au or Sn Plating, With or Without Friction Lock Retention and Polarization		28H9
28	CLY-10	A	ST			1.25		Au or Sn Plating	MMM10	28H7
29	CLY-10	B	90			1.25		Au or Sn Plating	MMM10	28H7
30	SSB4I					2.00		Use With Connector Series SSB4P		65H5
31	640383		ST					2-10,12,14,15,16,20,24 Contacts, Square or Round Posts		0H1af
32	640385		ST					2-10,12,14,15,16,20,24 Contacts, Square Posts, Friction Lock Assembly		0H2ap
33	640387		ST				Y	2-10,12,14,15,16,20,24 Contacts, Square Posts		0H6b
34	640389		ST					2-10,12,14,15,16,20,24 Contacts, Friction Lock Assembly		0H6c
35	640444		ST					2-10,12,14,15,16,20,24 Contacts, Square or Round Posts		0H5b
36	640445		ST					2-10,12,14,15,16,20,24 Contacts, Square or Round Posts		0H5c
37	8113	A	ST			.250		250VAC 15A or 300VAC 10A, 12AWG Max.		109P1
38	H900						Y	Locking	MAG01	118P1
39	H900-VM						Y	Locking	MAG01	118P2
40	16388							Contact Plating Au or Sn		8H9
41	16480							Contact Plating Au or Sn		8H8
42	16483							Contact Plating Au or Sn		8H8
43	16800							Contact Plating Au or Sn		8H5
44	16900							Contact Plating Au or Sn		8H5
45	174		Thru			.600		6,8,10,12,15,18,22,24 Contacts, See Mfr Number Key for Options	MEI07	64H2
46	24000							Contact Plating Au or Sn		8H7
47	24005							Contact Plating Au or Sn		8H7
48	24603						Y	Contact Plating Au or Sn		8H6
49	24900						Y	Contact Plating Au or Sn		8H6
50	28000						Y	Contact Plating Au or Sn		8H10
51	SHK-10	A	ST			1.50		2-15,24 Pins		0H5a
52	SHK-10	B	90			1.50		2-15,24 Pins		0H6a
53	H156	A						2,3,4,...-24 Contacts		10P3
54	H156	B						2,3,4,...-24 Contacts		10P4
55	M156	A						2,3,4,...-24 Contacts, Sn or Au Plating	PAN03	10P1
56	M156	B						2,3,4,...-24 Contacts, Sn or Au Plating	PAN03	10P2
57	MSTB/G	A	ST				Y	2 Thru 24 Contacts		0H11b
58	MSTB/G	B	ST				Y	2 Thru 24 Contacts		0H11d
59	MSTBA	A	ST				Y	2 Thru 24 Contacts, Closed Ends		0H11c
60	MSTBA	B	ST				Y	2 Thru 24 Contacts, Closed Ends		0H11e
61	MSTBV	A	ST				Y	2 Thru 24 Contacts		0H19b
62	MSTBV	B	ST				Y	2 Thru 24 Contacts		0H19d
63	MSTBVA	A	ST				Y	2 Thru 24 Contacts, Closed Ends		0H19d
64	MSTBVA	B	ST				Y	2 Thru 24 Contacts, Closed Ends		0H19e
65	231 SERIES	B						250V, 10A UL, 300V, 10A CSA, 250V, 12A Gr. C, Gray Plastic Insulator		13H2
66	231 SERIES	C						250V, 10A UL, 300V, 10A CSA, 250V, 12A Gr. C, Gray Plastic Insulator		13H3
67	231 SERIES	D						250V, 15A UL, 300V, 10A CSA, 250V, 16A Gr. C, Gray Plastic Insulator		13H2
68	231 SERIES	E						250V, 15A UL, 300V, 10A CSA, 250V, 16A Gr. C, Gray Plastic Insulator		13H3
69	231 SERIES	G						250V, 10A UL, 300V, 10A CSA, 250V, 12A Gr. C, Orange Plastic Insulator		13H2
70	231 SERIES	H						250V, 10A UL, 300V, 10A CSA, 250V, 12A Gr. C, Orange Plastic Insulator		13H3
71	231 SERIES	I						250V, 15A UL, 300V, 10A CSA, 250V, 16A Gr. C, Orange Plastic Insulator		13H2
72	231 SERIES	J						250V, 15A UL, 300V, 10A CSA, 250V, 16A Gr. C, Orange Plastic Insulator		13H3
73	4030		ST			1.50		Stackable End-to-End Au or Sn Plating		0G04a
74	4094		90			1.50		Au or Sn Plating, Stackable End-to-End		0G05
75	6373		ST			1.50		Au or Sn Plating		17H18
76	6410		ST			1.50		Au or Sn Plating		8H2
77	70327		90			1.50		With Friction Lock		17H18
78	7395		90			1.50		With Friction Lock, Edge Mount Only		8H2
79	7478		90			1.50		Au or Sn Plating		17H18
80	CA-S**MP		ST			.500		1-32 Pins, Breakaway Style	CAC40	93H11
81	CA-S**MPR		90			.500		1-32 Pins, Breakaway Style	CAC40	31H11
82	ASSRR		ST			.500		Contact Length 11.4,14.2,16,17.8,20 and 28mm, Single Row Straight Contact	ASLH9	86H6
83	10003									83H1
84	901	G	ST			.500		5,10,15,20,25,30,36 Contacts		0H1z
85	901	H	90			.500		5,10,15,20,25,30,36 Contacts		0H2ak
86	CA-S**	B	ST			.500		Contact Plating Au or Sn	CAC18	0H1b
87	CA-S**R	B	ST			.500		Contact Plating Au or Sn	CAC19	0H2b
88	2420	A	ST							

PLUGS, HEADER PRODUCT SELECTION

Line No.	Type Identification	Mounting			Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Variation	Angle	Type	EMI	DWV (KV)	Material				
1 ROW, PITCH MISC. (Cont'd)											
1	2420	B	ST								
2	TMS-136	A					PLYR		36 Contacts Standard	SMI26	
3	TMS-136	B					PLYR		36 Contacts Standard	SMI26	
4	ESP	F	90	Thru		.800	RYTN	O	Force 10oz INS,See Mfr Number Key for Options	ELO18	121P10
5	ESP	G	90	Thru		.800	RYTN	O	Force 10oz INS,See Mfr Number Key for Options	ELO18	121P10
6	ESP	H	90	Thru		.800	RYTN	O	Force 10oz INS,See Mfr Number Key for Options	ELO18	121P10
7	2,5 MS					2.00	PLYM		2-40 Contacts, Standard Pin Assembly, Single Row Terminations		63H8
8	2,5 MSD					2.00	PLYM		2-40 Contacts, Double Sided, Center Insul Pin Assy, Thru Board Type		63H12
9	2,5 MSE					2.00	PLYM		2-40 Contacts, Single Sided Pin Assembly, Thru Board Type, Dip Solder		63H11
10	2,5 MSP					2.00	PLYM		2-40 Contacts, Single Row Terminations		63H9
11	70343		ST			.600	PLYR		Au or Sn Plating		0G04a
12	70344		90			.600	PLYR		Au or Sn Plating		0G05a
13	CHY-10	A	ST			1.00			1-40 Pins,Au or Sn Plating,Braekaway Style,Polyarylether(PAE) Insulator	MMM03	0H1v
14	CHY-10	B	90			1.00			1-40 Pins,Au or Sn Plating,Braekaway Style,Polyarylether(PAE) Insulator	MMM04	0H2v
15	PI		ST			.600	THPL		Max 256 Surface Mount Gas-Tight Contacts		
2 ROWS, PITCH .100" (2.54mm)											
16	126		ST						Contact Plating Au or Sn,Can Make Any Size		0H3ad
17	128		ST						Contact Plating Au or Sn,Can Make Any Size		0H4ao
18	HIF3B	A	ST			.650	PBT	Y			
19	CSPS10	A	ST	Thru		1.00	PLYR	O	Solder Post Length .114,.177in.,Avail. With Short,Long or No Eject. Latch		31H1
20	CSPS10	B	ST	Thru		1.00	PLYR	O	Solder Post Length .114 or .177in.,Avail. Short,Long or No Ejector Latch		31H2
21	CSPS10	C	ST	Thru		1.00	PLYR	O	Wrap Pin Length .59in.,Available With Short,Long or No Ejector Latches		31H3
22	CSPS10	D	90	Thru		1.00	PLYR	O	Wrap Post Length .59in.,Available With Short,Long or No Ejector Latches		31H4
23	CSWS10	A	ST			1.00	PLYR	O	Solder Post Length .114 or .177in.,Low Profile		31H5
24	CSWS10	B	90			1.00	PLYR	O	Solder Post Length .144 or .177in.,Low Profile		31H6
25	CSWS10	C	ST			1.00	PLYR	O	Wrap Pin Length .59in.,Low Profile		31H7
26	CSWS10	D	90			1.00	PLYR	O	Wrap Pin Length .59in.,Low Profile		31H8
27	3446 SERIES	A				1.00	THPL	Y	Avail W/Short, Long or No Ejector/Latch, Also Avail W/Ejector Only	MMM01	28H1
28	3446 SERIES	B				1.00	THPL	Y	Avail W/Short, Long or No Ejector/Latch, Also Avail W/Ejector Only	MMM01	28H1
29	3446 SERIES	C				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H2
30	3446 SERIES	D				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H2
31	3591 SERIES	A				1.00	THPL	Y	4-Wall Low Profile	MMM02	28H3
32	3591 SERIES	B				1.00	THPL	Y	4-Wall Low Profile	MMM02	28H3
33	CSPS14	A	ST	Thru		1.00	PLYR	O	Solder Post Length .114,.177in.,Avail. With Short,Long or No Eject. Latch		31H1
34	CSPS14	B	ST	Thru		1.00	PLYR	O	Solder Post Length .114 or .177in.,Avail. Short,Long or No Ejector Latch		31H2
35	CSPS14	C	ST	Thru		1.00	PLYR	O	Wrap Pin Length .59in.,Available With Short,Long or No Ejector Latches		31H3
36	CSPS14	D	90	Thru		1.00	PLYR	O	Wrap Post Length .59in.,Available With Short,Long or No Ejector Latches		31H4
37	CSWS14	A	ST			1.00	PLYR	O	Solder Post Length .114 or .177in.,Low Profile		31H5
38	CSWS14	B	90			1.00	PLYR	O	Solder Post Length .144 or .177in.,Low Profile		31H6
39	CSWS14	C	ST			1.00	PLYR	O	Wrap Pin Length .59in.,Low Profile		31H7
40	CSWS14	D	90			1.00	PLYR	O	Wrap Pin Length .59in.,Low Profile		31H8
41	3314 SERIES	A				1.00	THPL	Y	Avail W/Short, Long or No Ejector/Latch, Also Avail W/Ejector Only	MMM01	28H1
42	3314 SERIES	B				1.00	THPL	Y	Avail W/Short, Long or No Ejector/Latch, Also Avail W/Ejector Only	MMM01	28H1
43	3314 SERIES	C				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H2
44	3314 SERIES	D				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H2
45	3598 SERIES	A				1.00	THPL	Y	4-Wall Low Profile	MMM02	28H3
46	3598 SERIES	B				1.00	THPL	Y	4-Wall Low Profile	MMM02	28H3
47	CSPS16	A	ST	Thru		1.00	PLYR	O	Solder Post Length .114,.177in.,Avail. With Short,Long or No Eject. Latch		31H1
48	CSPS16	B	ST	Thru		1.00	PLYR	O	Solder Post Length .114 or .177in.,Avail. Short,Long or No Ejector Latch		31H2
49	CSPS16	C	ST	Thru		1.00	PLYR	O	Wrap Pin Length .59in. Available With Short,Long or No Ejector Latches		31H3
50	CSPS16	D	90	Thru		1.00	PLYR	O	Wrap Post Length .59in.,Available With Short,Long or No Ejector Latches		31H4
51	CSWS16	A	ST			1.00	PLYR	O	Solder Post Length .114 or .177in.,Low Profile		31H5
52	CSWS16	B	90			1.00	PLYR	O	Solder Post Length .144 or .177in.,Low Profile		31H6
53	CSWS16	C	ST			1.00	PLYR	O	Wrap Pin Length .59in.,Low Profile		31H7
54	CSWS16	D	90			1.00	PLYR	O	Wrap Pin Length .59in.,Low Profile		31H8
55	3408 SERIES	A				1.00	THPL	Y	Avail W/Short, Long or No Ejector/Latch, Also Avail W/Ejector Only	MMM01	28H1
56	3408 SERIES	B				1.00	THPL	Y	Avail W/Short, Long or No Ejector/Latch, Also Avail W/Ejector Only	MMM01	28H1
57	3408 SERIES	C				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H2
58	3408 SERIES	D				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H2
59	3599 SERIES	A				1.00	THPL	Y	4-Wall Low Profile	MMM02	28H3
60	3599 SERIES	B				1.00	THPL	Y	4-Wall Low Profile	MMM02	28H3
61	CSPS20	A	ST	Thru		1.00	PLYR	O	Solder Post Length .114,.177in.,Avail. Short,Long or No Ejector Latch		31H1
62	CSPS20	B	ST	Thru		1.00	PLYR	O	Solder Post Length .114 or .177in.,Avail. Short,Long or No Ejector Latch		31H2
63	CSPS20	C	ST	Thru		1.00	PLYR	O	Wrap Pin Length .59in.,Available With Short,Long or No Ejector Latches		31H3
64	CSPS20	D	90	Thru		1.00	PLYR	O	Wrap Post Length .59in.,Available With Short,Long or No Ejector Latches		31H4
65	CSWS20	A	ST			1.00	PLYR	O	Solder Post Length .114 or .177in.,Low Profile		31H5
66	CSWS20	B	90			1.00	PLYR	O	Solder Post Length .144 or .177in.,Low Profile		31H6
67	CSWS20	C	ST			1.00	PLYR	O	Wrap Pin Length .59in.,Low Profile		31H7
68	CSWS20	D	90			1.00	PLYR	O	Wrap Pin Length .59in.,Low Profile		31H8
69	MICS-D					.750	PBT		4,6,8,10,12,14,16,18,20 Contacts, Force 1.44oz INS/SEP, Acc. to DIN41651		63H14
70	3428 SERIES	A				1.00	THPL	Y	Avail W/Short, Long or No Ejector/Latch, Also Avail W/Ejector Only	MMM01	28H1
71	3428 SERIES	B				1.00	THPL	Y	Avail W/Short, Long or No Ejector/Latch, Also Avail W/Ejector Only	MMM01	28H1
72	3428 SERIES	C				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H2
73	3428 SERIES	D				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H2
74	3592 SERIES	A				1.00	THPL	Y	4-Wall Low Profile	MMM02	28H3
75	3592 SERIES	B				1.00	THPL	Y	4-Wall Low Profile	MMM02	28H3
76	CSPS26	A	ST	Thru		1.00	PLYR	O	Solder Post Length .114,.177in.,Avail. Short,Long or No Ejector Latch		31H1
77	CSPS26	B	ST	Thru		1.00	PLYR	O	Solder Post Length .114 or .177in.,Avail. Short,Long or No Ejector Latch		31H2
78	CSPS26	C	ST	Thru		1.00	PLYR	O	Wrap Pin Length .59in.,Available With Short,Long or No Ejector Latches		31H3
79	CSPS26	D	90	Thru		1.00	PLYR	O	Wrap Post Length .59in.,Available With Short,Long or No Ejector Latches		31H4
80	CSWS26	A	ST			1.00	PLYR	O	Solder Post Length .114 or .177in.,Low Profile		31H5
81	CSWS26	B	90			1.00	PLYR	O	Solder Post Length .144 or .177in.,Low Profile		31H6
82	CSWS26	C	ST			1.00	PLYR	O	Wrap Pin Length .59in.,Low Profile		31H7
83	CSWS26	D	90			1.00	PLYR	O	Wrap Pin Length .59in.,Low Profile		31H8
84	5547	A				2.00	PLYR		Even Number Contacts Only, Pullout Force 35.2oz		38P4
85	5547	B				2.00	PLYR		Even Number Contacts Only, Pullout Force 35.2oz		38P4

PLUGS, HEADER PRODUCT SELECTION

Line No.	Type Identification	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number	
		Variation	Angle	Type	EMI	DWV (KV)					Material
2 ROWS, PITCH .100" (2.54mm) (Cont'd)											
1	3429 SERIES	A				1.00	THPL	Y	Avail W/Short, Long or No Ejector/Latch, Also Avail W/Ejector Only	MMM01	28H1
2	3429 SERIES	B				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H1
3	3429 SERIES	C				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H2
4	3429 SERIES	D				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H2
5	3593 SERIES	A				1.00	THPL	Y	4-Wall Low Profile	MMM02	28H3
6	3593 SERIES	B				1.00	THPL	Y	4-Wall Low Profile	MMM02	28H3
7	CSPS34	A	ST	Thru		1.00	PLYR	O	Solder Post Length .114,.177in.,Avail. Short,Long or No Ejector Latch		31H1
8	CSPS34	B	ST	Thru		1.00	PLYR	O	Solder Post Length .114 or .177in.,Avail. Short,Long or No Ejector Latch		31H2
9	CSPS34	C	ST	Thru		1.00	PLYR	O	Wrap Post Length .59in.,Available With Short,Long or No Ejector Latches		31H3
10	CSPS34	D	90	Thru		1.00	PLYR	O	Wrap Post Length .59in.,Available With Short,Long or No Ejector Latches		31H4
11	CSWS34	A	ST			1.00	PLYR	O	Solder Post Length .114 or .177in.,Low Profile		31H5
12	CSWS34	B	90			1.00	PLYR	O	Solder Post Length .144 or .177in.,Low Profile		31H6
13	CSWS34	C	ST			1.00	PLYR	O	Wrap Pin Length .59in.,Low Profile		31H7
14	CSWS34	D	90			1.00	PLYR	O	Wrap Pin Length .59in.,Low Profile		31H8
15	FCN744					.500	PBT	Y	10,14,16,20,26,30,34 Contacts		34P3
16	3431 SERIES	A				1.00	THPL	Y	Avail W/Short, Long or No Ejector/Latch, Also Avail W/Ejector Only	MMM01	28H1
17	3431 SERIES	B				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H1
18	3431 SERIES	C				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H2
19	3431 SERIES	D				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H2
20	3594 SERIES	A				1.00	THPL	Y	4-Wall Low Profile	MMM02	28H3
21	3594 SERIES	B				1.00	THPL	Y	4-Wall Low Profile	MMM02	28H3
22	BRP200D					2.40	PLYR		80 oz Force Pin Retention in or Out,.025 in Square Posts .230 Long	GAR02	0H3g
23	BRP300D					2.40	PLYR		80 oz Force Pin Retention in or Out,.025 in Square Posts .230 in Long	GAR02	0H4o
24	M20-960						PLYR		Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts,Double Row		0H10a
25	M20-960						PLYR		Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts,Double Row		0H10a
26	M20-964						PLYR		Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts,Double Row		0H10a
27	M20-964						PLYR		Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts,Double Row		0H10a
28	M20-995						PLYR		Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts,Double Row		0H4k
29	M20-995						PLYR		Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts,Double Row		0H4k
30	M20-997						PLYR		Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts,Double Row		0H3b
31	M20-997						PLYR		Contact Plating Au or Sn,2,3,4,5,6,7,8,9,10,20,36 Contacts,Double Row		0H3b
32	BBB-136						PLYR		Snap Strip, Terminal Strip 2.54mm Thick	SMI06	
33	BDL-136						PLYR		Snap Strip, Terminal Strip 2.54mm Thick	SMI06	
34	STWD-36	A					PLYR		Shrouded with Clip	SMI23	
35	STWD-36	B					PLYR		Shrouded with Clip	SMI23	
36	TD-136	A					PLYR		Snap Strip, 36 Contacts Standard	SMI02	0H3h
37	TD-136	B					PLYR		Snap Strip, 36 Contacts Standard	SMI02	0H4p
38	082	A					PLYR		Au or Sn Plated,Tail Lengths Available .100,.400,600in, Post .025' Sq.	TP104	69H9a
39	082	B					PLYR		Au or Sn Plated,Tail Lengths Available .100,.400,600in,Post .025' Sq.	TP104	69H9b
40	STWD-38	A					PLYR		Shrouded with Clip	SMI23	
41	STWD-38	B					PLYR		Shrouded with Clip	SMI23	
42	CSPS40	A	ST	Thru		1.00	PLYR	O	Solder Post Length .114,.177in.,Avail. Short,Long or No Ejector Latch		31H1
43	CSPS40	B	ST	Thru		1.00	PLYR	O	Solder Post Length .114 or .177in.,Avail. Short,Long or No Ejector Latch		31H2
44	CSPS40	C	ST	Thru		1.00	PLYR	O	Wrap Post Length .59in.,Available With Short,Long or No Ejector Latches		31H3
45	CSPS40	D	90	Thru		1.00	PLYR	O	Wrap Post Length .59in.,Available With Short,Long or No Ejector Latches		31H4
46	CSWS40	A	ST			1.00	PLYR	O	Solder Post Length .114 or .177in.,Low Profile		31H5
47	CSWS40	B	90			1.00	PLYR	O	Solder Post Length .144 or .177in.,Low Profile		31H6
48	CSWS40	C	ST			1.00	PLYR	O	Wrap Pin Length .59in.,Low Profile		31H7
49	CSWS40	D	90			1.00	PLYR	O	Wrap Pin Length .59in.,Low Profile		31H8
50	AWL2		ST			.750	PLYR				79H21
51	16643								Contact Plating Au or Sn		8H3
52	16694								Contact Plating Au or Sn		8H3
53	189-128		ST	Fing		.500	DAP	Y	40 Contacts, Available With Heat Sink		64P3a
54	189-141		90			.500	DAP	Y	40 Contacts, Available With Heat Sink		64P4a
55	189-146		ST	Fing		.500	DAP	Y	40 Contacts, Available With Heat Sink	MEI05	64P36
56	189-225		ST	Fing		.500	DAP	Y	40 Contacts, Available With Heat Sink		64P3c
57	189-226		ST	Fing		.500	DAP	Y	40 Contacts, Available With Heat Sink		64P3d
58	189-228		90			.500	DAP	Y	40 Contacts, Available With Heat Sink		64P46
59	910	C				.250	PLYR		Force 10oz INS, 2oz SEP, 2,3,4,...-40 Contacts, See Mfr Number Key	MEI08	0H3ae
60	910	D				.250	PLYR		Force 10oz INS, 2oz SEP, 2,3,4,...-40 Contacts, See Mfr Number Key	MEI08	0H4ap
61	3432 SERIES	A				1.00	THPL	Y	Avail W/Short, Long or No Ejector/Latch, Also Avail W/Ejector Only	MMM01	28H1
62	3432 SERIES	B				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H1
63	3432 SERIES	C				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H2
64	3432 SERIES	D				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H2
65	3595 SERIES	A				1.00	THPL	Y	4-Wall Low Profile	MMM02	28H3
66	3595 SERIES	B				1.00	THPL	Y	4-Wall Low Profile	MMM02	28H3
67	HS40-R						PLYR		Snappable Header Strip		0H2I
68	CSPS50	A	ST	Thru		1.00	PLYR	O	Solder Post Length .114 or .177in.,Avail. Short,Long or No Ejector Latch		31H1
69	CSPS50	B	ST	Thru		1.00	PLYR	O	Solder Post Length .114 or .177in.,Avail. Short,Long or No Ejector Latch		31H2
70	CSPS50	C	ST	Thru		1.00	PLYR	O	Wrap Post Length .59in.,Available With Short,Long or No Ejector Latches		31H3
71	CSPS50	D	90	Thru		1.00	PLYR	O	Wrap Post Length .59in.,Available With Short,Long or No Ejector Latches		31H4
72	CSWS50	A	ST			1.00	PLYR	O	Solder Post Length .114 or .177in.,Low Profile		31H5
73	CSWS50	B	90			1.00	PLYR	O	Solder Post Length .144 or .177in.,Low Profile		31H6
74	CSWS50	C	ST			1.00	PLYR	O	Wrap Pin Length .59in.,Low Profile		31H7
75	CSWS50	D	90			1.00	PLYR	O	Wrap Pin Length .59in.,Low Profile		31H8
76	511-060					1.00	PLYR	Y	10,14,16,20,26,34,40,50 Contacts, For Sockets With/Without Strain Relief		0H26e
77	511-061					1.00	PLYR	Y	10,14,16,20,26,34,40,50 Contacts, For Sockets Without Strai Relief		0H25e
78	511-062					1.00	PLYR	Y	10,14,16,20,26,34,40,50 Contacts, For Sockets With Strain Relief		0H21e
79	511-065					1.00	PLYR	Y	10,14,16,20,26,34,40,50 Contacts		0H17a
80	511-260		90			1.00	PLYR	Y	10,14,16,20,26,34,40,50 Contacts, For Sockets With/Without Strain Relief		0H22e
81	511-261		90			1.00	PLYR	Y	10,14,16,20,26,34,40,50 Contacts, For Sockets Without Strain Relief		0H23d
82	511-262		90			1.00	PLYR	Y	10,14,16,20,26,34,40,50 Contacts, For Sockets With Strain Relief		0H24d
83	511-265					1.00	PLYR	Y	10,14,16,20,26,34,40,50 Contacts		0H18a
84	123R	ST		Thru				Y	20,26,34,40,50 Contacts		0H22g
85	123S	ST		Thru				Y	20,26,34,40,50 Contacts		0H25h
86	SPH0100						PLYR		10,16,20,26,34,40,50 Contacts, 0-3 Wrap Lengths, See Mfr Number Key	EFB10	0G01
87	3433 SERIES	A				1.00	THPL	Y	Avail W/Short, Long or No Ejector/Latch, Also Avail W/Ejector Only	MMM01	28H1
88	3433 SERIES	B				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H1

PLUGS, HEADER PRODUCT SELECTION

Line No.	D.A.T.A. Mfr. Code	Type Identification	Variation	Approvals							Contact						Contact Termination																						
				CSA	IEC	MIL	UL	VG	VDE	Other	Number (Range)	Option	Type	Entry	Resistance (mOhm)	Current (Amp)	Material	Plating	Angle	Crimp	Cup	IDC	Loop	Post	Press Fit	Screw	Quick	Spring	Surface	Turret	Wrap	Other							
2 ROWS, PITCH .100" (2.54mm) (Cont'd)																																							
1	MMM	3433 SERIES	C	•						50		Pin			1.0	Cu	Au	ST																					
2	MMM	3433 SERIES	D	•						50		Pin			1.0	Cu	Au	90																					
3	MMM	3596 SERIES	A							50		Pin			1.0	Cu	Au	ST																					
4	MMM	3596 SERIES	B	•						50		Pin			1.0	Cu	Au	90																					
5	SCEC	SCM-16R								50		Pin				Bras		90																					
6	SCEC	SCM-16S								50		Pin				Bras		ST																					
7	AAP	840-FRC2	B							10-60		Pin		15	1.0	CuSn	Au	ST																					
8	AAP	840-FRC2	C							10-60		Pin		15	1.0	CuSn	Au	90																					
9	AAP	840-HU	C							20-60		Pin		20	4.0	CuSn	Au	ST																					
10	AAP	840-HU	D							20-60		Pin		20	4.0	CuSn	Au	90																					
11	AML	CSPS60	A							60		Pin			1.0	PBrz	Au	ST																					
12	AML	CSPS60	B							60		Pin			1.0	PBrz	Au	90																					
13	AML	CSPS60	C							60		Pin			1.0	PBrz	Au	ST																					
14	AML	CSPS60	D							60		Pin			1.0	PBrz	Au	90																					
15	AML	CSWS60	A							60		Pin			1.0	PBrz	Au	ST																					
16	AML	CSWS60	B							60		Pin			1.0	PBrz	Au	90																					
17	AML	CSWS60	C							60		Pin			1.0	PBrz	Au	ST																					
18	AML	CSWS60	D							60		Pin			1.0	PBrz	Au	90																					
19	AMP	102741								10-60		Post				Cu	Au	ST																					
20	AMP	87272								10-60		Post				PBrz	O	90																					
21	AMP	87476								8-60		Post				PBrz	O	90																					
22	AMP	87478								6-60		Post				PBrz	O	ST																					
23	ASLH	ASDRR								60		Pin			1.0	PBrz	Au	ST																					
24	ASLH	ASDRRV								2-60		Pin			1.0	PBrz	Au	ST																					
25	ASLH	ASDRS								60		Pin			1.0	PBrz	Au	ST																					
26	ASM	AWH	A							10-60		Pin			1.0	PBrz	Au	ST																					
27	ASM	AWH	B							10-60		Pin			1.0	PBrz	Au	90																					
28	ASM	AWHW	A							10-60		Pin			1.0	PBrz	Au	ST																					
29	ASM	AWHW	B							10-60		Pin			1.0	PBrz	Au	90																					
30	AUG	110 SERIES	A							10-60		Pin				Bras	Au	ST																					
31	AUG	110 SERIES	B							10-60		Pin				Bras	Au	90																					
32	AWC	FCC-201		•						10-60		Pin			1.0	PBrz	Au	90																					
33	AWC	FCC-202		•						10-60		Pin			1.0	PBrz	Au	90																					
34	AWC	FCC-205		•						10-60		Pin			1.0	PBrz	Au	90																					
35	AWC	FCC-207		•						10-60		Pin			1.0	PBrz	Au	90																					
36	AWC	FCC-208		•						10-60		Pin			1.0	PBrz	Au	90																					
37	AWC	FCC-209		•						10-60		Pin			1.0	PBrz	Au	90																					
38	AWC	FCC-251		•						10-60		Pin			1.0	PBrz	Au	90																					
39	AWC	FCC-252		•						10-60		Pin			1.0	PBrz	Au	90																					
40	AWC	FCC-255		•						10-60		Pin			1.0	PBrz	Au	90																					
41	AWC	FCC-261		•						10-60		Pin			1.0	PBrz	Au	ST																					
42	AWC	FCC-262		•						10-60		Pin			1.0	PBrz	Au	ST																					
43	AWC	FCC-265		•						10-60		Pin			1.0	PBrz	Au	ST																					
44	AWC	FCC-292		•						10-60		Pin			1.0	PBrz	Au	ST																					
45	AWC	FCC-295		•						10-60		Pin			1.0	PBrz	Au	ST																					
46	AWC	FCC-297		•						10-60		Pin			1.0	PBrz	Au	ST																					
47	AWC	FCC-298		•						10-60		Pin			1.0	PBrz	Au	ST																					
48	AWC	FCC-299		•						10-60		Pin			1.0	PBrz	Au	ST																					
49	AWC	FCC-301		•						10-60		Pin			1.0	PBrz	Au	90																					
50	AWC	FCC-302		•						10-60		Pin			1.0	PBrz	Au	90																					
51	AWC	FCC-305		•						10-60		Pin			1.0	PBrz	Au	90																					
52	AWC	FCC-307		•						10-60		Pin			1.0	PBrz	Au	90																					
53	AWC	FCC-308		•						10-60		Pin			1.0	PBrz	Au	90																					
54	AWC	FCC-309		•						10-60		Pin			1.0	PBrz	Au	90																					
55	AWC	FCC-351		•						10-60		Pin			1.0	PBrz	Au	90																					
56	AWC	FCC-352		•						10-60		Pin			1.0	PBrz	Au	90																					
57	AWC	FCC-355		•						10-60		Pin			1.0	PBrz	Au	90																					
58	AWC	FCC-361		•						10-60		Pin			1.0	PBrz	Au	ST																					
59	AWC	FCC-362		•						10-60		Pin			1.0	PBrz	Au	ST																					
60	AWC	FCC-365		•						10-60		Pin			1.0	PBrz	Au	ST																					
61	AWC	FCC-391		•						10-60		Pin			1.0	PBrz	Au	ST																					
62	AWC	FCC-392		•						10-60		Pin			1.0	PBrz	Au</																						

PLUGS, HEADER PRODUCT SELECTION

Line No.	Type Identification	Mounting			Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Variation	Angle	Type	EMI	DWV (KV)	Material				
2 ROWS, PITCH .100" (2.54mm) (Cont'd)											
1	3433 SERIES	C				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H2
2	3433 SERIES	D				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H2
3	3596 SERIES	A				1.00	THPL	Y	4-Wall Low Profile	MMM02	28H3
4	3596 SERIES	B				1.00	THPL	Y	4-Wall Low Profile	MMM02	28H3
5	SCM-16R						PLYR		16,20,26,34,40,50 Contacts, With Latches	SCEC04	0H13g
6	SCM-16S						PLYR		16,20,26,34,40,50 Contacts, With Latches	SCEC04	0H12g
7	840-FRC2	B				.500	PBT	Y	10,14,16,20,26,34,40,50,60 Contacts, Short, Long and No Locks	AAP9	0H29e
8	840-FRC2	C				.500	PBT	Y	10,14,16,20,26,34,40,50,60 Contacts, Short, Long and No Locks	AAP9	0H32d
9	840-HU	C				.300	PBT	Y	20,26,34,40,50,60 Contacts	AAP11	0H17b
10	840-HU	D				.300	PBT	Y	20,26,34,40,50,60 Contacts	AAP11	0H18b
11	CSPS60	A	ST	Thru		1.00	PLYR	O	Solder Post Length .114 or .177in.,Avail. Short,Long or No Ejector Latch		31H1
12	CSPS60	B	ST	Thru		1.00	PLYR	O	Solder Post Length .114 or .177in.,Avail. Short,Long or No Ejector Latch		31H2
13	CSPS60	C	ST	Thru		1.00	PLYR	O	Wrap Post Length .59in.,Available With Short,Long or No Ejector Latches		31H3
14	CSPS60	D	90	Thru		1.00	PLYR	O	Wrap Post Length .59in.,Available With Short,Long or No Ejector Latches		31H4
15	CSWS60	A	ST			1.00	PLYR	O	Solder Post Length .144 or .177in.,Low Profile		31H5
16	CSWS60	B	90			1.00	PLYR	O	Solder Post Length .144 or .177in.,Low Profile		31H6
17	CSWS60	C	ST			1.00	PLYR	O	Wrap Pin Length .59in.,Low Profile		31H7
18	CSWS60	D	90			1.00	PLYR	O	Wrap Pin Length .59in.,Low Profile		31H8
19	102741						THPL		10,16,20,26,30,34,40,44,50,60 Contacts,Shrouded		0H17d
20	87272						THPL		Contact Plating Au or Sn,10,12,14,16,18,20,24,26,30,34,40,50,60 Contacts		0H18c
21	87476						THPL		Contact Plating Au or Sn,8,10,12,14,16,18,20,24,26,30,34,40,50,60 Contact		0H18d
22	87478						THPL		Contact Plating Au or Sn,6,8,10,12,14,16,18,20,24,26,30,34,40,50,60 Cnts		0H17c
23	ASDRR					.500			Contact Length 3.0mm,Dual Row Right Angle Contacts	ASLH10	86H7
24	ASDRRV					.500			Dual Row Right Angle Strip	ASLH11	86H8
25	ASDRS					.500			Contact Length 11.4,14.2,16,17.8, and 20mm,Dual Row Straight Contacts	ASLH10	86H7
26	AWH	A	ST			1.00	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts,Solder Pins 2.9 and 4.5mm Long	ASM01	79H1
27	AWH	B	90			1.00	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts,Solder Pins 2.9 and 4.5mm Long	ASM01	79H2
28	AHHW	A	ST			1.00	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts,Solder Pins 2.9 and 4.5mm Long	ASM02	79H3
29	AHHW	B	90			1.00	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts,Solder Pins 2.9 and 4.5mm Long	ASM02	79H4
30	110 SERIES	A	ST				THPL		10,20,26,34,40,50,60 Contacts,Contact Length 2.87and 15.44mm		0H12c
31	110 SERIES	B	ST				THPL		10,20,26,34,40,50,60 Contacts,Contact Length 2.87 and 15.44mm		0H13c
32	FCC-201					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Strain Relief Latch,Slidr Post 2.29mm		0H32a
33	FCC-202					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Strain Relief Latch,Wire Wrap Term.		0H32c
34	FCC-205					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Strain Relief Latch,Slidr Post 3.94mm		0H32b
35	FCC-207					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Low Profile Latch,Solder Post 2.29mm		0H31a
36	FCC-208					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Low Profile Latch,Solder Post 3.94mm		0H31b
37	FCC-209					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Low Profile Latch,Wire Wrap Term.		0H31c
38	FCC-251					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Solder Posts 2.29mm,Right Angle		0H30a
39	FCC-252					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Wire Wrap Termination,Right Angle		0H30c
40	FCC-255					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Solder Posts 3.94mm,Right Angle		0H30b
41	FCC-261					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Solder Posts 2.29mm		0H27a
42	FCC-262					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Wire Wrap Termination		0H27c
43	FCC-265					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Solder Posts 3.94mm		0H27b
44	FCC-292					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Strain Relief Latch,Wire Wrap Term.		0H29c
45	FCC-295					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Strain Relief Latch,Slidr Posts 3.94mm		0H29b
46	FCC-297					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Low Profile Latch,Solder Posts 2.29mm		0H28a
47	FCC-298					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Low Profile Latch,Solder Posts 3.94mm		0H28b
48	FCC-299					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Low Profile Latch,Wire Wrap Term.		0H29a
49	FCC-301					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Strain Relief Latch,Slidr Post 2.29mm		0H24a
50	FCC-302					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Strain Relief Latch,Wire Wrap Term.		0H24c
51	FCC-305					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Strain Relief Latch,Slidr Post 3.94mm		0H24b
52	FCC-307					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Low Profile Latch,Slidr Post 2.29mm		0H23a
53	FCC-308					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Low Profile Latch,Slidr Post 3.94mm		0H23b
54	FCC-309					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Low Profile Latch,Wire Wrap Term.		0H23c
55	FCC-351					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Solder Post 2.29mm		0H22a
56	FCC-352					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Wire Wrap Termination		0H22c
57	FCC-355					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Solder Post 3.94mm		0H22b
58	FCC-361					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Solder Posts 2.29mm		0H26a
59	FCC-362					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Wire Wrap Termination		0H26c
60	FCC-365					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Solder Posts 3.94mm		0H26b
61	FCC-391					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Strain Relief Latch,Slidr Post 2.29mm		0H21a
62	FCC-392					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Strain Relief Latch,Wire Wrap Term.		0H21d
63	FCC-397					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Low Profile Latch,Slidr Posts 2.29mm		0H3ai
64	FCC-398					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Low Profile Latch,Slidr Posts 3.94mm		0H25b
65	FCC-399					.500	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Low Profile Latch,Wire Wrap Term.		0H25c
66	FRH	A	ST	Fing		1.00	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts>Contact Plating Au or Sn	BDY02	0H30d
67	FRH	B	ST	Fing		1.00	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts>Contact Plating Au or Sn	BDY02	0H27d
68	FRH	C	ST	Fing		1.00	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts,Cntct Plting Au or Sn,Shrt Ltch/No Str	BDY02	0H28d
69	FRH	D	ST	Fing		1.00	THPL	Y	10,14,16,20,26,34,40,50,60 Cntcts,Cntct Plting Au or Sn,Lng Ltchs/For Str	BDY02	0H29d
70	FRHL	A				1.00	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts>Contact Plating Au or Sn	BDY04	0H14a
71	FRHL	B				1.00	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts>Contact Plating Au or Sn	BDY04	0H15a
72	FRHW	A	ST	Fing		1.00	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts>Contact Plating Au or Sn	BDY03	0H26d
73	FRHW	B	ST	Fing		1.00	THPL	Y	10,14,16,20,26,34,40,50,60 Contacts>Contact Plating Au or Sn	BDY03	0H22d
74	FRHW	C	ST	Fing		1.00	THPL	Y	10,14,16,20,26,34,40,50,60 Cntcts,Cntct Plng Au or Sn,Shrt Ltchs/No Str	BDY03	0H25d
75	FRHW	D	ST	Fing		1.00	THPL	Y	10,14,16,20,26,34,40,50,60 Cntcts,Cntct Plng Au or Sn,Lng Ltchs/For Str	BDY03	0H21d
76	PL2P					1.00	THPL		10,14,16,20,26,34,40,50,60 Contacts>Contact Plating Au or Sn	BDY05	0H3c
77	PL2P	A				1.00	THPL		10,14,16,20,26,34,40,50,60 Contacts>Contact Plating Au or Sn	BDY05	0H4l
78	CA-**H		ST			.500	PLYR	Y	Contact Plating Au or Sn,10,14,16,20,26,34,40,50,60 Contacts	CAC22	0H12a
79	CA-**HL		ST			.500	PLYR	Y	Contact Plating Au or Sn,10,14,16,20,26,34,40,50,60 Contacts	CAC26	0H14b
80	CA-**HLR		ST			.500	PLYR	Y	Contact Plating Au or Sn,10,14,16,20,26,34,40,50,60 Contacts	CAC27	0H15b
81	CA-**HR		ST			.500	PLYR	Y	Contact Plating Au or Sn,10,14,16,20,26,34,40,50,60 Contacts	CAC23	0H13a
82	CA-**H3		ST			.500	PLYR	Y	Contact Plating Au or Sn,10,14,16,20,26,34,40,50,60 Contacts	CAC24	0H27e
83	CA-**H3R		ST			.500	PLYR	Y	Contact Plating Au or Sn,10,14,16,20,26,34,40,50,60 Contacts	CAC25	0H30e
84	511-030					1.00	PLYM		Unprotected Pin Strips, Double		0H3v
85	511-270					1.00	PLYM		Unprotected Pin Strips, Double		0H4ag
86	IG SERIES	A		Othr		.500	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts, 4-Wall	EBY11	41P2
87	IG SERIES	B		Othr		.500	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts, 4-Wall	EBY11	41P2
88	IH SERIES	A		Othr		.500	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts, 3-Wall	EBY11	41P2

PLUGS, HEADER PRODUCT SELECTION

Line No.	Type Identification	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number	
		Variation	Angle	Type	EMI	DWV (KV)					Material
2 ROWS, PITCH .100" (2.54mm) (Cont'd)											
1	IH SERIES	B		Othr		.500	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts, 3-Wall	EBY11	41P2
2	FCN704J					.500	PBT	Y	Force 741oz INS,88.25oz SEP,10,14,16,20,26,30,34,40,50,60 Contacts		34R3
3	FCN707P						PBT	Y	10,14,16,20,26,30,34,48,50,60 Contacts		34P5
4	FCN720	A				.500	PBT	Y	8,10,12,14,....-60 Contacts		0H3ag
5	FCN720	B				.500	PBT	Y	8,10,12,14,....-60 Contacts		0H4a
6	FCN720	C				.500	PBT	Y	8,10,12,14,....-60 Contacts		0H3ah
7	FCN720	D				.500	PBT	Y	8,10,12,14,....-60 Contacts		0H4b
8	FCN720	E				.500	PBT	Y	8,10,12,14,....-60 Contacts		0H3ai
9	FCN720	F				.500	PBT	Y	8,10,12,14,....-60 Contacts		0H4c
10	FCN745					.500	PBT	Y	10,14,16,20,24,26,30,34,40,50,60 Contacts		34P4
11	41	A				.600	PBT	Y	10,14,16,20,26,34,50 60 Pins,Ejection Latch Opt.,Solder and Wire Wrap		116H1
12	41	B				.600	PBT	Y	10,14,16,20,26,34,40,50,60,Pins,Ejection Latch Opt.,Solder and Wire Wrap		116H1
13	HIF3	A	ST	Thru		.650	PLYR	Y	10,16,20,26,30,34,40,50,60 Contacts	HRS03	70H3
14	HIF3	B	ST	Thru		.650	PLYR	Y	10,16,20,26,30,34,40,50,60 Contacts	HRS03	70H4
15	HIF3E	A	ST			.650	PLYR	Y	10,16,20,26,30,34,40,50,60 Contacts	HRS03	70H1
16	HIF3E	B	ST			.650	PLYR	Y	10,16,20,26,30,34,40,50,60 Contacts	HRS03	70H2
17	HIF3F	A	ST			.650	PLYR	Y	10,16,20,26,30,34,40,50,60 Contacts	HRS03	70H5
18	HIF3F	B	ST			.650	PLYR	Y	10,16,20,26,30,34,40,50,60 Contacts	HRS03	70H6
19	HIF3FA		ST			.650	PLYR	Y	10,14,16,20,26,30,34,40,50,60 Contacts	HRS03	70H7
20	HIF3H-P		ST			.650	PLYR	Y	10,16,20,26,30,34,40,50,60 Contacts	HRS03	70H8
21	4101	A				.500	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts, No Latch	HTC1	0G01
22	4101	B	90			.500	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts	HTC1	0G01
23	4102	A				.500	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts, Short Latch	HTC1	0G01
24	4102	B	90			.500	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts, Short Latch	HTC1	0G01
25	4103	A				.500	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts, Long Latch	HTC1	0G01
26	4103	B	90			.500	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts, Long Latch	HTC1	0G01
27	4121	A				.500	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts, No Latch	HTC1	0G01
28	4121	B	90			.500	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts, No Latch	HTC1	0G01
29	4122	A				.500	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts, Short Latch	HTC1	0G01
30	4122	B	90			.500	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts, Short Latch	HTC1	0G01
31	4123	A				.500	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts, Long Latch	HTC1	0G01
32	4123	B	90			.500	PLYR	Y	10,14,16,20,26,34,40,50,60 Contacts, Long Latch	HTC1	0G01
33	2200	A	ST						Contact Plating Au or Sn		
34	2200	B	ST						Contact Plating Au or Sn		
35	2300	A	ST						Contact Plating Au or Sn		
36	2300	B	ST						Contact Plating Au or Sn		
37	6201 SERIES	A	ST	Fing			PBT	Y	10,14,16,20,26,30,34,40,50,60 Contacts	KAM05	0H21h
38	6201 SERIES	B	ST	Fing			PBT	Y	10,14,16,20,26,30,34,40,50,60 Contacts	KAM05	0H24g
39	6231 SERIES	A	ST				PBT	Y	10,20,26,34,40,50,60 Contacts	KAM06	0H14c
40	6231 SERIES	B	ST				PBT	Y	10,20,26,34,40,50,60 Contacts	KAM06	0H15c
41	2575P	A					PLYR	Y	10,14,16,20,26,30,34,40,50,60 Contacts, Sn or Au Plating See Number Key	LEOC09	56P5
42	2575P	B					PLYR	Y	10,14,16,20,26,30,34,40,50,60 Contacts, Sn or Au Plating See Number Key	LEOC09	56P6
43	16602								Contact Plating Au or Sn, 10,14,16,20,26,34,40,44,50,56,60 Contacts		8H4
44	16603								Contact Plating Au or Sn,10,14,16,20,26,34,40,44,50,56,60 Contacts		8H4
45	16686								Contact Plating Au or Sn,10,14,16,20,26,34,40,44,50,56,60 Contacts		8H4
46	16687						PLYR	Y	Contact Plating Au or Sn, 10,14,16,20,26,34,40,44,50,56,60 Contacts		8H4
47	70090					1.00	THPL	Y	Force 24oz In/10oz Out, W/Wo Mounting Ears	MMM01	38P6
48	3372 SERIES	A				1.00	THPL	Y	Avail W/Short, Long or No Ejector/Latch, Also Avail W/Ejector Only	MMM01	28H1
49	3372 SERIES	B				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H1
50	3372 SERIES	C				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H2
51	3372 SERIES	D				1.00	THPL	Y	Avail W/Short, Long or No Latch/Ejector, Also Avail W/Ejector Only	MMM01	28H2
52	3597 SERIES	A				1.00	THPL	Y	4-Wall Low Profile	MMM02	28H3
53	3597 SERIES	B				1.00	THPL	Y	4-Wall Low Profile	MMM02	28H3
54	IDH	A				.500	PLYR	O	10,14,16,20,26,34,40,50,60 Contacts		107P1
55	IDH	B				.500	PLYR	O	10,14,16,20,26,34,40,50,60 Contacts		107P1
56	8613	B				1.00	PLYR	Y	10,14,16,20,26,34,40,50,60 Cntcts,MIL-C-83503,BS9525,BT224,HEID,DIN41651	SOU08	66H1
57	8613	C				1.00	PLYR	Y	10,14,16,20,26,34,40,50,60 Cntcts,MIL-C-83503,BS9525,BT224,HEID,DIN41651	SOU08	66H1
58	500 SERIES	A				.500	THPL	Y	10,14,16,20,26,34,40,44,50,56,60 Contacts		68P8
59	500 SERIES	B				.500	THPL	Y	10,14,16,20,26,34,40,44,50,56,60 Contacts		68P8
60	H10-3	A	ST	Thru		.500	PLYR	O	10,14,16,20,26,34,40,50,60 Contacts,Type 1		24H1
61	H10-3	B	ST	Thru		.500	PLYR	O	10,14,16,20,26,34,40,50,60 Contacts,Type 1		24H1
62	H10-6	A	ST	Thru		.500	PLYR	O	10,14,16,20,26,34,40,50,60 Contacts,Type 2		24H1
63	H10-6	B	ST	Thru		.500	PLYR	O	10,14,16,20,26,34,40,50,60 Contacts,Type 2		24H1
64	H10-7	A	ST			.500	PLYR	O	10,14,16,20,26,34,40,50,60 Contacts,Type 3		24H1
65	H10-7	B	ST			.500	PLYR	O	10,14,16,20,26,34,40,50,60 Contacts,Type 3		24H1
66	IDH	A					PLYR	O	10,14,16,20,26,34,40,50,60 Contacts	TXT10	55P6
67	IDH	B					PLYR	O	10,14,16,20,26,34,40,50,60 Contacts	TXT10	55P6
68	52-11		ST	Thru			PBT	O	10,16,26,34,40,50,60 Contacts	WCH29	14H1
69	52-1111		ST	Thru			PBT	O	10,16,26,34,40,50,60 Contacts	WCH29	14H2
70	68-10		ST				PBT	O	14,14,16,20,26,34,40,50,60 Contacts	WCH31	14P8
71	70-10-1		ST				PBT	O	10,14,16,20,26,34,40,50,60 Contacts	WCH32	14H8
72	80-10-0		ST	Thru			PBT	O	10,14,16,20,26,34,40,50,60 Contacts	WCH33	14H9
73	80-10-1		ST	Thru			PBT	O	10,14,16,20,26,34,40,50,60 Contacts	WCH33	14H10
74	842-816	A				1.00	THPL	Y	10,14,16,20,26,30,34,40,50,60,64 Contacts,Short,Long and No Lock w/Eject	AAP8	0H26f
75	842-816	B				1.00	THPL	Y	10,14,16,20,26,30,34,40,50,60,64 Contacts,Short,Long and No Lock w/Eject	AAP8	0H30f
76	746365		ST				THPL	Y	10,14,16,20,24,26,30,34,40,44,50,60,64 Contacts		29P28
77	746368		ST				THPL	Y	10,14,16,20,24,26,30,34,40,44,50,60,64 Contacts		29P29
78	929310						PLYR	O	10,14,16,20,26,34,40,50,60,64 Contacts, Low Profile, 4 Wall Boxed	APT07	93H17a
79	929320						PLYR	O	10,14,16,20,26,34,40,50,60,64 Contacts, Low Profile, 4 Wall Boxed	APT07	93H17a
80	929330						PLYR	O	10,14,16,20,26,34,40,50,60,64 Contacts, Low Profile, 4 Wall Boxed	APT07	93H17b
81	929340						PLYR	O	10,14,16,20,26,34,40,50,60,64 Contacts, Low Profile, 4 Wall Boxed	APT07	93H17b
82	AXM	C	ST			.750		Y	10,14,16,20,26,30,34,40,50,60,64 Contacts, Long Lever	ARO01	90H1
83	AXM	D	90			.750		Y	10,14,16,20,26,30,34,40,50,60,64 Contacts,Long Lever	ARO01	90H1
84	AXM	E	ST			.750		Y	10,14,16,20,26,30,34,40,50,60,64 Contacts, Short Lever	ARO01	90H2
85	AXM	F	90			.750		Y	10,14,16,20,26,30,34,40,50,60,64 Contacts,Short Lever	ARO01	90H2
86	AXM	G	ST			.750		Y	10,14,16,20,26,30,34,40,50,60,64 Contacts,No Lever	ARO01	90H3
87	AXM	H	90			.750		Y	10,14,16,20,26,30,34,40,50,60,64 Contacts,No Lever	ARO01	90H3
88	AXP	B	ST			.750		Y	10,14,16,20,26,30,34,40,50,60 Contacts,Mini-Dip Type,	ARO04	90H6

PLUGS, HEADER PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		EMI	Insulator		Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type		DWV (KV)	Material				
2 ROWS, PITCH .100" (2.54mm) (Cont'd)											
1	ASCEN		ST			.500			10,16,20,26,30,34,40,50,60,64 Contacts,Without Mounting Ear	ASLH6	86H3
2	ASFSHL	A	ST			.500		Y	Contact Plating Au or Sn	ASLH1	86H1
3	ASFSHL	B	90			.500		Y	Contact Plating Au or Sn	ASLH1	86H1
4	ASFSHN	A	ST			.500		Y	Contact Plating Au or Sn	ASLH1	86H1
5	ASFSHN	B	90			.500		Y	Contact Plating Au or Sn	ASLH1	86H1
6	ASFSHS	A	ST			.500		Y	Contact Plating Au or Sn	ASLH1	86H1
7	ASFSHS	B	90			.500		Y	Contact Plating Au or Sn	ASLH1	86H1
8	ASLPSPH	A	ST			.500		Y	Contact Plating Au or Sn	ASLH2	86H2
9	ASLPSPH	B	90			.500		Y	Contact Plating Au or Sn	ASLH2	86H2
10	14000						PLYR		10,16,20,26,34,40,50,60,64 Contacts		83H5
11	14001						PLYR		10,16,20,26,34,40,50,60,64 Contacts		83H5
12	14003						PLYR		10,16,20,26,34,40,50,60,64 Contacts		83H5
13	14004						PLYR		10,16,20,26,34,40,50,60,64 Contacts		83H5
14	15000						PLYR		10,16,20,26,34,40,50,60,64 Contacts		83H6
15	15001						PLYR		10,16,20,26,34,40,50,60,64 Contacts		83H6
16	15003						PLYR		10,16,20,26,34,40,50,60,64 Contacts		83H6
17	15004						PLYR		10,16,20,26,34,40,50,60,64 Contacts		83H6
18	16000						PLYR		10,16,20,26,34,40,50,60,64 Contacts		83H7
19	16001						PLYR		10,16,20,26,34,40,50,60,64 Contacts		83H7
20	17000						PLYR		10,16,20,26,34,40,50,60,64 Contacts		83H8
21	17001						PLYR		10,16,20,26,34,40,50,60,64 Contacts		83H7
22	IB SERIES	A		Othr		.500	PLYR	Y	10,14,16,20,26,34,40,44,50,56,60,64 Contacts, 4-Wall	EBY12	41P3
23	IB SERIES	B		Othr		.500	PLYR	Y	10,14,16,20,26,34,40,44,50,56,60,64 Contacts, 4-Wall	EBY12	41P3
24	11		ST	Fing					10,14,16,20,26,34,40,50,60,64 Contacts,Short or Long Latch or No Ejector	EMSB05	88P1
25	HIF3BC	A	ST	Thru		.650	PLYR	Y	10,16,20,26,30,34,40,50,60,64 Contacts	HRS03	70H11
26	HIF3BC	B	ST	Thru		.650	PLYR	Y	10,16,20,26,30,34,40,50,60,64 Contacts	HRS03	70H12
27	HIF3BD	A	ST	Thru		.650	PLYR	Y	10,14,16,20,26,30,34,40,50,60,64 Contacts	HRS03	70H10
28	HJIF3BA		ST	Thru		.650	PLYR	Y	10,14,16,20,26,30,34,40,50,60,64 Contacts	HRS03	70H9
29	4142	A				.500	PLYR	Y	10,14,16,20,26,34,40,44,50,56,60,64 Contacts	HTC2	0G01
30	4142	B	90			.500	PLYR	Y	10,14,16,20,26,34,40,44,50,56,60,64 Contacts	HTC2	0G01
31	2545P	A	90	Thru			PLYR	Y	10,14,16,20,26,30,34,40,50,60,64 Contacts, With/Without Eject	LEOC03	56P25
32	2545P	B	90	Thru			PLYR	Y	10,14,16,20,26,30,34,40,50,60,64 Contacts, With/Without Eject	LEOC03	56P2
33	051	A							10,14,16,20,26,34,40,50,60 Contacts, Sn or Au Plating	PAN01	0H3ao
34	051	B							10,14,16,20,26,34,40,50,60 Contacts, Sn or Au Plating	PAN01	0H4j
35	609 SERIES	D				.500	THPL	Y	6,10,14,16,20,24,26,34,36,40,44,50,56,60,64 Contacts		68P3
36	609 SERIES	E				.500	THPL	Y	6,10,14,16,20,24,26,34,36,40,44,50,56,60,64 Contacts		68P3
37	609 SERIES	F				.500	THPL		10,14,16,20,26,34,40,50,60,64 Contacts, W/Wo Strain Relief or Ejector		68P4
38	609 SERIES	G				.500	THPL		10,14,16,20,26,34,40,50,60,64 Contacts, W/Wo Strain Relief or Ejector		68P5
39	612 SERIES	A				.500	THPL		10,14,16,20,26,34,40,50,60,64 Contacts, W/Wo Strain Relief or Ejector		68P4
40	612 SERIES	B				.500	THPL		10,14,16,20,26,34,40,50,60,64 Contacts, W/Wo Strain Relief or Ejector		68P5
41	700 SERIES	B				.500	PLYR		10,14,16,20,26,34,40,50,60,64 Contacts		68P6
42	700 SERIES	C				.500	PLYR		10,14,16,20,26,34,40,50,60,64 Contacts		68P7
43	LPH	A					PLYR		10,14,16,20,26,34,40,44,50,56,60,64 Contacts		55P7
44	LPH	B					PLYR		10,14,16,20,26,34,40,44,50,56,60,64 Contacts		55P7
45	70-10-0		ST				PBT	O	10,14,16,20,26,34,40,50,60 Contacts	WCH32	14H7
46	78-10		ST	Thru				Y	10,14,16,20,26,34,40,50,60,64 Contacts	WCH21	
47	79-10		ST	Thru				Y	10,14,16,20,26,34,40,50,60,64 Contacts	WCH21	
48	85-10-0		ST	Thru			PBT	Y	10,14,16,20,26,34,40,50,60,64 Contacts	WCH30	14H3
49	85-10-1		ST	Thru			PBT	Y	10,14,16,20,26,34,40,50,60,64 Contacts	WCH30	14H4
50	86-10-0		ST	Thru			PBT	Y	10,14,16,20,26,34,40,50,60,64 Contacts	WCH30	14H5
51	86-10-1		ST	Thru			PBT	Y	10,14,16,20,26,34,40,50,60,64 Contacts	WCH30	14H6
52	FAP-01	A	90	Thru		.700	PBT	O	10,16,20,26,30,34,40,50,60,64 Cntcts,Add'l Features, Ref Mfr Number Key	YEI01	97H1
53	FAP-01	B	90	Thru		.700	PBT	O	10,16,20,26,30,34,40,50,60,64 Cntcts,Add'l Features, Ref Mfr Number Key	YEI01	97H1
54	FAP-02B	A	90	Thru		.700	PBT	O	10,16,20,26,30,34,40,50,60,64 Contacts, Without Latches	YEI03	97H2
55	FAP-02B	B	90	Thru		.700	PBT	O	10,16,20,26,30,34,40,50,60,64 Contacts, Without Latches	YEI03	97H2
56	FAP-07	A	90	Thru		.700	PBT	O	10,16,20,26,30,34,40,50,60,64 Contacts, With Long Latches	YEI03	97H3
57	FAP-07	B	90	Thru		.700	PBT	O	10,16,20,26,30,34,40,50,60,64 Contacts, With Long Latches	YEI03	97H3
58	FAP-08	A	90	Thru		.700	PBT	O	10,16,20,26,30,34,40,50,60,64 Cntcts,Add'l Features, Ref Mfr Number Key	YEI04	97H4
59	FAP-08	B	90	Thru		.700	PBT	O	10,16,20,26,30,34,40,50,60,64 Cntcts,Add'l Features, Ref Mfr Number Key	YEI04	97H4
60	910-8					.250	PLYR	Y	Force 10oz INS, 2oz SEP, 2,3,4,...65 Contacts, See Mfr Number Key	MEI10	0H16a
61	910-9					.250	PLYR	Y	Force 10oz INS, 2 oz SEP, 2,3,4,...65 Contacts, See Mfr Number Key	MEI10	0H20a
62	6600					.500	PBT		2,4,6,...-60 Contact,See Mfr Number Key for Options	MRC04	0H4e
63	AWLA		ST			.750	PLYR		2x2,4,5,7,8,10,12,13,17,20,25,30,32,34 Contacts		79H19
64	842-800	B				.500	THPL		.100,200,300 Pin Lengths, 10,14,16,20,26,34,40,50,60,72 Contacts		0H2ak
65	842-801	B				.500	THPL		.100,200,300 Pin Lengths, 10,14,16,20,26,34,40,50,60,72 Contacts		0H4ah
66	929665						PLYR		Contact Length .235in, Tail Post Length Optional	APT01	93H1b
67	929665						PLYR		Contact Length .235in,Tail Post Optional	APT01	93H01b
68	929666						PLYR		Contact Length .235in,Tail Post Length Optional	APT01	93H01c
69	929666						PLYR		Contact Length .235in, Tail Post Length Optional	APT01	93H1c
70	929667						PLYR		Contact Length .235in, Tail Post Length Optional	APT01	93H2b
71	929667						PLYR		Contact Length .235in,Tail Post Length Optional	APT01	93H02b
72	929668						PLYR		Contact Length .235in,Tail Post Length Optional	APT01	93H02c
73	929668						PLYR		Contact Length .235in, Tail Post Length Optional	APT01	93H2c
74	929710						PLYR		Contact Length .318in, Tail Post Length Optional	APT01	93H5b
75	929710						PLYR		Contact Length .318in,Tail Post Length Optional	APT01	93H05b
76	929715						PLYR		Contact Length .318in,Tail Post Length Optional	APT01	93H05b
77	929715						PLYR		Contact Length .318in, Tail Post Length Optional	APT01	93H5b
78	929720						PLYR		Contact Length .318in, Tail Post Length Optional	APT01	93H5c
79	929720						PLYR		Contact Length .318in,Tail Post Length Optional	APT01	93H05c
80	929725						PLYR		Contact Length .318in,Tail Post Length Optional	APT01	93H06
81	929725						PLYR		Contact Length .318in, Tail Post Length Optional	APT01	93H5c
82	929740						PLYR		Contact Length .318in, Tail Post Length Optional	APT01	93H7
83	929740						PLYR		Contact Length .318in,Tail Post Length Optional	APT01	93H07
84	929745						PLYR		Contact Length .318in,Tail Post Length Optional	APT01	93H07
85	929745						PLYR		Contact Length .318in, Tail Post Length Optional	APT01	93H7
86	929750						PLYR		Contact Length .318in, Tail Post Length Optional	APT01	93H8
87	929750						PLYR		Contact Length .318in,Tail Post Length Optional	APT01	93H08
88	929755						PLYR		Contact Length .318in,Tail Post Length Optional	APT01	93H08

PLUGS, HEADER PRODUCT SELECTION

Line No.	Type Identification	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Variation	Angle	Type	EMI	DWV (KV)				
2 ROWS, PITCH .100" (2.54mm) (Cont'd)										
1	929755							Contact Length .318in, Tail Post Length Optional	APT01	93H8
2	929836							Contact Length .235in Tail Post Length Optional	APT01	93H1b
3	929836							Contact Length .235in, Tail Post Length Optional	APT01	93H01b
4	929837							Contact Length .235in, Tail Post Length Optional	APT01	93H01c
5	929837							Contact Length .235in, Tail Post Length Optional	APT01	93H1c
6	929838							Contact Length .235in, Tail Post Length Optional	APT01	93H2b
7	929838							Contact Length .235in, Tail Post Length Optional	APT01	93H02b
8	929839							Contact Length .235in, Tail Post Length Optional	APT01	93H02c
9	929839							Contact Length .235in, Tail Post Length Optional	APT01	93H2c
10	AWL		ST			.750	PLYR	2x2,4,5,6,7,10,12,13,17,20,25,30,32,34,36 Contacts		79H18
11	AWL		ST			.750	PLYR	2x2,4,5,7,8,10,12,13,17,20,25,30,32,34,36 Contacts		79H5
12	AWLA		90			.750	PLYR	2x2,4,5,7,8,10,12,13,17,20,25,30,32,34,36 Contacts		79H6
13	12000						PLYR			83H3
14	12001						PLYR			83H3
15	12002						PLYR			83H3
16	12003						PLYR			83H3
17	12004						PLYR			83H3
18	12005						PLYR			83H3
19	12009						PLYR			83H3
20	12010						PLYR			83H3
21	12011						PLYR			83H3
22	12012						PLYR			83H3
23	12013						PLYR			83H3
24	12014						PLYR			83H3
25	12020						PLYR			83H11a
26	12022						PLYR			83H11
27	12023						PLYR			83H11b
28	12027						PLYR			83H11c
29	12030						PLYR			83H11c
30	13000						PLYR			83H4
31	13001						PLYR			83H4
32	13002						PLYR			83H4
33	13003						PLYR			83H4
34	13004						PLYR			83H4
35	13005						PLYR			83H4
36	13009						PLYR			83H4
37	13010						PLYR			83H4
38	13011						PLYR			83H4
39	13012						PLYR			83H4
40	13013						PLYR			83H4
41	13014						PLYR			83H4
42	CA-D**	B	ST			.500	NYL	Contact Plating Au or Sn	CAC14	83H4
43	CA-D**R	B	ST			.500	NYL	Contact Plating Au or Sn	CAC15	0H3d
44	RCVH-2	A				1.00	THPL	10,14,16,20,26,34,40,50,60,64,72 Contacts, .102,.165,.610in Tail Length		0H4m
45	RCVH-2	B				1.00	THPL	10,14,16,20,26,34,40,50,60,64,72 Contacts, .102,.165,.610in Tail Length		0H3ab
46	8723					.600	PLYR	Even Number Contacts Only, Au or Sn Plating		38P2
47	8724					.600	PLYR	Even Number Contacts Only, Au or Sn Plating		38P3
48	BST-136	A					PLYR	72 Contacts Standard, Bottom Shroud	SMI19	
49	BST-136	B	90				PLYR	72 Contacts Standard, Bottom Shroud	SMI19	
50	DW-36	B					PLYR	72 Contacts Standard, 2.79mm Tail	SMI18	
51	EW-36	B					PLYR	72 Contacts Standard, 8.38mm Tail	SMI18	
52	LBS-136	B					PLYR	72 Contacts Standard	SMI28	
53	MTSW	C					PLYR	72 Contacts Standard, 5oz INS and SEP	SMI17	
54	MTSW	D	90				PLYR	72 Contacts Standard, 5oz INS and SEP	SMI17	
55	TMH-136	C					PLYR	72 Contacts Standard	SMI15	
56	TMH-136	D		Glwg			PLYR	72 Contacts Standard	SMI15	
57	TSW-136	C		Prll			PLYR	72 Contacts Standard	SMI13	
58	TSW-136	D					PLYR	72 Contacts Standard	SMI13	
59	ZW-36	B					PLYR	72 Contacts Standard, 4.06mm Tail	SMI18	
60	PXC36DAAN						PBT	.025in Sq Post, 30 Microinch Au on Contact, 100 Microinch Sn on Tail		0H3w
61	PXC36DBAN						PBT	.025in Sq Post, 30 Microinch Au on Contact, 100 Microinch Sn on Tail		0H4ah
62	PZC36DAAN						PBT	.025in Sq Post, 10 Microinch Au on Contact, 100 Microinch Sn on Tail		0H3w
63	PZC36DBAN						PBT	.025in Sq Post, 10 Microinch Au on Contact, 100 Microinch Sn on Tail		0H4ah
64	082	C					PLYR	Au or Sn Plated, Tail Lengths Available .100,.400,.600in, Post .025" Sq.	TPI04	69H9c
65	082	D					PLYR	Au or Sn Plated, Tail Lengths Available .100,.400,.600in, Post .025" Sq.	TPI04	69H9d
66	442	B				2.40	PLYR	See Mfr Number Key for Options	WCC06	0H3aj
67	444	B				2.40	PLYR	See Mfr Number Key for Options	WCC07	0H4d
68	102944		ST				THPL	Contact Plating Au or Sn, Unshrouded		0H3y
69	102946		ST				THPL	Contact Plating Au or Sn, Breadaway-Unshrouded		0H4aj
70	103328		ST				THPL	Contact Plating Au or Sn, Breadaway-Unshrouded		0H3z
71	103330		ST				THPL	Contact Plating Au or Sn, Breadaway-Unshrouded		0H4ak
72	87227		ST				THPL	Contact Plating Au or Sn, Unshrouded		0H3x
73	87230		ST				THPL	Contact Plating Au or Sn, Unshrouded		0H4ai
74	901-2						THPL	2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H3i
75	901-4		90				THPL	2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H4q
76	901-6		90				THPL	2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H4x
77	902-2						THPL	2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H3j
78	902-4		90				THPL	2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H4r
79	902-6		90				THPL	2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H4y
80	903-2						THPL	2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H3k
81	903-4		90				THPL	2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H4s
82	903-6		90				THPL	2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H4z
83	904-2						THPL	2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H3l
84	904-4		90				THPL	2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H4t
85	904-6		90				THPL	2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H4aa
86	905-2						THPL	2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H3m
87	905-4		90				THPL	2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H4u
88	905-6		90				THPL	2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H4ab

PLUGS, HEADER PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		EMI	Insulator		Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type		DWV (KV)	Material				
2 ROWS, PITCH .100" (2.54mm) (Cont'd)											
1	906-2					THPL			2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H3n
2	906-4		90			THPL			2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H4v
3	906-6		90			THPL			2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H4ac
4	907-2					THPL			2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H3o
5	907-4		90			THPL			2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H4w
6	907-6		90			THPL			2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H4ad
7	908-2					THPL			2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H3p
8	909-2					THPL			2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H3q
9	910-2					THPL			2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H3r
10	911-2					THPL			2-80 Pins, Au or Sn Plating, Breakaway Style	ARS01	0H3s
11	473	A				PLYR	.500		Snap Pin, 2-80, Even Only, Au or Sn Plating	CTL01	0H3t
12	473	B				PLYR	.500		Snap Pin, 2-80, Even Only, Au or Sn Plating	CTL01	0H3u
13	474	A				PLYR	.500		Snap Pin, 2-80, Even Only, Au or Sn Plating	CTL01	0H4ae
14	474	B				PLYR	.500		Snap Pin, 2-80, Even Only, Au or Sn Plating	CTL01	0H4af
15	4161	A				PLYM	.500		10,14,16,20,26,34,40,50,60,80 Contacts,Plating Au over Ni or Sn over Lea	HTC3	0G01
16	4161	P	90			PLYM	.500		10,14,16,20,26,34,40,50,60,80 Contacts,Plating Au over Ni or Sn over Lea	HTC3	0G01
17	2548P					PLYR			4,6,8...80 Contacts, See Mfr Number Key for Options	LEOC08	0H3ac
18	2549P					PLYR			4,6,8...80 Contacts, See Mfr Number Key for Options	LEOC08	0H4an
19	169	A	90	Brkt		PLYM			Force .5oz min per Contact INS/SEP, Use 027-XXXX-447 Series Contacts		80H1a
20	9100	C				PLYR			4,6,8,...80 Contacts		64H6
21	70203	A				PLYR	.600		Even Number Contact Only, Breakaway, Au or Sn Plating		0H4f
22	70203	B				PLYR	.600		Even Number Contact Only, Breakaway, Au or Sn Plating		0H4g
23	70203	C				PLYR	.600		Even Number Contact Only, Breakaway, Au or Sn Plating		0H4h
24	70203	D				PLYR	.600		Even Number Contact Only, Breakaway, Au or Sn Plating		0H4i
25	70216	A				PLYR	.600		Even Number Contact Only, Breakaway, Au or Sn Plating		0H4j
26	70216	B				PLYR	.600		Even Number Contact Only, Breakaway, Au or Sn Plating		0H4k
27	70216	C				PLYR	.600		Even Number Contact Only, Breakaway, Au or Sn Plating		0H4l
28	70216	D				PLYR	.600		Even Number Contact Only, Breakaway, Au or Sn Plating		0H4m
29	7723					PLYR	.600		Even Number Contacts Only, Au or Sn Plating		38P1
30	8624	A				PLYR	.600		Even Number Contact Only, Breakaway, Au or Sn Plating		0H3ak
31	8624	B				PLYR	.600		Even Number Contact Only, Breakaway, Au or Sn Plating		0H3al
32	8624	C				PLYR	.600		Even Number Contact Only, Breakaway, Au or Sn Plating		0H3am
33	8624	D				PLYR	.600		Even Number Contact Only, Breakaway, Au or Sn Plating		0H3an
34	PLD01R					PBT			02 Thru 80 Contacts, Pin Length 6.0mm	SCEC06	0H4n
35	PLD01S					PBT			02 Thru 80 Contacts, Pin Length 6.0mm	SCEC06	0H3f
36	HS80					PLYR			Snappable Header Strip		0H3i
37	HS80-R					PLYR			Snappable Header Strip		0H4ad
38	UFP-A	C				PBT	1.00		2 Thru 80 Contacts		97H7
39	UFP-A	D				PBT	1.00		2 Thru 80 Contacts		97H8
40	KG SERIES	A		Guide		PLYM	1.00		22,24,44,46,66,68,90 Brass, BeCu, or BPrz Contacts	HPT06	62P11
41	KG SERIES	C		Guide		PLYM	1.00		22,24,44,46,66,68,90 Brass, BeCu, or PBrz Contacts	HPT06	62P11
42	CSU021		ST			NYL			Sep. .54oz.,Pin Strip,Fracture Point at Each 2 Pin Row		31H10
43	CSU022		ST			NYL			Sep. .54oz.,Pin Strip,Fracture Points at Each 2 Pin Row		31H12
44	CSU023		ST			NYL			Sep. .54oz.,Double Insulator Pin Strip,Fracture Points at Each 2 Pin Row		31H14
45	CSU121		ST			NYL			Sep. .54oz.,Pin Strip,Fracture Points at Each 2 Pin Row		31H10
46	CSU122		ST			NYL			Sep. .54oz.,Pin Strip,Fracture Points at Each 2 Pin Row		31H12
47	CSU123		ST			NYL			Sep. .54oz.,Double Insulator Pin Strip,Fracture Points at Each 2 Pin Row		31H14
48	L2359					NOR	1.00		12.4mm Pins,Double Row		50H2
49	L2359					NOR	1.00		12.4mm Pins,Double Row		50H2
50	L2367A					NOR	1.00		12.4mm Pins,Double Row		50H1
51	L2367A					NOR	1.00		12.4mm Pins,Double Row		50H1
52	L2369A					NOR	1.00		12.4mm Pins,Double Row		50H1
53	L2369A					NOR	1.00		12.4mm Pins,Double Row		50H1
54	2,54 MSAR 2					PLYM	2.00		4-100 Contacts, (x2), Plating Option Au or Sn		63H16
55	2,54 MSAR 28					PLYM	2.00		4-100 Contacts, (x2), Plating Option Au or Sn		63H17
56	102589	A	ST	Fing		THPL	.500		12,20,24,30,36,40,50,60,70,80,90,96,100,110,120 Contacts	CAC21	29H15
57	CA-D**		ST			NYL	.500		Contact Plating Au or Sn		0H3e
58	102589-8		ST			THPL	.750	Y	Terminal Length 3.18mm		29H2
59	102567		ST			THPL	.750	Y	12,20,24,30,36,40,50,60,70,72,80,86,90,96,100,110,120,130,140,200 Contac		29H16
60	102567-8		ST			THPL	.750	Y	Terminal Length 4.57mm or ACTION Pin Posts		29H1
61	102584		ST			PPS		Y	12,20,24,30,36,40,50,60,70,72,80,86,90,96,100,120,130,140,200 Contacts		29H17
2 ROWS, PITCH MISC.											
62	M SERIES	A	90			NYL	1.00	O	User Defined Number of Contacts		39H1
63	M SERIES	B	90			NYL	1.00	O	User Defined Number of Contacts		39H1
64	M SERIES	C	90			NYL	1.00	O	User Defined Number of Contacts		39H1
65	HIF3B	B	ST			PBT	.650				
66	MDSTB	A	ST			PLYM		Y	Horizontal Double Level Header		
67	MDSTB	B	ST			PLYM		Y	Horizontal Double Level Header		
68	MDSTBV	A	ST			PLYM		Y	Vertical Double Level Header		
69	MDSTBV	B	ST			PLYM		Y	Vertical Double Level Header		
70	M20-980		ST			PLYR	.750		Au or Sn Plating		25H5
71	FM1	A	ST			PLYR	.300		Force 40-500Gr/ Pin INS/SEP		120H11
72	FM1	B	90			PLYR	.300		Force 40-500Gr/ Pin INS/SEP		120H11
73	350431					THPL		Y	Contact Plating Au or Sn,6,9,12,15 Contacts,Dual Locking Latches		29H4
74	380999		ST			NYL		Y	6,8,10,12,16 Contacts,Dual Lance Motor Mount		29H7
75	HIF6-20P	B	ST	Thru		PBT	.300	Y	20,26,32,34,40,50,52,60,68,80,100 Contacts,With Latch/Eject Levers	HRS10	120H2
76	MICS					PBT	.750		4,6,8,10,12,14,16,18,20 Contacts, Force 1.44oz INS/SEP		63H13
77	3466 SERIES	A				THPL	1.00		Communications Equipment Applications		28H4
78	3466 SERIES	B				THPL	1.00		Communications Equipment Applications		28H4
79	300	A		Stud		DAP	3.60	Y	7,15,19,25 Contact		42P1
80	300	B		Stud		DAP	3.60	Y	7,15,19,25 Contact		42P1
81	1500-004-01					PLYR	.500		Other Platings Available Consult Mfr		41P4
82	3467 SERIES	A				THPL	1.00		Communications Equipment Applications		28H5
83	3467 SERIES	B				THPL	1.00		Communications Equipment Applications		28H5
84	901	C	ST			THPL	.500	Y	10,14,16,20,26,30 Contacts,Fully Shrouded		90H4
85	A3-4P	A	ST			PBT	.500		4,6,8,10,12,14,16,18,20,22,24,26,28,30,32 Contacts	HRS12	0H3af

PLUGS, HEADER PRODUCT SELECTION

Line No.	Type Identification	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Variation	Angle	Type	EMI	DWV (KV)				
2 ROWS, PITCH MISC. (Cont'd)										
1	A3-4P	B	ST			.500	PBT	4,6,8,10,12,14,16,18,20,22,24,26,28,30,32 Contacts	HRS12	120H7
2	A3-4P	A	ST			.500	PBT	4,6,8,10,12,14,16,18,21,22,24,26,28,31,32 Contacts	HRSJ03	0H3af
3	A3-4P	B	ST			.500	PBT	4,6,8,10,12,14,16,18,20,22,24,26,28,30,32 Contacts	HRSJ03	120H7
4	840-FRC3	B				.500	PBT	16,20,34 Contacts, Long, Short and No Locks	AAP10	0H21f
5	840-FRC3	C				.500	PBT	16,20,34 Contacts, Long, Short and No Locks	AAP10	0H24e
6	AW140		ST			1.00	PLYR			79H13
7	AW2.51		ST	Fing		.750	PLYR	7,10,13,15,18,19,20,22,23,25,31,37 Contacts/Row,Dip Solder or Hand Solde	ASM05	79H11
8	901	J	90			.500	THPL	9,15,25,37 Contacts,Plastic or Metal Shell		0G01
9	901	K	90			.500	THPL	9,15,25,37 Contacts,Plastic or Metal Shell		0G01
10	AXL	A				.750	PBT	10,14,16,20,26,30,34,40 Contacts		90H4
11	AXL	B				.750	PBT	10,14,16,20,26,30,34,40 Contacts		90H4
12	LTD		ST			.350	PLYR	14,16,24,40 Contacts		41P5
13	5243-NA					1.00	NYL	Staggered Pin Length, Mates w/5242-NCHPB		38P9
14	AXL	C				.750	PBT	10,14,16,20,26,30,34,40,50 Contacts		90H5
15	AXL	D				.750	PBT	10,14,16,20,26,30,34,40,50 Contacts		90H5
16	110 SERIES	C	ST				THPL	20,26,34,40,50 Contacts		11H1
17	110 SERIES	D	ST				PLYR	20,26,34,40,50 Contacts		11H2
18	MH	A	ST			5.00	THPL			18P1
19	MH	B	ST			5.00	THPL			81P1
20	469-9						PLYR	10,14,16,20,26,34,40,50 Contacts		0H13e
21	470-0						PLYR	10,14,16,20,26,34,40,50 Contacts		0H12e
22	471-1						PLYR	10,14,16,20,26,34,40,50 Contacts		0H13f
23	AW3.91		90	Fing		.750	PLYR	6,10,12,15,18,22,30,31,36,43,50,55 Contacts/Row,Dip Solder or Hand Solde	ASM03	79H12
24	901	D	ST			.500	THPL	10,14,16,20,26,30,34,40,50,60 Contacts,Optional Long or Short Latches		79H2
25	901	E	ST			.500	THPL	10,14,16,20,26,30,34,40,50,60 Contacts,Optional Long or Short Latches		70H2
26	901	F	90			.500	THPL	10,14,16,20,26,30,34,40,50,60 Contacts,Optional Long or Short Latches		70H1
27	901	R	ST			.500	PLYR	10,14,16,20,26,30,34,40,50,60 Contacts,W/Wo Mounting Lugs/Strain Relief		34P5
28	FCN-702P/F					.500	PBT	10,14,16,20,26,30,34,40,50,60 Cntcts,Partially Shrouded,Latch Hook Avail		34H1
29	FCN-702Q/G					.500	PBT	10,14,16,20,26,30,34,40,50,60 Cntcts,Fully Shrouded,Latch Hook Avail		34H2
30	FCN-704P/F					.500	PBT	10,14,16,20,26,30,34,40,50,60 Cntcts,Partially Shrouded,Latch Hook Avail		34H1
31	FCN-705P/F					.500	PBT	10,14,16,20,26,30,34,40,50,60 Cntcts,Partially Shrouded,Latch Hook Avail		34H1
32	LTH	A				.350	PLYR	10,16,20,26,34,40,50,60 Contacts Avail W/Wo Strain Relief		34P1
33	LTH	B	90			.350	PLYR	10,16,20,26,34,40,50,60 Contacts Avail W/Wo Strain Relief		34P1
34	HIF3E	A	ST					10,12,16,18,20,26,30,34,40,50,60 Contacts		
35	HIF3E	B	ST					10,12,16,18,20,26,30,34,40,50,60 Contacts		
36	BCO-40			Fing	X	1.00	PBT	10,14,16,20,26,34,40,50,60 Contacts, No Latch, Crossover Pins		6P2
37	BCO-41			Fing	X	1.00	PBT	10,14,16,20,26,34,40,50,60 Contacts, Short Latch, Crossover Pins		6P2
38	BCO-42			Fing	X	1.00	PBT	10,14,16,20,26,34,40,50,60 Contacts, Long Latch, Crossover Pins		6P2
39	499486		ST	Inst			THPL	10,14,16,20,26,34,40,50,60,64 Contacts,With Ejection Latches		0H28e
40	499488		ST	Inst			THPL	10,14,16,20,26,34,40,50,60,64 Contacts,With Ejection Latches		0H31d
41	499773		ST	Inst			THPL	10,14,16,20,26,34,40,50,60,64 Contacts,With Ejection Latches		0H25f
42	499776		ST	Inst			THPL	10,14,16,20,26,34,40,50,60,64 Contacts,With Ejection Latches		0H23e
43	AXL	E				.750	PBT	10,14,16,20,26,30,34,40,50,60,64 Contacts		90H10
44	AXL	F				.750	PBT	10,14,16,20,26,30,34,40,50,60,64 Contacts		90H10
45	CA-D**MP		ST			.500	PLYR	2-64 Pins,Breakaway Style	CAC41	31H10
46	CA-D**MPR		ST			.500	PLYR	2-64 Pins,Breakaway Style	CAC41	31H12
47	FT	A				.800		10,14,16,20,26,34,40,50,60,64 Contacts, With Ejector Latches		17H26
48	FT	B				.800		10,14,16,20,26,34,40,50,60,64 Contacts, With Ejector Latches		17H27
49	MF		ST						WCH22	
50	HI-2540**						THPL	2-80 Even Numbered Contacts,.025in Dia Posts		0G04a
51	HIF6A-20P	A	ST			.300	PBT	20,26,32,34,40,50,52,60,68,80 Contacts	HRS10	120H3
52	HIF6A-20P	B	ST			.300	PBT	20,26,32,34,40,50,52,60,68,80 Contacts	HRS10	120H4
53	HIF6B-20P	A	ST	Fing		.300	PBT	20,26,32,34,40,50,52,60,68,80 Contacts	HRS10	120H5
54	HIF6B-20P	B	ST	Fing		.300	PBT	20,26,32,34,40,50,52,60,68,80 Contacts	HRS10	120H6
55	HIF6A-20P	A	ST			.300	PBT	20,26,32,34,40,50,52,60,68,80 Contacts	HRSJ01	120H3
56	HIF6A-20P	B	ST			.300	PBT	20,26,32,34,40,50,52,60,68,80 Contacts	HRSJ01	120H4
57	HIF6B-20P	A	ST	Fing		.300	PBT	20,26,32,34,40,50,52,60,68,80 Contacts	HRSJ01	120H5
58	HIF6B-20P	B	ST	Fing		.300	PBT	20,26,32,34,40,50,52,60,68,80 Contacts	HRSJ01	120H6
59	CHY-20	A	ST			1.00		2-80 Pins,Au or Sn Plating,Braekaway Style,Polyarylether(PAE) Insulator	MMM03	0H3y
60	CHY-20	B	90			1.00		2-80 Pins,Au or Sn Plating,Braekaway Style,Polyarylether(PAE) Insulator	MMM04	0H4ak
61	NFP-A	A	90	Thru		.700	PBT	10,16,20,26,30,34,40,50,60,64,80 Cntcts, With or Without Latching Levers	YEI08	97P4b
62	NFP-A	B	90	Thru		.700	PBT	10,16,20,26,30,34,40,50,60,64,80 Cntcts, With or Without Latching Levers	YEI08	97P4a
63	68827						PET	10,20,30,40,50,60,70,80,90,100 Contacts, Force 4.5oz INS, 3.3oz SEP		121H1
64	69957						PET	10,20,30,40,50,60,70,80,90,100 Contacts, Force 4.5oz INS, 3.3oz SEP		12H2
65	HIF6-20P	A	ST	Thru		.300	PBT	20,26,32,34,40,50,52,60,68,80,100 Contacts,With Latch/Eject Levers	HRS10	120H1
66	HIF6-20P	A	ST	Fing		.300	PBT	20,26,32,34,40,50,52,60,68,80,100 Contacts	HRSJ01	120H1
67	HIF6-20P	B	ST	Fing		.300	PBT	20,26,32,34,40,50,52,60,68,80,100 Contacts	HRSJ01	120H2
68	HIF3H-M	A	ST					10,12,16,18,20,24,26,30,34,40,50,60,130 Contacts		
69	HIF3H-M	B	ST					10,12,16,18,20,26,30,34,40,50,60,130 Contacts		
3 ROWS, PITCH .100" (2.54mm)										
70	M SERIES	D	90			1.00	NYL	O User Defined Number of Contacts		39H1
71	M SERIES	E	90			1.00	NYL	O User Defined Number of Contacts		39H1
72	M SERIES	F	90			1.00	NYL	O User Defined Number of Contacts		39H1
73	5548	A				2.00	PLYR	Increments of 3 Contacts Only, Pullout Force 35.2oz		38P5
74	5548	B				2.00	PLYR	Increments of 3 Contacts Only, Pullout Force 35.2oz		38P5
75	4232P	A	ST	Stnd		1.00	DAP		WCH44	14R32
76	4232P	B	ST	Stnd		1.00	DAP		WCH44	14R32
77	4236	B	ST	Fing		1.00	DAP		WCH46	14P20
78	169	B	90	Brkt			PLYM	Force .5oz min per Contact INS/SEP, Use 027-XXXX-447 Series Contacts		80H1b
79	CA-T**		ST			.500	NYL	Contact Plating Au or Sn	CAC16	0H7a
80	CA-T**R		ST			.500	NYL	Contact Plating Au or Sn	CAC17	0H8a
81	2,54 MSAR 3					2.00	PLYM	6-150 Contacts (x3), Plating Option Au or Sn		63H18
4 ROWS, PITCH MISC.										
82	M SERIES	G	90			1.00	NYL	O User Defined Number of Contacts		39H1

PLUGS, D-TYPE PRODUCT SELECTION

Line No.	Type Identification	Mounting		Insulator		Polarization	Additional Features	Mfr. Order Key	Drawing Number	
		Variation	Angle	Type	EMI					DWV (KV)
2 ROWS										
1	CDS9	A	ST	Fing	X	.500	PLYR	Y	Ins./Sep. 7.2oz., Float Mount and/or Grounding Dimples Available	31P4
2	CDS9	A	ST	Fing	X	.500	PLYR	Y	Cap. at 1KHz:2200-4700pF(Std Freq),470-1200pF(High Freq)	31P9
3	CDS9	B	ST	Fing	X	.500	PLYR	Y	"Std", Sep./Ins. 7.2oz., Float Mount and/or Grounding Dimples Available	31P4
4	CDS9	B	ST	Fing	X	.500	PLYR	Y	Capacitance at 1KHz:2200-4700pF(Standard Freq.),470-1200pF(High Freq.)	31P9a
5	11.29	A	ST	Fing	X	1.00	NYL	Y	"Std", Ins., Sep. 12oz., M-D Series, Mounting, Plating, Grounding Options Avail	0G01
6	11.31	A	ST	Fing	X	1.00	NYL	Y	"Std", Ins., Sep. 12oz., 283, 454, 545in. Standard Bend Dimensions	31P8
7	11.32	A	ST	Fing	X	1.00	NYL	Y	"STD", Ins., Sep. 12oz., Available With .370 European Bend Dimensions	31P8
8	11.87	A	ST	Fing	X	1.00	PLYR	Y	Rated Current:1.0A W/28AWG or 1.5A/26AWG Ribbon Cable, .050in. Centers	31P7
9	DMR-L-9P		90	Brkt		1.00	PBT		Zn or Sn Plated Steel Shell	0P10i
10	DMR-9P		90	Brkt		1.00	PBT		Zn or Sn Plated Steel Shell, .125, .170, .250in Tail Length	0G01
11	DMS-9P		90	Brkt		1.00	PBT		Zn or Sn Plated Steel Shell, .125, .170, .250in Tail Length	0G01
12	DEJ	A			X	.500	OPT		See Mfr Number Key for Options	MBC1
13	DET	A			X	.500	OPT		See Mfr Number Key for Options	MBC1
14	ISSD09P					1.00	THPL		See Mfr Number Key for Options	MBC3
15	MFDE09P					.300	THPL		See Mfr Number Key for Options	MBC2
16	RASD09P		90			1.00	THPL		See Mfr Number Key for Options	MBC3
17	STSD09P		90			1.00	THPL		See Mfr Number Key for Options	MBC3
18	CDS15	A	ST	Fing	X	.500	PLYR	Y	"Std", Sep./Ins. 7.2oz., Float Mount and/or Grounding Dimples Available	31P4
19	CDS15	A	ST	Fing	X	.500	PLYR	Y	Capacitance at 1KHz:2200-4700pF(Standard Freq.),470-1200pF(High Freq.)	31P9
20	CDS15	B	ST	Fing	X	.500	PLYR	Y	"Std", Ins./Sep. 7.2oz., Float Mount and/or Grounding Dimples Available	31P4
21	CDS15	B	ST	Fing	X	.500	PLYR	Y	Capacitance at 1KHz:2200-4700pF(Standard Freq.),470-1200pF(High Freq.)	31P9a
22	11.29	B	ST	Fing	X	1.00	NYL	Y	"Std", Ins., Sep. 12oz., M-D Series, Mounting, Plating, Grounding Options Avail	0G01
23	11.31	B	ST	Fing	X	1.00	NYL	Y	"STD", Ins., Sep. 12oz., 283, 454, 545in. Standard Dimensions	31P8
24	11.32	B	ST	Fing	X	1.00	NYL	Y	"STD", Ins., Sep. 12oz., Available With .370in. European Bend Dimensions	31P8
25	11.87	B	ST	Fing	X	1.00	PLYR	Y	Rated Current:1.0A W/28AWG or 1.5A/26AWG Ribbon Cable, .050in. Centers	31P7
26	HDJ-20	A	ST	Fing			THPL	Y	Contact Plating Au or Sn, Plastic Assemblies with Panel Lock	0P16a
27	HDJ-20	B	ST	Fing			THPL	Y	Contact Plating Au or Sn, Plug Assemblies for Squeeze-to-Release Cord Grd	0P16b
28	DMR-L-15P		90	Brkt		1.00	PBT		Zn or Sn Plated Steel Shell	0P10j
29	DMR-15P		90	Brkt		1.00	PBT		Zn or Sn Plated Steel Shell	0P10j
30	DMS-15P		90	Brkt		1.00	PBT		Zn or Sn Plated Steel Shell, .125, .170, .250in Tail Length	0G01
31	DAJ	A			X	.500	OPT		See Mfr Number Key for Options	MBC1
32	DAT	A			X	.500	OPT		See Mfr Number Key for Options	MBC1
33	ISSD15P					1.00	THPL		See Mfr Number Key for Options	MBC3
34	MFDA15P		90			.300	THPL		See Mfr Number Key for Options	MBC2
35	RASD15P		90			1.00	THPL		See Mfr Number Key for Options	MBC3
36	STSD15P		90			1.00	THPL		See Mfr Number Key for Options	MBC3
37	SM-9RPM			Fing		1.00	PBT	Y	9,15,25,37,50 Contacts	0G01
38	D-SERIES	A				1.00	THPL		Two-Piece UL Rated 94V-0 Thermoplastic Insulator, 2 and 3 Level Wirewrap	0G01
39	D-SERIES	C				1.00	THPL		Two-Piece UL Rated 94V-0 Thermoplastic Insulator	0G01
40	DB-SERIES	A				1.00	THPL		Two Piece Bonded Thermoplastic Insulator, Qualified to MIL-C-24308	SOU01
41	DB-SERIES	B				1.00	THPL		Two Piece Bonded Thermoplastic Insulator, Qualified to MIL-C-24308	SOU01
42	DJ-SUB	A				.300	THST		Based on Standard Specs MIL-C24308, NFC93425, and BS9523-N-001	SOU05
43	DJP-SUB	A				.500	OPT		Insulators: Thermo-set or Polyester	SOU07
44	DJP-SUB	C				.500	OPT		Insulators: Thermo-set or Polyester	SOU07
45	DM-SERIES	A				1.00	THST		Conforms to BS9523-N-001 and is Approved to MIL-C-24308B and NFC93425	SOU03
46	DM-SERIES	C				1.00	THST		Conforms to BS9523-N-001 and is Approved to MIL-C-24308B and NFC93425	SOU03
47	DP-SERIES	A				1.00	THPL		Non-Removable Machined Contacts	SOU01
48	DP-SERIES	B				1.00	THPL		Non-Removable Machined Contacts	SOU01
49	DTP-SERIES	A				.500	THPL		Capacitive and Pi Filtered, See Mfr Number Key	SOU02
50	DTP-SERIES	C				.500	THPL		Capacitive and Pi Filtered, See Mfr Number Key	SOU02
51	DTP-SUB	A				.500	PLYR		Based on Standard Specs MIL-C24308, NFC93425, and BS9523-N-001	SOU06
52	DTP-SUB	C				.500	PLYR		Based on Standard Specs MIL-C24308, NFC93425, and BS9523-N-001	SOU06
53	FD-SERIES	A				1.00	THPL		Two-Piece UL Rated 94V-0 Thermoplastic Insulator	SOU01
54	FD-SERIES	C				1.00	THPL		Two-Piece UL Rated 94V-0 Thermoplastic Insulator, Gold/Tin Plating	SOU01
55	FDRA	A				1.00	THPL		UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01
56	FDRA	B				1.00	THPL		UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01
57	FDRA	C				1.00	THPL		UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01
58	FDRA	D				1.00	THPL		UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01
59	CDS25	A	ST	Fing	X	.500	PLYR	Y	Capacitance at 1KHz:2200-4700pF(Standard Freq.),470-1200pF(High Freq.)	31P9
60	CDS25	A	ST	Fing	X	.500	PLYR	Y	"Std", Sep./Ins. 7.2oz., Float Mount and/or Grounding Dimples Available	31P4
61	CDS25	B	ST	Fing	X	.500	PLYR	Y	"Std", Ins./Sep. 7.2oz., Float Mount and/or Grounding Dimples Available	31P4
62	CDS25	B	ST	Fing	X	.500	PLYR	Y	Capacitance at 1KHz:2200-4700pF(Standard Freq.),470-1200pF(High Freq.)	31P9
63	11.29	C	ST	Fing	X	1.00	NYL	Y	"Std", Ins., Sep. 12oz., M-D Series, Mounting, Plating, Grounding Options Avail	0G01
64	11.31	C	ST	Fing	X	1.00	NYL	Y	"STD", Ins., Sep. 12oz., 283, 454, 545in. Standard Bend Dimensions	31P8
65	11.32	C	ST	Fing	X	1.00	NYL	Y	"STD", Ins., Sep. 12oz., Available With .370in. European Bend Dimensions	31P8
66	11.87	C	ST	Fing	X	1.00	PLYR	Y	Rated Current:1.0A W/28AWG or 1.5A W/26AWG Ribbon Cable, .050in. Centers	31P7
67	CA-25SMD	B	ST	Fing		.500	PLYR	Y	9,15,25 Contacts,Rigid or Float Mount	CAC09
68	GD	C	ST	Fing		1.00	DAP	Y	RS232 Connector	CAN11
69	119M		ST	Fing			DAP	Y	RS232 Connector	0P19i
70	119MS		ST	Fing	X		DAP	Y	RS232 Connector	0G01
71	CD		ST	Fing	X		PLYR	Y		
72	FD		ST	Fing	X		PLYR	Y		
73	HD		ST	Fing	X		PLYR	Y		
74	DMR-L-25P		90	Brkt		1.00	PBT		Zn or Sn Plated Steel Shell	0P10k
75	DMR-25P		90	Brkt		1.00	PBT		Zn or Sn Plated Steel Shell	0P10k
76	DMS-25P		90	Brkt		1.00	PBT		Zn or Sn Plated Steel Shell, .125, .170, .250in Tail Length	0G01
77	DBJ	A			X	.500	OPT		See Mfr Number Key for Options	MBC1
78	DBT	A			X	.500	OPT		See Mfr Number Key for Options	MBC1
79	ISSD25P					1.00	THPL		See Mfr Number Key for Options	MBC3
80	MFDB25P					.300	THPL		See Mfr Number Key for Options	MBC2
81	RASD25P		90			1.00	THPL		See Mfr Number Key for Options	MBC3
82	STSD25P		90			1.00	THPL		See Mfr Number Key for Options	MBC3
83	WM29P		ST	Fing		1.00	DAP	Y	11,17,23,29,35 Contacts	WCH42
84	CRF36S		ST	Fing			PLYR	Y	Ribbon Connector, Female, Centronics Type, Thru Hole Flange and Lock Spring	14P19
85	119-36M		ST	Fing			DAP	Y	Amphenol Connector	31R3
86	DN30		ST	Fing	X	.100	PBT		20,50 Contact Configurations Pending	84P2
87	117-D				X	.300	DAP		9,15,25,37 Contacts, Rigid and Float Mount	120P2
88	117-D	D			X	.300	DAP		9,15,25,37 Contacts, Rigid and Float Mount	0G01

PLUGS, D-TYPE PRODUCT SELECTION

Line No.	Type Identification	Mounting			Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Variation	Angle	Type	EMI	DWV (KV)	Material				
2 ROWS (Cont'd)											
1	117D	C		Brkt		.300	THPL		9,15,25,37 Contacts, Rigid and Float Mount	AAP13	0G01
2	117D	D		Brkt		.300	THPL		9,15,25,37 Contacts, Rigid and Float Mount	AAP13	0P10e
3	117D	K			X	.300	DAP		9,15,25,37 Contacts, Rigid and Float Mount	AAP15	0G01
4	117D	L			X	.300	DAP		9,15,25,37 Contacts, Rigid and Float Mount	AAP15	0P10e
5	117DF	C			X	.300	PBT		9,15,25,37 Contacts, Rigid and Float Mount	AAP13	0G01
6	117DF	D			X	.300	PBT		9,15,25,37 Contacts, Rigid and Float Mount	AAP13	0P10e
7	17 SERIES	C			X	.500	NYL		9,15,25,37 Contacts, Metal Shell	AAP14	0G01
8	17 SERIES	D			X	.500	NYL		9,15,25,37 Contacts, Metal Shell	AAP14	0P10e
9	617	A	90	Fing		1.00	THPL		9,15,25,37 Contacts, Avail With Plastic or Metal Front Shell	AAP18	0G01
10	HI-027**	A	90	Fing		1.00	PBT	Y	9,15,25,37 Contacts, Sn or Zn Plated Steel Shell		0G01
11	HI-027**	B	ST	Fing		1.00	PBT	Y	9,15,25,37 Contacts, Sn or Zn Plated Steel Shell		0G01
12	CDS37	A	ST	Fing	X	.500	PLYR	Y	Capacitance at 1KHz:2200-4700pF(Standard Freq.),470-1200pF(High Freq.)		31P9
13	CDS37	A	ST	Fing			PLYR	Y	"Std", .Sep./Ins. 7.2oz., Float Mount and/or Grounding Dimples Available		31P4
14	CDS37	B	ST	Fing			PLYR	Y	"Std", .Ins./Sep. 7.2oz., Float Mount and/or Grounding Dimples Available		31P4
15	CDS37	B	ST	Fing	X	.500	PLYR	Y	Capacitance at 1KHz:2200-4700pF(Standard Freq.),470-1200pF(High Freq.)		31P9a
16	11.29	D	ST	Fing		1.00	NYL	Y	"Std", .Ins., .Sep. 12oz., M-D Series, Mounting, Plating, Grounding Options Avail		0G01
17	11.31	D	ST	Fing	X	1.00	NYL	Y	"STD", .Ins., .Sep. 12oz., .283, .454, .545in. Standard Bend Dimensions		31P8
18	11.32	D	ST	Fing	X	1.00	NYL	Y	"STD", .Ins., .Sep. 12oz., Available With .370in. European Bend Dimensions		31P8
19	11.87	D	ST	Fing		1.00	PLYR	Y	Rated Current, 1.0A W/28AWG or 1.5A W/26AWG Ribbon Cable, .050in. Centers		31P7
20	HDE-20		90	Fing			THPL	Y	9,15,25,37 Contacts, IDC Crimp Pin Contacts		0G01
21	HDM-20	A	90	Fing			PET	Y	9,15,25,37 Contacts, Posted Pin Contacts		0P10b
22	207663(HDP-20)		90	Othr			THPL	Y	9,15,25,37 Contacts, Mounting With Threaded Inserts/Fixed Female Screwloc		0G01
23	745091(HDP-20)		ST	Fing			THPL	Y	9,15,25,37 Contacts, Mounting With Threaded Inserts/Fixed Female Screwloc		0P16c
24	745351(HDP-20)		90	Fing	X		NYL	Y	9,15,25,37 Contacts, With/Without Grounding Indents, Zn or Sn Plated Shell		0P10a
25	745434(HDP-20)		90	Fing	X		NYL	Y	9,15,25,37 Contacts, With/Without Grounding Indents, Sn or Zn Plated Shell		0P10d
26	745828(HDP-20)		ST	Fing			THPL	Y	9,15,25,37 Contacts, Mounting, Threaded Inserts/Fixed Female Screwlocks		0P53
27	747275		ST	Fing	X	.700	THPL	Y	9,15,25,37 Contacts		0G01
28	841205(50 Series)		ST	Fing		.250		Y	9,15,25,37 Cntct, fc=2MHz, Capacitance/1KHz-3000pf Min, RF Current 300mA		0G01
29	841215(50 Series)		ST	Fing		.250		Y	9,15,25,37 Cntct, fc=2MHz, Capacitance/1KHz-3000pf Min., RF Current 300mA		0G01
30	841260(60 Series)		ST	Fing		.250		Y	9,15,25,37 Cntct, fc=150MHz, Capacitance/1KHz-175pf Max., RF Current 300mA		0G01
31	841270(60 Series)		ST	Fing		.250		Y	9,15,25,37 Cntct, fc=150MHz, Capacitance/1KHz-175pf Max., RF Current 300mA		0G01
32	841315(70 Series)		ST	Fing		.250		Y	9,15,25,37 Cntct, fc=50MHz, Capacitance/1KHz-400pf Max., RF Current 300mA		0G01
33	841325(70 Series)		ST	Fing		.250		Y	9,15,25,37 Cntct, fc=50MHz, Capacitance/1KHz-400pf Max., RF Current 300mA		0G01
34	842507(90 Series)		ST	Fing		.250		Y	9,15,25,37 Cntct, fc=30MHz, Capacitance/1KHz-600pf Max., RF Current 300mA		0G01
35	842512(90 Series)		ST	Fing		.250		Y	9,15,25,37 Cntct, fc=30MHz, Capacitance/1KHz-600pf Max., RF Current 300mA		0G01
36	842542(100 Series)		ST	Fing		.250		Y	9,15,25,37 Cntct, fc=20MHz, Capacitance/1KHz-1000pf Max., RF Current 300mA		0G01
37	842547(100 Series)		ST	Fing		.250		Y	9,15,25,37 Cntct, fc=20MHz, Capacitance/1KHz-1000pf Max., RF Current 300mA		0G01
38	859700(20 Series)		ST	Fing		.250		Y	9,15,25,37 Contact, fc=5MHz, Capacitance/1KHz-1000pf Min., RF Current 300mA		0G01
39	859710(20 Series)		ST	Fing		.250		Y	9,15,25,37 Contacts, fc=5MHz, Capacitance/1KHz-1000pf Min, RF Current 300mA		0G01
40	859735(30 Series)		ST	Fing		.250		Y	9,15,25,37 Cntct, fc=3MHz, Capacitance/1KHz-2000pf Min, RF Current 300mA		0G01
41	859745(30 Series)		ST	Fing		.250		Y	9,15,25,37 Cntct, fc=3MHz, Capacitance/1KHz-2000pf Min, RF Current 300mA		0G01
42	SERIES 301	A	ST	Fing		.500	PLYM	Y	9,15,21,25,31,37 Contacts, Ultra-Miniature	API01	0G01
43	SERIES 301	B	90	Fing		.500	PLYM	Y	9,15,21,25,31,37 Contacts, Ultra-Miniature	API01	0G01
44	SERIES 303	A	ST	Fing		.500	PLYR	Y	9,15,25,37 Screw Machined Contacts	API03	0G01
45	SERIES 303	B	ST	Fing		.500	PLYR	Y	9,15,25,37 Screw Machined Contacts, Right Angle Offset=.370in.	API03	0G01
46	SERIES 331	A	90	Brkt		.500	PLYR	Y	9,15,25,37 Contacts, Right Angle Offset=.283in. or .545in.	API03	0G01
47	SERIES 332	A	90	Brkt		1.00	PBT	Y	9,15,25,37 Contacts, All Plastic Body, Metal Nose Opt, R/A Offset=.590in.	API02	0G01
48	928610		90	Thru			PLYR	Y	9,15,25,37 Contacts, .125in Dia Thru-Hole, #4-40 Thread Insert or Standoff	APT08	0G01
49	928612		90	Inst			PLYR	Y	9,15,25,37 Contacts, .125in Dia Thru-Hole, #4-40 Thread Insert or Standoff	APT08	0G01
50	928613		90	Stnd			PLYR	Y	9,15,25,37 Contacts, .125in Dia Thru-Hole, #4-40 Thread Insert or Standoff	APT08	0G01
51	928630		90	Thru			PLYR	Y	9,15,25,37 Contacts, .125in Dia Thru-Hole, #4-40 Thread Insert or Standoff	APT08	0G01
52	928632		90	Inst			PLYR	Y	9,15,25,37 Contacts, .125in Dia Thru-Hole, #4-40 Thread Insert or Standoff	APT08	0G01
53	928633		90	Stnd			PLYR	Y	9,15,25,37 Contacts, .125in Dia Thru-Hole, #4-40 Thread Insert or Standoff	APT08	0G01
54	A-DSF		ST	Fing		1.00	PLYR	Y	9,15,25,37 Contacts	APT08	0G01
55	A-DS9LFI	A	ST	Fing		.500	PLYR	Y	9,15,25,37 Contacts, Standard Freq. 2200-4700pF, High Freq. 470-1200pF		79P6
56	A-DS9LFI	B	ST	Fing		.500	PLYR	Y	9,15,25,37 Contacts, Standard Freq. 2200-4700pF, High Freq. 470-1200pF		79P6
57	FCC-182		ST	Fing		.500	THPL	Y	9,15,25,37 Contacts, Sep. 8oz, Two Cable Entry/Exit Points		0G01
58	FCC-282		ST	Fing		.500	THPL	Y	9,15,25,37 Contacts, Sep. 8oz, Two Cable Entry/Exit Points		0G01
59	DE-9P		ST				PBT	Y	9,15,25,37 Contacts		0G01
60	BERGUN-D	A	ST	Fing	O	1.00	THPL	Y	9,15,25,37 Contacts, Rigid and Float Mounts	CAN06	0G01
61	D*D	A	ST	Fing		1.25	DAP	Y	9,15,25,37 Contacts, Rigid or Float Mount	CAN12	0G01
62	D*M	A	ST	Fing		1.25	DAP	Y	9,15,25,37 Contacts, Rigid or Float Mount	CAN10	0G01
63	D*M	C	90	Fing		1.25	DAP	Y	9,15,25,37 Contacts, Rigid or Float Mount	CAN10	0G01
64	D*P	A	90	Fing		.600	THPL	Y	9,15,25,37 Contacts, With Screwlocks or Threaded Inserts	CAN08	0G01
65	D*PF	E	90	Fing		.600	THPL	Y	9,15,25,37 Contacts, With Screwlocks or Threaded Inserts	CAN09	0G01
66	D*PF	G	ST	Fing		.600	THPL	Y	9,15,25,37 Contacts, With Screwlocks or Threaded Inserts	CAN09	0G01
67	DE-9P		ST	Fing	X	1.00	PLYR	Y	9,15,25,37 Contacts	CAN03	0P7e
68	ORIGINAL D	A	ST	Fing		1.25	PLYM	Y	9,15,25,37 Contacts, Rigid and Float Mounts	CAN05	0G01
69	ORIGINAL D	G	90	Fing		1.25	PLYM	Y	9,15,25,37 Contacts, Rigid and Float Mounts	CAN05	0G01
70	SPEEDY-D	A	ST	Fing	O	1.00	PLYR	Y	9,15,25,37 Contacts, Rigid and Float Mounts	CAN07	0G01
71	DELTA D	A		Othr		1.00	PBT	Y	Force 2-12oz INS/SEP, 9,15,27,37 Contact, See Mfr Number Key for Options	COMC03	0G01
72	DELTA D	B		Othr		1.00	PBT	Y	Force 2-12oz INS/SEP, 9,15,27,37 Contact, See Mfr Number Key for Options	COMC03	0G01
73	DELTA D	C		Othr		1.00	PBT	Y	Force 2-12oz INS/SEP, 9,15,27,37 Contact, See Mfr Number Key for Options	COMC03	0G01
74	620-060		ST	Fing	X	1.00	PLYR	Y	9,15,25,37 Contacts, Available With/Without Strain Relief		0G01
75	11.317		ST	Fing	X	1.00	NYL	Y	Force 1-12oz per Contact, 9,15,25,37 Contacts	CTE02	0P10a
76	11.318		ST	Fing	X	1.00	NYL	Y	Force 1-12oz per Contact, 9,15,25,37 Contacts	CTE02	0P10a
77	11.319		ST	Fing	X	1.00	NYL	Y	Force 1-12oz per Contact, 9,15,25,37 Contacts	CTE02	0P10a
78	11.32		ST	Fing	X	1.00	NYL	Y	Force 1-12oz per Contact, 09,15,25,37 Contacts	CTE01	0P10a
79	101M		ST	Fing	X	1.00	PBT	Y	9,15,25,37 Contacts		0P10m
80	103M		ST	Fing	X	1.00	PBT	Y	9,15,25,37 Contacts		0P108
81	103MLK		ST	Fing	X	1.00	PBT	Y	9,15,25,37 Contacts		0P10l
82	MISER-D	A				1.00	THPL	Y	9,15,25,37 Contacts, Cd or Zn Plated Metal Shell	EBY02	0G01
83	ORIGINAL-D	A				1.00	THPL	Y	9,15,25,37 Contacts, Cd or Zn Plated Metal Shell	EBY01	0G01
84	ORIGINAL-D	C				1.00	THPL	Y	9,15,25,37 Contacts, Cd or An Plated Metal Shell	EBY01	0G01
85	PLASTIC-D	A				1.00	PLYR	Y	9,15,25,37 Contacts	EBY03	0G01
86	MD	A						Y	9,15,25,37 Contacts, Metal or Plastic See Mfr Number Key for Options	EFB11	0G01
87	PD	A						Y	9,15,25,37 Contacts, Metal or Plastic See Mfr Number Key for Options	EFB11	0G01
88	ECR	B	90	Strnd		.800	RYSI	Y	Force 10oz INS, 9,15,21,25,31,37 Contacts, See Mfr Number Key for Options	ELO17	121P9

PLUGS, D-TYPE PRODUCT SELECTION

Line No.	D.A.T.A. Mfr. Code	Type Identification	Variation	Approvals							Contact							Contact Termination																	
				CSA	IEC	MIL	UL	VG	VDE	Other	Number (Range)	Option	Type	Entry	Resistance (mOhm)	Current (Amp)	Material	Plating	Angle	Crimp	Cup	IDC	Loop	Post	Press Fit	Screw	Quick	Spring	Surface	Turret	Wrap	Other			
2 ROWS (Cont'd)																																			
1	EMSB	12	A								9-37		Socket		3.0	5.0	PBrz		ST																
2	EMSB	12	B								9-37		Pin		3.0	5.0	PBrz		ST																
3	FCA	FCN774	A			•	•				9-37		Pin		30	3.0	PBrz	Au	90						•										
4	FCA	FCN775	A			•	•				9-37		Pin		30	3.0	PBrz	Au	ST																
5	FCA	FCN777	A			•	•				9-37		Pin		30	3.0	PBrz	Au	ST																
6	FAJ	FCN775	B			•	•				9-37		Post		3.0	3.0	PBrz	Au	90																
7	FAJ	FCN775	C			•	•				9-37		Socket		3.0	1.0	PBrz	Au	ST																
8	FAJ	FCN777	A			•	•				9-37		Post		1.0	1.0	PBrz	Au	ST																
9	GEC	G SERIES	A			•	•				9-37		Pin		5.0	5.0	Cu	Au	ST																
10	GEC	G SERIES	E			•	•				9-37		Pin		5.0	5.0	Cu	Au	90																
11	GEC	GM SERIES	A			•	•				9-37		Pin		7.5	5.0	Cu	Au	ST																
12	HEC	H2M SERIES	A	•		•	•				9-37		Pin	10	5.0	Cu	Au	ST																	
13	HEC	H2M SERIES	B	•		•	•				9-37		Pin	10	5.0	Cu	Au	90																	
14	HEC	H3M	•			•	•				9-37		Pin	10	5.0	Cu	Au	90																	
15	HEC	H4M SERIES	A	•		•	•				9-37		Pin	10	5.0	Cu	Au	ST																	
16	HEC	H4M SERIES	B	•		•	•				9-37		Pin	10	5.0	Cu	Au	90																	
17	HEC	H5M	•			•	•				9-37		Pin	10	5.0	Cu	Au	90																	
18	HRS	FDE-P	•			•	•				9-37		Pin	25	1.0	BeCu	Au	ST																	
19	HRS	RDAB-P				•	•				9-37		Pin	25	3.0	PBrz	Au	90																	
20	HRS	RDEB-P				•	•				9-37		Pin	25	3.0	PBrz	Au	90																	
21	HRS	SDEB-9P				•	•				9-37		Pin	15	3.0	PBrz	Au	ST																	
22	HTC	4600 SERIES	A			•	•				9-37		Pin		1.0	BeCu	Au	ST																	
23	JAWC	WKD-PG				•	•				9-37		Pin	10	5.0	Bras	Au	ST																	
24	JAWC	WKD-RPG				•	•				9-37		Socket		5.0	Bras	Au	90																	
25	JHIC	D SERIES	G			•	•				9-37		Pin	10	5.0	Bras	Au	90																	
26	JHIC	D SERIES	H			•	•				9-37		Pin	10	5.0	Bras	Au	ST																	
27	JHIC	D SERIES	K			•	•				9-37		Pin	10	5.0	Bras	Au	ST																	
28	KIPE	MINIATURE D	A			•	•				9-37		Pin	5.0	7.5	Cu	Au	ST																	
29	KIPE	MINIATURE D	B			•	•				9-37		Pin	5.0	7.5	Cu	Au	90																	
30	KREC	DMR-L-37P				•	•				37		Pin		5.0	Bras	Au	ST																	
31	KREC	DMS-37P				•	•				37		Pin		5.0	Bras	Au	ST																	
32	KREC	MDR-37P				•	•				37		Pin		5.0	Bras	Au	ST																	
33	MBC	DCJ	A			•	•				37		Pin		5.0	Cu	Au	ST																	
34	MBC	DCJ	A			•	•				37		Pin		5.0	Cu	Au	ST																	
35	MBC	ISSD37P				•	•				37		Pin		5.0	CDA	Au	ST																	
36	MBC	MFDC37P				•	•				37		Pin	10	5.0	Cu	Au	ST																	
37	MBC	RASD37P				•	•				37		Pin		5.0	CDA	Au	ST																	
38	MBC	STSD37P				•	•				37		Pin		5.0	CDA	Au	ST																	
39	MNE	DS9P				•	•				9-37		Pin	8.0	3.0	Cu	Au	ST																	
40	NTS	DP SERIES	A			•	•				9-37		Pin	5.0	7.5	Cu	Au	ST																	
41	NTS	DP SERIES	B			•	•				9-37		Pin	5.0	7.5	Cu	Au	90																	
42	NTS	N SERIES	A	•		•	•				9-37		Pin	10	5.0	Cu	Au	ST																	
43	NTS	N SERIES	B	•		•	•				9-37		Pin	10	5.0	Cu	Au	90																	
44	NTS	P SERIES	A			•	•				9-37		Pin	5.0	7.5	Cu	Au	ST																	
45	NTS	P SERIES	B			•	•				9-37		Pin	5.0	7.5	Cu	Au	90																	
46	NTS	SN SERIES	A	•		•	•				9-37	S	Pin	10	5.0	Cu	Au	ST																	
47	NTS	100 SERIES	A	•		•	•				9-37		Pin	15	5.0	Cu	Au	90																	
48	NTS	101 SERIES	A	•		•	•				9-37		Pin	15	5.0	Cu	Au	90																	
49	NTS	102 SERIES	A	•		•	•				9-37		Pin	15	5.0	Cu	Au	90																	
50	NTS	200 SERIES	A	•		•	•				9-37		Pin	8.0	5.0	Cu	Au	90																	
51	PST	ED SERIES	A	•		•	•				9-37		Pin	3.0	5.0	Cu	Au	ST																	
52	PST	ED SERIES	C	•		•	•				9-37		Pin	3.0	5.0	Cu	Au	90																	
53	PST	ED SERIES	I	•		•	•				9-37		Pin	3.0	5.0	Cu	Au	ST																	
54	PST	ED SERIES	K	•		•	•				9-37		Pin	3.0	5.0	Cu	Au	90																	
55	PST	FD SERIES	A	•		•	•				9-37		Pin	3.0	5.0	Cu	Au	ST																	
56	PST	FD SERIES	C	•		•	•				9-37		Pin	3.0	5.0	Cu	Au	90																	
57	PST	HDC SERIES	A	•		•	•				9-37		Pin	3.0	5.0	Cu	Au	ST																	
58	PST	HDC SERIES	C	•		•	•				3-37		Pin	3.0	5.0	Cu	Au	90																	
59	PST	MD SERIES	A	•		•	•				9-37		Pin	3.0	5.0	Cu	Au	ST																	
60	PST	MD SERIES	C	•		•	•				9-37		Pin	3.0	5.																				

PLUGS, D-TYPE PRODUCT SELECTION

Line No.	Type Identification	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Variation	Angle	Type	EMI	DWV (KV)				
2 ROWS (Cont'd)										
1	12	A	ST	Othr				9,15,25,37 Contacts, Thread Lock and Mounting Ear, See Mfr Number Key	EMSB06	
2	12	B	ST	Othr				9,15,25,37 Contacts, Thread Lock and Mounting Ear, See Mfr Number Key	EMSB06	
3	FCN774	A	90		O	.500	PBT	9,15,25,37 Contacts		0G01
4	FCN775	A	ST		O	.500	PBT	9,15,25,37 Contacts		0G01
5	FCN777	A	ST		O	.500	PBT	9,15,25,37 Contacts		0G01
6	FCN775	B	90	Othr		.500	PBT	Force 353oz INS, 9,15,25,37 Contacts		34P9
7	FCN775	C	ST	Othr		.500	PBT	Force 353oz INS, 9,15,25,37 Contacts		34P9
8	FCN777	A	ST	Fling		.500		Force 353oz INS 26.47oz SEP, 9,15,25,37 Contact		34P10
9	G SERIES	A	ST	Fling		1.00	PLYR	9,15,25,37 Contacts, Available With Float Mount Bushings	GEC01	0G01
10	G SERIES	E	90	Opt		1.00	PLYR	9,15,25,37 Contacts, Available With or Without Mounting Bracket	GEC01	0G01
11	GM SERIES	A	ST	Opt		1.00	DAP	9,15,25,37 Contacts, See Order Key For Mounting Options, Coax or HV Option	GEC02	0G01
12	H2M SERIES	A	ST	Othr		1.00	PLYR	9,15,25,37 Contacts, All Plastic	HEC03	0G01
13	H2M SERIES	B	90	Othr		1.00	PLYR	9,15,25,37 Contacts, All Plastic	HEC03	0G01
14	H3M		90	Othr		1.00	PLYR	9,15,25,37 Contacts, All Plastic	HEC03	0G01
15	H4M SERIES	A	ST	Othr	X	1.00	PLYR	9,15,25,37 Contacts, Metal Shell	HEC03	71P4
16	H4M SERIES	B	90	Othr	X	1.00	PLYR	9,15,25,37 Contacts, Metal Shell	HEC03	0G01
17	H5M		90	Othr	X	1.00	PLYR	9,15,25,37 Contacts, Metal Shell	HEC03	71P6
18	FDE-P		ST	Fling	X	.650	PLYR	9,15,25,37 Contacts	HRS05	0G01
19	RDAB-P		ST	Fling		1.00	PLYR	9,15,25,37 Contacts	HRS06	70P17
20	RDEB-P		ST	Fling		1.00	PLYR	9,15,25,37 Contacts	HRS06	70P16
21	SDEB-9P		ST	Fling	X	1.00	PBT	9,15,25,37 Contacts		0G01
22	4600 SERIES	A			X	1.00	PLYR	9,15,25,37 Contacts, Strain Relief is Standard	HTC5	0G01
23	WKD-PG		ST	Fling			PLYR	9,15,25,37 Contacts	JAWC01	0P18b
24	WKD-RPG		ST	Fling			PLYR	9,15,25,37 Contacts	JAWC01	0P10g
25	D SERIES	G	ST	Brkt			PBT	9,15,25,37 Contacts	JHIC01	0P10h
26	D SERIES	H	ST	Brkt			PBT	9,15,25,37 Contacts	JHIC01	0P18c
27	D SERIES	K	ST	Brkt			PBT	9,15,25,37 Contacts	JHIC02	0P18d
28	MINIATURE D	A	ST			1.25	PLCB	9,15,25,37 Contact, 125V VDE0110 Grp B Voltage Rating		0G01
29	MINIATURE D	B	90	Opt		1.25	PLCB	9,15,25,37 Contact, 125V VDE0110 Grp B Voltage Rating, Mounting Bracket Op		0G01
30	DMR-L-37P		90	Brkt		1.00	PBT	Zn or Sn Plated Steel Shell		0P10a
31	DMS-37P			Brkt		1.00	PBT	Zn or Sn Plated Steel Shell, .125, .170, .250in Tail Length		0G01
32	MDR-37P		90	Brkt		1.00	PBT	Zn or Sn Plated Steel Shell		0P10a
33	DCJ	A			X	.500	OPT	See Mfr Number Key for Options	MBC1	0G01
34	DCJ	A			X	.500	OPT	See Mfr Number Key for Options	MBC1	0G01
35	ISSD37P					1.00	THPL	See Mfr Number Key for Options	MBC3	
36	MFDC37P					.300	THPL	See Mfr Number Key for Options	MBC2	0G01
37	RASD37P		90			1.00	THPL	See Mfr Number Key for Options	MBC3	0P16c
38	STSD37P					1.00	THPL	See Mfr Number Key for Options	MBC3	
39	DS9P		ST	Fling		.800	OPT	Ins. 6oz., Sep. .5oz., 9,15,21,25,31,37 Contacts	MNE01	0P18e
40	DP SERIES	A	ST	Fling		1.00	THPL	9,15,25,37 Cntcts, NFC, CNET, MUAHAG, GAM T1 Apprvd, PWR & Coax Cntcts Avail.	NTS04	0G01
41	DP SERIES	B	90	Fling		1.00	DAP	9,15,25,37 Cntcts, NFC, CNET, MUAHAG, GAM T1 Apprvd, PWR & Coax Cntcts Avail.	NTS04	0G01
42	N SERIES	A	ST	Fling		1.00	THPL	9,15,25,37 Contacts, Screw Machine Contacts Available	NTS01	0G01
43	N SERIES	B	90	Fling		1.00	THPL	9,15,25,37 Contacts, Screw Machine Contacts Available	NTS01	0G01
44	P SERIES	A	ST	Fling		1.00	PLYR	9,15,25,37 Contacts, NFC 93425 & CNET-LNZ-4404 Approved	NTS02	0G01
45	P SERIES	B	90	Fling		1.00	PLYR	9,15,25,37 Contacts, NFC 93425 & CNET-LNZ-4404 Approved	NTS02	0G01
46	SN SERIES	A	ST	Fling		1.00	THPL	9,15,25,37 Contacts, Rear Release Crimp Contacts Available See Order Key	NTS03	0G01
47	100 SERIES	A	90	Fling		1.00	THPL	9,15,25,37 Contact, Dual Port Connector	NTS05	120G1a
48	101 SERIES	A	90	Fling		1.00	THPL	9,15,25,37 Contacts, Dual Port Connector	NTS05	120G1b
49	102 SERIES	A	90	Fling		1.00	THPL	9,15,25,37 Contacts, Dual Port Connector	NTS05	120G1c
50	200 SERIES	A	90	Fling		1.00	PLYR	9,15,19,28,37 Contacts, One Piece Insulator, 19 Cntcs=.319in Footprint Onl	NTS06	0G01
51	ED SERIES	A	ST	Othr		1.00	THPL	9,15,25,37 Contacts, Avail W/Mult Mtg Brackets, See Mfr Number Key	PST03	0G01
52	ED SERIES	C	90	Othr		1.00	THPL	9,15,25,37 Contacts, Avail W/Mult Mtg Brackets, See Mfr Number Key	PST03	0G01
53	ED SERIES	I	ST	Othr		1.00	THPL	9,15,25,37 Contacts, Avail W/Mult Mtg Brackets, See Mfr Number Key	PST03	0G01
54	ED SERIES	K	90	Othr		1.00	THPL	9,15,25,37 Contacts, Avail W/Mult Mtg Brackets, See Mfr Number Key	PST03	0G01
55	FD SERIES	A	ST	Othr		.200	DAP	9,15,25,37 Contacts, See Mfr Number Key for Mounting Styles	PST09	0G01
56	FD SERIES	C	90	Othr		.200	DAP	9,15,25,37 Contacts, See Mfr Number Key for Mounting Styles	PST09	0G01
57	HDC SERIES	A	ST	Othr		1.00	DAP	9,15,25,37 Contacts, See Mfr Number Key for Mounting Styles	PST07	0G01
58	HDC SERIES	C	90	Othr		1.00	DAP	9,15,25,37 Contacts, See Mfr Number Key for Mounting Styles	PST07	0G01
59	MD SERIES	A	ST	Thru		1.00	THPL	9,15,25,37 Contacts, Avail W/Mult Mtg Brackets, See Mfr Number Key	PST01	67P2
60	MD SERIES	C	90	Brkt		1.00	THPL	9,15,25,37 Contacts, Avail W/Mult Mtg Brackets, See Mfr Number Key	PST01	67P2
61	PD SERIES	A	ST	Othr		1.00	THPL	9,15,25,37 Contacts, See Mfr Number Key for Mounting Styles	PST06	67P7
62	SD SERIES	A	ST	Thru	X	1.00	NYL	9,15,25,37 Removable Contacts, Rear Release	PST05	0G01
63	467-83		ST	Fling		2.50	PLYR	9,15,25,37 Contacts		
64	468-84			Fling		2.50	PLYR	9,15,25,37 Contacts		
65	D-SERIES	E				1.00	THPL	Two-Piece UL Rated 94V-0 Thermoplastic Insulator, 2 and 3 Level Wirewrap	SOU01	0G01
66	D-SERIES	G				1.00	THPL	Two-Piece UL Rated 94V-0 Thermoplastic Insulator	SOU01	0G01
67	DB-SERIES	E				1.00	THPL	Two Piece Bonded Thermoplastic Insulator, Qualified to MIL-C-24308	SOU01	0G01
68	DB-SERIES	F				1.00	THPL	Two Piece Bonded Thermoplastic Insulator, Qualified to MIL-C-24308	SOU01	0G01
69	DJ-SUB	C				.300	THST	Based on Standard Specs MIL-C24308, NFC93425, and BS9523-N-001	SOU05	0G01
70	DJP-SUB	E				.500	OPT	Insulators: Thermo-set or Polyester	SOU07	0G01
71	DJP-SUB	G				.500	OPT	Insulators: Thermo-set or Polyester	SOU07	0G01
72	DM-SERIES	E				1.00	THST	Conforms to BS95236N-001 and is Approved to MIL-C-24308B and NFC93425	SOU03	0G01
73	DM-SERIES	G				1.00	THST	Conforms to BS9523-N-001 and is Approved to MIL-C-24308B and NFC93425	SOU03	0G01
74	DP-SERIES	E				1.00	THPL	Non-Removable Machined Contacts	SOU01	0G01
75	DP-SERIES	F				1.00	THPL	Non-Removable Machined Contacts	SOU01	0G01
76	DTP-SERIES	E				.500	THPL	Capacitive and Pi Filtered, See Mfr Number Key	SOU02	0G01
77	DTP-SERIES	G				.500	THPL	Capacitive and Pi Filtered, See Mfr Number Key	SOU02	0G01
78	DTP-SUB	E				.500	PLYR	Based on Standard Specs MIL-C24308, NFC93425, and BS9523-N-001	SOU06	0G01
79	DTP-SUB	G				.500	PLYR	Based on Standard Specs MIL-C24308, NFC93425, and BS9523-N-001	SOU06	0G01
80	FD-SERIES	E				1.00	THPL	Two-Piece UL Rated 94V-0 Thermoplastic Insulator	SOU01	0G01
81	FD-SERIES	G				1.00	THPL	Two-Piece UL Rated 94V-0 Thermoplastic Insulator, Gold/Tin Plating	SOU01	0G01
82	FDRA	I				1.00	THPL	UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	0G01
83	FDRA	J				1.00	THPL	UL Rated (S-V) Thermoplastic Insulator, Au/Sn Plating	SOU01	66P2b
84	FDRA	K				1.00	THPL	UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	66P2c
85	FDRA	L				1.00	THPL	UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	66P2d
86	8RAFD	A				1.00	THPL	Glass Reinforced Thermoplastic, UL Rated 94V-0 Nonflammable	SOU01	0G01
87	701-001		ST	Fling	X	.300		9,15,25,37 Contacts, 1000pf, 3.2MHz, Consult Mfr. for Number Key		0G01
88	701-002		ST	Fling	X	.600		9,15,25,37 Contacts, 1000pf, 3.2MHz, Consult Mfr. for Number Key		0G01

PLUGS, D-TYPE PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		EMI	Insulator		Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type		DWV (KV)	Material				
2 ROWS (Cont'd)											
1	701-003		ST	Fing	X	.300		Y	9,15,25,37 Contacts,1000pf,3.2MHz,Consult Mfr. for Number Key		0G01
2	701-004		ST	Fing	X	1.00		Y	9,15,25,37 Contacts,5000pf,.64MHz,Consult Mfr. for Number Key		0G01
3	701-005		ST	Fing	X	1.00		Y	9,15,25,37 Contacts,4000pf,.8MHz,Consult Mfr. for Number Key		0G01
4	701-028		ST	Fing	X	.600		Y	9,15,25,37 Contacts,830pf,6.4MHz,Consult Mfr. for Number Key		0G01
5	701-029		ST	Fing	X	.300		Y	9,15,25,37 Contacts,100pf,32MHz,Consult Mfr. for Number Key		0G01
6	701-030		ST	Fing	X	1.00		Y	9,15,25,37 Contacts,2500pf,1.3MHz,Consult Mfr. for Number Key		0G01
7	701-047		ST	Fing	X	.600		Y	9,15,25,37 Contacts,375pf,14MHz,Consult Mfr. for Number Key		0G01
8	702-001		ST	Fing	X	.300		Y	9,15,25,37 Contacts,310pf,17MHz,Consult Mfr. for Number Key		0P10f
9	702-002		ST	Fing	X	.600		Y	9,15,25,37 Contacts,1000pf,3.2MHz,Consult Mfr. for Number Key		0P10f
10	702-003		ST	Fing	X	.300		Y	9,15,25,37 Contacts,1000pf,3.2MHz,Consult Mfr. for Number Key		0P10f
11	702-004		ST	Fing	X	1.00		Y	9,15,25,37 Contacts,5000pf,.64MHz,Consult Mfr. for Number Key		0P10f
12	702-005		ST	Fing	X	1.00		Y	9,15,25,37 Contacts,4000pf,.8MHz,Consult Mfr. for Number Key		0P10f
13	702-007		ST	Fing	X	.600		Y	9,15,25,37 Contacts,830pf,6.4MHz,Consult Mfr. for Number Key		0P10f
14	702-008		ST	Fing	X	.300		Y	9,15,25,37 Contacts,100pf,32MHz,Consult Mfr. for Number Key		0P10f
15	702-009		ST	Fing	X	1.00		Y	9,15,25,37 Contacts,2500pf,1.3MHz,Consult Mfr. for Number Key		0P10f
16	702-013		ST	Fing	X	.600		Y	9,15,25,37 Contacts,375pf,14MHz,Consult Mfr. for Number Key		0P10f
17	DE-9P		ST	Fing	X	1.00	NYL	Y	9,15,25,37 Contacts		0G01
18	TE-9P		ST	Fing	X	1.00	PLYR	Y	9,15,25,37 Contacts		24P3
19	TE-9P	A	ST	Fing	X	1.00	PLYR	Y	9,15,25,37 Contacts		0G01
20	IDC-D	A			X		PLYR	Y	9,15,25,37 Contacts		0G01
21	IDCL-D	A			X		PLYR	Y	9,15,25,37 Contacts		0G01
22	ORIGINAL-D	A			X		PLYR	Y	9,15,25,37 Contacts, Steel Cadmium, Zinc or Bright Tin Plating	TXT01	55P1
23	PLASTIC-D	A	90		X		PLYR	Y	9,15,25,37 Contacts, All Plastic or With Metal Front Shell	TXT03	0G01
24	RIGHT ANGLE-D	A	90		X		PLYR	Y	9,15,25,37 Contacts, Steel Cadmium, Zinc or Bright Tin Plating	TXT02	55P2
25	AEDE09P		ST	Fing	X	.500	NYL	Y	Ins. 20oz. per Contact,9,15,25,37 Contacts	VER01	0G01
26	AEDE09PC		ST	Fing	X	.500	NYL	Y	Ins. 2oz. per Contact,9,15,25,37 Contacts	VER01	0G01
27	BDE09P		ST	Fing	X	.500	PLYR	Y	Ins. 2oz. per Contact,9,15,25,37 Contacts	VER01	85P1
28	BDE09PA		ST	Brkt	X	.500	PLYR	Y	Ins. 2oz. per Contact,9,15,25,37 Contacts	VER01	0G01
29	BDE09PC		ST	Fing	X	.500	PLYR	Y	Ins. 2oz. per Contact,9,15,25,37 Contacts	VER01	0G01
30	BDE09PF		ST	Brkt	X	.500	PLYR	Y	Ins. 2oz. per Contact,9,15,25,37 Contacts	VER01	0G01
31	BEDE09P		ST	Fing	X	.500	PLYR	Y	Ins. 2oz. per Contact,9,15,25,37 Contacts	VER01	0G01
32	BEDE09PA		ST	Brkt	X	.500	PLYR	Y	Ins. 2oz. per Contact,9,15,25,37 Contacts	VER01	0G01
33	BEDE09PC		ST	Fing	X	.500	PLYR	Y	Ins. 2oz. per Contact,9,15,25,37 Contacts	VER01	0G01
34	BEDE09PF		ST	Brkt	X	.500	PLYR	Y	Ins. 2oz. per Contact,9,15,25,37 Contacts	VER01	0G01
35	SEDE09P		ST	Fing	X	.500	NYL	Y	Ins. 2oz. per Contact,Sep. .75oz. per Contact,9,15,25,37 Contacts	VER01	0G01
36	TEDE09P		ST	Fing	X	.500	PLYR	Y	9,15,25,37 Contacts,RS-232 Mating,Bulkhead Mounting,Slide-Lock Assemblie	VER01	0G01
37	ZDE09P		ST	Fing	X			Y	9,15,25,37 Contacts,Capacitance at 1kHz = SF:2200-4700pF,HF:470-1200pF	VER01	0G01
38	ZDE09PC		ST	Fing	X			Y	9,15,25,37 Contacts,Capacitance at 1kHz = SF:2200-4700pF,HF:470-1200pF	VER01	0G01
39	DSP	A	ST	Fing	X	1.00	PBT	Y	Ins. 10oz.,Sep. .7oz.,9,15,25,37 Contacts	VKC12	0P16g
40	147-11P		ST	Fing	X		PBT	Y	Contact Plating Au or Sn,9,15,25,37 Contacts	WCH10	0G01
41	149-11P		ST	Fing	X		THPL	Y	Contact Plating Au or Sn,9,15,25,37 Contacts	WCH09	14P13
42	165-11P		ST	Fing	X			Y	Contact Plating Au or Sn,9,15,25,37 Contacts	WCH11	14P15
43	167-11P		ST	Fing	X			Y	Contact Plating Au or Sn,9,15,25,37 Contacts	WCH12	0G01
44	189-11P		ST	Fing	X			Y	Contact Plating Au or Sn,9,15,25,37 Contacts	WCH20	14P1
45	247-13P		ST	Thru		1.00	PBT	Y	9,15,25,37 Contacts	WCH36	0G01
46	47-11P		ST	Fing		1.00	PBT	Y	Contact Plating Au or Sn,9,15,25,37 Contacts	WCH10	0G01
47	49-11P		ST	Fing			THPL	Y	Contact Plating Au or Sn,9,15,25,37 Contacts	WCH09	0G01
48	89-11P		ST	Fing				Y	Contact Plating Au or Sn,9,15,25,37 Contacts	WCH19	
49	553119		ST	Fing	X		THPL	Y	24,36,50 Contacts,IEEE-488 1978,Application,Standard/Reverse Orientation		0G01
50	A-DS9L	A	ST	Fing		.500	PLYM	Y	9,15,25,37,50 Contacts		0G01
51	A-DS9L	B	ST	Fing		.500	PLYM	Y	9,15,25,37,50 Contacts		0G01
52	A-DS9LF	A	ST	Fing		.500	PLYM	Y	9,15,25,37,50 Contacts		0G01
53	A-DS9LF	B	ST	Fing		.500	PLYM	Y	9,15,25,37,50 Contacts		0G01
54	A-DS9LS	A	ST	Fing		.500	PLYM	Y	9,15,25,37,50 Contacts		0G01
55	A-DS9LS	B	ST	Fing		.500	PLYM	Y	9,15,25,37,50 Contacts		0G01
56	ADS9A	A	90	Fing		1.00		Y	9,15,25,37,50 Contacts,Screwed Plastic or Metal Fing,Riveted Metal Fing	79P7	79P7
57	ADS9A	B	90	Brkt		1.00		Y	9,15,25,37,50 Contacts,Screwed or Riveted Plastic Platten	79P7	79P7
58	DD-50P		ST				PBT	Y			0G01
59	11-29	A			X	1.00	NYL	Y	Force 1-12oz per Contact, 9,15,25,37,50 Contacts	CTE01	0G01
60	IF SERIES	A		Brkt		.500	PLYR	Y	9,15,25,37,50 Contacts, D-Subminiature Series	EBY16	0G01
61	TP8500M						PLCB	Y			0G01
62	13	A	ST	Fing			THPL	Y	14,24,36,50 Contacts, Thread INS or Bail Lock Assy, See Mfr Number Key	EMS07	0G01
63	TMC	A	ST	Fing				Y	9,15,25,37,50 Contacts, Sn or Au Plating		
64	TMC	B	90	Fing				Y	9,15,25,37,50 Contacts, Sn or Au Plating		
65	DN50		ST		X	.100	PBT	Y	Housing Only,Terminals Are P/N DN50-2628PC1 (bulk),DN50-2628PC2 (chain)		120P3
66	DB	C	ST	Stnd			PBT	Y	9,15,25,37,50 Contacts, See Mfr Number Key for Options	LEOC01	56P1
67	DB	D	90	Stnd			PBT	Y	9,15,25,37,50 Contacts, See Mfr Number Key for Options	LEOC01	56P1
68	SCD-9P		ST	Fing		1.00	NYL	Y	9,15,25,37,50 Contacts	SCEC01	9P1
69	SCD-9PR		ST	Fing		1.00	NYL	Y	9,15,19,25,37 Contacts	SCEC02	0P10n
70	SCD-9PRL			Fing		1.00	NYL	Y	9,15,19,25,37,50 Contacts	SCEC02	0P10n
71	SM-9M			Fing	X	1.00	PBT	Y	9,15,25,37,50, Contacts		0G01
72	SM-9RM			Fing	X	1.00	PBT	Y	9,15,25,37,50 Contacts		0P10o
73	266-11P		ST	Fing			PBT	Y	24,36,50 Contacts	WCH23	14P23
74	266-12P		ST	Fing	X		PBT	Y	24,36,50 Contacts	WCH23	14P2
75	J9PD		ST			2.00		Y	9,11,15,21,25,31,37,51 Contacts		20P18
76	J9P90		ST			2.00		Y	9,11,15,21,25,31,37,51 Contacts		20P18
77	MCE15P		ST	Inst	X		PLYR	Y	9,15,21,25,31,37,51 Contacts,51=3Rows	MNE06	87P3
78	MCE25P		ST	Inst	X		PLYR	Y	9,15,21,25,31,37,51 Contacts,15,21,25=3Rows,31,37=4Rows,51=5Rows	MNE08	87P4
79	MES15P		ST	Inst			PLYR	Y	9,15,21,25,31,37,51 Contacts,51=3Rows	MNE07	87P3
80	MES25P		ST	Inst			PLYR	Y	9,15,21,25,31,37,51 Contacts,15,21,25=3Rows,31,37=4Rows,51=5Rows	MNE09	87P4
81	AWD		ST			.500	PLYR	Y	10,14,16,20,26,34,40,50,60,64 Contacts		79F1
82	MC9P		ST	Fing	X	.800	PLYR	Y	Ins. 6oz.,Sep. .5oz.,9,15,21,25,31,37,51,100 Contacts,51=3Rows,100=4Rows	MNE02	87P1
83	ME9P		ST	Fing		.800	OPT	Y	Ins. 6oz.,Sep. .5oz.,9,15,21,25,31,37,51,100 Contacts,51=3Rows,100=4Rows	MNE03	87P1
3 ROWS											
84	117-D	E			X	.300	DAP		Rigid and Float Mount	AAP16	0R42e
85	117-D	F			X	.300	DAP		Rigid and Float Mount	AAP16	0R43g

PLUGS, D-TYPE PRODUCT SELECTION

Line No.	Type Identification	Variation		Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Angle	Type	EMI	DWV (KV)	Material						
3 ROWS (Cont'd)												
1	117D	E		Brkt		.300	THPL			Rigid and Float Mount	AAP13	0R42e
2	117D			Brkt		.300	THPL			Rigid and Float Mount	AAP13	0R43g
3	117D	M			X	.300	DAP			Rigid and Float Mount	AAP15	0R42e
4	117D	N			X	.300	DAP			Rigid and Float Mount	AAP15	0R43g
5	117DF	E			X	.300	PBT			Rigid and Float Mount	AAP13	0R42e
6	117DF	F			X	.300	PBT			Rigid and Float Mount	AAP13	0R43g
7	17 SERIES	E			X	.500	NYL			Metal Shell	AAP14	0R42e
8	17 SERIES	F			X	.500	NYL			Metal Shell	AAP14	0R43g
9	HI-027**	C	ST	Fling		1.00	PBT	Y		Sn or Zn Plated Steel Shell		0G01
10	CDS50	A	ST	Fling			PLYR	Y		"Std", Sep./Ins. 7.2oz., Float Mount and/or Grounding Dimples Available		31P4
11	CDS50	B	ST	Fling			PLYR	Y		"Std", Ins./Sep. 7.2oz., Float Mount and/or Grounding Dimples Available		31P4
12	11.29	E	ST	Fling		1.00	NYL	Y		"Std", Ins., Sep. 12oz., M-D Series, Mounting, Plating, Grounding Options Avail		0G01
13	HDM-20	B	90	Fling			PET	Y		Posted Pin Contacts		0G01
14	207667(HDP-20)		90	Othr			THPL	Y		Mounting With Threaded Inserts/Fixed Female Screwlocks		0G01
15	745099(HDP-20)		ST	Fling			THPL	Y		Mounting With Threaded Inserts/Fixed Female Screwlocks/Standard Holes		0P15a
16	745355(HDP-20)		90	Fling	X		NYL	Y		With/Without Grounding Indents, Sn or Zn Plated Shells		0P21b
17	841209(50 Series)		ST	Fling		.250		Y		fc=2MHz,Capacitance/1KHz-3000pf Min.,RF Current 300mA		0G01
18	841219(50 Series)		ST	Fling		.250		Y		fc=2MHz,Capacitance/1KHz-3000pf Min.,RF Current 300mA		0G01
19	841264(60 Series)		ST	Fling		.250		Y		fc=150MHz,Capacitance/1KHz-175pf Max.,RF Current 300mA		0G01
20	841274(60 Series)		ST	Fling		.250		Y		fc=150MHz,Capacitance/1KHz-175pf Max.,RF Current 300mA		0G01
21	841319(70 Series)		ST	Fling		.250		Y		fc=50MHz,Capacitance/1KHz-400pf Max.,RF Current 300mA		0G01
22	841329(70 Series)		ST	Fling		.250		Y		fc=50MHz,Capacitance/1KHz-400pf Max.,RF Current 300mA		0G01
23	842511(90 Series)		ST	Fling		.250		Y		fc=30MHz,Capacitance/1KHz-600pf Max.,RF Current 300mA		0G01
24	842516(90 Series)		ST	Fling		.250		Y		fc=30MHz,Capacitance/1KHz-600pf Max.,RF Current 300mA		0G01
25	842546(100 Series)		ST	Fling		.250		Y		fc=20MHz,Capacitance/1KHz-1000pf Max.,RF Current 300mA		0G01
26	842551(100 Series)		ST	Fling		.250		Y		fc=20MHz,Capacitance/1KHz-1000pf Max.,RF Current 300mA		0G01
27	859704(20 Series)		ST	Fling		.250		Y		fc=5MHz,Capacitance/1KHz-1000pf Min.,RF Current 300mA		0G01
28	859714(20 Series)		ST	Fling		.250		Y		fc=5MHz,Capacitance/1KHz-1000pf Min.,RF Current 300mA		0G01
29	859739(30 Series)		ST	Fling		.250		Y		fc=3MHz,Capacitance/1KHz-2000pf Min.,RF Current 300mA		0G01
30	859749(30 Series)		ST	Fling		.250		Y		fc=3MHz,Capacitance/1KHz-2000pf Min.,RF Current 300mA		0G01
31	SERIES 303	E	ST	Fling		.500	PLYR	Y		Screw Machined Contacts	API03	0G01
32	SERIES 303	F	ST	Fling		.500	PLYR	Y		Screw Machined Contacts, Right Angle Offset=.370in.	API03	0G01
33	SERIES 331	C	90	Brkt		.500	PLYR	Y		Right Angle Offset=.283in.	API03	0G01
34	BERGUND	C	ST	Fling	O	1.00	THPL	Y		Rigid and Float Mounts	CAN06	0G01
35	D*D	C	ST	Fling		1.25	DAP			Rigid or Float Mount	CAN12	0G01
36	D*M	E	ST	Fling		1.25	DAP			Rigid or Float Mount	CAN10	0G01
37	D*M	G	90	Fling		1.25	DAP			Rigid or Float Mount	CAN10	0G01
38	D*P	C	90	Fling		.600	THPL			With Screwlocks or Threaded Inserts	CAN08	0G01
39	D*PF	A	90	Fling		.600	THPL			With Screwlocks or Threaded Inserts	CAN09	0G01
40	D*PF	C	ST	Fling		.600	THPL			With Screwlocks or Threaded Inserts	CAN09	0G01
41	GD	A	ST	Fling		1.00	DAP			Rigid or Float Mount	CAN11	0G01
42	ORIGINAL D	C	ST	Fling		1.25	PLYM	Y		Rigid and Float Mounts	CAN05	0G01
43	ORIGINAL D	E	90	Fling		1.25	PLYM	Y		Rigid and Float Mounts	CAN05	0G01
44	DELTA D	J		Othr		1.00	PBT			Force 2-12oz INS/SEP, 50 Contacts, See Mfr Number Key for Options	COMC03	0G01
45	DELTA D	K		Othr		1.00	PBT			Force 2-12oz INS/SEP, 50 Contacts, See Mfr Number Key for Options	COMC03	0G01
46	DELTA D	L		Othr		1.00	PBT			Force 2-12oz INS/SEP, 50 Contacts, See Mfr Number Key for Options	COMC03	0G01
47	MISER-D	C				1.00	THPL			Cd or Zn Plated Metal Shell	EBY02	0G01
48	ORIGINAL-D	E				1.00	THPL			Cd or Zn Plated Metal Shell	EBY01	0G01
49	ORIGINAL-D	G				1.00	THPL			Cd or Zn Plated Metal Shell	EBY01	0G01
50	12	C	ST	Othr			NYL	O		50 Contacts, Thread Lock and Mounting Ear, See Mfr Number Key for Option	EMSB06	
51	12	D	ST	Othr			NYL	O		50 Contacts, Thread Lock and Mounting Ear, See Mfr Number Key for Option	EMSB06	
52	G SERIES	B	ST	Fling		1.00	PLYR			Available With Float Mount Bushings	GEC01	0G01
53	G SERIES	F	90	Opt		1.00	PLYR			Available With or Without Mounting Bracket	GEC01	0G01
54	GM SERIES	E	ST			1.00	DAP			See Order Key For Mounting Options,Coax or HV Option	GEC02	0G01
55	GM SERIES	G	90			1.00	DAP			See Order Key For Mounting Options,Coax or HV Option	GEC02	0G01
56	D SERIES	A	ST	Brkt			PBT	Y			JHIC01	0P17e
57	D SERIES	C	ST	Brkt			PBT	Y			JHIC01	0P21d
58	D SERIES	D	ST	Brkt			PBT	Y			JHIC01	0P17d
59	MINIATURE D	C	ST	Fling		1.25	PLCB			125V VDE0110 Grp B Voltage Rating		0G01
60	MINIATURE D	D	90	Opt		1.25	PLCB			125V VDE0110 Grp B Voltage Rating,Mounting Bracket Optional		0G01
61	DDJ	A			X	.500	OPT			See Mfr Number Key for Options	MBC1	0G01
62	DDT	A			X	.500	OPT			See Mfr Number Key for Options	MBC1	0G01
63	ISSD50P					1.00	THPL			See Mfr Number Key for Options	MBC3	
64	MFDD50P					.300	THPL			See Mfr Number Key for Options	MBC2	0G01
65	RASD50P		90			1.00	THPL			See Mfr Number Key for Options	MBC3	
66	STSD50P					1.00	THPL			See Mfr Number Key for Options	MBC3	
67	DP SERIES	C	ST	Fling		1.00	DAP	Y		NFC,CUET,MUAHAG,GAM T1 Approved,Power And Coax Available	NTS04	0G01
68	DP SERIES	D	90	Fling		1.00	DAP	Y		NFC,CUET,MUAHAG,GAM T1 Approved,Power And Coax Available	NTS04	0G01
69	N SERIES	C	ST	Fling		1.00	THPL	Y		Screw Machine Contacts Available	NTS01	0G01
70	N SERIES	D	90	Fling		1.00	THPL	Y		Screw Machine Contacts Available	NTS01	0G01
71	P SERIES	C	ST	Fling		1.00	PLYR	Y		NFC 93425 & CNET-LNZ-4404 Approved	NTS02	0G01
72	P SERIES	D	90	Fling		1.00	PLYR	Y		NFC 93425 & CNET-LNZ-4404 Approved	NTS02	0G01
73	SN SERIES	B	ST	Fling		1.00	THPL	Y		Rear Release Crimp Contacts Available See Order Key	NTS03	0G01
74	ED SERIES	E	ST	Othr		1.00	THPL			Avail W/Mult Mounting Brackets, See Mfr Number Key	PST03	0G01
75	ED SERIES	G	90	Othr		1.00	THPL			Avail W/Mult Mounting Brackets, See Mfr Number Key	PST03	0G01
76	ED SERIES	M	ST	Othr		1.00	THPL			Avail W/Mult Mounting Brackets, See Mfr Number Key	PST03	0G01
77	ED SERIES	O	90	Othr		1.00	THPL			Avail W/Mult Mounting Brackets, See Mfr Number Key	PST03	0G01
78	FD SERIES	E	ST	Othr		.200	DAP			See Mfr Number Key for Mounting Styles	PST09	0G01
79	FD SERIES	G	90	Othr		.200	DAP			See Mfr Number Key for Mounting Styles	PST09	0G01
80	HDC SERIES	E	ST	Othr		1.00	DAP			See Mfr Number Key for Mounting Styles	PST07	0G01
81	HDC SERIES	G	90	Othr		1.00	DAP			See Mfr Number Key for Mounting Styles	PST07	0G01
82	MD SERIES	E	ST	Thru		1.00	THPL			Avail W/Mult Mounting Brackets, See Mfr Number Key	PST01	67P2
83	MD SERIES	G	90	Brkt		1.00	THPL			Avail W/Mult Mounting Brackets, See Mfr Number Key	PST01	67P2
84	PD SERIES	C	ST	Othr		1.00	THPL			See Mfr Number Key for Mounting Styles	PST06	67P7
85	SD SERIES	C	ST	Thru	X	1.00	NYL			Removable Contacts, Rear Release	PST05	0G01
86	D-SERIES	I				1.00	THPL			Two-Piece UL Rated 94V-0 Thermoplastic Insulator,2 and 3 Level Wirewrap	SOU01	0G01
87	D-SERIES	K				1.00	THPL			Two-Piece UL Rated 94V-0 Thermoplastic Insulator	SOU01	0G01
88	DB-SERIES	I				1.00	THPL			Two Piece Bonded Thermoplastic Insulator, Qualified to MIL-C-24308	SOU01	0G01

PLUGS, D-TYPE PRODUCT SELECTION

Line No.	D.A.T.A. Mfr. Code	Type Identification	Variation	Approvals							Contact							Contact Termination																						
				CSA	IEC	MIL	UL	VG	VDE	Other	Number (Flange)	Option	Type	Entry	Resistance (mOhm)	Current (Amp)	Material	Plating	Angle	Crimp	Cup	IDC	Loop	Post	Press Fit	Screw	Quick	Spring	Surface	Turret	Wrap	Other								
3 ROWS (Cont'd)																																								
1	SOU	DB-SERIES	J			•						50		Pin		10	5.0	Cu		90																				
2	SOU	DJ-SUB	E									50		Pin		5.0	5.0	Cu	Au	ST																				
3	SOU	DJP-SUB	I									50		Pin		7.0	5.0	Cu	Au	ST		•																		
4	SOU	DJP-SUB	K									50		Pin		7.0	5.0	Cu	Au	ST																				
5	SOU	DM-SERIES	I			•						50		Pin		7.0	7.0	Cu	Au	ST		•																		
6	SOU	DM-SERIES	K			•						50		Pin		7.0	7.0	Cu	Au	ST																				
7	SOU	DP-SERIES	J									50		Pin		10	5.0	Cu		ST		•																		
8	SOU	DP-SERIES	I									50		Pin		10	5.0	Cu		90																				
9	SOU	DTP-SERIES	I									50		Pin		10	5.0	Cu		ST		•																		
10	SOU	DTP-SERIES	K									50		Pin		10	5.0	Cu	Au	90																				
11	SOU	DTP-SUB	I									50		Pin		7.0	5.0	Cu	Au	ST		•																		
12	SOU	DTP-SUB	K									50		Pin		7.0	5.0	Cu	Au	90																				
13	SOU	FD-SERIES	I									50		Pin		10	5.0	Cu	Au	ST		•																		
14	SOU	FD-SERIES	K									50		Pin		10	5.0	Cu	M	ST																				
15	SOU	FDRA	Q									50		Pin		10	5.0	Cu	M	90																				
16	SOU	FDRA	R									50		Pin		10	5.0	Cu	M	90																				
17	SOU	FDRA	S									50		Pin		10	5.0	Cu	M	90																				
18	SOU	FDRA	T									50		Pin		10	5.0	Cu	M	90																				
19	SPM	741-001				•						50		Pin		10	5.0	Cu	Au	ST		•																		
20	SPM	741-002				•						50		Pin		10	5.0	Cu	Au	ST		•																		
21	SPM	741-003				•						50		Pin		10	5.0	Cu	Au	ST		•																		
22	SPM	741-004				•						50		Pin		10	5.0	Cu	Au	ST		•																		
23	SPM	741-005				•						50		Pin		10	5.0	Cu	Au	ST		•																		
24	SPM	741-027				•						50		Pin		10	5.0	Cu	Au	ST		•																		
25	SPM	741-028				•						50		Pin		10	5.0	Cu	Au	ST		•																		
26	SPM	741-029				•						50		Pin		10	5.0	Cu	Au	ST		•																		
27	SPM	741-042				•						50		Pin		10	5.0	Cu	Au	ST		•																		
28	SPM	742-001				•						50		Pin		10	5.0	Cu	Au	90																				
29	SPM	742-002				•						50		Pin		10	5.0	Cu	Au	90																				
30	SPM	742-003				•						50		Pin		10	5.0	Cu	Au	90																				
31	SPM	742-004				•						50		Pin		10	5.0	Cu	Au	90																				
32	SPM	742-005				•						50		Pin		10	5.0	Cu	Au	90																				
33	SPM	742-006				•						50		Pin		10	5.0	Cu	Au	90																				
34	SPM	742-007				•						50		Pin		10	5.0	Cu	Au	90																				
35	SPM	742-008				•						50		Pin		10	5.0	Cu	Au	90																				
36	SPM	742-009				•						50		Pin		10	5.0	Cu	Au	90																				
37	TRWN	DE-50P										50		Pin			5.0	Cu	Au	ST		•																		
38	TXT	ORIGINAL-D	C									50		Pin			5.0	Bras	Au	ST		•																		
39	TXT	RIGHT ANGLE-D	C									50		Pin			5.0	Bras	Au	90																				
40	VER	AEDD50P										50		Pin		20	5.0	Cu	Au	ST		•																		
41	VER	AEDD50PC										50		Pin		20	5.0	Cu	Au	90																				
42	VER	BDD50P										50		Pin		2.5	5.0	Cu	Au	ST		•																		
43	VER	BDD50PA										50		Pin		2.5	5.0	Cu	Au	90																				
44	VER	BDD50PC										50		Pin		2.5	5.0	Cu	Au	90																				
45	VER	BDD50PF										50		Pin		2.5	5.0	Cu	Au	90																				
46	VER	BEDD50P										50		Pin		2.5	5.0	Cu	Au	ST		•																		
47	VER	BEDD50PA										50		Pin		2.5	5.0	Cu	Au	90																				
48	VER	BEDD50PC										50		Pin		2.5	5.0	Cu	Au	90																				
49	VER	BEDD50PF										50		Pin		2.5	5.0	Cu	Au	90																				
50	VER	SEDD50P										50	S	Pin		8.0	5.0	Bras	Au	ST		•																		
51	VKC	DSP	B			•						50		Pin																										

PLUGS, D-TYPE PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type	EMI	DWV (KV)	Material				
3 ROWS (Cont'd)											
1	DB-SERIES	J				1.00	THPL		Two Piece Bonded Thermoplastic Insulator, Qualified to MIL-C-24308	SOU01	0G01
2	DJ-SUB	E				.300	THST		Based on Standard Specs MIL-C24308, NFC93425, and BS9523-N-001	SOU05	0G01
3	DJP-SUB	I				.500	OPT		Insulators: Thermo-set or Polyester	SOU07	0G01
4	DJP-SUB	K				.500	OPT		Insulators: Thermo-set or Polyester	SOU07	0G01
5	DM-SERIES	I				1.00	THST		Conforms to BS9523-N-001 and is Approved to MIL-C-24308B and NFC93425	SOU03	0G01
6	DM-SERIES	K				1.00	THST		Conforms to BS9523-N-001 and is Approved to MIL-C-24308B and NFC93425	SOU03	0G01
7	DP-SERIES	I				1.00	THPL		Non-Removable Machined Contacts	SOU01	0G01
8	DP-SERIES	J				1.00	THPL		Non-Removable Machined Contacts	SOU01	0G01
9	DTP-SERIES	I				.500	THPL		Capacitive and Pi Filtered, See Mfr Number Key	SOU02	0G01
10	DTP-SERIES	K				.500	THPL		Capacitive and Pi Filtered, See Mfr Number Key	SOU02	0G01
11	DTP-SUB	I				.500	PLYR		Based on Standard Specs MIL-C24308, NFC93425, and BS9523-N-001	SOU06	0G01
12	DTP-SUB	K				.500	PLYR		Based on Standard Specs MIL-C24308, NFC93425, and BS9523-N-001	SOU06	0G01
13	FD-SERIES	I				1.00	THPL		Two-Piece UL Rated 94V-0 Thermoplastic Insulator	SOU01	0G01
14	FD-SERIES	K				1.00	THPL		Two-Piece UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	0G01
15	FDRA	Q				1.00	THPL		UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	0G01
16	FDRA	R				1.00	THPL		UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	66P2b
17	FDRA	S				1.00	THPL		UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	66P2c
18	FDRA	T				1.00	THPL		UL Rated 94V-0 Thermoplastic Insulator, Au/Sn Plating	SOU01	66P2d
19	741-001		ST	Fing	X	.300		Y	310pf,17MHz,Consult Mfr. for Number Key		0P17c
20	741-002		ST	Fing	X	.600		Y	1000pf,3.2MHz,Consult Mfr. for Number Key		0P17c
21	741-003		ST	Fing	X	.300		Y	1000pf,3.2MHz,Consult Mfr. for Number Key		0P17c
22	741-004		ST	Fing	X	1.00		Y	5000pf,.64MHz,Consult Mfr. for Number Key		0P17c
23	741-005		ST	Fing	X	1.00		Y	4000pf,.8MHz,Consult Mfr. for Number Key		0P17c
24	741-027		ST	Fing	X	.600		Y	830pf,6.4MHz,Consult Mfr. for Number Key		0P17c
25	741-028		ST	Fing	X	.300		Y	100pf,32MHz,Consult Mfr. for Number Key		0P17c
26	741-029		ST	Fing	X	1.00		Y	2500pf,1.3MHz,Consult Mfr. for Number Key		0P17c
27	741-042		ST	Fing	X	.600		Y	375pf,14MHz,Consult Mfr. for Number Key		0P17c
28	742-001		ST	Fing	X	.300		Y	310pf,17MHz,Consult Mfr. for Number Key		0P21c
29	742-002		ST	Fing	X	.600		Y	1000pf,3.2MHz,Consult Mfr. for Number Key		0P21c
30	742-003		ST	Fing	X	.300		Y	1000pf,3.2MHz,Consult Mfr. for Number Key		0P21c
31	742-004		ST	Fing	X	1.00		Y	5000pf,.64MHz,Consult Mfr. for Number Key		0P21c
32	742-005		ST	Fing	X	1.00		Y	4000pf,.8MHz,Consult Mfr. for Number Key		0P21c
33	742-006		ST	Fing	X	.600		Y	830pf,6.4MHz,Consult Mfr. for Number Key		0P21c
34	742-007		ST	Fing	X	.300		Y	100pf,32MHz,Consult Mfr. for Number Key		0P21c
35	742-008		ST	Fing	X	1.00		Y	2500pf,1.3MHz,Consult Mfr. for Number Key		0P21c
36	742-009		ST	Fing	X	.600		Y	375pf,14MHz,Consult Mfr. for Number Key		0P21c
37	DE-50P		ST	Fing	X	1.00	NYL	Y			0G01
38	ORIGINAL-D	C			X		PLYR		Steel Cadmium, Zinc or Bright Tin Plating	TXT01	55P1
39	RIGHT ANGLE-D	C	90		X		PLYR		Steel Cadmium, Zinc or Bright Tin Plating	TXT02	55P2
40	AEDD50P		ST	Fing	X	.500	NYL	Y	Ins. 100oz. Max.	VER01	0G01
41	AEDD50PC		ST	Fing	X	.500	NYL	Y	Ins. 100oz. Max.	VER01	0G01
42	BDD50P		ST	Fing	X	.500	PLYR	Y	Ins. 100oz. Max.	VER01	85P1
43	BDD50PA		ST	Brkt	X	.500	PLYR	Y	Ins. 100oz. Max.	VER01	0G01
44	BDD50PC		ST	Fing	X	.500	PLYR	Y	Ins. 100oz. Max.	VER01	0G01
45	BDD50PF		ST	Brkt	X	.500	PLYR	Y	Ins. 100oz. Max.	VER01	0G01
46	BEDD50P		ST	Fing	X	.500	PLYR	Y	Ins. 100oz. Max.	VER01	0G01
47	BEDD50PA		ST	Brkt	X	.500	PLYR	Y	Ins. 100oz. Max.	VER01	0G01
48	BEDD50PC		ST	Fing	X	.500	PLYR	Y	Ins. 100oz. Max.	VER01	0G01
49	BEDD50PF		ST	Brkt	X	.500	PLYR	Y	Ins. 100oz. Max.	VER01	0G01
50	SEDD50P		ST	Fing	X	.500	NYL	Y	Ins. 100oz. Max.,Sep. 37.5oz. Max.	VER01	0G01
51	DSP	B	ST	Fing	X	1.00	PBT	Y	Ins. 10oz.,Sep. .7oz.	VKC12	0P15b
52	147-1150P		ST	Rivt	X			Y	Contact Plating Au or Sn	WCH10	0G01
53	189-1150P		ST	Rivt	X		PBT	Y		WCH20	
54	47-1150P		ST	Rivt	X		PBT	Y	Contact Plating Au or Sn	WCH10	14P10
55	ECR	D	90	Stnd	X	.800	RYSI		Force 10oz INS,51 Contact,See Mfr Number Key for Options	ELO17	121P9
56	DS51P		ST	Fing		.800	OPT	Y	Ins. 6oz.,Sep. .5oz.	MNE01	0P17b
57	DD SERIES	A	ST	Othr		1.00	PLYR		15,26,44,62 Contacts, See Mfr Number Key for Mounting Styles	PST08	0G01
58	DD SERIES	C	90	Othr		1.00	PLYR		15,26,44,62 Contacts, See Mfr Number Key for Mounting Styles	PST08	0G01
4 ROWS											
59	MCE9P		ST	Stnd	X		PLYR	Y	9,15,21,26,31,37 Contacts	MNE04	87P2
60	MES9P		ST	Stnd			PLYR	Y	9,15,21,25,31,37 Contacts	MNE05	87P2
61	DD SERIES	E	ST	Othr		1.00	PLYR		See Mfr Number Key for Mounting Styles	PST08	0G01
62	DD SERIES	G	90	Othr		1.00	PLYR		See Mfr Number Key for Mounting Styles	PST08	0G01

PLUGS, DIN PRODUCT SELECTION

Line No.	Type Identification	Variation	Rows Loaded (abcdetfz)	Insulator			Quality	Additional Features	Mfr. Order Key	Drawing Number	
				EMI	DWV (KV)	Material					
1 ROW											
1	H11M-C2A		e				1	Termination Pin Leading By 3.5mm,Contacts Perpendicular to Mount Surface	DIN01	999P18	
2	H11M-C2S		e				1	Termination Pin Leading By 3.5mm,Contacts Perpendicular to Mount Surface	DIN01	999P18	
3	H11M					3.1	1	Faston Terminations,Stds,DIN 41612,VG 95324,IEC 603.2,VDE 0110	DIN01	999P18	
4	TYPE H11	A	c				2	Electrical Specifications to DIN 41630		999P18	
5	TYPE H11M		b			1.0	123	Force 80-90N INS, .15N SEP		999P18	
6	H15M					3.1	1	Faston Termination,Stds:DIN 41612,VG 95324,IEC 603.2,VDE 0110	DIN01	999P20	
7	AC16M-C1A	A	a				3	Tail Length 2.9mm, VG 95 324	DIN02	999P26	
8	HB16M	A	a			1.0	123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P5	
9	HB16M	C	a			1.0	123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P5	
10	HC16M	A	a			1.0	123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P7	
11	HC16M	C	a			1.0	123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P7	
12	TYPE MINI B	B	a			1.05	PLYR 12	Termination Lengths, 2.60mm		999P5	
13	50C16M	A	a			.350	PBT	Force 3.4oz INS,.68ozSEP per Contact,Every Other Position Filled,See Key	MRC05	999P3	
14	50C16M	B	b			.350	PBT	Force 3.4oz INS,.68ozSEP per Contact,Every Other Position Filled,See Key	MRC05	999P3	
15	50C16M	C	c			.350	PBT	Force 3.4oz INS,.68ozSEP per Contact,Every Other Position Filled,See Key	MRC05	999P3	
16	51B16M	A	a			.350	PBT	Force 3.4oz INS,.68ozSEP per Contact,Every Other Position Filled,See Key	MRC05	999P1	
17	51B16M	B	b			.350	PBT	Force 3.4oz INS,.68ozSEP per Contact,Every Other Position Filled,See Key	MRC05	999P1	
18	100D16M	A	a			1.0	PBT	Force 9lb INS/SEP		999P12	
19	100D16M	B	c			1.0	PBT	Force 9lb INS/SEP		999P12	
20	100HALFB16M	A	a			1.0	PBT	Force 6.7lb INS/SEP		999P5	
21	100HALFB16M	B	b			1.0	PBT	Force 6.7lb INS/SEP		999P5	
22	100HALFC16M	A	a			1.0	PBT	Force 10.1lb INS/SEP		999P7	
23	100HALFC16M	B	b			1.0	PBT	Force 10.1lb INS/SEP		999P7	
24	100HALFC16M	C	c			1.0	PBT	Force 10.1lb INS/SEP		999P7	
25	SERIES B	L	a			1.0	PBT	12	Conforms to IEC603.2,VG95324,MIL-C-55302,BS9525,BT222,DIN41612/41494	DIN04	999P1
26	SERIES HE11	H	a			1.0	PBT	12	Conforms to DIN41494, 2 Row Insulator, Reverse	DIN04	999P28
27	SERIES Q	H	a			1.0	PBT	12	Conforms to IEC603.2,VG95324,MIL-C-55302,BS9525,BT222,DIN41612/41494	DIN04	999P27
28	Type B16M		a				PLYR	Even Numbers Loaded Row a,Meets Requirements according to IEC 603-2	VKC16	999P1	
29	Type C16M		a				PLYR	Even Numbers Loaded Row a,Meets Requirements According to IEC 603-2	VKC16	999P3	
30	Type D16M	A	a				PLYR	Meets Requirements According to IEC 603-2	VKC16	999P12	
31	Type D16M	B	a				PLYR	Meets Requirements According to IEC 603-2	VKC16	999P12	
32	B32M	A	a			1.0	123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P1	
33	B32M	C	a			1.0	123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P1	
34	C32M	A	a			1.0	123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P3	
35	C32M	D	a			1.0	123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P3	
36	R32M	A	a			1.0	123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P9	
37	Type C32M	B	a			1.0	THPL	Ins. 105oz.,Sep. 17oz.,Compatible With DIN 41612		999P3	
38	Type R32M	B	a			1.0	THPL	Ins. 105oz.,Sep. 17oz.,Compatible With DIN 41612		999P9	
39	A32-R1	A	a			1.0		DIN 41612 and VG 95324		999P9	
40	TYPE B	B	a			1.05	PLYR 123	Termination Lengths, 2.60mm		999P1	
41	11.35	B	a				PLYR	DIN Style Type R		999P1	
42	11.36	B	a				PLYR	DIN Style Type R		999P1	
43	461	A	a			1.0	TPLR 1	Inverse DIN41612-C & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999P3	
44	461	C	b			1.0	TPLR 1	Inverse DIN41612-C & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999P3	
45	463	A	a			1.0	TPLR 1	DIN41612-C & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999P3	
46	463	C	b			1.0	TPLR 1	DIN41612-C & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999P3	
47	493	A	a			1.0	THPL 1	Inverse DIN41612-R & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999P3	
48	493	D	b			1.0	THPL 1	Inverse DIN41612-R & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999P9	
49	493	E	c			1.0	THPL 1	Inverse DIN41612-R & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999P9	
50	495	A	a			1.0	TPLR 1	DIN41612-C & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999P3	
51	495	D	b			1.0	TPLR 1	DIN41612-C & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999P3	
52	495	E	c			1.0	TPLR 1	DIN41612-C & VG95324,4,8,12,16,20,24,28,32 contacts per Row	EDAC04	999P3	
53	8447E32M	A	a			1.0	PBT	Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO39	999P24	
54	8447E32M	B	c			1.0	PBT	Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO39	999P24	
55	8457-2B32M	A	a			1.0	PBT	Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO25	999P1	
56	8457-2B32M	B	b			1.0	PBT	Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO25	999P1	
57	8457-2C32M	A	a			1.0	PBT	Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO27	999P3	
58	8457-2C32M	B	b			1.0	PBT	Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO27	999P3	
59	8457B32M	A	a			1.0	PBT	Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO25	999P1	
60	8457B32M	B	b			1.0	PBT	Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO25	999P1	
61	8457C32M	A	a			1.0	PBT	Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO27	999P3	
62	8457C32M	B	b			1.0	PBT	Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO27	999P3	
63	8467C32M	A	a			1.0	PBT	Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO33	999P3	
64	8467C32M	B	b			1.0	PBT	Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO33	999P3	
65	8468C32M	A	a			1.0	PBT	Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO42	999P3	
66	8468C32M	B	b			1.0	PBT	Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO42	999P3	
67	8478R32M	A	a			1.0	PBT	Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO41	999P9	
68	8478R32M	B	b			1.0	PBT	Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO41	999P9	
69	50C32M	A	a			.350	PBT	Force 3.4oz INS,.68oz SEP per Contact, See Mfr Number Key for Options	MRC05	999P3	
70	50C32M	B	b			.350	PBT	Force 3.4oz INS,.68oz SEP per Contact, See Mfr Number Key for Options	MRC05	999P3	
71	50C32M	C	c			.350	PBT	Force 3.4oz INS,.68oz SEP per Contact, See Mfr Number Key for Options	MRC05	999P3	
72	51B32M	A	a			.350	PBT	Force 3.4oz INS,.68oz SEP per Contact, See Mfr Number Key for Options	MRC05	999P1	
73	51B32M	B	b			.350	PBT	Force 3.4oz INS,.68oz SEP per Contact, See Mfr Number Key for Options	MRC05	999P1	
74	100B32M	A	a			1.0	PBT	Force 13.4lb INS/SEP		999P1	
75	100B32M	B	b			1.0	PBT	Force 13.4lb INS/SEP		999P1	
76	100C32M	A	a			1.0	PBT	Force 20.2lb INS/SEP		999P3	
77	100C32M	B	b			1.0	PBT	Force 20.2lb INS/SEP		999P3	
78	100C32M	C	c			1.0	PBT	Force 20.2lb INS/SEP		999P3	
79	RNEC32M	B	a				PLYR 23	See Mfr Number Key for Options	RNI02	999P3	
80	B32M	A	a			1.5	OPT 2	DIN 41612,Insulation complies with VDE 0110/11.72 Para. 5		999P1	
81	SERIES B	F	a			1.0	PBT 12	Conforms to IEC603.2,VG95324,MIL-C-55302,BS9525,BT222,DIN41612/41494	DIN04	999P1	
82	SERIES HE11	J	a			1.0	PBT 12	Conforms to DIN41494, 2 Row Insulator, Reverse	DIN04	999P28	
83	SERIES Q	F	a			1.0	PBT 12	Conforms to IEC603.2,VG95324,MIL-C-55302,BS9525,BT222,DIN41612/41494	DIN04	999P27	
84	072-32114	A	a			1.0	PLYR	Type C, Standard Mounting, All Positions Loaded	DIN03	999P3	
85	072-32914	A	a			1.0	PLYR	Type C, Reversed Mounting, All Positions Loaded	DIN03	999P3	
86	072-32944	A	a			1.0	PLYR	Type C, Reversed Mounting, All Positions Loaded	DIN03	999P3	
87	BA32M	A	a				PLYR	Low Profile, See Mfr Number Key for Options	TXTO7	999P1	
88	BA32M	B	a				PLYR		TXTO7	999P1	

PLUGS, DIN PRODUCT SELECTION

Line No.	Type Identification	Variation	Rows Loaded (abcdefz)	Insulator			Quality	Additional Features	Mfr. Order Key	Drawing Number
				EMI	DWV (KV)	Material				
1 ROW (Cont'd)										
1	BB32M	A	b			PLYR		Low Profile, See Mfr Number Key for Options	TXT07	999P1
2	BB32M	B	b			PLYR			TXT07	999P1
3	Type B32M	A	a			PLYR		Meets Requirements According to IEC 603-2	VKC16	999P1
4	Type B32M	B	a			PLYR		Meets Requirements According to IEC 603-2	VKC16	999P1
5	Type C32M	A	a			PLYR		Meets Requirements According to IEC 603-2	VKC16	999P3
6	AF48MA		bdz		2.5			DIN 40040		999P14
7	G06VD32P4	A	a		1.0	PLYR	3	32 Contacts in 64 Contact Insulator	CAN01	999P3
8	G60VD64P4	B	a		1.0	PLYR	3	32 and 64 Contacts	CAN01	999P9
9	G60VM64P4	B	a		1.0	PLYR	3	32 and 64 Contacts	CAN02	999P9
10	8477R64M	B	a		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO29	999P9
11	8477R64M	C	b		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO29	999P9
12	100C64M	A	b		1.0	PBT		Force 20.2lb INS/SEP		999P3
13	G06VM96P4	B	b		1.0	PLYR	3	32 Contacts in 96 Contact Insulator	CAN01	999P3
14	DMA	B	a					96 Contacts, 3 Area Plating See Mfr Number Key for Options	EFB09	999P1
15	DMA	C	b					96 Contacts, 3 Area Plating See Mfr Number Key for Options	EFB09	999P1
16	DMA	D	c					96 Contacts, 3 Area Plating See Mfr Number Key for Options	EFB09	999P1
17	DMA	H	a					96 Contacts, 3 Area Plating See Mfr Number Key for Options	EFB09	999P1
18	DMA	I	b					96 Contacts, 3 Area Plating See Mfr Number Key for Options	EFB09	999P1
19	DMA	J	c					96 Contacts, 3 Area Plating See Mfr Number Key for Options	EFB09	999P1
20	DMA	N	a					96 Contacts,3 Area Plating See Mfr Number Key for Options	EFB09	999P1
21	DMA	O	b					96 Contacts, 3 Area Plating See Mfr Number Key for Options	EFB09	999P1
22	DMA	P	c					96 Contacts, 3 Area Plating See Mfr Number Key for Options	EFB09	999P1
2 ROWS										
23	H15M-C2A		dz				23	Tail Length 2.9mm,Premate (VEz32) Contact 1.5 or 3.5mm Longer,DIN 41 612	DIN02	999P20
24	H15M-C2S		dz				23	Term 0.8x6.3mm Sq,Premate (VEz32) Contact 1.5 or 3.5mm Longer,DIN 41 612	DIN02	999P20
25	AH15M		dz		3.0			DIN 40045		999P18
26	TYPE H15	A	dz			PLCB	2	Electrical Specifications to DIN 41630		999P20
27	TYPE H15M		dz		1.0	PLYR	123	Force 80-90N, .15N SEP		999P20
28	H15M							Conforms to DIN 41612,High Current Type		999P20
29	H15M		dz		2.5	OPT	2	DIN 41612,Quick Connect Contact,Insul. to VDE 0110/11.72 Para. 5		999P20
30	SERIES H15	B	dz		2.5	PLCB	1	Conforms to DIN41494	DIN04	999P20
31	SERIES H15	C	dz		2.5	PLCB	1	Conforms to DIN41494	DIN04	999P20
32	219 TYPE H	A	db					DIN 41612, 500V, 15A Gr. C		999P20
33	219 TYPE H	B	db					DIN 41612, 500V, 15A Gr. C		999P20
34	D16M-C1A		ac				23	Available In DIN 41612 Type	DIN01	999P12
35	D16M	A	ac		1.55		123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P12
36	D16M	B	ac		1.55		123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P12
37	HB16M	B	ab		1.0		123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P5
38	HB16M	D	ab		1.0		123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P5
39	HC16M	B	ac		1.0		123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P7
40	HC16M	D	ac		1.0		123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P7
41	Type Half C16M		ac		1.0	THPL		Ins. 53oz.,Sep. 8oz.,Compatible With DIN 41612		999P7
42	Type Half R16M		ac		1.0	THPL		Ins. 53oz.,Sep. 8oz.,Compatible With DIN 41612		999P25
43	D016M	A	ac			PLYR		See Mfr Number Key for Options	TXT08	999P12
44	D016M	B	ac			PLYR			TXT08	999P12
45	Type D16M	C	ac			PLYR		Contacts 2,6,10,14,18,22,26,30 Loaded,Meets IEC 603-2 Requirements	VKC16	999P12
46	41617	A				PLCB		Contact Plating Au or Sn,13,21,31 Contacts, DIN 41 617		36P3
47	W SERIES	A			.750	PLCB	123	13,21,31 Position,Rated 60V,Length Varies With Number of Contacts		999P29
48	W SERIES	B			.750	PLCB	123			999P29
49	M31M				2.5	OPT	2	Quick Connect Only for Power Contacts,Insul. to VDE 0110/11.72 Para. 5		999P22
50	705 TYPE B	C	a				3	DIN 41612		999P1
51	705 TYPE B	F	a				3	DIN 41612		999P1
52	705-C133B	B	a		.330	PBT	2	Force 6.72lb INS/SEP		999P1
53	705-C133B	C	ab		.330	PBT	2	Force 6.72lb INS/SEP,Staggered Contact Loading a1,b2,a3,b4 etc.		999P1
54	705-C133B	E	a		.330	PBT	2	Force 6.72lb INS/SEP		999P1
55	705-C133B	F	ab		.330	PBT	2	Force 6.72lb INS/SEP,Staggered Contact Loading a1,b2,a3,b4 etc.		999P1
56	705-C133D		ac		.400	PBT	2	Force 6.720lb INS/SEP		999P12
57	705-C133F	B	bz		.330	PLCB	2	Force 10.88lb INS/SEP		999P14
58	705-C133F	D	bz		.330	PLCB	2	Force 10.88lb INS/SEP		999P14
59	706-C143B	B	a		.330	PBT	23	Force 6.72lb INS/SEP		999P1
60	706-C143B	C	ab		.330	PBT	23	Force 6.72lb INS/SEP,Staggered Contact Loading a1,b2,a3,b4 etc.		999P1
61	706-C143B	E	a		.330	PBT	23	Force 6.72lb INS/SEP		999P1
62	706-C143B	F	ab		.330	PBT	23	Force 6.72lb INS/SEP,Staggered Contact Loading a1,b2,a3,b4 etc.		999P1
63	706-C143F	B	bz		.330	PLCB	2	Force 10.88lb INS/SEP		999P14
64	706-C143F	C	dz		.330	PLCB	2	Force 10.88lb INS/SEP		999P14
65	706-C143Q	B	a		.330	PBT	23	Force 6.720lb INS/SEP		999P27
66	706-C143Q	C	ab		.330	PBT	23	Force 6.720lb INS/SEP,Staggered Contact Loading a1,b2,a3,b4 etc.		999P27
67	AC32M-C1A		ac				123	Tail Length 2.9mm, VG 95 324	DIN02	999P26
68	AC32M-C1W		ac				23	Termination Length 5mm, VG 95 324	DIN02	999P26
69	B32M-C1A		ab				123	Available In DIN 41612 Type	DIN01	999P1
70	C32M-C1A	A	ac				3	Available In DIN 41612	DIN01	999P3
71	C32M-C1B		ac				23	Tail Length 4mm, DIN 41 612	DIN02	999P3
72	C32M-C1H	A	ac				23	Wrap Length 13mm	DIN02	999P3
73	C32M-C1H	B	ac				2	Wrap Length 14mm, Tail Surface Au, DIN 41 612	DIN02	999P3
74	C32M-C1W		ac				3	DIN 41 612	DIN02	999P3
75	C32S-C1A	B	ac				2	2.9mm Tail Length,Premate (VEa32) Contact 0.8 to 1.0mm Longer,DIN 41 612	DIN02	999P3
76	D32M-C1A	A	ac				123	Available In DIN 41612 Type	DIN01	999P12
77	D32M-C1A	B	ac				2	2.9mm Tail Length,Premate (VEa32) Contact 0.8 to 1.0mm Longer,DIN 41 612	DIN02	999P12
78	D32M-C1B		ac				3	Available In DIN 41612 Type	DIN01	999P12
79	D32M-C1H	A	ac				23	Wrap Length 20mm, DIN 41 612	DIN02	999P12
80	D32M-C1H	B	ac				2	Wrap Length 20mm, DIN 41 612, Au Plated Termination	DIN02	999P12
81	D32M-C1W		ac				3	Tail Length 8mm, DIN 41 612	DIN02	999P12
82	F32M-C1A	A	bz				123	Tail Length 2.9mm,DIN 41 612	DIN02	999P14
83	F32M-C1A	B	bz				2	Tail Length 2.9mm,Increased Resistance to Creepage Current,DIN 41 612	DIN02	999P14
84	F32M-C1A	C	dz				2	Tail Length 2.9mm,Increased Resistance to Creepage Current,DIN 41 612	DIN02	999P14
85	F32M-C1A	D	dz				23	Available in DIN 41612 Type	DIN01	999P14

PLUGS, DIN PRODUCT SELECTION

Line No.	Type Identification	Variation	Rows Loaded (abcdefz)	Insulator			Quality	Additional Features	Mfr. Order Key	Drawing Number
				EMI	DWV (KV)	Material				
2 ROWS (Cont'd)										
1	R32M-C1B		ac				3	Tail Length 4mm, DIN 41 612	DIN02	999P9
2	R32M-C1H		ac				23	Wrap Length 13mm, Available In DIN 41612	DIN01	999P9
3	R32M-C1HY		ac				3	Solid Beam Press Fit, Wire Wrap, Pin Length 20mm, Available In DIN 41612	DIN01	999P9
4	R32M-C1HYU		ac				2	Wrap Length 9mm, Pressfit Length 3mm, Ni Plated w/8mm Au Zone, DIN 41 612	DIN02	999P9
5	R32M-C1HZ		ac				123	Compliant Press Fit Wire Wrap Pins, Pin Length 20mm	DIN01	999P9
6	R32M-C1Y		ac				3	Tail Length 6mm, Pressfit Length 3mm, DIN 41 612	DIN02	999P9
7	R32M-C1Z		ac				123	Compliant Press Fit (Wire Wrap) Pins, Pin Length 6mm	DIN01	999P9
8	B32M	B	ab		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999P1
9	B32M	D	ab		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999P1
10	C32M	B	ac		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999P3
11	C32M	C	ac		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999P3
12	D32M	A	ac		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999P12
13	D32M	B	ac		1.55		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999P12
14	F32M	A	bz		1.55		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999P14
15	F32M	B	dz		1.55		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999P14
16	F32M	C	bz		1.55		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999P14
17	F32M	D	dz		1.55		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999P14
18	HB32M	A	ab		1.0		123	Stds: DIN 41612, VG 95324, IEC N603.2	DIN01	999P5
19	HB32M	B	ab		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999P5
20	HC32M	A	ab		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999P7
21	HC32M	B	ac		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999P7
22	HC32M	C	ab		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999P7
23	HC32M	D	ac		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999P7
24	R32M	B	ac		1.0		123	Stds: DIN 41612, VG 95324, IEC 603.2	DIN01	999P9
25	Type C32M	A	ac		1.0	THPL		Ins. 105oz., Sep. 17oz., Compatible With DIN 41612		999P3
26	Type Half C32M		ac		1.0	THPL		Ins. 105oz., Sep. 17oz., Compatible With DIN 41612		999P7
27	Type Half R32M		ac		1.0	THPL		Ins. 105oz., Sep. 17oz., Compatible With DIN 41612		999P25
28	Type R32M	A	ac		1.0	THPL		Ins. 105oz., Sep. 17oz., Compatible With DIN 41612		999P9
29	AF32MA	A	bz		2.5			DIN 40040		999P14
30	AF32MA	B	dz		2.5			DIN 40040		999P14
31	A16-D1	A	ac		2.0		123	DIN 40040		999P12
32	A16-D1	B	ac		2.0		123	DIN 40040		999P12
33	TYPE C	C	ac		1.05	PLYR	23	Termination Length 2.60mm, Even Contacts Loaded		999P3
34	TYPE D	A	ac			PLCB	2	Electrical Specifications to DIN 41630		999P12
35	TYPE MINI B	A	ab		1.05	PLYR	12	Termination Lengths, 2.60mm		999P5
36	TYPE MINI C	B	ac		1.05	PLYR	12	Termination Length 2.60mm		999P7
37	G60VD96P4	B	ac		1.0	PLYR	3	Only Even Numbered Pins Loaded		999P9
38	G60VM96P4	C	ac		1.0	PLYR	3	Only Even Numbered Pins Loaded		999P9
39	11.35	C	ab			PLYR		DIN Style Type R, Even Positions Loaded		999P1
40	11.36	C	ab			PLYR		DIN Style Type R, Even Positions Loaded		999P1
41	11.40	C	ac			PLYR		DIN Style Type R, Even Positions Loaded		999P3
42	11.41	C	ac			PLYR		DIN Style Type R, Even Positions Loaded		999P3
43	11.42	B	ac			PLYR		DIN Style Type R, Even Positions Loaded		999P3
44	430	B	ab			NYL		Press Fit and Solder Styles, Gold and Tin Plating, See Mfr Number Key	EFB03	999P3
45	430	C	ac			NYL		Press Fit and Solder Styles, Gold and Tin Plating, See Mfr Number Key	EFB03	999P3
46	430	D	bc			NYL		Press Fit and Solder Styles, Gold and Tin Plating, See Mfr Number Key	EFB03	999P3
47	8447E32M	C	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Even Number, See Mfr Number Key for Options	ELO39	999P24
48	8447E32M	D	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Odd Number, See Mfr Number Key for Options	ELO39	999P24
49	8447E32M	E	ae		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Even Number, See Mfr Number Key for Options	ELO39	999P24
50	8447E32M	F	ae		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Odd Number, See Mfr Number Key for Options	ELO39	999P24
51	8457-2B32M	C	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Even Numbers, See Mfr Number Key for Options	ELO25	999P1
52	8457-2B32M	D	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Odd Numbers, See Mfr Number Key for Options	ELO25	999P1
53	8457-2C32M	C	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Even Number, See Mfr Number Key for Options	ELO27	999P3
54	8457-2C32M	D	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Odd Number, See Mfr Number Key for Options	ELO27	999P3
55	8457-2C32M	E	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Even Number, See Mfr Number Key for Options	ELO27	999P3
56	8457-2C32M	F	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Odd Number, See Mfr Number Key for Options	ELO27	999P3
57	8457B32M	C	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Even Numbers, See Mfr Number Key for Options	ELO25	999P1
58	8457B32M	D	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Odd Numbers, See Mfr Number Key for Options	ELO25	999P1
59	8457C32M	C	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Even Number, See Mfr Number Key for Options	ELO27	999P3
60	8457C32M	D	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Odd Number, See Mfr Number Key for Options	ELO27	999P3
61	8457C32M	E	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Even Number, See Mfr Number Key for Options	ELO27	999P3
62	8457C32M	F	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Odd Number, See Mfr Number Key for Options	ELO27	999P3
63	8467-2C32M	C	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Even Number, See Mfr Number Key for Options	ELO33	999P3
64	8467-2C32M	D	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Odd Number, See Mfr Number Key for Options	ELO33	999P3
65	8467-2C32M	E	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Even Number, See Mfr Number Key for Options	ELO33	999P3
66	8467-2C32M	F	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Odd Number, See Mfr Number Key for Options	ELO33	999P3
67	8467C32M	C	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Even Number, See Mfr Number Key for Options	ELO33	999P3
68	8467C32M	D	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Odd Number, See Mfr Number Key for Options	ELO33	999P3
69	8467C32M	E	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Even Number, See Mfr Number Key for Options	ELO33	999P3
70	8467C32M	F	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Odd Number, See Mfr Number Key for Options	ELO33	999P3
71	8468C32M	C	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Even Number, See Mfr Number Key for Options	ELO42	999P3
72	8468C32M	D	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Odd Number, See Mfr Number Key for Options	ELO42	999P3
73	8468C32M	E	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Even Number, See Mfr Number Key for Options	ELO42	999P3
74	8468C32M	F	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Odd Number, See Mfr Number Key for Options	ELO42	999P3
75	8477R32M	A	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO29	999P9
76	8477R32M	B	bc		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Fully, See Mfr Number Key for Options	ELO29	999P9
77	8477R32M	C	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Even Number, See Mfr Number Key for Options	ELO29	999P9
78	8477R32M	D	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Odd Number, See Mfr Number Key for Options	ELO29	999P9
79	8477R32M	E	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Even Number, See Mfr Number Key for Options	ELO29	999P9
80	8477R32M	F	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Odd Number, See Mfr Number Key for Options	ELO29	999P9
81	8478R32M	C	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Even Number, See Mfr Number Key for Options	ELO41	999P9
82	8478R32M	E	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Even Number, See Mfr Number Key for Options	ELO41	999P9
83	8478R32M	F	ac		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Odd Number, See Mfr Number Key for Options	ELO41	999P9
84	8478R632M	D	ab		1.0	PBT		Force 3oz INS, 2oz SEP, Loaded Odd Number, See Mfr Number Key for Options	ELO41	999P9
85	HALF BKM		ab		1.0	PLYR	123	Force 30N INS, .15N SEP		999P5
86	TYPE DM		ac		1.0	PLYR	123	Force 40N INS, .15N SEP		999P12
87	PCN-B32M	A	ab			PBT		13mm/Transfer Zone Termination, Even Numbered Pins Loaded	HRS17	999P1
88	PCN-B32M	B	ab			PBT		13mm/Transfer Zone Termination, Even Numbered Pins Loaded	HRS17	999P1

PLUGS, DIN PRODUCT SELECTION

Line No.	Type Identification	Variation	Rows Loaded (abcdefz)	Insulator			Quality	Additional Features	Mfr. Order Key	Drawing Number
				EMI	DWV (KV)	Material				
2 ROWS (Cont'd)										
1	PCN-B32M	C	ab			PBT		13mm/Transfer Zone Termination,Odd Numbered Pins Loaded	HRS17	999P1
2	PCN-B32M	D	ab			PBT		13mm/Transfer Zone Termination,Odd Numbered Pins Loaded	HRS17	999P1
3	PCN-B32M	E	ab			PBT		13mm/Transfer Zone Termination,a=Odd Numbers,b=Even Numbers Loaded	HRS17	999P1
4	PCN-B32M	F	ab			PBT		13mm/Transfer Zone Termination,a=Odd Numbers,b=Even Numbers Loaded	HRS17	999P1
5	PCN-B32M	G	ab			PBT		13mm/Transfer Zone Termination,a=Even Numbers,b=Odd Numbers Loaded	HRS17	999P1
6	PCN-B32M	H	ab			PBT		13mm/Transfer Zone Termination,a=Even Numbers,b=Odd Numbers Loaded	HRS17	999P1
7	PCN-C32M	A	ab			PBT		13mm/Transfer Zone Termination,a=Odd Pins,b=Even Pins Loaded	HRS17	999P3
8	PCN-C32M	B	ab			PBT		13mm/Transfer Zone Termination,a=Odd Pins,b=Even Pins Loaded	HRS17	999P3
9	PCN-C32M	C	ac			PBT		13mm/Transfer Zone Termination,a=Odd Pins,b=Even Pins Loaded	HRS17	999P3
10	PCN-C32M	D	ac			PBT		13mm/Transfer Zone Termination,a=Odd Pins,b=Even Pins Loaded	HRS17	999P3
11	PCN-C32M	E	bc			PBT		13mm/Transfer Zone Termination,b=Odd Pins,c=Even Pins Loaded	HRS17	999P3
12	PCN-C32M	F	bc			PBT		13mm/Transfer Zone Termination,b=Odd Pins,c=Even Pins Loaded	HRS17	999P3
13	PCN-C32M	G	ab			PBT		13mm/Transfer Zone Termination,a=Even Pins,b=Odd Pins Loaded	HRS17	999P3
14	PCN-C32M	H	ab			PBT		13mm/Transfer Zone Termination,a=Even Pins,b=Odd Pins Loaded	HRS17	999P3
15	PCN-C32M	I	ac			PBT		13mm/Transfer Zone Termination,a=Even Pins,c=Odd Pins Loaded	HRS17	999P3
16	PCN-C32M	J	ac			PBT		13mm/Transfer Zone Termination,a=Even Pins,c=Odd Pins Loaded	HRS17	999P3
17	PCN-C32M	K	bc			PBT		13mm/Transfer Zone Termination,b=Even Pins,c=Odd Pins Loaded	HRS17	999P3
18	PCN-C32M	L	bc			PBT		13mm/Transfer Zone Termination,b=Even Pins,c=Odd Pins Loaded	HRS17	999P3
19	PCN-HALF B32M	A	ab			PBT		13mm/Transfer Zone Termination,Even Numbered Pins Loaded	HRS17	999P5
20	PCN-HALF B32M	B	ab			PBT		13mm/Transfer Zone Termination,Even Numbered Pins Loaded	HRS17	999P5
21	PCN-HALF B32M	C	ab			PBT		13mm/Transfer Zone Termination,Odd Numbered Pins Loaded	HRS17	999P5
22	PCN-HALF B32M	D	ab			PBT		13mm/Transfer Zone Termination,Odd Numbered Pins Loaded	HRS17	999P5
23	PCN-HALF B32M	F	ab			PBT		13mm/Transfer Zone Termination,a=Odd Pins,b=Even Pins Loaded	HRS17	999P5
24	PCN-HALF B32M	G	ab			PBT		13mm/Transfer Zone Termination,a=Even Pins,b=Odd Pins Loaded	HRS17	999P5
25	PCN-HALF C32M	H	ab			PBT		13mm/Transfer Zone Termination,a=Even Pins,b=Odd Pins Loaded	HRS17	999P5
26	PCN-HALF C32M	A	ab			PBT		13mm/Transfer Zone Termination,a=Odd Pins,b=Even Pins Loaded	HRS17	999P7
27	PCN-HALF C32M	B	ab			PBT		13mm/Transfer Zone Termination,a=Odd Pins,b=Even Pins Loaded	HRS17	999P7
28	PCN-HALF C32M	C	ac			PBT		13mm/Transfer Zone Termination,a=Odd Pins,c=Even Pins Loaded	HRS17	999P7
29	PCN-HALF C32M	D	ac			PBT		13mm/Transfer Zone Termination,a=Odd Pins,c=Even Pins Loaded	HRS17	999P7
30	PCN-HALF C32M	E	bc			PBT		13mm/Transfer Zone Termination,b=Odd Pins,c=Even Pins Loaded	HRS17	999P7
31	PCN-HALF C32M	F	bc			PBT		13mm/Transfer Zone Termination,b=Odd Pins,c=Even Pins Loaded	HRS17	999P7
32	PCN-HALF C32M	G	ab			PBT		13mm/Transfer Zone Termination,a=Even Pins,b=Odd Pins Loaded	HRS17	999P7
33	PCN-HALF C32M	H	ab			PBT		13mm/Transfer Zone Termination,a=Even Pins,b=Odd Pins Loaded	HRS17	999P7
34	PCN-HALF C32M	I	ac			PBT		13mm/Transfer Zone Termination,a=Even Pins,c=Odd Pins Loaded	HRS17	999P7
35	PCN-HALF C32M	J	ac			PBT		13mm/Transfer Zone Termination,a=Even Pins,c=Odd Pins Loaded	HRS17	999P7
36	PCN-HALF C32M	K	bc			PBT		13mm/Transfer Zone Termination,b=Even Pins,c=Odd Pins Loaded	HRS17	999P7
37	PCN-HALF C32M	L	bc			PBT		13mm/Transfer Zone Termination,b=Even Pins,c=Odd Pins Loaded	HRS17	999P7
38	PNC-HALF B32M	E	ab			PBT		13mm/Transfer Zone Termination,a=Odd Pins,b=Even Pins Loaded	HRS17	999P5
39	B SERIES	B	a		1.00	PLCB	123	Rated 250V/32 Pos,125V/64 Pos	HRS17	999P1
40	B SERIES	F	a		1.00	PLCB	123	Rated 250V/32 Pos,125V/64 Pos		999P1
41	D SERIES	A	ac		2.00	PLCB	12	Rated 250V,Every Other Position Loaded For 16 Contacts,2&3,6&7,10&11 etc		999P12
42	D SERIES	C	ac		2.00	PLCB	12	Rated 250V,Every Other Position Loaded For 16 Contacts,2&3,6&7,10&11 etc		999P12
43	F SERIES	A	zb		1.50	PLCB	12	Rated 250V,All Positions Loaded For Rows Indicated		999P14
44	F SERIES	B	zd		1.50	PLCB	12	Rated 250V,All Positions Loaded For Rows Indicated		999P14
45	F SERIES	C	bd		1.50	PLCB	12	Rated 250V,All Positions Loaded For Rows Indicated		999P14
46	F SERIES	I	zb		1.50	PLCB	12	Rated 250V,All Positions Loaded For Rows Indicated		999P14
47	F SERIES	J	zd		1.50	PLCB	12	Rated 250V,All Positions Loaded For Rows Indicated		999P14
48	F SERIES	K	bd		1.50	PLCB	12	Rated 250V,All Positions Loaded For Rows Indicated		999P14
49	50C32M	D	ab		.350	PBT		Force 3.4oz INS,.68ozSEP per Contact,Every Other Position Filled,See Key	MRC08	999P3
50	50C32M	E	ac		.350	PBT		Force 3.4oz INS,.68ozSEP per Contact,Every Other Position Filled,See Key	MRC05	999P3
51	50C32M	F	bc		.350	PBT		Force 3.4oz INS,.68ozSEP per Contact,Every Other Position Filled,See Key	MRC05	999P3
52	51B32M	C	ab		.350	PBT		Force 3.4oz INS,.68ozSEP per Contact,Every Other Position Filled,See Key		999P1
53	100D32M		ac		1.0	PBT		Force 9lb INS/SEP		999P12
54	100HALFB32M		ab		1.0	PBT		Force 6.7lb INS/SEP		999P5
55	100HALFC32M	A	ab		1.0	PBT		Force 10.1lb INS/SEP		999P7
56	100HALFC32M	B	ac		1.0	PBT		Force 10.1lb INS/SEP		999P7
57	100HALFC32M	C	bc		1.0	PBT		Force 10.1lb INS/SEP		999P7
58	101F32M	A	bz		1.0	PBT		Force 16.8lb INS/SEP		999P14
59	101F32M	B	dz		1.0	PBT		Force 16.8lb INS/SEP		999P14
60	101F32M	C	bd		1.0	PBT		Force 16.8lb INS/SEP		999P14
61	RNEC32M	A	ac			PLYR	23	See Mfr Number Key for Options	RNI02	999P3
62	B32M	A	a		1.00	PLYR	2	Conforms to DIN 41612 Standard		999P1
63	B32M	B	a		1.00	PLYR	3	Conforms to DIN 41612 Standard		999P1
64	D32M		ac					Conforms to DIN 41612,High Current Type		999P12
65	MINI B32M		ab					Half Length,2x16 Rows Fully Loaded,DIN 41612		999P5
66	B32M	B	ab		1.5	OPT	2	DIN 41612,Even Positions Loaded,Insul. to VDE 0110/11.72 Para. 5		999P1
67	C32M		ac		1.5	OPT	2	DIN 41612,Even Positions Loaded,Insul. to VDE 0110/11.72 Para. 5		999P3
68	D32M		ac		2.5	OPT	2	DIN 41612,Even Positions Loaded,Insul. to VDE 0110/11.72 Para. 5		999P12
69	F32M		bz		2.5	OPT	2	DIN 41612,Insul. to VDE 0110/11.72 Para. 5		999P14
70	Mini C32M		ac		1.5	OPT	2	DIN 41612,Insul. to VDE 0110/11.72 Para. 5		999P7
71	SERIES B	G	ab		1.0	PBT	12	Conforms to IEC603.2,VG95324,MIL-C-55302,BS9525,BT222,DIN41612/41494	DIN04	999P1
72	SERIES C	H	ac		1.0	PBT	12	Conforms to IEC603.2,VG95324,MIL-C-55302,BS9525,BT222,DIN41612/41494	DIN04	999P3
73	SERIES D	E	ac		1.0	PLCB	123	Conforms to DIN41494	DIN04	999P12
74	SERIES F	B	bz		1.5	PLCB	12	PCB Grid z-b=2.71mm,b-d=3.71mm,32 Hole Polarization,Conforms to DIN41494	DIN04	999P14
75	SERIES F	F	dz		1.5	PLCB	12	PCB Grid z-b=2.71mm,b-d=3.71mm,32 Hole Polarization,Conforms to DIN41494	DIN04	999P14
76	SERIES F	H	bz		1.5	PLCB	123	Conforms to DIN41494, 32 Hole Polarization	DIN04	999P14
77	SERIES F	I	dz		1.5	PLCB	123	Conforms to DIN41494, 32 Hole Polarization	DIN04	999P14
78	SERIES F	J	bz		1.5	PLCB	123	Conforms to DIN41494, 32 Hole Polarization	DIN04	999P14
79	SERIES F	L	bz		1.5	PLCB	12	PCB Grid z-b=2.71mm,b-d=3.71mm,8 Hole Polarization,Conforms to DIN41494	DIN04	999P14
80	SERIES F	M	bz		1.5	PLCB	12	PCB Grid z-b=2.71mm,b-d=3.71mm,8 Hole Polarization,Conforms to DIN41494	DIN04	999P14
81	SERIES F	O	bz		1.5	PLCB	123	Conforms to DIN41494, 8 Hole Polarization	DIN04	999P14
82	SERIES F	P	dz		1.5	PLCB	123	Conforms to DIN41494, 8 Hole Polarization	DIN04	999P14
83	SERIES F	Q	bz		1.5	PLCB	123	Conforms to DIN41494, 8 Hole Polarization	DIN04	999P14
84	SERIES HE11	K	ab		1.0	PBT	12	Conforms to DIN41494, 2 Row Insulator, Reverse	DIN04	999P28
85	SERIES HE11	P	ac		1.0	PBT	12	Conforms to DIN41494, 3 Row Insulator, Reverse	DIN04	999P28
86	SERIES Q	G	ab		1.0	PBT	12	Conforms to IEC603.2,VG95324,MIL-C-55302,BS9525,BT222,DIN41612/41494	DIN04	999P27
87	SERIES R	H	ac		1.0	PBT	12	Conforms to IEC603.2,VG95324,MIL-C-55302,BS9525,BT222,DIN41612/41494	DIN04	999P9
88	072-32114	B	ac		1.0	PLYR		Type C, Standard Mounting, Even Positions Loaded	DIN03	999P3

PLUGS, DIN PRODUCT SELECTION

Line No.	Type Identification	Variation	Rows Loaded (abcdefz)	Insulator			Quality	Additional Features	Mfr. Order Key	Drawing Number
				EMI	DWV (KV)	Material				
2 ROWS (Cont'd)										
1	072-32914	B	ac		1.0	PLYR		Type C, Reversed Mounting, Even Positions Loaded	DIN03	999P3
2	072-32944	B	ac		1.0	PLYR		Type C, Reversed Mounting, Even Positions Loaded	DINP3	999P3
3	C/2B32M	A	ab			PLYR		DIN 41612	TXT05	999P7
4	C/2B32M	B	ab			PLYR		DIN 41612	TXT05	999P7
5	C/2032M	A	ac			PLYR		DIN 41612	TXT05	999P7
6	C/2032M	B	ac			PLYR		DIN 41612	TXT05	999P7
7	D032M	A	ac			PLYR		See Mfr Number Key for Options	TXT08	999P12
8	D032M	B	ac			PLYR			TXT08	999P12
9	Type B32M	C	ab			PLYR		Even Numbers Loaded Rows a,b,Meets Requirements according to IEC 603-2	VKC16	999P1
10	Type C32M	B	ac			PLYR		Odd Numbers Loaded Row a,Even Numbers Row c,Meets IEC 603-2 Requirements	VKC16	999P3
11	Type C32M	C	ac			PLYR		Even Numbers Loaded Row a,c,Meets Requirements According to IEC 603-2	VKC16	999P3
12	Type D32M	A	ac			PLYR		Meets Requirements According to IEC 603-2	VKC16	999P12
13	219 TYPE F	B	db					DIN 41612, 125V, 6A Gr. C		999P14
14	705-C133F	A	bdz		.330	PLCB	2	Force 16.32lb INS/SEP		999P14
15	705-C133F	C	bdz		.330	PLCB	2	Force 16.32lb INS/SEP		999P14
16	706-C143F	A	bdz		.330	PLCB	2	Force 16.32lb INS/SEP		999P14
17	F SERIES	D	zbd		1.50	PLCB	12	Rated 250V,All Positions Loaded For Rows Indicated		999P14
18	F SERIES	L	zbd		1.50	PLCB	12	Rated 250V,All Positions Loaded For Rows Indicated		999P14
19	F48M		abc					Conforms to DIN 41612,High Current Type		999P14
20	C50M		ab		1.5	OPT	2	3 Post Power (15A) Connectors,Insul. to VDE 0110/11.72 Para. 5		
21	705 TYPE B	A	ab				2	DIN 41612		999P1
22	705 TYPE B	B	ab				3	DIN 41612		999P1
23	705 TYPE B	D	ab				2	DIN 41612		999P1
24	705 TYPE B	E	ab				3	DIN 41612		999P1
25	705-C133B	A	ab		.330	PBT	2	Force 13.4lb INS/SEP		999P1
26	705-C133B	D	ab		.330	PBT	2	Force 13.4lb INS/SEP		999P1
27	706-C143B	A	ab		.330	PBT	23	Force 13.4lb INS/SEP		999P1
28	706-C143B	D	ab		.330	PBT	23	Force 13.4lb INS/SEP		999P1
29	706-C143Q	A	ab		.330	PBT	23	Force 13.44lb INS/SEP		999P27
30	B64M-C1A		ab				123	Available In DIN 41612	DIN01	999P1
31	B64M-C1B		ab				123	Tail Length 4mm, DIN 41 612	DIN02	999P1
32	B64M-C1H		ab				23	Wrap Length 13mm, DIN 41 612	DIN02	999P9
33	C64M-C1A		ac				123	Available In DIN 41612	DIN01	999P3
34	C64M-C1A	A	ac				23	2.9mm Tail Length,Premate (VEa32) Contact 0.8 to 1.0mm Longer,DIN 41 612	DIN02	999P3
35	C64M-C1B		ac				123	Tail Length 4mm, DIN 41 612	DIN02	999P3
36	C64M-C1H	A	ac				23	Wrap Length 13mm, DIN 41 612	DIN02	999P3
37	C64M-C1H	B	ac				2	Wrap Length 14mm, Tail Surface Au, DIN 41 612	DIN02	999P3
38	C64M-C1W		ac				3	DIN 41 612	DIN02	999P3
39	R64M-C1B		ac				3	Tail Length 4mm, DIN 41 612	DIN02	999P9
40	R64M-C1H		ac				23	Wrap length 13mm,Available In DIN 41612 Type	DIN01	999P9
41	R64M-C1HY		ac				3	Solid Beam Press Fit,Wire Wrap,Pin Length 20mm,Available In DIN 41612	DIN01	999P9
42	R64M-C1HYU		ac				2	Wrap Length 9mm,Pressfit Length 3mm,Ni Plated w/8mm Au Zone,DIN 41 612	DIN02	999P9
43	R64M-C1HZ		ac				123	Compliant Press Fit Wire Wrap Pins,Pin Length 20mm	DIN01	999P9
44	R64M-C1Y		ac				3	Tail Length 6mm, Pressfit Length 3mm, DIN 41 612	DIN02	999P9
45	R64M-C1Z		ac				123	Compliant Press Fit (Wire Wrap) Pins,Pin Length 6mm	DIN01	999P9
46	B64M	A	ab		1.0		123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P1
47	B64M	B	ab		1.0		123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P1
48	C64M	A	ab		1.0		123	Stds:DIN 41612,VG 95324, IEC 603.2	DIN01	999P3
49	C64M	B	ac		1.0		123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P3
50	C64M	C	ab		1.0		123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P3
51	C64M	D	ac		1.0		123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P3
52	R64M		ac		1.0		123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P9
53	Type B64M		ab		1.0	THPL		Ins. 211oz.,Sep. 34oz.,Compatible With DIN 41612		999P1
54	Type C64M		ac		1.0	THPL		Ins. 211oz.,Sep. 34oz.,Compatible With DIN 41612		999P3
55	Type R64M		ac		1.0	THPL		Ins. 211oz.,Sep. 34oz.,Compatible With DIN 41612		999P9
56	A32-R1	B	ac		1.0			DIN 41612 and VG 95324		999P9
57	A32-S1	A	ac		1.0		123	DIN 41612 and VG 95324		999P3
58	A32-S1	C	ab		1.0		123	DIN 41612 and VG 95324		999P3
59	A32-U1	B	ab		1.0		123	DIN 41612 and VG 95324		999P1
60	A32-U2	A	ab		1.0		123	DIN 41612 and VG 95324		999P1
61	TYPE B	A	ab		1.05	PLYR	123	Termination Lengths, 2.6mm		999P1
62	TYPE C	B	ac		1.05	PLYR	123	Termination Length 2.60mm		999P3
63	TYPE R	B	ac		1.05	PLYR	12	Termination Length 4.0 and 13.0mm		999P9
64	G06VD32P4	B	ac		1.0	PLYR	3	32 Contacts in 96 Contact Insulator	CAN01	999P3
65	G06VD32P4	C	ac		1.0	PLYR	3	32 Contacts Staggered, Beginning at a1,in 64 Contact Insulator	CAN01	999P3
66	G60VD64P4	A	ac		1.0	PLYR	3	32 Contacts in 64 Contact Insulator	CAN02	999P9
67	G60VD96P4	C	ab		1.0	PLYR	3			999P9
68	G60VM64P4	A	ac		1.0	PLYR	3	32 Contacts in 64 Contact Insulator		999P9
69	G60VM96P4	C	ab		1.0	PLYR	3			999P9
70	11.35	A	ab			PLYR		DIN Style Type R		999P1
71	11.36	A	ab			PLYR		DIN Style Type R		999P1
72	11.40	B	ac			PLYR		DIN Style Type R		999P3
73	11.41	B	ac			PLYR		DIN Style Type R		999P3
74	11.42	A	ac			PLYR		DIN Style Type R		999P3
75	461	B	ab		1.0	TPLR	1	Inverse DIN41612-C & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999P3
76	463	B	ab		1.0	TPLR	1	DIN41612-C & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999P3
77	493	B	ab		1.0	THPL	1	Inverse DIN41612-R & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999P9
78	493	F	ac		1.0	THPL	1	Inverse DIN41612-R & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999P9
79	493	G	bc		1.0	THPL	1	Inverse DIN41612-R & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999P9
80	495	B	ab		1.0	TPLR	1	DIN41612-C & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999P3
81	8447E64M	A	ae		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Nubmer Key for Options	ELO39	999P24
82	8447E64M	B	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO39	999P24
83	8447E64M	C	ce		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO39	999P24
84	8457-2B64M		ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO25	999P1
85	8457-2C64M	A	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO27	999P3
86	8457-2C64M	B	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO27	999P3
87	8457-2C64M	C	bc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO27	999P3
88	8457B64M		ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO25	999P1

PLUGS, DIN PRODUCT SELECTION

Line No.	Type Identification	Variation	Rows Loaded (abcdefz)	Insulator			Quality	Additional Features	Mfr. Order Key	Drawing Number
				EMI	DWV (KV)	Material				
2 ROWS (Cont'd)										
1	8457C64M	A	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO27	999P3
2	8457C64M	B	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO27	999P3
3	8457C64M	C	bc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO27	999P3
4	8467C64M	A	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO33	999P3
5	8467C64M	B	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO33	999P3
6	8467C64M	C	bc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO33	999P3
7	8468C64M	A	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO42	999P3
8	8468C64M	B	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO42	999P3
9	8468C64M	C	bc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO42	999P3
10	8477R64M	A	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO29	999P9
11	8478R64M	A	ac		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO41	999P9
12	8478R64M	B	ab		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO41	999P9
13	8478R64M	C	bc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO41	999P9
14	42-1	A						See Mfr Number Key For Rows Loaded and Options,DIN 41612 Inverse Type B	EMSB10	999P1
15	42-1	B						See Mfr Number Key For Rows Loaded and Options,DIN 41612 Inverse Type B	EMSB10	999P1
16	TYPE BM		ab		1.0	PLYR	123	Force 30-60N INS, .15N SEP		999P1
17	PCN-B64M	A	ab			PBT		13mm/Transfer Zone Termination	HRS17	999P1
18	PCN-B64M	B	ab			PBT		13mm/Transfer Zone Termination	HRS17	999P1
19	PCN-HALF B64M	A	ab			PBT		13mm/Transfer Zone Termination	HRS17	999P5
20	PCN-HALF B64M	B	ab			PBT		13mm/Transfer Zone Termination	HRA17	999P5
21	8301	A			1.00	PBT		Force 4.2oz INS,0.5oz SEP per Pin,32,50,64 Contacts	KAM29	46P15
22	8311	A			1.00	PBT		Force 4.2oz INS,0.5oz SEP per Pin,32,50,64 Contacts	KAM29	46P15
23	8401	A	ab		1.00	PET		Force 4.2oz INS,0.5oz SEP per Pin	KAM29	999P1
24	B SERIES	A	ab		1.00	PLCB	123	Rated 250V/32 Pos,125V/64 Pos,Even Numbers,Only Loaded For 32 Position		999P1
25	B SERIES	E	ab		1.00	PLCB	123	Rated 250V/32 Pos,125V/64 Pos,Even Numbers Only loaded For 32 Positions		999P1
26	50C64M	A	ab		.350	PBT		Force 3.4oz INS,.68oz SEP per Contact, See Mfr Number Key for Options	MRC05	999P3
27	50C64M	B	ac		.350	PBT		Force 3.4oz INS,.68oz SEP per Contact, See Mfr Number Key for Options	MRC05	999P3
28	50C64M	C	bc		.350	PBT		Force 3.4oz INS,.68oz SEP per Contact, See Mfr Number Key for Options	MRC05	999P3
29	51B64M	A	ab		.350	PBT		Force 3.4oz INS,.68oz SEP per Contact, See Mfr Number Key for Options	MRC05	999P1
30	100B64M	A	ab		1.0	PBT		Force 13.4lb INS/SEP		999P1
31	100C64M	B	ac		1.0	PBT		Force 20.2lb INS/SEP		999P3
32	100C64M	C	bc		1.0	PBT		Force 20.2lb INS/SEP		999P3
33	RNEC64M	A	ac			PLYR	23	See Mfr Number Key for Options	RNI02	999P3
34	RNEC64M	B	ac			PLYR	23	See Mfr Number Key for Options	RNI02	999P3
35	B64M	A	ab		1.00	PLYR	2	Conforms to DIN 41612 Standard		999P1
36	B64M	B	ab		1.00	PLYR	3	Conforms to DIN 41612 Standard		999P1
37	B64M	A	ab		1.5	OPT	2	DIN 41612,Insulation complies with VDE 0110/11.72 Para. 5		999P1
38	B64M	B	ab		1.5	OPT	2	DIN 41612,Termination Length 16.5mm,Insul. to VDE 0110/11.72 Para. 5		999P1
39	C64M	A	ac		1.5	OPT	2	DIN 41612,Even Positions Loaded,Insul. to VDE 0110/11.72 Para. 5		999P3
40	C64M	B	ac		1.5	OPT	2	DIN 41612,Termination Length 16.5mm,Insul. to VDE 0110/11.72 Para. 5		999P3
41	SERIES B	E	ab		1.0	PBT	12	Conforms to IEC603.2,VG95324,MIL-C-55302,BS9525,BT222,DIN41612/41494	DIN04	999P1
42	SERIES C	F	ac		1.0	PBT	12	Conforms to IEC603.2,VG95324,MIL-C-55302,BS9525,BT222,DIN41612/41494	DIN04	999P3
43	SERIES HE11	I	ab		1.0	PBT	12	Conforms to DIN41494, 2 Row Insulator, Reverse	DIN04	999P28
44	SERIES HE11	N	ac		1.0	PBT	12	Conforms to DIN41494, 3 Row Insulator, Reverse	DIN04	999P28
45	SERIES Q	E	ab		1.0	PBT	12	Conforms to IEC603.2,VG95324,MIL-C-55302,BS9525,BT222,DIN41612/41494	DIN04	999P27
46	SERIES R	F	ac		1.0	PBT	12	Conforms to IEC603.2,VG95324,MIL-C-55302,BS9525,BT222,DIN41612/41494	DIN04	999P9
47	072-64114	A	ac		1.0	PLYR		Type C, Standard Mounting, All Positions Loaded	DIN03	999P3
48	072-64114	B	ac		1.0	PLYR		Type C, Standard Mounting, All Positions Loaded	DIN03	999P3
49	072-64114	C	bc		1.0	PLYR		Type C, Standard Mounting, All Positions Loaded	DIN03	999P3
50	072-64914	A	ac		1.0	PLYR		Type C, Reversed Mounting, All Positions Loaded	DIN03	999P3
51	072-64914	B	ab		1.0	PLYR		Type C, Reversed Mounting, All Positions Loaded	DIN03	999P3
52	072-64914	C	bc		1.0	PLYR		Type C, Reversed Mounting, All Positions Loaded	DIN03	999P3
53	072-64944	A	ac		1.0	PLYR		Type C, Reversed Mounting, All Positions Loaded	DIN03	999P3
54	072-64944	B	ab		1.0	PLYR		Type C, Reversed Mounting, All Positions Loaded	DIN03	999P3
55	072-64944	C	bc		1.0	PLYR		Type C, Reversed Mounting, All Positions Loaded	DIN03	999P3
56	B064M	A	ab			PLYR		Low Profile, See Mfr Number Key for Options	TXT07	999P1
57	B064M	B	ab			PLYR		Low Profile, See Mfr Number Key for Options	TXT07	999P1
58	CB64M	A	ab			PLYR		DIN 41612	TXT04	999P3
59	CB64M	B	ab			PLYR		DIN 41612	TXT04	999P3
60	C064M	A	ac			PLYR		DIN 41612	TXT04	999P3
61	C064M	B	ac			PLYR		DIN 41612	TXT04	999P3
62	R064M	A	ac			PLYR		See Mfr Number Key for Options	TXT06	999P9
63	R064M	B	ac			PLYR		See Mfr Number Key for Options	TXT06	999P9
64	Type B64M		ab			PLYR		Meets Requirements According to IEC 603-2	VKC16	999P1
65	Type C64M	A	ab			PLYR		Meets Requirements According to IEC 603-2	VKC16	999P3
66	Type C64M	B	ac			PLYR		Meets Requirements According to IEC 603-2	VKC16	999P3
67	GF06VM96P4	C	ac		1.0	PLYR	3	32 Contacts in 96 Contact Insulator	CAN01	999P3
68	G06VM96P4	A	ac		1.0	PLYR	3	64 Contacts in 96 Contact Insulator	CAN01	999P3
69	G60VD96P4	A	ac		1.0	PLYR	3		CAN01	999P9
70	G60VM96P4	A	ac		1.0	PLYR	3			999P9
71	495	F	ac		1.0	TPLR	1	DIN41612-C & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999P3
72	495	G	bc		1.0	TPLR	1	DIN41612-C & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999P3
73	DMA	E	ab					96 Contacts, 3 Area Plating See Mfr Number Key for Options	EFB09	999P1
74	DMA	F	ac					96 Contacts, 3 Area Plating See Mfr Number Key for Options	EFB09	999P1
75	DMA	G	ab					96 Contacts, 3 Area Plating See Mfr Number Key for Options	EFB09	999P1
76	DMA	K	ab					96 Contacts, 3 Area Plating See Mfr Number Key for Options	EFB09	999P1
77	DMA	L	ac					96 Contacts, 3 Area Plating See Mfr Number Key for Options	EFB09	999P1
78	DMA	M	bc					96 Contacts, 3 Area Plating See Mfr Number Key for Options	EFB09	999P1
79	DMA	Q	ab					96 Contacts, 3 Area Plating See Mfr Number Key for Options	EFB09	999P1
80	DMA	R	ac					96 Contacts, 3 Area Plating See Mfr Number Key for Options	EFB09	999P1
81	DMA	S	bc					96 Contacts, 3 Area Plating See Mfr Number Key for Options	EFB09	999P1
82	8331	A			1.00	PBT		Force 4.2oz INS,0.5oz SEP per Pin,32,44,50,64,90,100 Contacts	KAM28	46P11
83	8341	A			1.00	PBT		Force 4.2oz INS,0.5oz SEP per Pin,32,44,50,64,90,100 Contacts	KAM28	46P11
84	8431	A			1.00	PBT		Force 4.2oz INS,0.5oz SEP per Pin,32,44,50,64,90,100 Contacts	KAM28	46P13
3 ROWS										
85	PVT	A			.350	PLYR		See Mfr Number Key for Rows Loaded and Moulding Type	FERS02	999P33

PLUGS, DIN PRODUCT SELECTION

Line No.	Type Identification	Variation	Rows Loaded (abcdefz)	Insulator			Additional Features	Mfr. Order Key	Drawing Number
				EMI	DWV (KV)	Material			
3 ROWS (Cont'd)									
1	PVT	B			.350	PLYR			
2	SERIES M	B	bz		2.5	PLCB	123		
3	SERIES M	C	bz		2.5	PLCB	123		
4	219 TYPE M	A	dbz						
5	H SERIES	A	zd		2.50	PLCB	AG		
6	H SERIES	B	zd		2.50	PLCB	AG		
7	705-C133C/2	C	ac		.330	PBT	2		
8	705-C133C/2	F	ac		.330	PBT	2		
9	Type Half C24M		abc		1.0	THPL			
10	Type Half R24M	A	abc		1.0	THPL			
11	TYPE M		bdz				2		
12	M24/7M-C1A2S		bdz				3		
13	M31M	A			1.55		123		
14	M31M	B			1.55		123		
15	705 TYPE C	E	ac				3		
16	705-C133C	C	ac		.330	PBT	2		
17	705-C133C	F	ac		.330	PBT	2		
18	705-C133C/2	B	ac		.330	PBT	2		
19	705-C133C/2	E	ac		.330	PBT	2		
20	706-C143C	C	ac		.330	PBT	23		
21	706-C143C	F	ac		.330	PBT	23		
22	706-C143M	D	abc		.330	PLCB	2		
23	706-C143R	C	ac		.330	PBT	23		
24	430	A	abc			NYL			
25	C SERIES	A	a		1.00	PLCB	123		
26	C SERIES	I	a		1.00	PLCB	123		
27	R SERIES	A	a		1.00	PBT	12		
28	219 TYPE F	A	dbz				2		
29	705 TYPE C/2	A	abc				2		
30	705-C133C/2	A	abc		.330	PBT	2		
31	705-C133C/2	D	abc		.330	PBT	2		
32	706-C143M	C	abc		.330	PLCB	2		
33	AC48M-C1A		abc				123		
34	AC48M-C1B		abc				23		
35	AC48M-C1H	A	abc				123		
36	AC48M-C1H	B	abc				23		
37	AC48M-C1W		abc				23		
38	E48M-C1A	A	ace				123		
39	E48M-C1A	B	ace				123		
40	E48M-C1A	C	ace				2		
41	E48M-C1A	D	ace				2		
42	E48M-C1B		ace				3		
43	E48M-C1H	A	ace				2		
44	E48M-C1H	B	ace				23		
45	E48M-C1W		ace				3		
46	F48M-C1A	A	bdz				123		
47	F48M-C1A	B	bdz				2		
48	F48M	A	bdz		1.55		123		
49	F48M	B	bdz		1.55		123		
50	HC48M	A	abc		1.0		123		
51	HC48M	B	abc		1.0		123		
52	Type C48M		abc		1.0	THPL			
53	Type Half C48M		abc		1.0	THPL			
54	Type Half R48M		abc		1.0	THPL			
55	Type R48M		abc		1.0	THPL			
56	TYPE F	A	adz				2		
57	TYPE MINI C	A	abc		1.05	PLYR	12		
58	8447E48M	A	ace		1.0	PBT			
59	8447E48M	B	ace		1.0	PBT			
60	8457-2C48M	A	abc		1.0	PBT			
61	8457-2C48M	B	abc		1.0	PBT			
62	8457C48M	A	abc		1.0	PBT			
63	8457C48M	B	abc		1.0	PBT			
64	8467-2C48M	A	abc		1.0	PBT			
65	8467-2C48M	B	abc		1.0	PBT			
66	8467C48M	A	abc		1.0	PBT			
67	8467C48M	B	abc		1.0	PBT			
68	8468C48M	A	abc		1.0	PBT			
69	8468C48M	B	abc		1.0	PBT			
70	8477R48M	A	abc		1.0	PBT			
71	8477R48M	B	abc		1.0	PBT			
72	8478R48M	A	abc		1.0	PBT			
73	8478R48M	B	abc		1.0	PBT			
74	HALF CKM		abc		1.0	PLYR	123		
75	TYPE EM		ace		1.0	PLYR	123		
76	TYPE FM		bz		1.0	PLYR	123		
77	PCN-C48M	A	abc			PBT			
78	PCN-C48M	B	abc			PBT			
79	PCN-C48M	C	abc			PBT			
80	PCN-C48M	D	abc			PBT			
81	PCN-HALF C48M	A	abc			PBT			
82	PCN-HALF C48M	B	abc			PBT			
83	PCN-HALF C48M	C	abc			PBT			
84	PCN-HALF C48M	D	abc			PBT			
85	50C48M		abc		.350	PBT			
86	100E48M		ace		1.0	PBT			
87	100HALFC48M		abc		1.0	PBT			
88	101F48M		bz		1.0	PBT			

PLUGS, DIN PRODUCT SELECTION

Line No.	Type Identification	Variation	Rows Loaded (abcdefz)	Insulator			Quality	Additional Features	Mfr. Order Key	Drawing Number
				EMI	DWV (KV)	Material				
3 ROWS (Cont'd)										
1	MINI B48M		abc					Half Length,3x16 Rows Fully Loaded,DIN 41612		999P5
2	M42+6M				1.00	PLCB	2	42 Signal & 6 10Amp Power or RG178B/U Coax Contacts		999P22
3	F48M		bdz		2.5	OPT	2	DIN 41612,Insul. to VDE 0110/11.72 Para. 5		999P14
4	Mini C48M		abc		1.5	OPT	2	DIN 41612,Insul. to VDE 0110/11.72 Para. 5		999P7
5	SERIES C	G	abc		1.0	PBT	12	Conforms to IEC603.2,VG95324,MIL-C-55302,BS9525,BT222,DIN41612/41494	DIN04	999P3
6	SERIES E	B	ace		1.0	PLCB	123	Conforms to DIN41494	DIN04	999P24
7	SERIES E	C	ace		1.0	PLCB	123	Conforms to DIN41494	DIN04	999P24
8	SERIES F	D	bz		1.5	PLCB	12	PCB Grid z-b=2.71mm,b-d=3.71mm,32 Hole Polarization,Conforms to DIN41494	DIN04	999P14
9	SERIES F	G	bz		1.5	PLCB	123	Conforms to DIN41494, 32 Hole Polarization	DIN04	999P14
10	SERIES F	K	bz		1.5	PLCB	12	PCB Grid z-b=2.71mm, 8 Hole Polarization, Conforms to DIN41494	DIN04	999P14
11	SERIES F	N	bz		1.5	PLCB	123	Conforms to DIN41494, 8 Hole Polarization	DIN04	999P14
12	SERIES HE11	O	abc		1.0	PBT	12	Conforms to DIN41494, 3 Row Insulator, Reverse	DIN04	999P28
13	SERIES R	G	abc		1.0	PBT	12	Conforms to IEC603.2,VG95324,MIL-C-55302,BS9525,BT222,DIN41612/41494	DIN04	999P9
14	C/2048M	A	abc			PLYR		DIN 41612	TXT05	999P7
15	C/2048M	B	abc			PLYR		DIN 41612	TXT05	999P7
16	R048M	A	abc			PLYR		See Mfr Number Key for Options	TXT06	999P9
17	R048M	B	abc			PLYR		See Mfr Number Key for Options	TXT06	999P9
18	705 TYPE C	C	ac				2	DIN 41612		999P3
19	705 TYPE C	D	ac				3	DIN 41612		999P3
20	705 TYPE C	G	ac				3	DIN 41612		999P3
21	705-C133C	B	ac		.330	PBT	2	Force 13.44lb INS/SEP		999P3
22	705-C133C	E	ac		.330	PBT	2	Force 13.44lb INS/SEP		999P3
23	706-C143C	B	ac		.330	PBT	23	Force 13.44lb INS/SEP		999P3
24	706-C143C	E	ac		.330	PBT	23	Force 13.44lb INS/SEP		999P3
25	706-C143M	B	abc		.330	PLCB	2	60 Signal Plus 4 40AMP Coaxial Contacts		999P33
26	706-C143R	B	ac		.330	PBT	23	Force 13.44lb INS/SEP		999P9
27	G64M		bdz		1.55		123	Stds,DIN 41612,VG 95324,IEC 603.2	DIN01	999P16
28	14005	B			1.0	THPL		Ins. 211oz., Sep. 54oz.,Contact Termination length 13.54 and 17.09mm		999P3
29	14005	C			1.0	THPL		Ins. 316oz., Sep. 54oz.,Contact Termination Length 2.59mm		999P3
30	C64M		abc					2,3 Level Wire Wrap,Right Angle Male		999P3
31	C SERIES	B	ab		1.00	PLCB	123	Rated 250V/32 Pos,125V/64 & 96 Pos		999P3
32	C SERIES	C	ac		1.00	PLCB	123	Rated 250V/32 Pos,125V/64 & 96 Pos,Even No. Only Loaded For 32 Position		999P3
33	C SERIES	J	ab		1.00	PLCB	123	Rated 250V/32 Pos,125V/64 & 96 Pos		999P3
34	C SERIES	K	ac		1.00	PLCB	123	Rated 250V/32 Pos,125V/64 & 96 Pos,Even No. Only Loaded For 32 Position		999P3
35	R SERIES	B	ab		1.00	PBT	12	Rated 250V/32 Pos,125V/64 & 96 Pos		999P9
36	R SERIES	C	ac		1.00	PBT	12	Rated 250V/32 Pos,125V/64 & 96 Pos,Even No. Only Loaded For 32 Position		999P9
37	C64M	A	ab		1.00	PLYR	2	Conforms to DIN 41612 Standard		999P3
38	C64M	B	ac		1.00	PLYR	2	Conforms to DIN 41612 Standard		999P3
39	C64M	C	ab		1.00	PLYR	3	Conforms to DIN 41612 Standard		999P3
40	C64M	D	ac		1.00	PLYR	3	Conforms to DIN 41612 Standard		999P3
41	M60+4M				1.00	PLCB		60 Signal & 4 10Amp Power or RG178B/U Coax Contacts		999P22
42	R64M		ac		1.00		2	Inverse DIN 41612 Type		999P9
43	706-C143M	A	abc		.330	PLCB	2	78 Signal Plus 2 40AMP Coaxial Contacts		999P33
44	M78+2M				1.00	PLCB		78 Signal & 2 10Amp Power or RG178B/U Coax Contacts		999P22
45	705 TYPE C	A	abc				2	DIN 41612		999P3
46	705 TYPE C	B	abc				3	DIN 41612		999P3
47	705 TYPE C	F	abc				3	DIN 41612		999P3
48	705-C133C	A	abc		.330	PBT	2	Force 20.16lb INS/SEP		999P3
49	705-C133C	D	abc		.330	PBT	2	Force 20.1lb INS/SEP		999P3
50	706-C143C	A	abc		.330	PBT	23	Force 20.16lb INS/SEP		999P3
51	706-C143C	D	abc		.330	PBT	23	Force 20.16lb INS/SEP		999P3
52	706-C143R	A	abc		.330	PBT	23	Force 20.16lb INS/SEP		999P9
53	C96M-C1A	A	abc				123	Available In DIN 41612	DIN01	999P3
54	C96M-C1A	A	abc				2	2.9mm Tail Length,Premate (VEa32) Contact 0.8 to 1.0mm Longer,DIN 41 612	DIN02	999P3
55	C96M-C1A	B	abc				3	Extended Solder Tail	DIN01	999P3
56	C96M-C1AH		abc				2	Extended Solder Tail Plus Wire Wrap,Effective Pin Length 13mm	DIN01	999P3
57	C96M-C1B		abc				23	Tail Length 4mm, DIN 41 612	DIN02	999P3
58	C96M-C1H	A	abc				23	Wrap Length 13mm, DIN 41 612	DIN02	999P3
59	C96M-C1H	B	abc				2	Wrap Length 14mm, Tail Surface Au, DIN 41 612	DIN02	999P3
60	R96M-C1B		abc				3	Tail Length 4mm, DIN 41 612	DIN02	999P9
61	R96M-C1H		abc				23	Wrap Length 13mm,Available In DIN Type	DIN01	999P9
62	R96M-C1HY		abc				3	Solid Beam Press Fit,Wire Wrap,Pin Length 20mm,Available In DIN 41612	DIN01	999P9
63	R96M-C1HYU		abc				2	Wrap Length 9mm,Pressfit Length 3mm,Ni Plated 2/8mm Au Zone,DIN 41 612	DIN02	999P9
64	R96M-C1HZ		abc				123	Compliant Press Fit Wire Wrap Pins,Pin Length 20mm	DIN01	999P9
65	R96M-C1Y		abc				3	Tail Length 6mm, Pressfit Length 3mm, DIN 41 612	DIN02	999P9
66	R96M-C1Z		abc				123	Compliant Press Fit (Wire Wrap) Pins,Pin Length 6mm	DIN01	999P9
67	C96M	A	abc		1.0		123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P3
68	C96M	B	abc		1.0		123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P3
69	R96M		abc		1.0		123	Stds:DIN 41612,VG 95324,IEC 603.2	DIN01	999P9
70	Type C96M		abc		1.0	THPL		Ins. 316oz.,Sep. 50oz.,Compatible With DIN 41612		999P3
71	Type R96M		abc		1.0	THPL		Ins. 316oz.,Sep. 50oz.,Compatible With DIN 41612		999P9
72	A32-R1	C	abc		1.0			DIN 41612 and VG 95324		999P9
73	A32-S1	B	abc		1.0		123	DIN 41612 and VG 95324		999P3
74	A32-S1	D	abc		1.0		123	DIN 41612 and VG 95324		999P3
75	14005	E			1.0	THPL		Ins. 316oz., Sep. 54oz.,Contact Termination Length 13.54 and 17.09mm		999P3
76	14005	F			1.0	THPL		Ins. 316oz., Sep. 54oz.,Contact Termination Length 2.59mm		999P3
77	TYPE C	A	abc		1.05	PLYR	123	Termination Length 2.60 and 13.0mm		999P3
78	TYPE R	A	abc		1.05	PLYR	12	Termination Length 4.0 and 13.0mm		999P9
79	11.40	A	abc					DIN Style Type R		999P3
80	11.41	A	abc					DIN Style Type R		999P3
81	FABRI-DIN	A	abc		1.00	PBT		Plating=Au,Ni or Customer Spec,inverse DIN Avail.,Press-Fit Wrap Term.		999P9
82	493	C	abc		1.0	THPL	1	Inverse DIN41612-R & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999P9
83	495	C	abc		1.0	TPLR	1	DIN41612-C & VG95324,4,8,12,16,20,24,28,32 Contacts per Row	EDAC04	999P3
84	DMA	A	abc			PBT		96 Contacts, See Mfr Number Key for Options	EFB08	999P3
85	847E96M		ace		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO39	999P24
86	8457-2C96M		abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO27	999P3
87	8457C96M		abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO27	999P3
88	8467C96M		abc		1.0	PBT		Force 3oz INS,2oz SEP,Loaded Fully, See Mfr Number Key for Options	ELO33	999P3

PLUGS, SPECIAL APPLICATION PRODUCT SELECTION

Line No.	Type Identification	Mounting			Insulator		Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Variation	Angle	Type	EMI	DWY (KV)				
1 ROW										
1	AF-2					27.0		Conductive Carbon Fibers Imbedded Randomly Throughout Insulating Sheet		33P1
2	AF-3					27.0		Conductive Carbon Fibers Imbedded Randomly Throughout Insulating Sheet		33P1
3	JC					.200	PLYR	Contacts are Conductive Carbon Traces		33P8
4	JM					.200	PLYM	Contacts are Conductive Metal Traces		33P7
5	JS					.200	PLYR	Contacts are Silver/Carbon Traces		33P7
6	MAF2-8						SIL	Au or NiB Plated Fiber Contacts Imbedded Randomly Thru Insulating Sheet		33P11
7	NE SERIES						SIL	Au or Tin-Lead Plated Contacts Wrapped Around D Shaped Sil Rubber Sponge		33P12
8	S SERIES					27.0	SIL	Alternating Segments of Conducting and Insulating Solid Silicone Rubber		33P5
9	SS SERIES					27.0	SIL	S-Connector Material Supported Both Sides By Sponge Silicone Rubber		33P9
10	SG SERIES					27.0	SIL	S-Connector Material Supported Both Sides by Soft Silicone Rubber		33P2
11	SSK SERIES					27.0	SIL	S-Connector Material Supported Both Sides by Soft Silicone Rubber		33P3
12	A401		90	Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
13	A402		90	Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
14	A403		90	Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
15	B401			Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
16	B402			Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
17	B404			Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
18	B405			Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
19	B406	A		Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
20	B407			Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
21	B408			Inst		1.00	DAP	Surface Edge Stacking		0G01
22	C401			Inst		2.00	DAP	Surface Stack Wire Termination, Avail with Aerospace Part Number		0G01
23	C404		90	Inst		2.00	DAP	Surface Stack Wire Termination, Avail with Aerospace Part Number		0G01
24	C407		90	Inst		2.00	DAP	Surface Stack Double Wire Termination, Avail with Aerospace Part Number		0G01
25	302S					.380	PLYM	Depluggable Terminal Strip		96P2
26	322S					.380	PLYM	Depluggable Terminal Strip		96P4
27	323S					.380	PLYM	Depluggable Terminal Strip		96P3
28	B412U	B		Thru		.650	PLYR	Sn or Au Plating, Surface Stacking		0G01
29	A301		90	Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
30	A302		90	Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
31	B301			Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
32	B302			Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
33	C402			Inst		2.00	DAP	Surface Stack Wire Termination, Avail with Aerospace Part Number		0G01
34	C405			Inst		2.00	DAP	Surface Stack Wire Termination, Avail with Aerospace Part Number		0G01
35	C408		90	Inst		2.00	DAP	Surface Stack Double Wire Termination, Avail with Aerospace Part Number		0G01
36	D201		90	Inst		1.00	DAP	Surface Stack Wire Termination, Avail with Aerospace Part Number		0G01
37	D204			Inst		1.00	DAP	Surface Stack Wire Termination, Avail with Aerospace Part Number		0G01
38	A404		90	Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
39	B415U	A		Thru		.650	PLYR	Sn or Au Plating, Surface Stacking		0G01
40	A201		90	Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
41	A202		90	Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
42	C403			Inst		2.00	DAP	Surface Stack Wire Termination, Avail with Aerospace Part Number		0G01
43	C406			Inst		2.00	DAP	Surface Stack Wire Termination, Avail with Aerospace Part Number		0G01
44	C409		90	Inst		2.00	DAP	Surface Stack Double Wire Termination, Avail with Aerospace Part Number		0G01
45	95					.380	PLYM	Depluggable Terminal Strip		96P1
46	B406	B		Inst		1.00	DAP	Surface Edge Stacking		0G01
47	B409U			Othr		.650	PLYR	Sn or Au Plating, Surface Stacking, Thru or Threaded Mounting Holes		0G01
48	B411U			Thru		.650	PLYR	Sn or Au Plating, Surface Stacking		0G01
49	D202		90	Inst		1.00	DAP	Surface Stack Wire Termination, Avail with Aerospace Part Number		0G01
50	D205			Inst		1.00	DAP	Surface Stack Wire Termination, Avail with Aerospace Part Number		0G01
51	B412U	A		Thru		.650	PLYR	Sn or Au Plating, Surface Stacking		0G01
52	B201U	A		Othr		.375	PLYR	Sn or Au Plating, Thru, Threaded and Cup Mounting Holes, Stacking Type		0G01
53	B202U	A		Othr		.375	PLYR	Sn or Au Plating, Thru, Threaded and Cup Mounting Holes, Stacking Type		0G01
54	B203U	A		Othr		.375	PLYR	Sn or Au Plating, Thru, Threaded and Cup Mounting Holes, Stacking Type		0G01
55	B410			Inst		1.00	DAP	Surface Edge Stacking		0G01
56	B419U			Thru		.650	PLYR	Sn or Au Plating, Surface Stacking		0G01
57	A303		90	Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
58	DM500	B					PLYR	17/34 Contacts, Extender Bd for Termination Contact		64H3
59	D203		90	Inst		1.00	DAP	Surface Stack Wire Termination, Avail with Aerospace Part Number		0G01
60	D206			Inst		1.00	DAP	Surface Stack Wire Termination, Avail with Aerospace Part Number		0G01
61	B303			Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
62	B304			Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
63	B408U			Thru		.650	PLYR	Sn or Au Plating, Surface Stacking		0G01
64	B415U	B		Thru		.650	PLYR	Sn or Au Plating, Surface Stacking		0G01
65	B420U			Thru		.650	PLYR	Sn or Au Plating, Surface Stacking		0G01
66	B201U	B		Othr		.375	PLYR	Sn or Au Plating, Thru, Threaded and Cup Mounting Holes, Stacking Type		0G01
67	B202U	B		Othr		.375	PLYR	Sn or Au Plating, Thru, Threaded and Cup Mounting Holes, Stacking Type		0G01
68	B203U	B		Othr		.375	PLYR	Sn or Au Plating, Thru, Threaded and Cup Mounting Holes, Stacking Type		0G01
69	B204U			Othr		.375	PLYR	Sn or Au Plating, Surface Stacking, Thru or Threaded Mounting Holes		0G01
70	B210U			Thru		.375	PLYR	Sn or Au Plating, Surface Stacking		0G01
71	D401U					.650	PLYR	Sn or Au Plating, Surface Stacking		0G01
72	B201U	C		Othr		.375	PLYR	Sn or Au Plating, Thru, Threaded and Cup Mounting Holes, Stacking Type		0G01
73	B421U			Thru		.650	PLYR	Sn or Au Plating, Surface Stacking		0G01
74	DM500	A					PLYR	30/60 Contacts, Extender Bd for Termination Contact		64H3
75	B201			Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
76	A203		90	Inst		1.00	DAP	Surface Edge Stacking, Avail with Aerospace Part No.		0G01
77	STAX	A					SIL	200 Conductive Layers Per Inch, L or S Shape Cross Section, Elastometric		111P1
78	STAX	B					SIL	200 Conductive Layers Per Inch, L or S Shape Cross Section, Elastometric		111P2
79	CARBON STAX						SIL	240 Conductive Layers Per Inch, L or S Shape Cross Section, Elastometric		111P5
80	MOE	A					SIL	250 Conductive Layers Per Inch, Flat Strip, Elastometric Conn.		111P3
81	MOE	B					SIL	250 Conductive Layers Per Inch, Wrap Around, Elastometric Conn.		111P4
82	LCD CONNECTOR	C				25	SIL	For Small LCD Display, Cnct Spacing Std=.030, Special=.020 Inches		21P3
83	LCD CONNECTOR	A				25	SIL	Vol Resistivity=5 ohm/cm, >100 Contacts/in, .030in Min Cntct Spacing of LC		21P1
84	LCD CONNECTOR	B				25	SIL	Vol Resist.=5 ohm/cm, >100 Cntcts/in, Insul=Sil Sponge,.030 Min Cntct Spac		21P2
2 ROWS										
85	G						SIL	Contacts are Metal Filaments Imbedded in Solid Silicone		33P6

PLUGS, SPECIAL APPLICATION PRODUCT SELECTION

Line No.	Type Identification	Mounting			Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Variation	Angle	Type	EMI	DWV (KV)	Material				
2 ROWS (Cont'd)											
1	H-2					2.50	RBBR		Conductive Rubber Imbedded in Insulating Sponge Rubber		33P4
2	HL-2						SIL		Silver-Filled Conductors Implanted in Insulating Sponge Silicone Rubber		33P10
3	41M8SS		ST	Othr			PLYR		PCB Power Connector For Use W/DIN 41612 Type C Connectors,W/Wo Mount Ear		67P1
4	DPA	A	90	Othr		1.00	THPL		Dual 9,15,25,37 Contacts, Avail W/Mult Mtg Brackets, See Mfr Number Key	PST02	0G01
5	DPB	A	90	Othr		1.00	THPL		Dual 9,15,25,37 Contacts, Avail W/Mult Mtg Brackets, See Mfr Number Key	PST02	0G01
6	DPC	A	90	Othr		1.00	THPL		Dual 9,15,25,37 Contacts, Avail W/Mult Mtg Brackets, See Mfr Number Key	PST02	0G01
7	MDPA	A	90	Othr		1.00	THPL		Dual 9,15,25,37 Contacts, Avail W/Mult Mtg Brackets, See Mfr Number Key	PST04	0G01
8	MDPB	A	90	Othr		1.00	THPL		Dual 9,15,25,37 Contacts, Avail W/Mult Mtg Brackets, See Mfr Number Key	PST04	0G01
9	MDPC	A	90	Othr		1.00	THPL		Dual 9,15,25,37 Contacts, Avail W/Mult Mtg Brackets, See Mfr Number Key	PST04	0G01
10	617H	A	90	Fing		.500	THPL		Dual Port D-Sub,Screwlock Mount Avail		67P3
11	RC 30		ST			.650			14,24,36,50 Contacts,Conforms to Centronics Standard		
12	RC 30		ST			.650			14,24,36,50 Contacts,Conforms to Centronics Standard		
13	PCS	C	90	Thru	X	.700	PBT		20,28,36,50 Contacts, High Density Connector with 1.27mm Spacing		54P2
14	842381 (Series 30)		ST	Fing		.250		Y	10,26,34,40,50,60 Cntc,fc=3MHz,Cap.at 1KHz-2000pf Min.,Dist. Element Fil		29H18
15	842381 (Series 50)		ST	Fing		.250		Y	10,26,34,40,50,60 Cntc,fc=2MHz,Cap.at 1KHz-3000pf Min,Dist.Element Filte		29H18
16	842381 (100 Series)		ST	Fing		.250		Y	10,26,34,40,50,60 Cntc,fc=20MHz,Cap.at 1KHz-1000pf Max,Dist.Element Fil		29H18
17	842381 (20 Series)		ST	Fing		.250		Y	10,26,34,40,50,60 Cntc,Dist.Elementd Fil, fc=5MHz,Cap.at 1KHz:1000pf Mi		29H18
18	842381 (60 Series)		ST	Fing		.250		Y	10,26,34,40,50,60 Cntc,fc=150MHz,Cap.at 1KHz-175pf Max,Dist.Element Fil		29H18
19	842381 (70 Series)		ST	Fing		.250		Y	10,26,34,40,50,60 Cntc,fc=50MHz,Cap.at 1KHz-400pf Max,Dist.Element Filte		29H18
20	842381 (90 Series)		ST	Fing		.250		Y	10,26,34,40,50,60 Cntc,fc=30MHz,Cap.at 1KHz-600pf Max,Dist.Element Filte		29H18
21	RCCO-20			Fing	X	1.00	PBT		10,14,16,20,26,34,40,50,60 Contacts, No Latch		6P1
22	RCCO-21			Fing	X	1.00	PBT	Y	10,14,16,20,26,34,40,50,60 Contacts, 2 Short Latches on Opposite Sides		6P1
23	RCCO-22			Fing	X	1.00	PBT	Y	10,14,16,20,26,34,40,50,60 Contacts, 1 Long, 1 Short Latch on Same Side		6P1
24	RCCO-23			Fing	X	1.00	PBT	Y	10,14,16,20,26,34,40,50,60 Contacts, 2 Long Latches on Same Side		6P1
25	RCCO-24			Fing	X	1.00	PBT	Y	10,14,16,20,26,34,40,50,60 Contacts, 1 Long Latch		6P1
26	RCCO-26			Fing	X	1.00	PBT	Y	10,14,16,20,26,34,40,50,60 Contacts, 1 Short Latch		6P1
27	RCCO-5			Fing	X	1.00	PBT	Y	10,14,16,20,26,34,40,50,60 Contacts, 2 Long Latches on Opposite Sides		6P1
28	PCS	A			X	.700	PBT		34,48,96 Contacts, High Density Connector with 1.27mm Spacing		54P1

TRANSITION, PC BOARD MOUNT PRODUCT SELECTION

Line No.	Type Identification	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Variation	Angle	Type	EMI	DWV (KV)				
1 ROW										
1	640400							12 Position Feed-Thru Two, Single Sided Connector		29R37
2	SH2-10		ST			1.00	NYL	4,5,6,8,9,10,12 Contacts		28R15
3	JP-3							Friction Spring Contact		17R10
4	JP					.800		Wedge Lock ZIF, Wire Gauge 24-26 AWG, 3-12,16 Contacts		17R8
5	JP-2					.800		Sliding Bar ZIF, Wire Gauge 24-26, 3-12,16 Contacts		17R9
6	6600		ST	Fling			PBT	10,11,12,13,14,15,16,17 Contacts	KAM26	46P7
7	350172						PLCB	Contact Plating Au or Sn,8,10,12,14,16,18 Contacts,Tab,Screw,Clamp Term.		29R35
8	HBLB	A				.500	THPL	2 to 21 Contacts,Top Entry		0R8b
9	HBLB	B				.500	THPL	2 to 21 Contacts,Side Entry		0R7b
10	HBLB	C				.500	THPL	2 to 21 Contacts,Top Entry		0R8b
11	HBLB	D				.500	THPL	2 to 21 Contacts,Side Entry		0R7b
12	HBRB	A				.500	THPL	2 to 21 Contacts,Top Entry		0R8a
13	HBRB	B				.500	THPL	2 to 21 Contacts,Side Entry		0R7a
14	CL2-10		ST			1.25	PET	Accepts Discrete Wire or Flat Ribbon Cable	MMM09	28R17
15	840-FJ	A				.200	PLYR	5,6,7,8,9,10,11,12,14,15,16,17,19,20,22,23,25 Contacts		0R8d
16	840-FJ	B				.200	PLYR	5,6,7,8,9,10,11,12,14,15,16,17,19,20,22,23,25 Contacts		0R7c
17	FH1	A	ST			.500	PLYR	8 Thru 22, and 27 Contacts	HRS04	70R19
18	FH1	B	ST			.500	PLYR	8 Thru 22, and 27 Contacts	HRS04	70R20
19	FPC	A	ST			1.00	PLYR	5,6,7,8,10,12,14,16,17,18,19,20,21,22,24,25,27 Contacts		24P12
20	FPC	B	ST			1.00	PLYR	5,6,7,8,10,12,14,16,17,18,19,20,21,22,24,25,27 Contacts		24P13
21	640113						PBT	14 Position Each Side,Staggered Connector		29R36
22	FH3	A	ST			.500	PBT	4,7,8,10,12,13,14,16,17,20,22,24,30 Contacts	HRS13	120R8
23	FH3	B	ST			.500	PBT	4,7,8,10,12,13,14,16,17,20,22,24,30 Contacts	HRS13	120R9
24	FH3	A	ST			.500	PBT	4,7,8,10,12,13,14,16,17,20,22,24,30 Contacts	HRSJ04	120R8
25	FH3	B	ST			.500	PBT	4,7,8,10,12,13,14,16,17,20,22,24,30 Contacts	HRSJ04	120R9
26	468-6							Ins. 215oz.,Single-Sided Edge Plug		
27	468-7							Ins. 215oz.,Double-Sided Edge Plug		
28	961011		ST				THPL	Contact Plating Au or Sn,5,10,15,16,20,22,24,25,30,35,40,45,50 Contacts		29R53
29	900	A				.250	PLYR	Force 10oz INS, 2oz SEP, 1,2,3,....65 Contacts, SEe Mfr Number Key	MEI09	0R36a
2 ROWS										
30	C-PCB10		ST			1.00	PLYR	Upper (Cable Guide) Section Attached to Lower (IDC Contact) Section		31P2
31	3910 SERIES					1.00	THPL	Two-Piece or Pre-Assembled Versions, Au or Sn Alloy Contacts		28P1
32	C-PCB14		ST			1.00	PLYR	Upper (Cable Guide) Section Attached to Lower (IDC Contact) Section		31P2
33	7P SERIES	A	ST				NYL			0P7e
34	3914 SERIES					1.00	THPL	Two-Piece or Pre-Assembled Versions, Au or Sn Alloy Contacts		28P1
35	C-PCB16		ST			1.00	PLYR	Upper (Cable Guide)Section Attached to Lower (IDC Contact) Section		31P2
36	2P SERIES		ST			.500	THPL			11P3
37	7P SERIES	B	ST				NYL			0P7e
38	3498-0000					1.00	THPL	SLP (Solderless, Low-Profile, Pluggable) DIP Connector		28P8
39	3916 SERIES					1.00	THPL	Two-Piece or Pre-Assembled Versions, Au or Sn Alloy Contacts		28P1
40	48-13		ST			1.00	PBT		WCH24	14P3
41	71-13					1.00	PBT	14 and 16 Contacts	WCH25	14P4
42	746613		ST				THPL	Contact Plating Au or Sn,8,14,16,18 Contacts		0P7i
43	C-PCB20		ST			1.00	PLYR	Upper (Cable Guide)Section Attached to Lower (IDC Contact) Section		31P2
44	AXP	D	ST			.750		IC Type	ARO04	90H7
45	MSC		ST				PLYR	4,5,8,10,12,13,15,16,18,20 Contacts,Zero Insertion Force	KAM27	46P8
46	3920 SERIES					1.00	THPL	Two-Piece or Pre-Assembled Versions, Au or Sn Alloy Contacts		28P1
47	50-16		ST			1.00	PBT		WCH26	14P5
48	C-PCB26		ST			1.00	PLYR	Upper (Cable Guide) Section Attached to Lower (IDC Contact) Section		31P2
49	3926 SERIES					1.00	THPL	Two-Piece or Pre-Assembled Versions, Au or Sn Alloy Contacts		28P1
50	3468-0000T					1.00	THPL	Au or Sn Alloy Contacts, M Prefix for Mil Parts		28P4
51	C-PCB34		ST			1.00	PLYR	Upper (Cable Guide) Section Attached to Lower (IDC Contact) Section		31P2
52	3934 SERIES					1.00	THPL	Two-Piece or Pre-Assembled Versions, Au or Sn Alloy Contacts		28P1
53	Z04-103		ST			.800	PLYR	4,6,8,9,10,12,14,20,22,26,30,34 Contacts		24P11
54	Z04-104		ST			.800	PLYR	4,6,8,9,10,12,14,20,22,26,30,34 Contacts		24P10
55	3378-0000T					1.00	THPL	Au or Sn Alloy Contacts, M Prefix for Mil Parts		28P5
56	C-PCB40		ST			1.00	PLYR	Upper (Cable Guide) Section Attached to Lower (IDC Contact) Section		31P2
57	746616		ST				THPL	Contact Plating Au or Sn,24,28,40 Contacts		0P7k
58	AXP	C	ST			.750		14,16,24,40 Contacts, IC Type	ARO04	90H7
59	5P SERIES	A	ST				NYL	26,34,40 Contacts		11P4
60	FCC-130					.500	THPL	14,16,24,40 Contacts,Strain Relief Strap Optional		0P7a
61	CA**IDP2		ST			.500	PLYR	Contact Plating Au or Sn,14,16,24,40 Contacts,Tail Length 3.7 or 4.7mm	CAC04	0P7d
62	3940 SERIES					1.00	THPL	Two-Piece or Pre-Assembled Versions, Au or Sn Alloy Contacts		28P1
63	FCD		ST			.500	PPS	Contact Plating Au or Sn,8,14,16,18,22,24,40 Contacts		24P1
64	C-PCB50		ST			1.00	PLYR	Upper (Cable Guide) Section Attached to Lower (IDC Contact) Section		31P2
65	CA**IDPCB		ST			.500	PLYR	Contact Plating Au or Sn,10,20,26,34,40,50 Contacts,Tail 2.54 and 3.96mm	CAC06	0P11b
66	533-065					1.00	PLYR	10,14,16,20,26,34,40,50 Contacts, Available With/Without Strain Relief		0P8a
67	3950 SERIES					1.00	THPL	Two-Piece or Pre-Assembled Versions, Au or Sn Alloy Contacts		28P1
68	468-3						PLYR	20,26,34,40,50 Contacts,In-Line Test Connector,Pin Length 6.1mm		
69	840-FRC-J					.500	PLYR	10,16,20,26,34,40,50,60 Contacts	AAP12	0P8b
70	C-PCB60		ST			1.00	PLYR	Upper (Cable Guide) Section Attached to Lower (IDC Contact) Section		31P2
71	AWDS		ST			.500	PLYR	10,14,16,20,26,34,40,50,60 Contacts,Slotted Flange Optional	ASM04	79H10
72	AWLP		ST			1.00	PLYR	10,14,16,20,26,34,40,50,60 Contacts		79H9
73	FCC-140					.500	THPL	10,20,26,34,40,50,60 Contacts,26-30 AWG Stranded or Solid Conductors		0P11a
74	901	N	ST			.500	PLYR	10,14,16,20,26,30,34,40,50,60 Contacts		28P1
75	LTT	A	ST			.350	PLYR	10,16,20,26,34,40,50,60 Contacts		41P7
76	HIF2C		ST			.650	PLYR	10,16,20,26,30,34,40,50,60 Contacts	HRS03	70P14
77	980	A				.250	PLYR	Force 10oz INS, 2oz SEP, 2,3,4,....60 Contacts, SEe Mfr Number Key	MEI11	0R36c
78	3960 SERIES					1.00	THPL	Two-Piece or Pre-Assembled Versions, Au or Sn Alloy Contacts		28P1
79	IDT2						PLYR	10,16,20,26,34,40,50,60 Contacts, With or Without Strain Relief		55R9
80	C-PCB64		ST			1.00	PLYR	Upper (Cable Guide) Section Attached to Lower (IDC Contact) Section		31P2
81	746353		ST	Fling			THPL	10,14,16,20,24,26,30,34,40,44,50,60,64 Contacts		29P30
82	746370		ST	Fling			THPL	10,14,16,20,24,26,30,34,40,44,50,60,64 Contacts,With Detent Windows		29P31
83	746610		ST	Fling			THPL	10,14,16,20,24,26,30,34,40,44,560,60,64		0P7i
84	CA**IDPSL		ST			.500	PLYR	Contact Plating Au or Sn,10,14,16,20,24,26,34,40,50,60,64 Contacts	CAC05	0P9a
85	IK SERIES					.500	PLYR	10,14,16,20,26,34,40,44,50,60,64 Contacts, Au or Sn Plating	EBY15	41P7

TRANSITION, PC BOARD MOUNT PRODUCT SELECTION

Line No.	Type Identification	Mounting		EMI	Insulator		Polarization	Additional Features	Mfr. Order Key	Drawing Number
		Variation	Angle		Type	DWV (KV)				
2 ROWS (Cont'd)										
1	HIF2B	A	ST		.500	PLYR		10,20,30,34,40,50,60,64 Contacts,Dip Type		0G01
2	4321				1.00	THPL		10,14,16,20,26,34,40,44,50,56,60,64 Contacts,44,56,64 Pin Consult Factor		28P1
3	3964 SERIES							Two-Piece or Pre-Assembled Versions, Au or Sn Alloy Contacts		
4	SCF-10				.500	PBT		10,14,16,20,26 Contacts	SCEC03	0R22g
5	609 SERIES	B			.500	THPL		6,10,14,16,20,24,26,34,36,40,50,60,64 Contacts		68P2
6	609 SERIES	C			.500	THPL		6,10,14,16,20,24,26,34,36,40,44,50,56,60,64 Contacts		68R1
7	700 SERIES	A			.500	PLYR		10,14,16,20,24,26,34,40,50,60,64 Contacts		68R2
8	FGP-02				.700	PBT		10,16,20,26,30,34,40,42,50,60,64 Cntcts, Without Strain Relief		97R5
9	FGP-023				.700	PBT		10,16,20,26,30,34,40,42,50,60,64 Cntcts, With Strain Relief		97R5
10	FGP-05				.700	PBT		10,16,20,26,30,34,40,50,60,64 Cntcts, Au or Sn Contact Plating	YEI11	97R14
11	532955		ST		.750	PPS	Y	Terminal Length 2.92 or 3.68mm		29R1
3 ROWS										
12	3470-0000T				1.00	THPL		Au or Sn Alloy Contacts, M Prefix for Mil Parts		28P3
4 ROWS										
13	3474 SERIES				1.00	THPL		Au or Sn Alloy Contacts, M Prefix for Mil Parts		28P2
14	3422 SERIES				1.00	THPL		Au or Sn Alloy Contacts, M Prefix for Mil Parts		28P2
15	5P SERIES	B	ST			NYL				11P4
16	3434 SERIES				1.00	THPL		Au or Sn Alloy Contacts, M Prefix for Mil Parts		28P2
17	HIF2C		ST					High Density Mounting		
18	3402 SERIES				1.00	THPL		Au or Sn Alloy Contacts, M Prefix for Mil Parts		28P2
19	3418				1.00	THPL		Au or Sn Alloy Contacts, M Prefix for Mil Parts		28P2
20	842-806				.500	THPL		10,20,26,30,34,40,50 Contacts		0P11i
21	88219		ST			THPL		10,26,34,50 Contacts		0P11h
22	533-061				1.00	PLYR		20,26,34,40,50 Contacts, Available With/Without Strain Relief		0P11d
23	3426 SERIES				1.00	THPL		Au or Sn Alloy Contacts, M Prefix for Mil Parts		28P2
24	468-1					PLYR		10,20,26,34,40,50 Contacts		0P11c
25	88216		ST			THPL		10,14,18,22,26,30,34,38,42,46,50,54,58 Contacts		0P11g
26	88213		ST			THPL		12,16,20,24,28,32,36,40,44,48,52,56,60 Contacts		0P11f
27	ASTC		ST		.500		Y	10,14,16,20,26,34,40,44,50,60 Contacts	ASLH7	86H4
28	901	P	ST		.500	PLYR		10,16,20,26,34,40,50,60 Contacts		41P6
29	IP SERIES				.500	PLYR		10,16,20,26,34,40,50,60 Contacts, Au or Bright Tin Plating	EBY14	41P6
30	FCN734P				.500	PBT		10,14,16,20,26,30,34,40,50,60 Contacts, Sold & Tin Plating		34P7
31	LTT	B	ST		.350	PLYR		10,16,20,26,34,40,50,60 Contacts		41P6
32	41	D						10,20,26,34,40,50,60 Pins,Accepts 28-30 AWG Stranded or Solid Connectors		116P1
33	4301				.500	PLYR		10,16,20,26,34,40,50,60 Contacts, .062 or .093 Pin, Au/Sn Over Ni Platin		0G01
34	8603	A			1.00	PLYR		Sn or Au, MIL-C-83503,BS9525,BT224,HE10,DIN41651	SOU09	66P10
35	609 SERIES	A			.500	THPL		10,14,16,20,26,34,40,44,50,56,60 Contacts		68P1
36	PCB		ST		.500	PPS	Y	10,14,16,20,26,34,40,50,60 Contacts		24P2
37	IDT4					PLYR		10,16,20,26,34,40,50,60 Contacts, With or Without Strain Relief		55R7
38	54-10		ST		1.00	PBT		10,16,20,26,34,40,50,60 Contacts	WCH28	14P7
39	FEP-02				.700	PBT		10,14,16,20,26,30,34,40,44,50,56,60 Contacts		97R1
40	FRT				1.00	THPL		10,14,16,20,26,34,40,50,60,64 Cntcts,Tail Lngths,2.16mm,2.67mm and 4.19m	BDY08	0P7c
41	NFP-G				.700	PBT		10,16,20,26,30,34,40,50,60,64 Contacts	YEI10	97R11

TRANSITION, SOCKET MOUNT PRODUCT SELECTION

Line No.	Type Identification	Variation	Mounting		Insulator			Polarization	Additional Features	Mfr. Order Key	Drawing Number
			Angle	Type	EMI	DWV (KV)	Material				
SIP SOCKET											
1	643091			ST			1.00	PLYR	6,8,10,12,15 Contacts,Low Profile,Accept Rectangular Leads .015x.030		0R8c
2	16369										8R4
DIP SOCKET											
3	C-DIP4			ST			1.00	PLYR	DIP Connector,Available With Tin or Gold Contact Plating		31P1
4	C-DIP6			ST			1.00	PLYR	DIP Connector,Available With Tin or Gold Contact Plating		31P1
5	C-DIP8			ST			1.00	PLYR	DIP Connector,Available With Tin or Gold Contact Plating		31P1
6	C-DIP10			ST			1.00	PLYR	DIP Connector,Available With Tin or Gold Contact Plating		31P1
7	C-DIP12			ST			1.00	PLYR	DIP Connector,Available With Tin or Gold Contact Plating		31P1
8	C-DIP14			ST			1.00	PLYR	DIP Connector,Contact Plating Au or Sn		31P1
9	340 ⁵ SERIES						1.00	THPL	Au or Sn Alloy Contacts, M Prefix for Mil Parts		28P6
10	842-815	A					.500	PLYR	With or Without Strain Relief		0P7I
11	C-DIP16			ST			1.00	PLYR	DIP Connector,Contact Plating Au or Sn		31P1
12	533-060						1.00	PLYR	10,14,16 Pin DIP Mount, Avail With/Without Strain Relief		0P7h
13	ID SERIES	A					.500	PLYR	Au or Sn Plating on Contacts, Avail w/wo Strain Relief	EBY13	41P5
14	41	E					.600	PBT	14,16,Pins,Connects Ribbon Cable to PCB Board or DIP Socket,28-30 AWG		116P2
15	41	F					.600	PBT	24,40 Pins,Connects Ribbon Cable to PCB Board or DIP Socket,28-30 AWG		116P2
16	4201	A					.500	PLYR	.118in or .165in Pin Length, Au Flash Over Ni or Bright Sn Plating		0G01
17	3100			ST				PLYR			0P7p
18	3416						1.00	THPL	Au or Sn Alloy Contacts, M Prefix for Mil Parts		28P6
19	8603	B					1.00	PLYR	Sn or Au, MIL-C-83503,BS9525,BT224,HE10,DIN41651	SOU09	66R12
20	IDP	A						PLYR	With or Without Strain Relief		55R8
21	C-DIP18			ST			1.00	PLYR	Contact Plating Au or Sn,DIP Connector		31P1
22	C-DIP20			ST			1.00	PLYR	Contact Plating Au or Sn,DIP Connector		31P1
23	C-DIP22			ST			1.00	PLYR	Contact Plating Au or Sn,DIP Connector		31P1
24	C-DIP24			ST			1.00	PLYR	Contact Plating Au or Sn,DIP Connector		31P1
25	3460 SERIES						1.00	THPL	Au or Sn Alloy Contacts, M Prefix for Mil Parts		28P7
26	C-DIP28			ST			1.00	PLYR	Contact Plating Au or Sn,DIP Connector		31P1
27	C-DIP32			ST			1.00	PLYR	Contact Plating Au or Sn,DIP Connector		31P1
28	C-DIP36			ST			1.00	PLYR	Contact Plating Au or Sn,DIP Connector		31P1
29	ADIPC			ST			1.00	PLYR	4,6,10,12,18,20,22,28,32,36 Contacts,Direct Soldering or IC Sockets		79H8
30	842-815	B					.500	PLYR	With or Without Strain Relief		0P7m
31	C-DIP40			ST			1.00	PLYR	Contact Plating Au or Sn,DIP Connector		31P1
32	ASDP			ST			.500		Contact Plating Au or Sn,14,16,24,28,40 Contacts	ASLH4	86P1
33	ADIP			90			1.00	PLYR	8,14,16,24,40 Contacts,Direct Soldering or Insertion in IC Sockets		79H7
34	CA**IDP			ST			.500	PLYR	Contact Plating Au or Sn,14,16,24,40 Contacts,Tail Length 3.7 and 4.7mm	CAC03	0P7d
35	ID SERIES	B					.500	PLYR	Au or Sn Plating on Contacts, Avail w/wo Strain Relief	EBY13	41P5
36	HIF2B			ST			.650	PLYR	14,16,24,40 Contacts	HRS03	70P12
37	HIF2B	B		ST					14,16,24,40 Contacts,IC Type		
38	4201	B					.500	PLYR	.118in or .165in Pin Length, Au Flash Over Ni or Bright Sn Plating		0G01
39	DP			ST			.500	PLYR	Contact Plating Au or Sn,14,16,20,24,40 Contacts	JHIC03	0P7q
40	3508 SERIES						1.00	THPL	Au or Sn Alloy Contacts, M Prefix for Mil Parts		28P7
41	IDP	A					.500	PLYR	14,16,24,40 Contacts		107H2
42	IDP	B					.500	PLYR	17,16,24,40 Contacts		107H2
43	467-7							PLYR	14,16,24,40 Contacts		0P7f
44	471-3							PLCB	14,16,24,40 Contacts		0P7g
45	IDCP							PLYR	14,16,24,40 Contacts, Pin Length 4.7mm	SMI30	
46	IDP							PLYR	14,16,24,40 Contacts, Pin Length 4.7mm	SMI31	
47	8603	C					1.00	PLYR	Sn or Au, MIL-C-83503,BS9525,BT224,HE10,DIN41651	SOU09	66R12
48	IDP	B						PLYR	With or Without Strain Relief		55R8
49	FCP-03						.700	PBT	14,16,20,24,28,40,42 Cntcts,DIP Socket Mount,Pin Lengths .133 or .200in		97P1
50	FCP-07						.700	PBT	14,16,18,20,22,24,28,32,36,40,42 Cntcts,DIP Mount, Ref Mfr Number Key	YEI05	97P2
51	FGP-03						.700	PBT	14,16,18,20,22,24,28,32,36,40,42 Contact,DIP Mount,Pin Length .114,.181i		97P3
52	471-18							PLYR	10,14,16,20,26,34,40,50 Contacts		0R22f
53	AXP	A		ST			.650		10,14,16,20,26,30,34,40,50,60 Contacts,Mini-Dip Type	ARO04	90H6
54	ASSLP			ST			.500		Slim Line Plug Connector,10,14,16,20,26,34,40,50,60 Contacts	ASLH5	86P2
55	FCC-210						.500	THPL	10,14,16,20,26,34,40,50,60 Contacts,Strain Relief		0R22a
56	FCC-217						.500	THPL	10,14,16,20,26,34,40,50,60 Contacts,Strain Relief		0R22a
57	FCC-220						.500	THPL	10,14,16,20,26,34,40,50,60 Contacts,Non-Strain,Low Profile		0R23a
58	FCC-227						.500	THPL	10,14,16,20,26,34,40,50,60 Contacts,Non-Strain,Low Profile		0R25a
59	CA**IDS			ST			.500	PLYR	Contact Plating Au or Sn,10,14,16,20,26,34,40,50,60 Contacts	CAC01	0R22b
60	CA**IDS2			ST			.500	PLYR	Contact Plating Au or Sn,10,14,16,20,26,34,40,50,60 Contacts	CAC02	0R22c
61	FCN714P						.500	PBT	10,14,16,20,24,26,34,40,50,60 Contacts, Gold & Tin Plating		34P6
62	FCN754P						.500	PBT	10,14,16,20,24,26,30,34,40,50,60 Contacts, Gold & Tin Plating		34P8
63	HIF2B-D			ST			.650	PLYR	10,20,26,30,34,40,50,60 Contacts	HRS03	70P13
64	6100			ST				PBT	10,14,16,20,24,26,30,34,40,50,60 Contacts	KAM09	0P7r
65	IDL	A					.500	PLYR	10,14,16,20,26,34,36,40,50,60 Contacts		107H1
66	IDL	B					.500	PLYR			107H1

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AEG CORP.- INTERMAS (Cont.)					SOCKETS, D-TYPE				
C32M-C1B	2-132	71	DIN02	999P3	2 ROWS				
C32M-C1H (A)	2-132	72	DIN02	999P3	HS-027** (A)	2-44	28		0G01
C32M-C1H (B)	2-132	73	DIN02	999P3	HS-027** (B)	2-44	29		0G01
C32M-C1W	2-132	74	DIN02	999P3					
C32S-C1A (B)	2-132	75	DIN02	999P3	3 ROWS				
C64M-C1A	2-138	33	DIN01	999P3	HS-027** (C)	2-50	36		0G01
C64M-C1A (A)	2-138	34	DIN02	999P3					
C64M-C1B	2-138	35	DIN02	999P3					
C64M-C1H (A)	2-138	36	DIN02	999P3	SOCKETS, CENTRONICS				
C64M-C1H (B)	2-138	37	DIN02	999P3	2 ROWS				
C64M-C1W	2-138	38	DIN02	999P3	57 (B)	2-76	4		0G03
D16M-C1A	2-132	34	DIN01	999P12					
D32M-C1A (A)	2-132	76	DIN01	999P12	PLUGS, HEADER				
D32M-C1A (B)	2-132	77	DIN02	999P12	1 ROW, PITCH MISC.				
D32M-C1B	2-132	78	DIN01	999P12	PI-025**	2-96	17		0H33
D32M-C1H (A)	2-132	79	DIN02	999P12	PI-050**	2-96	6		113H1
D32M-C1H (B)	2-132	80	DIN02	999P12	PI-080**	2-96	7		113H2
D32M-C1W	2-132	81	DIN02	999P12					
F32M-C1A (A)	2-132	82	DIN02	999P14	2 ROWS, PITCH MISC.				
F32M-C1A (B)	2-132	83	DIN02	999P14	HI-2540**	2-114	50		0G04a
F32M-C1A (C)	2-132	84	DIN02	999P14					
F32M-C1A (D)	2-132	85	DIN01	999P14	PLUGS, D-TYPE				
H15M-C2A	2-132	23	DIN02	999P20	2 ROWS				
H15M-C2S	2-132	24	DIN02	999P20	HI-027** (A)	2-120	10		0G01
R32M-C1B	2-134	1	DIN02	999P9	HI-027** (B)	2-120	11		0G01
R32M-C1H	2-134	2	DIN01	999P9					
R32M-C1HY	2-134	3	DIN01	999P9	3 ROWS				
R32M-C1HYU	2-134	4	DIN02	999P9	HI-027** (C)	2-126	9		0G01
R32M-C1HZ	2-134	5	DIN01	999P9					
R32M-C1Y	2-134	6	DIN02	999P9	PLUGS, CENTRONICS				
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R64M-C1H	2-138	40	DIN01	999P9					
R64M-C1HY	2-138	41	DIN01	999P9	ALLIED AMPHENOL PRODUCTS (AAP)				
R64M-C1HYU	2-138	42	DIN02	999P9	SOCKETS, EDGE CARD				
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R64M-C1Y	2-138	44	DIN02	999P9	133	2-2	40	AAP4	0R18e
R64M-C1Z	2-138	45	DIN01	999P9	225-2 (C)	2-2	70	AAP2	0R17ak
3 ROWS					2 ROWS, SINGLE READOUT, PITCH .100" (2.54mm)				
AC48M-C1A	2-142	33	DIN02	999P26	842-807	2-4	40		0R12i
AC48M-C1B	2-142	34	DIN02	999P26					
AC48M-C1H (A)	2-142	35	DIN02	999P26	2 ROWS, SINGLE READOUT, PITCH .156" (3.95mm)				
AC48M-C1H (B)	2-142	36	DIN02	999P26	143 (A)	2-4	60	AAP4	0R17al
AC48M-C1W	2-142	37	DIN02	999P26	143 (B)	2-4	61	AAP4	0R17al
C96M-C1A (A)	2-144	54	DIN02	999P3	225-2 (B)	2-6	5	AAP2	0R17ak
C96M-C1A (A)	2-144	53	DIN01	999P3	225-2 (G)	2-6	6	AAP3	0R17ak
C96M-C1A (B)	2-144	55	DIN01	999P3					
C96M-C1AH	2-144	56	DIN01	999P3	2 ROWS, SINGLE READOUT, PITCH MISC.				
C96M-C1B	2-144	57	DIN02	999P3	13847	2-6	9	AAP17	37R4
C96M-C1H (A)	2-144	58	DIN02	999P3	13848	2-6	10	AAP17	37R4
C96M-C1H (B)	2-144	59	DIN02	999P3	13926	2-6	24		37R1
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E48M-C1A (B)	2-142	39	DIN01	999P24	15104 (B)	2-6	17		37R5
E48M-C1A (C)	2-142	40	DIN02	999P24					
E48M-C1A (D)	2-142	41	DIN02	999P24	2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)				
E48M-C1B	2-142	42	DIN01	999P24	225-805	2-8	73		0R17aj
E48M-C1H (A)	2-142	43	DIN02	999P24					
E48M-C1H (B)	2-142	44	DIN02	999P24	2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm)				
E48M-C1W	2-142	45	DIN02	999P24	225-2 (A)	2-12	39	AAP2	0R17ak
F48M-C1A (A)	2-142	46	DIN01	999P14	225-2 (D)	2-12	40	AAP2	0R17ak
F48M-C1A (B)	2-142	47	DIN02	999P14	225-2 (E)	2-12	41	AAP3	0R17ak
M24/7M-C1A2S	2-142	12	DIN01	999P22	225-2 (F)	2-12	42	AAP3	0R17ak
R96M-C1B	2-144	60	DIN02	999P9					
R96M-C1H	2-144	61	DIN01	999P9	2 ROWS, DOUBLE READOUT, PITCH MISC.				
R96M-C1HY	2-144	62	DIN01	999P9	225-804	2-16	59		0R17ai
R96M-C1HYU	2-144	63	DIN02	999P9					
R96M-C1HZ	2-144	64	DIN01	999P9	SOCKETS, TWO-PIECE				
R96M-C1Y	2-144	65	DIN02	999P9	1 ROW				
R96M-C1Z	2-144	66	DIN01	999P9	15137	2-20	41		37R6
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G64M-C1A	2-146	42	DIN02	999P16	1 ROW, PITCH .100" (2.54mm)				
					727-FF (A)	2-32	14		0R28i
					727-FF (B)	2-32	15		0R30d
					2 ROWS, PITCH .100" (2.54mm)				
					840-FRC2 (A)	2-36	9	AAP5	0R22h
					840-HU (A)	2-36	10	AAP7	0R11d
					840-HU (B)	2-36	11	AAP7	0R32b
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					117-D (A)	2-44	17	AAP16	0G01
					117-D (B)	2-44	18	AAP16	0G01
					117D (A)	2-44	19	AAP13	0R45d
					117D (B)	2-44	20	AAP13	0G01
					117D (I)	2-44	21	AAP15	0R45d
ALL BEST ELECTRONICS CO., LTD. (ABEJ)									
SOCKETS, EDGE CARD									
2 ROWS, DOUBLE READOUT, PITCH MISC.									
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117DF (A)	2-44	23	AAP13	0R45d	850-57F (B)	2-76	20	AAP1	0G03
117DF (B)	2-44	24	AAP13	0G01	850-57FE (B)	2-76	21	AAP1	0G03
17 SERIES (A)	2-44	25	AAP14	0R45d	850-57L	2-76	22	AAP1	0G03
17 SERIES (B)	2-44	26	AAP14	0G01	850-57LE	2-76	23	AAP1	0G03
617 (B)	2-44	27	AAP18	0G01	SOCKETS, SPECIAL APPLICATION				
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117-D (H)	2-50	27	AAP16	0G01	PLUGS, TWO-PIECE				
117D (G)	2-50	28	AAP13	0G01	1 ROW				
117D (H)	2-50	29	AAP13	0G01	15139 (A)	2-80	38		37R6
117D (O)	2-50	30	AAP15	0G01	15139 (B)	2-80	39		37R6
117D (P)	2-50	31	AAP15	0G01	PLUGS, HEADER				
117DF (G)	2-50	32	AAP13	0G01	1 ROW, PITCH .100" (2.54mm)				
117DF (H)	2-50	33	AAP13	0G01	842-800 (A)	2-92	3		0H1aa
17 SERIES (G)	2-50	34	AAP14	0G01	842-801 (A)	2-92	4		0H3w
17 SERIES (H)	2-50	35	AAP14	0G01	2 ROWS, PITCH .100" (2.54mm)				
SOCKETS, DIN					2 ROWS, PITCH .100" (2.54mm)				
2 ROWS					840-FRC2 (B)	2-104	7	AAP9	0H29e
706 TYPE B (A)	2-62	74		999R2	840-FRC2 (C)	2-104	8	AAP9	0H32d
706 TYPE B (B)	2-62	75		999R2	840-HU (C)	2-104	9	AAP11	0H17b
706 TYPE B (C)	2-58	39		999R2	840-HU (D)	2-104	10	AAP11	0H18b
706-C143B (G)	2-62	76		999R2	842-800 (B)	2-108	64		0H2ak
706-C143B (H)	2-58	40		999R2	842-801 (B)	2-108	65		0H4ah
706-C143B (J)	2-58	41		999R2	842-816 (A)	2-106	74	AAP8	0H26f
706-C143B (K)	2-62	77		999R2	842-816 (B)	2-106	75	AAP8	0H30f
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706 TYPE C (A)	2-70	42		999R4	117D (D)	2-120	2	AAP13	0P10e
706 TYPE C (B)	2-70	43		999R4	117D (K)	2-120	3	AAP15	0G01
706 TYPE C (C)	2-70	17		999R4	117D (L)	2-120	4	AAP15	0P10e
706 TYPE C (D)	2-70	18		999R4	117DF (C)	2-120	5	AAP13	0G01
706 TYPE C (E)	2-70	19		999R4	117DF (D)	2-120	6	AAP13	0P10e
706-C143C (G)	2-70	44		999R4	17 SERIES (C)	2-120	7	AAP14	0G01
706-C143C (H)	2-70	20		999R4	17 SERIES (D)	2-120	8	AAP14	0P10e
706-C143C (J)	2-66	81		999R4	617 (A)	2-120	9	AAP18	0G01
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706-C143C (M)	2-66	82		999R4	117-D (F)	2-124	85	AAP16	0R43g
706-C143C/2 (A)	2-68	22		999P7	117D (E)	2-126	1	AAP13	0R42e
706-C143C/2 (B)	2-66	83		999P7	117D (F)	2-126	2	AAP13	0R43g
706-C143C/2 (C)	2-66	70		999P7	117D (M)	2-126	3	AAP15	0R42e
706-C143C/2 (D)	2-68	23		999P7	117D (N)	2-126	4	AAP15	0R43g
706-C143C/2 (E)	2-66	84		999P7	117DF (E)	2-126	5	AAP13	0R42e
706-C143C/2 (F)	2-66	71		999P7	117DF (F)	2-126	6	AAP13	0R43g
706-C143C/2 (G)	2-68	24		999R8	17 SERIES (E)	2-126	7	AAP14	0R42e
706-C143C/2 (H)	2-66	85		999R8	17 SERIES (F)	2-126	8	AAP14	0R43g
706-C143C/2 (J)	2-66	72		999R8	PLUGS, DIN				
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706-C143C/2 (M)	2-66	73		999R8	705 TYPE B (B)	2-138	22		999P1
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706-C143F (F)	2-68	3		999R15	705 TYPE B (E)	2-138	24		999P1
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706-C143M (G)	2-68	27		999R34	705-C133B (B)	2-132	52		999P1
706-C143M (H)	2-68	4		999R34	705-C133B (C)	2-132	53		999P1
706-C143R (D)	2-70	46		999R10	705-C133B (D)	2-138	26		999P1
706-C143R (E)	2-70	23		999R10	705-C133B (E)	2-132	54		999P1
706-C143R (F)	2-68	5		999R10	705-C133B (F)	2-132	55		999P1
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2 ROWS					706-C143B (C)	2-132	60		999P1
57-20 (B)	2-76	11		0G03	706-C143B (D)	2-138	28		999P1
57-30	2-76	12		0G03	706-C143B (E)	2-132	61		999P1
57-92 (A)	2-76	13		0G03	706-C143B (F)	2-132	62		999P1
57-92 (B)	2-76	31		0G03	706-C143F (A)	2-138	16		999P14
57F	2-76	14	AAP1	0G03	706-C143F (B)	2-132	63		999P14
57FE	2-76	15	AAP1	0G03	706-C143F (C)	2-132	64		999P14
57L	2-76	17	AAPL	37R2	706-C143Q (A)	2-138	29		999P27
57L	2-76	16	AAP1	0G03	706-C143Q (B)	2-132	65		999P27
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SSB4M	2-96	83	ACP02	65H5	CDF9 (A) 2-42 1 0G01				
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C96F	2-70	59	DIN01	999R4	CSWS50 (C)	2-102	74		31H7
F48F	2-68	50	DIN01	999R15	CSWS50 (D)	2-102	75		31H8
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CSU111	2-94	69		31H9	CDS15 (B)	2-118	21		31P9a
CSU112	2-94	70		31H11	CDS25 (A)	2-118	59		31P9
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CSPS10 (C)	2-100	21		31H3	CDS37 (A)	2-120	13		31P4
CSPS10 (D)	2-100	22		31H4	CDS37 (B)	2-120	14		31P4
CSPS14 (A)	2-100	33		31H1	CDS37 (B)	2-120	15		31P9a
CSPS14 (B)	2-100	34		31H2	CDS9 (A)	2-118	1		31P4
CSPS14 (C)	2-100	35		31H3	CDS9 (A)	2-118	2		31P9
CSPS14 (D)	2-100	36		31H4	CDS9 (B)	2-118	4		31P9a
CSPS16 (A)	2-100	47		31H1	CDS9 (B)	2-118	3		31P4
CSPS16 (B)	2-100	48		31H2	CRF36S	2-118	84		31R3
CSPS16 (C)	2-100	49		31H3	11.29 (A)	2-118	5		0G01
CSPS16 (D)	2-100	50		31H4	11.29 (B)	2-118	22		0G01
CSPS20 (A)	2-100	61		31H1	11.29 (C)	2-118	63		0G01
CSPS20 (B)	2-100	62		31H2	11.29 (D)	2-120	16		0G01
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CSPS26 (B)	2-100	77		31H2	11.31 (D)	2-120	17		31P8
CSPS26 (C)	2-100	78		31H3	11.32 (A)	2-118	7		31P8
CSPS26 (D)	2-100	79		31H4	11.32 (B)	2-118	24		31P8
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CSPS34 (B)	2-102	8		31H2	11.32 (D)	2-120	18		31P8
CSPS34 (C)	2-102	9		31H3	11.87 (A)	2-118	8		31P7
CSPS34 (D)	2-102	10		31H4	11.87 (B)	2-118	25		31P7
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CSPS40 (B)	2-102	43		31H2	11.87 (D)	2-120	19		31P7
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CSPS50 (A)	2-102	68		31H1	CDS50 (B)	2-126	11		31P4
CSPS50 (B)	2-102	69		31H2	11.29 (E)	2-126	12		0G01
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CSPS50 (D)	2-102	71		31H4	1 ROW				
CSPS60 (A)	2-104	11		31H1	B32M (A)	2-130	32	DIN01	999P1
CSPS60 (B)	2-104	12		31H2	B32M (C)	2-130	33	DIN01	999P1
CSPS60 (C)	2-104	13		31H3	C32M (A)	2-130	34	DIN01	999P3
CSPS60 (D)	2-104	14		31H4	C32M (D)	2-130	35	DIN01	999P3
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CSU023	2-112	44		31H14	HC16M (A)	2-130	10	DIN01	999P7
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CSWS14 (A)	2-100	37		31H5	B64M (A)	2-138	46	DIN01	999P1
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CSWS16 (C)	2-100	53		31H7	C64M (C)	2-138	50	DIN01	999P3
CSWS16 (D)	2-100	54		31H8	C64M (D)	2-138	51	DIN01	999P3
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CSWS20 (B)	2-100	66		31H6	D16M (B)	2-132	36	DIN01	999P12
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CSWS20 (D)	2-100	68		31H8	D32M (B)	2-134	13	DIN01	999P12
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CSWS26 (D)	2-100	83		31H8	F32M (D)	2-134	17	DIN01	999P14
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CSWS34 (C)	2-102	13		31H7	HB32M (A)	2-134	18	DIN01	999P5
CSWS34 (D)	2-102	14		31H8	HB32M (B)	2-134	19	DIN01	999P5
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C96M (B)	2-144	68	DIN01	999P3	583900	2-6	77		0R14c
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F48M (B)	2-142	49	DIN01	999P14	746427	2-8	43		0R12g
G64M	2-144	27	DIN01	999P16	746428	2-8	44		0R12f
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CRS36S	2-150	5		31P3	582761 (A)	2-10	72		0R13z
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C-PCB10	2-156	30		31P2	583859	2-10	80		0R13af
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C-PCB40	2-156	56		31P2	530661	2-16	60		0R17an
C-PCB50	2-156	64		31P2	530661	2-14	62		0R17an
C-PCB60	2-156	70		31P2	530661	2-14	63		0R17an
C-PCB64	2-156	80		31P2	530662	2-14	63		0R17an
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DIP SOCKET					530664	2-14	64		0R17an
C-DIP10	2-160	6		31P1	530664	2-16	62		0R17an
C-DIP12	2-160	7		31P1	530666	2-16	43		0R17am
C-DIP14	2-160	8		31P1	530668	2-16	44		0R17am
C-DIP16	2-160	11		31P1	530671	2-16	63		0R17an
C-DIP18	2-160	21		31P1	530673	2-16	64		0R17an
C-DIP20	2-160	22		31P1	530676	2-16	45		0R17am
C-DIP22	2-160	23		31P1	530677	2-16	46		0R17am
C-DIP24	2-160	24		31P1	530679	2-16	47		0R17am
C-DIP28	2-160	26		31P1	530682	2-16	65		0R17an
C-DIP32	2-160	27		31P1	530683	2-16	66		0R17an
C-DIP36	2-160	28		31P1	530685	2-16	67		0R17an
C-DIP4	2-160	3		31P1	531341	2-16	18		0R13u
C-DIP40	2-160	31		31P1	531927	2-16	19		0R13w
C-DIP6	2-160	4		31P1	532256	2-18	20		29R16
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MTA-156 (B)	2-2	50		29R3	583679	2-14	68		0R20c
530073	2-2	64		0R13ac	583722	2-14	49		0R13y
582761 (B)	2-2	65		0R13aa	583864	2-14	59		0R13ae
640133	2-2	51		29R63	583873	2-16	48		0R14ae
640134	2-2	52		29R64	583888	2-16	35		0R13af
640136 (A)	2-2	53		29R65	583891	2-16	49		0R14ae
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929501	2-90	73	APT01	93H04	6905 (B)	2-34	77	ARS02	119H3
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929647	2-92	8	APT01	93H1a	1 ROW, PITCH .100" (2.54mm)				
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929648	2-92	9	APT01	93H2a	901-1	2-94	14	ARS01	0H1j
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929700	2-92	11	APT01	93H05a	901-5	2-94	16	ARS01	0H2t
929705	2-92	14	APT01	93H05a	902-1	2-94	17	ARS01	0H1k
929705	2-92	13	APT01	93H5a	902-3	2-94	18	ARS01	0H2h
929730	2-92	15	APT01	93H06	902-5	2-94	19	ARS01	0H2u
929730	2-92	16	APT01	93H6	903-1	2-94	20	ARS01	0H1l
929735	2-92	17	APT01	93H6	903-3	2-94	21	ARS01	0H2i
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PWBH (D)	2-2	13	BDY22	0R18a	FRH (C)	2-104	68	BDY02	0H28d
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					0G01				
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DIP SOCKET					SOCKETS, HEADER				
533-060	2-160	12		0P7h	1 ROW, PITCH .100" (2.54mm)				
CIRCUIT ASSEMBLY CORP. (CAC)					477 (A)				
SOCKETS, EDGE CARD					2-32 17 CTL01 91H1				
2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)					478 (A)				
CA**IDEC	2-8	16	CAC07	0R12b	2-30 45 CTL01 91H7				
CA**EC	2-8	78	CAC32	0R17b	2-30 46 CTL01 91H8				
CA**ECR	2-8	79	CAC33	0R18b	2 ROWS, PITCH .100" (2.54mm)				
CA**EC2	2-8	69	CAC34	0R13b	477 (B)				
CA**EC2R	2-8	70	CAC35	0R14a	2-34 80 CTL01 91H2				
SOCKETS, TWO-PIECE					477 (C)				
2 ROWS					2-36 82 CTL01 91H3				
CA-ES**	2-22	77	CAC38	0R32a	477 (D)				
CA-MST24	2-22	78	CAC37	0R33a	2-36 83 CTL01 91H4				
CA-SLT24	2-22	79	CAC36	0R34a	PLUGS, HEADER				
SOCKETS, HEADER					1 ROW, PITCH .100" (2.54mm)				
1 ROW, PITCH .100" (2.54mm)					331				
CA-S**MS	2-30	67	CAC28	0R28a	2-90 30 CTL01 0H1y				
CA-S**MSR	2-30	68	CAC29	0R47	2-90 31 CTL01 0H1y				
CA-S**VSC	2-30	59	CAC10	0R26a	2-94 51 CTL01 0H1v				
2 ROWS, PITCH .100" (2.54mm)					2-94 52 CTL01 0H1w				
CA-D**MS	2-36	46	CAC30	0R29a	2-94 53 CTL01 0H2ah				
CA-D**MSR	2-36	47	CAC31	0R31a	2-94 54 CTL01 0H2ai				
CA-D**VSC	2-34	53	CAC11	0R17b	2-90 32 CTL01 91H5				
SOCKETS, D-TYPE					2-90 33 CTL01 91H5a				
2 ROWS					2-90 34 CTL01 91H6				
CA-25SMD (A)	2-42	76	CAC08	0R40e	2-90 35 CTL01 91H6a				
PLUGS, TWO-PIECE					2 ROWS, PITCH .100" (2.54mm)				
2 ROWS					473 (A)				
CA-**-6218	2-82	51	CAC39	0P13a	2-112 11 CTL01 0H3t				
PLUGS, HEADER					473 (B)				
1 ROW, PITCH .100" (2.54mm)					2-112 12 CTL01 0H3u				
CA-S** (A)	2-92	58	CAC12	0H1b	2-112 13 CLT01 0H4ae				
CA-S** (C)	2-94	82	CAC20	0H1c	2-112 14 CTL01 0H4af				
CA-S**R (A)	2-92	59	CAC13	0H2b	COMPAR CONNECTORS (COMC)				
1 ROW, PITCH MISC.					SOCKETS, EDGE CARD				
CA-S** (B)	2-98	86	CAC18	0H1b	1 ROW, SINGLE READOUT, PITCH .100" (2.54mm)				
CA-S**MP	2-98	80	CAC40	93H11	EZC (A)				
CA-S**MPR	2-98	81	CAC40	31H11	2-2 25 COMC01 0G01				
CA-S**R (B)	2-98	87	CAC19	0H2b	EZC (B)				
2 ROWS, PITCH .100" (2.54mm)					2-2 26 COMC01 0G01				
CA-**H	2-104	78	CAC22	0H12a	1 ROW, SINGLE READOUT, PITCH .156" (3.95mm)				
CA-**HL	2-104	79	CAC26	0H14b	DZM (A)				
CA-**HLR	2-104	80	CAC27	0H15b	2-2 73 COMC02 0G01				
CA-**HR	2-104	81	CAC23	0H13a	2-2 74 COMC02 0G01				
CA-**H3	2-104	82	CAC24	0H27e	2-2 75 COMC01 0G01				
CA-**H3R	2-104	83	CAC25	0H30e	2-2 76 COMC01 0G01				
CA-D** (A)	2-112	57	CAC21	0H3e	1 ROW, SINGLE READOUT, PITCH MISC.				
CA-D** (B)	2-110	42	CAC14	0H3d	EZA (A)				
CA-D**R	2-110	43	CAC15	0H4m	2-4 28 COMC01 0G01				
2 ROWS, PITCH MISC.					EZA (B)				
CA-D**MP	2-114	45	CAC41	31H10	2-4 29 COMC01 0G01				
CA-D**MPR	2-114	46	CAC41	31H12	2 ROWS, SINGLE READOUT, PITCH .156" (3.95mm)				
					DZM (C)				
					2-4 69 COMC02 0G01				
					2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)				
					EZC (C)				
					2-10 41 COMC01 0G01				
					EZC (D)				
					2-10 42 COMC01 0G01				
					2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm)				
					DZM (D)				
					2-12 48 COMC02 0G01				
					DZM (E)				
					2-12 49 COMC02 0G01				
					EZM (C)				
					2-12 50 COMC01 0G01				
					EZM (D)				
					2-12 51 COMC01 0G01				
					2 ROWS, DOUBLE READOUT, PITCH MISC.				
					EZA (C)				
					2-16 72 COMC01 0G01				
					EZA (D)				
					2-16 73 COMC01 0G01				
					SOCKETS, D-TYPE				
					2 ROWS				
					DELTA D (D)				
					2-46 4 COMC03 0G01				
					DELTA D (E)				
					2-46 5 COMC03 0G01				
					DELTA D (F)				
					2-46 6 COMC03 0G01				

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COMPAR CONNECTORS (Cont.)									
3 ROWS					11.42 (D)	2-64	46		999R4
DELTA D (G)	2-50	71	COMC03	0G01	11.42 (E)	2-60	16		999R4
DELTA D (H)	2-50	72	COMC03	0G01	11.43 (B)	2-64	47		999R4
DELTA D (I)	2-50	73	COMC03	0G01	11.43 (C)	2-60	17		999R4
					11.44 (B)	2-64	48		999R4
					11.44 (C)	2-60	18		999R4
PLUGS, D-TYPE					3 ROWS				
2 ROWS					11.42 (C)	2-70	69		999R4
DELTA D (A)	2-120	71	COMC03	0G01	11.43 (A)	2-70	70		999R4
DELTA D (B)	2-120	72	COMC03	0G01	11.44 (A)	2-70	71		999R4
DELTA D (C)	2-120	73	COMC03	0G01					
3 ROWS					PLUGS, TWO-PIECE				
DELTA D (J)	2-126	44	COMC03	0G01	2 ROWS				
DELTA D (K)	2-126	45	COMC03	0G01	M7 (A)	2-80	67		0P1a
DELTA D (L)	2-126	46	COMC03	0G01	M9 (A)	2-80	71		0P1b
					10.98 (A)	2-82	56		0P13b
COMPONENTS CORP. (CCP)					11.00 (A)	2-82	33		0P13b
SOCKETS, EDGE CARD					11.03 (A)	2-82	57		0P13b
2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)					3 ROWS				
MDR100	2-6	79	CCP01	102R1	M14 (A)	2-86	15		0P1c
					M20 (A)	2-86	18		0P1d
CONNECTOR TECHNOLOGY, INC. (CNT)					M26 (A)	2-86	20		0P1e
SOCKETS, EDGE CARD					10.98 (B)	2-86	29		0P13b
2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)					11.00 (B)	2-86	24		0P13b
CT1001	2-6	39		0R21a	11.03 (B)	2-86	30		0P13b
CT1002	2-6	40		0R21b	4 ROWS				
2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm)					M26-4 (A)	2-88	8		0P1f
CT1562	2-10	58		0R21e	M34 (A)	2-88	9		0P1a
2 ROWS, DOUBLE READOUT, PITCH MISC.					M50 (A)	2-88	16		0P1h
CT1251	2-14	13		0R21c	PLUGS, D-TYPE				
CT1252	2-14	14		0R21d	2 ROWS				
CONTACT ELECTRONICS INC. (CTE)					11.29 (A)	2-124	59	CTE01	0G01
SOCKETS, EDGE CARD					11.317	2-120	75	CTE02	0P10a
1 ROW, SINGLE READOUT, PITCH .100" (2.54mm)					11.318	2-120	76	CTE02	0P10a
GS20 (A)	2-2	15		0R13s	11.319	2-120	77	CTE02	0P10a
2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)					11.32	2-120	78	CTE01	0P10a
GS20 (B)	2-8	84		0R13s	PLUGS, DIN				
2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm)					1 ROW				
GS24	2-10	85		0R17ac	11.35 (B)	2-130	41		999P1
					11.36 (B)	2-130	42		999P1
SOCKETS, TWO-PIECE					2 ROWS				
2 ROWS					11.35 (A)	2-138	70		999P1
M7 (B)	2-20	83		0R1a	11.35 (C)	2-134	39		999P1
M9 (B)	2-22	2		0R1b	11.36 (A)	2-138	71		999P1
11.00 (C)	2-22	48		0R8c	11.36 (C)	2-134	40		999P1
11.03 (C)	2-22	82		0R9c	11.40 (B)	2-138	72		999P3
3 ROWS					11.40 (C)	2-134	41		999P3
M14 (B)	2-26	47		0R1c	11.41 (B)	2-138	73		999P3
M20 (B)	2-26	49		0R1d	11.41 (C)	2-134	42		999P3
M26 (B)	2-26	51		0R1e	11.42 (A)	2-138	74		999P3
11.01	2-26	53		0R9d	11.42 (B)	2-134	43		999P3
11.03 (D)	2-26	60		0R9c	3 ROWS				
4 ROWS					11.40 (A)	2-144	79		999P3
B	2-28	25		0R1h	11.41 (A)	2-144	80		999P3
M26-4 (B)	2-28	16		0R1f	CONTINENTAL CONNECTOR CORP. (CCC)				
M34 (B)	2-28	17		0R1g	SOCKETS, EDGE CARD				
SOCKETS, D-TYPE					1 ROW, SINGLE READOUT, PITCH .100" (2.54mm)				
2 ROWS					6100-0	2-2	2	CCC13	0R17m
11.29 (B)	2-50	2	CTE01	0G01	6121	2-2	14	CCC05	0R17g
11.417	2-46	8	CTE02	0G01	2 ROWS, SINGLE READOUT, PITCH .100" (2.54mm)				
11.418	2-46	9	CTE02	0G01	K600 (A)	2-4	47	CCC04	
11.419	2-46	10	CTE02	0G01	2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)				
11.42	2-46	11	CTE01	0G01	K600 (B)	2-8	80	CCC04	
11.53	2-42	80		0G01	V6121 (A)	2-8	81	CCC07	0R17h
11.54	2-42	81		0G01	V6121 (B)	2-8	82	CCC07	0R17h
11.63	2-42	82		0G01	V6121 (C)	2-8	83	CCC07	0R17h
11.64	2-42	83		0G01	6100 (A)	2-10	56	CCC16	0R13f
SOCKETS, DIN					6100 (B)	2-10	57	CCC16	0R3b
1 ROW					6100-300 (A)	2-10	32	CCC16	0R17n
11.37 (B)	2-56	36		999R2	6100-300 (B)	2-10	33	CCC16	0R17n
11.38 (B)	2-56	37		999R2	2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm)				
11.39 (B)	2-56	38		999R2	FT6156	2-12	43		20R11
2 ROWS					OFT6156	2-12	26		20R12
11.37 (A)	2-64	43		999R2	Q6156-140	2-12	44	CCC11	0R18d
11.37 (C)	2-60	13		999R2	Q6156-140 (A)	2-12	45	CCC11	0R17k
11.38 (A)	2-64	44		999R2	600-11 (A)	2-12	46	CCC06	
11.38 (C)	2-60	14		999R2	600-11 (B)	2-12	47	CCC06	
11.39 (A)	2-64	45		999R2	6156 (A)	2-14	8	CCC08	0R17i
11.39 (C)	2-60	15		999R2	6156 (B)	2-14	9	CCC08	0R17i
					6156 (C)	2-14	10	CCC08	0R17i

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2 ROWS, DOUBLE READOUT, PITCH MISC.					SMM (B)	2-80	69	CCC15	0P4a
AM6125-200	2-16	71		0R17j	SMM4 (A)	2-80	70	CCC15	20P16
FC600	2-18	24		0R17o	ST600	2-84	56		
FC650	2-18	25		20P19	145-5-7P (A)	2-82	88	CCC01	20P1
M6125-250 (A)	2-14	29	CCC10	20R13	145-5-7P (B)	2-84	1	CCC01	20P2
M6125-250 (B)	2-14	30	CCC10	20R13	600-1-9P	2-84	57		
600-6PC	2-18	26	CCC03	0R17f	615-1-7P	2-84	3		
6050	2-18	12	CCC12	0R17l	3 ROWS				
6125 (A)	2-18	27		0R13d	MM-22P (C)	2-86	56	CCC02	0P4a
6125 (B)	2-18	28		0R13d	SMM (C)	2-86	21	CCC15	0P4a
6125-2 (A)	2-18	13	CCC10	0R13e	SMM4 (B)	2-86	31	CCC15	20P17
6125-2 (B)	2-18	14	CCC10	0R13e	1800-18L	2-86	22	CCC02	0P2a
6125-2 (C)	2-18	15	CCC10	0R13e	1800-18R	2-86	23	CCC02	0P2a
					25-36P	2-86	28		20P13
					610-1-13P	2-86	69		
SOCKETS, TWO-PIECE									
1 ROW					4 ROWS				
CML10S	2-20	42	CCC09	20R8	MM-22P (D)	2-88	13	CCC02	0P4a
ML10S	2-20	43	CCC09	20R8	SMM (C)	2-88	14	CCC15	20P15
2 ROWS					SMM (D)	2-88	15	CCC15	0P4a
CMAR10S	2-24	80	CCC09	20R4	W7P	2-88	25		0P4b
CMAR160S	2-26	43	CCC09	20R6	145-100P	2-88	24		0P4b
CMAR90S	2-26	35	CCC09	20R5	4-20P	2-88	26		0P4b
CMA10S	2-26	8	CCC09	20R3	6 ROWS				
CMR14S	2-26	9	CCC09	20R7	MB59P	2-88	30	CCC09	20P12
CM10S	2-26	10	CCC09	20R2	7 ROWS				
CSMM (B)	2-20	85	CCC15	0R3a	MM75-22P	2-88	34	CCC02	0P3a
CSMM4 (A)	2-22	1	CCC15	20R17	SMM75	2-88	35	CCC15	0P3a
LPST600-1 (B)	2-26	6			25-70P	2-88	33	CCC14	20P14
MARR10S	2-24	81	CCC09	20R9	PLUGS, D-TYPE				
MAR10S	2-24	82	CCC09	20R4	2 ROWS				
MAR160S	2-26	44	CCC09	20R6	J9PD	2-124	75		20P18
MAR90S	2-26	36	CCC09	20R5	J9P90	2-124	76		20P18
MA10S	2-26	11	CCC09	20R3	CTF-FABRI-TEK INCORPORATED (CTF)				
MM-22S (A)	2-24	49	CCC02	0R3a	SOCKETS, DIN				
MM-22S (B)	2-24	50	CCC02	0R3a	3 ROWS				
MR14S	2-26	12	CCC09	20R7	FABRI-DIN (B)	2-70	72		999R4
M10S	2-26	13	CCC09	20R2	PLUGS, DIN				
145-5-7R	2-24	28	CCC01	20R1	3 ROWS				
600-1-9S	2-26	7			FABRI-DIN (A)	2-144	81		999P9
615-1-7S	2-24	32			CW INDUSTRIES (CWI)				
3 ROWS					SOCKETS, HEADER				
CSMM (C)	2-26	52	CCC15	0R3a	2 ROWS, PITCH MISC.				
CSMM4 (B)	2-26	61	CCC15	20R18	MS	2-38	45		81R1
MM-22S (C)	2-26	70	CCC02	0R3a	PLUGS, HEADER				
25-36S	2-26	59		20R14	2 ROWS, PITCH MISC.				
610-1-13S	2-26	81			MH (A)	2-114	18		18P1
4 ROWS					MH (B)	2-114	19		81P1
CSMM (A)	2-28	21	CCC15	0R3a	DALE ELECTRONICS, INC. (DEI)				
CSMM (D)	2-28	22	CCC15	0R3a	SOCKETS, EDGE CARD				
CSMM4 (C)	2-28	23	CCC15	20R16	2 ROWS, SINGLE READOUT, PITCH .156" (3.95mm)				
MM-22S (D)	2-28	24	CCC02	0R3a	EBT156 (A)	2-4	50	DEI06	42R7
W7S	2-28	34		0R3b	EBT156 (B)	2-4	51	DEI06	42R7
145-100S	2-28	33		0R3b	EB7 (A)	2-4	52	DEI03	42R4
4-20S	2-28	35		0R3b	2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)				
6 ROWS					EB4 (A)	2-8	17	DEI01	42R2
CMB59S	2-28	39	CCC09	20R10	EB4 (B)	2-8	18	DEI01	42R2
7 ROWS					2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm)				
CSMM75	2-28	43	CCC15	0R2a	EB7 (B)	2-12	1	DEI04	42R5
MM75-22S	2-28	44	CCC02	0R2a	EB8	2-10	63	DEI05	42R6
25-70S	2-28	42	CCC14	20R15	2 ROWS, DOUBLE READOUT, PITCH MISC.				
SOCKETS, D-TYPE					EB6 (A)	2-14	70	DEI02	42R3
2 ROWS					EB6 (B)	2-14	71	DEI02	42R3
J9S	2-50	18		20R19	SOCKETS, HEADER				
PLUGS, TWO-PIECE					2 ROWS, PITCH MISC.				
1 ROW					300 (C)	2-38	39		42P1
ML10P	2-80	40	CCC09	20P11	PLUGS, HEADER				
2 ROWS					2 ROWS, PITCH MISC.				
LPST600-1 (A)	2-84	55			300 (A)	2-112	79		42P1
MARP10P	2-84	44	CCC09	20P5	300 (B)	2-112	80		42P1
MARP160P	2-86	1	CCC09	20P8	DUMOND ENTERPRISE CO., LTD. (DECC)				
MARP90P	2-84	76	CCC09	20P7	SOCKETS, EDGE CARD				
MAR14P	2-84	58	CCC09	20P9a	1 ROW, SINGLE READOUT, PITCH .156" (3.95mm)				
MA10P (A)	2-84	59	CCC09	20P4	WK-S	2-2	42		0R15k
MA10P (B)	2-84	60	CCC09	20P4					
MM-22P (A)	2-84	16	CCC02	0P4a					
MM-22P (B)	2-84	17	CCC02	0P4a					
MRP10P	2-84	45	CCC09	20P5a					
MR14P	2-84	61	CCC09	20P9					
M10P (A)	2-84	62	CCC09	20P3					
M10P (B)	2-84	63	CCC09	20P3					
SMM (A)	2-84	18	CCC15	0P4a					

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2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)					2 ROWS, PITCH MISC.				
122	2-6	80		0R12r	68827	2-114	63		121H1
SOCKETS, TWO-PIECE					69957	2-114	64		12H2
1 ROW					EBY COMPANY, A PULLMAN COMPANY (EBY)				
109	2-20	33			SOCKETS, EDGE CARD				
111	2-20	34			2 ROWS, SINGLE READOUT, PITCH .156" (3.95mm)				
112	2-20	44		84P3	CE SERIES	2-4	62	EBY10	41R8
2 ROWS					2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)				
123	2-24	76		0R22j	CK SERIES (A)	2-8	85	EBY04	41R2
SOCKETS, D-TYPE					CK SERIES (B)	2-8	86	EBY04	41R2
2 ROWS					CY SERIES (A)	2-10	43	EBY05	41R3
101F	2-46	12		0R46c	CY SERIES (B)	2-10	44	EBY05	41R3
103F	2-46	13		0G01	2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm)				
103FLK	2-46	14		0G01	CL SERIES (A)	2-12	52	EBY09	41R7
119-36F	2-44	16		84R3	CL SERIES (B)	2-12	53	EBY09	41R7
119F	2-42	84		0R40k	CT SERIES (A)	2-12	34	EBY08	41R6
119FS	2-42	85		0G01	CT SERIES (B)	2-12	35	EBY08	41R6
SOCKETS, CENTRONICS					2 ROWS, DOUBLE READOUT, PITCH MISC.				
2 ROWS					CG SERIES	2-16	74	EBY06	41R4
121F	2-76	8		0G03	CW SERIES	2-16	75	EBY07	41R5
143F	2-76	24		0G03	SOCKETS, HEADER				
PLUGS, HEADER					1 ROW, PITCH .100" (2.54mm)				
1 ROW, PITCH .100" (2.54mm)					BV SERIES (A)	2-30	87	EBY18	0R35h
125	2-90	1		0H1al	BV SERIES (B)	2-30	88	EBY18	0R35h
127	2-90	2		0H2av	2 ROWS, PITCH .100" (2.54mm)				
1 ROW, PITCH MISC.					BC SERIES (A)	2-38	11	EBY17	0R36f
110	2-96	66			BC SERIES (B)	2-38	12	EBY17	0R36f
112PR	2-96	85		0H2aw	BC SERIES (C)	2-38	13	EBY17	0R36f
112PS	2-98	1		0H1am	BC SERIES (D)	2-38	14	EBY17	0R36f
112R	2-98	2		0H6d	BC SERIES (E)	2-38	8	EBY17	0R36f
112S	2-98	3		0H5d	BH SERIES (A)	2-34	59	EBY19	0R36g
114	2-96	67			BH SERIES (B)	2-34	60	EBY19	0R36g
2 ROWS, PITCH .100" (2.54mm)					2 ROWS, PITCH MISC.				
123R	2-102	84		0H22g	IS SERIES (A)	2-38	53	EBY20	31R1
123S	2-102	85		0H25h	IS SERIES (B)	2-38	54	EBY20	31R1
126	2-100	16		0H3ad	SOCKETS, D-TYPE				
128	2-100	17		0H4ao	2 ROWS				
PLUGS, D-TYPE					DF25-S12-01				
2 ROWS					IF SERIES (B)	2-50	3	EBY16	0G01
101M	2-120	79		0P10m	MISER-D (B)	2-46	15	EBY02	0G01
103M	2-120	80		0P108	ORIGINAL-D (B)	2-46	16	EBY01	0G01
103MLK	2-120	81		0P10i	ORIGINAL-D (D)	2-46	17	EBY01	0G01
119-36M	2-118	85		84P2	PLASTIC-D (B)	2-46	18	EBY03	0G01
119M	2-118	69		0P19i	3 ROWS				
119MS	2-118	70		0G01	MISER-D (D)	2-50	74	EBY02	0G01
PLUGS, CENTRONICS					ORIGINAL-D (F)	2-50	75	EBY01	0G01
2 ROWS					ORIGINAL-D (H)	2-50	76	EBY01	0G01
143M	2-150	13		84P1	SOCKETS, DIN				
DUPONT CONNECTOR SYSTEMS/BERT ELECT. (DUP)					2 ROWS				
SOCKETS, TWO-PIECE					1500-008				
1 ROW					2-64	49			999R4
67096	2-20	45		12R3	PLUGS, HEADER				
68684	2-20	68		12R4a	2 ROWS, PITCH .100" (2.54mm)				
68685	2-20	69		12R4a	IB SERIES (A)	2-108	22	EBY12	41P3
2 ROWS					IB SERIES (B)	2-108	23	EBY12	41P3
68682	2-26	28		12R4b	IG SERIES (A)	2-104	86	EBY11	41P2
68683	2-26	29		12R4b	IG SERIES (B)	2-104	87	EBY11	41P2
SOCKETS, HEADER					IH SERIES (A)	2-104	88	EBY11	41P2
2 ROWS, PITCH .100" (2.54mm)					IH SERIES (B)	2-106	1	EBY11	41P2
65001	2-36	3		12R1	2 ROWS, PITCH MISC.				
65971	2-36	4		12R1	1500-004-01				
66944	2-36	5		12R1	2-112	81			41P4
66945	2-36	6		12R1	PLUGS, D-TYPE				
67207	2-36	7		12R1	2 ROWS				
67208	2-36	8		12R1	IF SERIES (A)	2-124	60	EBY16	0G01
68046	2-38	3		12R2	MISER-D (A)	2-120	82	EBY02	0G01
68402	2-36	1		12R2	ORIGINAL-D (A)	2-120	83	EBY01	0G01
2 ROWS, PITCH MISC.					ORIGINAL-D (C)	2-120	84	EBY01	0G01
68822	2-38	84		12R5	PLASTIC-D (A)	2-120	85	EBY03	0G01
68825	2-38	85		12R6	3 ROWS				
PLUGS, TWO-PIECE					MISER-D (C)	2-126	47	EBY02	0G01
1 ROW					ORIGINAL-D (E)	2-126	48	EBY01	0G01
67094	2-80	41		12P1	ORIGINAL-D (G)	2-126	49	EBY01	0G01
67095	2-80	42		12P1	TRANSITION, PC BOARD MOUNT				
2 ROWS					2 ROWS				
					IK SERIES	2-156	85	EBY15	41P7

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4 ROWS IP SERIES	2-158	29	EBY14	41P6					
TRANSITION, SOCKET MOUNT									
DIP SOCKET									
ID SERIES (A)	2-160	13	EBY13	41P5					
ID SERIES (B)	2-160	35	EBY13	41P5					
EDAC, INC. (EDAC)									
SOCKETS, EDGE CARD									
1 ROW, SINGLE READOUT, PITCH .100" (2.54mm)									
245 (A)	2-2	5	EDAC01	OR13i	337 (B)	2-12	61	EDAC01	OR17ag
340 (A)	2-2	6	EDAC01	OR13k	338 (B)	2-12	19	EDAC01	OR17z
341 (A)	2-2	18	EDAC01	OR17v	355	2-12	62	EDAC01	OR17ac
342 (A)	2-2	16	EDAC01	OR17t	357 (B)	2-14	7	EDAC01	OR17ad
345 (A)	2-2	23	EDAC02	OR17u	368 (A)	2-10	59	EDAC01	26R05
391 (A)	2-2	19	EDAC01	OR17v	368 (B)	2-10	60	EDAC01	26R04
392 (A)	2-2	17	EDAC01	OR17t	387 (B)	2-12	63	EDAC01	OR17ag
395 (A)	2-2	24	EDAC02	OR17u	2 ROWS, DOUBLE READOUT, PITCH MISC.				
1 ROW, SINGLE READOUT, PITCH .156" (3.95mm)									
207 (A)	2-2	43	EDAC01	OR17z	243 (B)	2-14	28	EDAC01	26R07
237 (A)	2-2	61	EDAC01	OR17aa	246 (B)	2-14	72	EDAC01	OR17x
307 (A)	2-4	2	EDAC01	OR17ad	329 (B)	2-14	54	EDAC01	OR17ah
308 (A)	2-4	3	EDAC01	OR17ad	346 (B)	2-16	76	EDAC01	OR17y
310 (A)	2-2	66	EDAC01	OR17ae	349 (B)	2-16	10	EDAC01	OR13i
322 (A)	2-2	44	EDAC01	26R01	349 (D)	2-16	11	EDAC01	OR13j
324 (A)	2-2	38	EDAC01	26R02	379 (B)	2-14	55	EDAC01	OR17ah
333 (A)	2-2	77	EDAC01	OR17af	396 (B)	2-16	77	EDAC01	OR17y
336 (A)	2-2	78	EDAC01	OR13r	399 (B)	2-16	12	EDAC01	OR13i
337 (A)	2-2	79	EDAC01	OR17ag	399 (D)	2-16	13	EDAC01	OR13j
357 (A)	2-4	4	EDAC01	OR17ad	841	2-14	52		26P05
387 (A)	2-2	80	EDAC01	OR17ag	SOCKETS, TWO-PIECE				
1 ROW, SINGLE READOUT, PITCH MISC.					2 ROWS				
246 (A)	2-4	13	EDAC01	OR17x	408	2-24	37	EDAC03	26R08
329 (A)	2-4	10	EDAC01	OR17ah	415	2-24	38	EDAC03	26R09
346 (A)	2-4	30	EDAC01	OR17y	424	2-24	33	EDAC03	26R10
349 (A)	2-4	15	EDAC01	OR13l	438	2-24	39	EDAC03	26R11
349 (C)	2-4	16	EDAC01	OR13l	SOCKETS, DIN				
379 (A)	2-4	11	EDAC01	OR17ah	1 ROW				
384	2-4	9	EDAC01	OR17w	462 (A)	2-56	39	EDAC04	999R2
396 (A)	2-4	31	EDAC01	OR17y	462 (C)	2-56	40	EDAC04	999R2
399 (A)	2-4	17	EDAC01	OR13l	464 (A)	2-56	41	EDAC04	999R4
399 (C)	2-4	18	EDAC01	OR13l	464 (C)	2-56	42	EDAC04	999R4
2 ROWS, SINGLE READOUT, PITCH .156" (3.95mm)					2 ROWS				
306 (A)	2-4	70	EDAC01	OR17ac	494 (A)	2-56	43	EDAC04	999R10
306 (B)	2-4	71	EDAC01	OR17ac	494 (D)	2-56	44	EDAC04	999R10
309	2-4	72	EDAC01	OR17ac	494 (E)	2-56	45	EDAC04	999R10
316	2-4	73	EDAC01	OR17ac	496 (A)	2-56	46	EDAC04	999R4
317 (A)	2-4	74	EDAC01	OR13o	496 (D)	2-56	47	EDAC04	999R4
321 (A)	2-4	48	EDAC01	OR13p	496 (E)	2-56	48	EDAC04	999R4
323 (A)	2-4	75	EDAC01	OR13q	2 ROWS				
330 (A)	2-4	49	EDAC01	26R03	462 (B)	2-64	50	EDAC04	999R2
338 (A)	2-4	53	EDAC01	OR17z	464 (B)	2-64	51	EDAC04	999R4
356 (A)	2-4	76	EDAC01	OR17ac	494 (B)	2-64	52	EDAC04	999R10
356 (B)	2-4	77	EDAC01	OR17ac	494 (F)	2-64	53	EDAC04	999R10
2 ROWS, SINGLE READOUT, PITCH MISC.					3 ROWS				
243 (A)	2-6	8	EDAC01	26R06	494 (G)	2-64	54	EDAC04	999R10
2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)					2 ROWS				
245 (B)	2-8	19	EDAC01	OR13h	496 (B)	2-64	55	EDAC04	999R4
340 (B)	2-8	20	EDAC01	OR13j	496 (F)	2-64	56	EDAC04	999R4
341 (B)	2-10	25	EDAC01	OR17v	496 (G)	2-64	57	EDAC04	999R4
342 (B)	2-8	87	EDAC01	OR17t	3 ROWS				
345 (B)	2-10	34	EDAC02	OR17u	494 (C)	2-70	73	EDAC04	999R10
391 (B)	2-10	26	EDAC01	OR17v	496 (C)	2-70	74	EDAC04	999R4
392 (B)	2-8	88	EDAC01	OR17t	PLUGS, TWO-PIECE				
395 (B)	2-10	35	EDAC02	OR17u	2 ROWS				
2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm)					2 ROWS				
205	2-12	16	EDAC01	OR17z	417 (A)	2-84	52	EDAC03	26P01
207 (B)	2-12	17	EDAC01	OR17z	417 (B)	2-84	86	EDAC03	26P01
237 (B)	2-12	27	EDAC01	OR17aa	417 (C)	2-84	53	EDAC03	26P01
303	2-12	54	EDAC01	OR17ab	417 (D)	2-84	87	EDAC03	26P01
305	2-12	55	EDAC01	OR17ac	418 (A)	2-84	54	EDAC03	26P02
307 (B)	2-14	5	EDAC01	OR17ad	418 (B)	2-84	88	EDAC03	26P02
308 (B)	2-14	6	EDAC01	OR17ad	421	2-84	5	EDAC03	26P03
310 (B)	2-12	32	EDAC01	OR17ae	422	2-84	21	EDAC03	26P04
315	2-12	56	EDAC01	OR17ac	423	2-84	6	EDAC03	26R12
317 (B)	2-12	57	EDAC01	OR13o	PLUGS, DIN				
321 (B)	2-10	73	EDAC01	OR13p	1 ROW				
322 (B)	2-12	18	EDAC01	26R01	461 (A)	2-130	43	EDAC04	999P3
323 (B)	2-12	58	EDAC01	OR13q	461 (C)	2-130	44	EDAC04	999P3
324 (B)	2-10	81	EDAC01	26R02	463 (A)	2-130	45	EDAC04	999P3
330 (B)	2-10	74	EDAC01	26R03	463 (C)	2-130	46	EDAC04	999P3
333 (B)	2-12	59	EDAC01	OR17af	493 (A)	2-130	47	EDAC04	999P3
336 (B)	2-12	60	EDAC01	OR13r	493 (D)	2-130	48	EDAC04	999P9
					2 ROWS				
					1 ROW				
					2 ROWS				
					3 ROWS				

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495 (C)	2-144	83	EDAC04	999P3	8457-2C64F (C)	2-64	67	ELO28	999R4
ELCO CORP./CONNECTOR DIV. (ELO)					8457B32F (C)	2-60	41	ELO26	999R2
SOCKETS, TWO-PIECE					8457B32F (D)	2-60	42	ELO26	999R2
2 ROWS					8457B64F	2-64	68	ELO26	999R2
7008	2-24	40	ELO03	121R2	8457C32F (C)	2-60	43	ELO28	999R4
7009	2-24	29	ELO04	121R3	8457C32F (D)	2-60	44	ELO28	999R4
7015	2-24	56	ELO05	121R4	8457C32F (E)	2-60	45	ELO28	999R4
7020	2-24	55	ELO06	121R5	8457C32F (F)	2-60	46	ELO28	999R4
7024	2-24	34	ELO12	121R6	8457C64F (A)	2-64	69	ELO28	999R4
7038	2-24	41	ELO13	121R7	8457C64F (B)	2-64	70	ELO28	999R4
8129 (A)	2-22	38	ELO14	121R8	8457C64F (C)	2-64	71	ELO28	999R4
8129 (C)	2-22	39	ELO14	121R8	8458B32F (C)	2-60	47	ELO35	999R2
8219 (A)	2-24	86	ELO01	121R1	8458B32F (D)	2-60	48	ELO35	999R2
8221 (A)	2-24	87	ELO02	121R1	8458B64F	2-64	72	ELO35	999R2
8223 (A)	2-26	16	ELO16	121R10	8458C32F (C)	2-60	49	ELO36	999R4
8223 (C)	2-26	17	ELO16	121R10	8458C32F (D)	2-60	50	ELO36	999R4
8229 (A)	2-22	40	ELO15	121R9	8458C32F (E)	2-60	51	ELO36	999R4
8229 (C)	2-22	41	ELO15	121R9	8458C32F (F)	2-60	52	ELO36	999R4
					8458C64F (A)	2-64	73	ELO36	999R4
SOCKETS, HEADER					8458C64F (B)	2-64	74	ELO36	999R4
1 ROW, PITCH MISC.					8458C64F (C)	2-64	75	ELO36	999R4
ESP (A)	2-32	48	ELO18	121R12	8467-2C32F (C)	2-60	53	ELO34	999R4
ESP (E)	2-34	37	ELO18	121R12	8467-2C32F (D)	2-60	54	ELO34	999R4
					8467-2C32F (E)	2-60	55	ELO34	999R4
2 ROWS, PITCH .100" (2.54mm)					8467-2C32F (F)	2-60	56	ELO34	999R4
9082 (A)	2-38	24	ELO19	121R13	8467-2C64F (A)	2-64	76	ELO34	999R4
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2 ROWS					8467-2C64M (B)	2-64	80	ELO33	999P3
ECR (A)	2-46	21	ELO17	121R11	8467-2C64M (C)	2-64	81	ELO33	999P3
					8467C32F (C)	2-60	57	ELO34	999R4
3 ROWS					8467C32F (D)	2-60	58	ELO34	999R4
ECR (C)	2-52	83	ELO17	121R11	8467C32F (E)	2-60	59	ELO34	999R4
					8467C32F (F)	2-60	60	ELO34	999R4
SOCKETS, DIN					8467C64F (A)	2-64	82	ELO34	999R4
1 ROW					8467C64F (B)	2-64	83	ELO34	999R4
8438B32F (A)	2-56	49	ELO37	999R2	8467C64F (C)	2-64	84	ELO34	999R4
8438B32F (B)	2-56	50	ELO37	999R2	8477-2R32F (C)	2-60	61	ELO30	999R10
8438C32F (A)	2-56	51	ELO38	999R4	8477-2R32F (D)	2-60	62	ELO30	999R10
8438C32F (B)	2-56	52	ELO38	999R4	8477-2R32F (E)	2-60	63	ELO30	999R10
8447E32F (A)	2-56	53	ELO40	999R25	8477-2R32F (F)	2-60	64	ELO30	999R10
8447E32F (B)	2-56	54	ELO40	999R25	8477-2R48F (A)	2-62	70	ELO30	999R10
8457-2B32F (A)	2-56	55	ELO26	999R2	8477-2R48F (B)	2-62	71	ELO30	999R10
8457-2B32F (B)	2-56	56	ELO26	999R2	8477-2R64F (A)	2-64	85	ELO30	999R10
8457-2C32F (A)	2-56	57	ELO28	999R4	8477-2R64F (B)	2-64	86	ELO30	999R10
8457-2C32F (B)	2-56	58	ELO28	999R4	8477-2R64F (C)	2-64	87	ELO30	999R10
8457B32F (A)	2-56	59	ELO26	999R2					
8457B32F (B)	2-56	60	ELO26	999R2	3 ROWS				
8457C32F (A)	2-56	61	ELO28	999R4	8438B64F	2-70	30	ELO37	999R2
8457C32F (B)	2-56	62	ELO28	999R4	8438C48F (A)	2-68	59	ELO38	999R4
8458B32F (A)	2-56	63	ELO35	999R2	8438C48F (B)	2-68	60	ELO38	999R4
8458B32F (B)	2-56	64	ELO35	999R2	8438C96F	2-70	77	ELO38	999R4
8458C32F (A)	2-56	65	ELO36	999R4	8447E48F (A)	2-68	61	ELO40	999R25
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8467-2C32F (A)	2-56	67	ELO34	999R4	8447E96F	2-70	78	ELO40	999R25
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8467-2C32M (A)	2-56	69	ELO33	999P3	8457-2C48F (B)	2-68	64	ELO28	999R4
8467-2C32M (B)	2-56	70	ELO33	999P3	8457-2C96F	2-70	79	ELO28	999R4
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8477-2R32F (A)	2-56	73	ELO30	999R10	8457C96F	2-70	80	ELO28	999R4
8477-2R32F (B)	2-56	74	ELO30	999R10	8458C48F (A)	2-68	67	ELO36	999R4
					8458C48F (B)	2-68	68	ELO36	999R4
					8458C96F	2-70	81	ELO36	999R4
					8467-2C48F (A)	2-68	69	ELO34	999R4
					8467-2C48F (B)	2-68	70	ELO34	999R4
					8467-2C96F	2-70	82	ELO34	999R4
					8467-2C96M	2-70	83	ELO33	999P3
					8467C48F (A)	2-68	71	ELO34	999R4
					8467C48F (B)	2-68	72	ELO34	999R4
					8467C96F	2-70	84	ELO34	999R4
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					20-8477-2	2-74	8	ELO30	121R28
					9083 (A)	2-74	9	ELO21	121R15
					9083 (B)	2-74	12	ELO21	121R16
					9083 (C)	2-74	14	ELO21	121R17
					9083 (D)	2-74	10	ELO22	121R18
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7021	2-84	7	ELO09	121P3	8467C64M (A)	2-140	4	ELO33	999P3
7022	2-84	23	ELO10	121P4	8467C64M (B)	2-140	5	ELO33	999P3
7023	2-84	8	ELO11	121P5	8467C64M (C)	2-140	6	ELO33	999P3
8129 (B)	2-82	20	ELO14	121P6	8468C32M (C)	2-134	71	ELO42	999P3
8129 (D)	2-82	21	ELO14	121P6	8468C32M (D)	2-134	72	ELO42	999P3
8219 (B)	2-84	48	ELO01	121P1	8468C32M (E)	2-134	73	ELO42	999P3
8219 (C)	2-84	49	ELO01	121P2	8468C32M (F)	2-134	74	ELO42	999P3
8221 (B)	2-84	50	ELO02	121P1	8468C64M (A)	2-140	7	ELO42	999P3
8221 (C)	2-84	51	ELO02	121P2	8468C64M (B)	2-140	8	ELO42	999P3
8223 (B)	2-84	68	ELO16	121P8	8468C64M (C)	2-140	9	ELO42	999P3
8223 (D)	2-84	69	ELO16	121P8	8477R32M (A)	2-134	75	ELO29	999P9
8229 (B)	2-82	22	ELO15	121P7	8477R32M (B)	2-134	76	ELO29	999P9
8229 (D)	2-82	23	ELO15	121P7	8477R32M (C)	2-134	77	ELO29	999P9
PLUGS, HEADER									
1 ROW, PITCH MISC.									
ESP (B)	2-96	14	ELO18	121P10	8477R32M (D)	2-134	78	ELO29	999P9
ESP (C)	2-96	15	ELO18	121P10	8477R32M (E)	2-134	79	ELO29	999P9
ESP (D)	2-96	16	ELO18	121P10	8477R32M (F)	2-134	80	ELO29	999P9
ESP (F)	2-100	4	ELO18	121P10	8477R64M (A)	2-140	10	ELO29	999P9
ESP (G)	2-100	5	ELO18	121P10	8478R32M (C)	2-134	81	ELO41	999P9
ESP (H)	2-100	6	ELO18	121P10	8478R32M (E)	2-134	82	ELO41	999P9
PLUGS, D-TYPE									
2 ROWS									
ECR (B)	2-120	88	ELO17	121P9	8478R32M (F)	2-134	83	ELO41	999P9
3 ROWS									
ECR (D)	2-128	55	ELO17	121P9	8478R632M (D)	2-134	84	ELO41	999P9
PLUGS, DIN									
1 ROW									
8447E32M (A)	2-130	53	ELO39	999P24	8478R64M (A)	2-140	11	ELO41	999P9
8447E32M (B)	2-130	54	ELO39	999P24	8478R64M (B)	2-140	12	ELO41	999P9
8457-2B32M (A)	2-130	55	ELO25	999P1	8478R64M (C)	2-140	13	ELO41	999P9
8457-2B32M (B)	2-130	56	ELO25	999P1	3 ROWS				
8457-2C32M (A)	2-130	57	ELO27	999P3	8447E48M (A)	2-142	58	ELO39	999P24
8457-2C32M (B)	2-130	58	ELO27	999P3	8447E48M (B)	2-142	59	ELO39	999P24
8457B32M (A)	2-130	59	ELO25	999P1	8447E96M	2-144	85	ELO39	999P24
8457B32M (B)	2-130	60	ELO25	999P1	8457-2C48M (A)	2-142	60	ELO27	999P3
8457C32M (A)	2-130	61	ELO27	999P3	8457-2C48M (B)	2-142	61	ELO27	999P3
8457C32M (B)	2-130	62	ELO27	999P3	8457-2C96M	2-144	86	ELO27	999P3
8467C32M (A)	2-130	63	ELO33	999P3	8457C48M (A)	2-142	62	ELO27	999P3
8467C32M (B)	2-130	64	ELO33	999P3	8457C48M (B)	2-142	63	ELO27	999P3
8468C32M (A)	2-130	65	ELO42	999P3	8457C96M	2-144	87	ELO27	999P3
8468C32M (B)	2-130	66	ELO42	999P3	8467-2C48M (A)	2-142	64	ELO33	999P3
8477R64M (B)	2-132	10	ELO29	999P9	8467-2C48M (B)	2-142	65	ELO33	999P3
8477R64M (C)	2-132	11	ELO29	999P9	8467C48M (A)	2-142	66	ELO33	999P3
8478R32M (A)	2-130	67	ELO41	999P9	8467C48M (B)	2-142	67	ELO33	999P3
8478R32M (B)	2-130	68	ELO41	999P9	8467C96M	2-144	88	ELO33	999P3
PLUGS, HIGH PIN COUNT									
3 ROWS									
					8468C48M (A)	2-142	68	ELO42	999P9
					8468C48M (B)	2-142	69	ELO42	999P9
					8468C96M	2-146	1	ELO42	999P3
					8477R48M (A)	2-142	70	ELO29	999P9
					8477R48M (B)	2-142	71	ELO29	999P9
					8477R96M	2-146	2	ELO29	999P9
					8478R48M (A)	2-142	72	ELO41	999P9
					8478R48M (B)	2-142	73	ELO41	999P9
					8478R96M	2-146	3	ELO41	999P9
					PLUGS, HIGH PIN COUNT				
					3 ROWS				
					10-8457	2-148	7	ELO27	121P11
					10-8457-2	2-148	8	ELO07	121P11
					10-8477	2-148	9	ELO29	121P12
					10-8478	2-148	10	ELO41	121P14
					4 ROWS				
					10-8414 (A)	2-148	21	ELO31	121P13
					10-8414 (B)	2-148	22	ELO31	121P13
2 ROWS									
8447E32M (C)	2-134	47	ELO39	999P24	ELECTRONIC MODULAR SYSTEMS, LTD. (EMSB)				
8447E32M (D)	2-134	48	ELO39	999P24	SOCKETS, EDGECARD				
8447E32M (E)	2-134	49	ELO39	999P24	2 ROWS, DOUBLE READOUT, PITCH MISC.				
8447E32M (F)	2-134	50	ELO39	999P24	20 (A)				
8447E64M (A)	2-138	81	ELO39	999P24	20 (B)				
8447E64M (B)	2-138	82	ELO39	999P24	20 (C)				
8447E64M (C)	2-138	83	ELO39	999P24	20 (D)				
8457-2B32M (C)	2-134	51	ELO25	999P1	22 (A)				
8457-2B32M (D)	2-134	52	ELO25	999P1	22 (B)				
8457-2B64M	2-138	84	ELO25	999P1	24				
8457-2C32M (C)	2-134	53	ELO27	999P3	SOCKETS, D-TYPE				
8457-2C32M (D)	2-134	54	ELO27	999P3	2 ROWS				
8457-2C32M (E)	2-134	55	ELO27	999P3	13 (B)				
8457-2C32M (F)	2-134	56	ELO27	999P3	2-50 5 EMSB07 0G01				
8457-2C64M (A)	2-138	85	ELO27	999P3	SOCKETS, DIN				
8457-2C64M (B)	2-138	86	ELO27	999P3	2 ROWS				
8457-2C64M (C)	2-138	87	ELO27	999P3	41-1 (A)				
8457B32M (C)	2-134	57	ELO25	999P1	41-1 (B)				
8457B32M (D)	2-134	58	ELO25	999P1	2-64 88 EMSB09 999R2				
8457B64M	2-138	88	ELO25	999P1	2-66 1 EMSB09 999R2				
8457C32M (C)	2-134	59	ELO27	999P3	3 ROWS				
8457C32M (D)	2-134	60	ELO27	999P3	41-2 (A)				
8457C32M (E)	2-134	61	ELO27	999P3	2-70 86 EMSB09 999R4				
8457C32M (F)	2-134	62	ELO27	999P3	41-2 (B)				
8457C64M (A)	2-140	1	ELO27	999P3	2-70 87 EMSB09 999R4				
8457C64M (B)	2-140	2	ELO27	999P3					
8457C64M (C)	2-140	3	ELO27	999P3					
8467-2C32M (C)	2-134	63	ELO33	999P3					
8467-2C32M (D)	2-134	64	ELO33	999P3					
8467-2C32M (E)	2-134	65	ELO33	999P3					

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PLUGS, D-TYPE					PLUGS, D-TYPE				
2 ROWS					2 ROWS				
12 (A)	2-122	1	EMSB06		MD (A)	2-120	86	EFB11	OG01
12 (B)	2-122	2	EMSB06		PD (A)	2-120	87	EFB11	OG01
13 (A)	2-124	62	EMSB07	OG01	TP8500M	2-124	61		OG01
3 ROWS					PLUGS, DIN				
12 (C)	2-126	50	EMSB06		1 ROW				
12 (D)	2-126	51	EMSB06		DMA (B)	2-132	14	EFB09	999P1
PLUGS, DIN					DMA (C)	2-132	15	EFB09	999P1
2 ROWS					DMA (D)	2-132	16	EFB09	999P1
42-1 (A)	2-140	14	EMSB10	999P1	DMA (H)	2-132	17	EFB09	999P1
42-1 (B)	2-140	15	EMSB10	999P1	DMA (I)	2-132	18	EFB09	999P1
3 ROWS					DMA (J)	2-132	19	EFB09	999P1
42-2 (A)	2-146	4	EMSB10	999P9	DMA (N)	2-132	20	EFB09	999P1
42-2 (B)	2-146	5	EMSB10	999P9	DMA (O)	2-132	21	EFB09	999P1
					DMA (P)	2-132	22	EFB09	999P1
ELECTROVERT, INC. (EVT)					2 ROWS				
SOCKETS, TWO-PIECE					DMA (E)	2-140	73	EFB09	999P1
1 ROW					DMA (F)	2-140	74	EFB09	999P1
8140SS (A)	2-20	46		109R2	DMA (G)	2-140	75	EFB09	999P1
8140SS (B)	2-20	47		109R3	DMA (K)	2-140	76	EFB09	999P1
8141SS	2-20	48		109R2	DMA (L)	2-140	77	EFB09	999P1
SOCKETS, HEADER					DMA (M)	2-140	78	EFB09	999P1
1 ROW, PITCH MISC.					DMA (Q)	2-140	79	EFB09	999P1
8113 (B)	2-34	24		109R5	DMA (R)	2-140	80	EFB09	999P1
8113 (C)	2-34	25		109R1	DMA (S)	2-140	81	EFB09	999P1
PLUGS, HEADER					430 (B)	2-134	44	EFB03	999P3
1 ROW, PITCH MISC.					430 (C)	2-134	45	EFB03	999P3
8113 (A)	2-98	37		109P1	430 (D)	2-134	46	EFB03	999P3
ELFAB CORPORATION (EFB)					3 ROWS				
SOCKETS, EDGE CARD					DMA (A)	2-144	84	EFB08	999P3
2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)					430 (A)	2-142	24	EFB03	999P3
Value-Pac 1020	2-8	56	EFB05	OG01	PLUGS, HIGH PIN COUNT				
2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm)					4 ROWS				
Value-Pac 1562	2-12	2	EFB05	OG01	40-43 (A)	2-148	15	EFB01	OG01
2 ROWS, DOUBLE READOUT, PITCH MISC.					40-43 (B)	2-148	16	EFB01	OG01
EP1010	2-14	15		103R6a	40-43 (C)	2-148	17	EFB01	OG01
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EP2020	2-14	21		103R6g	Tele-Pac (A)	2-150	14	EFB04	OG01
Value-Pac 1225	2-16	9	EFB05	OG01	ENTRELEC, DIV. OF COGENEL (ENT)				
SOCKETS, D-TYPE					SOCKETS, TWO-PIECE				
2 ROWS					1 ROW				
MD (B)	2-46	19	EFB11	OG01	CPE5 (A)	2-20	25		78R1
PD (B)	2-46	20	EFB11	OG01	CPE5 (B)	2-20	26		78R1
TP8500F	2-50	4		OG01	P2,5 (C)	2-20	7		78R2
SOCKETS, DIN					P2,5 (D)	2-20	8		78R2
2 ROWS					PLUGS, TWO-PIECE				
431 (B)	2-60	19	EFB03	999R4	1 ROW				
431 (C)	2-60	20	EFB03	999R4	P1,5 (A)	2-80	43		78P2
431 (D)	2-60	21	EFB03	999R4	P1,5 (B)	2-80	44		78P2
433 (B)	2-60	22	EFB03	999R4	P2,5 (A)	2-80	3		78P1
433 (C)	2-60	23	EFB03	999R4	P2,5 (B)	2-80	4		78P1
433 (D)	2-60	24	EFB03	999R4	P2,5 (C)	2-80	5		78P1
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40-44 (A)	2-74	16	EFB02	OG01	TMC (D)	2-50	7		
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40-44 (D)	2-74	19	EFB02	OG01	TYPE H11F	2-56	4		999R19
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FCN-702Q/G	2-114	29		34H2		BRP300S	2-92	63	GAR02	0H2e	
FCN-704P/F	2-114	30		34H1							
FCN-705P/F	2-114	31		34H1		2 ROWS, PITCH .100" (2.54mm)					
						BRP200D	2-102	22	GAR02	0H3g	
						BRP300D	2-102	23	GAR02	0H4o	
PLUGS, D-TYPE						PLUGS, DIN					
2 ROWS						3 ROWS					
FCN774 (A)	2-122	3		0G01		C64M	2-144	30		999P3	
FCN775 (A)	2-122	4		0G01		C96M	2-146	7		999P3	
FCN777 (A)	2-122	5		0G01							
PLUGS, CENTRONICS						GC ELECTRONICS (GCE)					
2 ROWS						SOCKETS, EDGE CARD					
FCN781	2-150	15		0G03		1 ROW, SINGLE READOUT, PITCH .156" (3.95mm)					
FCN787 (A)	2-150	16		0G03		41 (N)	2-2	45		116R4	
FUJITSU LTD. (FCAJ)											
SOCKETS, EDGE CARD											
2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)						2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)					
FCN767E	2-6	81		34R5		41 (R)	2-6	82		116R7	
FCN767J (A)	2-8	21		34R4		41 (S)	2-8	1		116R7	
FCN767J (B)	2-8	22		34R4		2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm)					
						41 (O)	2-10	61		116R5	
						41 (T)	2-12	21		0R13g	
SOCKETS, TWO-PIECE											
2 ROWS						2 ROWS, DOUBLE READOUT, PITCH MISC.					
FCN781P	2-24	9		0G03		41 (P)	2-14	73		116R6	
						41 (Q)	2-14	74		116R6	
SOCKETS, HEADER						SOCKETS, TWO-PIECE					
1 ROW, PITCH .100" (2.54mm)						2 ROWS					
FCN723J (A)	2-32	1		34R9		41 (C)	2-24	58		116R1	
2 ROWS, PITCH .100" (2.54mm)						SOCKETS, HEADER					
FCN707	2-36	19		34R1		1 ROW, PITCH .100" (2.54mm)					
FCN723J (B)	2-36	75		34R10		41 (H)	2-30	47		0R26b	
FCN747	2-36	20		34R2		41 (I)	2-30	18		116R3	
SOCKETS, D-TYPE											
2 ROWS						1 ROW, PITCH MISC.					
FCN775 (A)	2-46	25		0G01		41 (K)	2-32	53		116R2	
FCN775 (D)	2-46	26		0G01		PLUGS, HEADER					
FCN777 (B)	2-46	27		0G01		1 ROW, PITCH .100" (2.54mm)					
PLUGS, TWO-PIECE											
2 ROWS						41 (G)	2-90	36		0H1i	
FCN785J	2-82	72		34P11		41 (J)	2-90	6		116H2	
PLUGS, HEADER											
1 ROW, PITCH .100" (2.54mm)						1 ROW, PITCH MISC.					
FCN720 (G)	2-92	60		0H1ar		41 (L)	2-96	24		116H3	
FCN720 (H)	2-92	61		0H2ba		41 (M)	2-96	25		116H4	
2 ROWS, PITCH .100" (2.54mm)						2 ROWS, PITCH .100" (2.54mm)					
FCN704J	2-106	2		34R3		41 (A)	2-106	11		116H1	
FCN707P	2-106	3		34P5		41 (B)	2-106	12		116H1	
FCN720 (A)	2-106	4		0H3ag		TRANSITION, PC BOARD MOUNT					
FCN720 (B)	2-106	5		0H4a		4 ROWS					
FCN720 (C)	2-106	6		0H3ah		41 (D)	2-158	32		116P1	
FCN720 (D)	2-106	7		0H4b		TRANSITION, SOCKET MOUNT					
FCN720 (E)	2-106	8		0H3ai		DIP SOCKET					
FCN720 (F)	2-106	9		0H4c		41 (E)	2-160	14		116P2	
FCN744	2-102	15		34P3		41 (F)	2-160	15		116P2	
FCN745	2-106	10		34P4		GENERAL CONNECTOR CORPORATION (GEC)					
PLUGS, D-TYPE						SOCKETS, D-TYPE					
2 ROWS						2 ROWS					
FCN775 (B)	2-122	6		34P9		G SERIES (C)	2-46	28	GEC01	0G01	
FCN775 (C)	2-122	7		34P9		G SERIES (G)	2-46	29	GEC01	0G01	
FCN777 (A)	2-122	8		34P10		GM SERIES (B)	2-46	30	GEC02	0G01	
TRANSITION, PC BOARD MOUNT											
4 ROWS						GM SERIES (D)	2-46	31	GEC02	0G01	
FCN734P	2-158	30		34P7		3 ROWS					
TRANSITION, SOCKET MOUNT											
DIP SOCKET						G SERIES (D)	2-50	77	GEC01	0G01	
FCN714P	2-160	61		34P6		G SERIES (H)	2-50	78	GEC01	0G01	
FCN754P	2-160	62		34P8		GM SERIES (F)	2-50	79	GEC02	0G01	
GARRY ELECTRONICS (GAR)											
SOCKETS, HEADER											
1 ROW, PITCH .100" (2.54mm)						GM SERIES (H)	2-50	80	GEC02	0G01	
2002	2-32	18	GAR01	0R28c		PLUGS, D-TYPE					
SOCKETS, DIN											
3 ROWS						2 ROWS					
C64F	2-70	31		999R4		G SERIES (A)	2-122	9	GEC01	0G01	
C96F	2-72	1		999R4		G SERIES (E)	2-122	10	GEC01	0G01	
						GM SERIES (A)	2-122	11	GEC02	0G01	
						3 ROWS					
						G SERIES (B)	2-126	52	GEC01	0G01	
						G SERIES (F)	2-126	53	GEC01	0G01	
						GM SERIES (E)	2-126	54	GEC02	0G01	
						GM SERIES (G)	2-126	55	GEC02	0G01	

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	2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)	4400 SERIES	2-8	30	HTC4	0G01
SOCKETS, HEADER						
	2 ROWS, PITCH .100" (2.54mm)	4000 SERIES	2-36	25		0G01
SOCKETS, D-TYPE						
	2 ROWS	4600 SERIES (B)	2-46	45	HTC5	0G01
PLUGS, HEADER						
	1 ROW, PITCH .100" (2.54mm)	4166 (A)	2-94	55	HTC3	0G01
		4166 (B)	2-94	56	HTC3	0G01
	2 ROWS, PITCH .100" (2.54mm)					
		4101 (A)	2-106	21	HTC1	0G01
		4101 (B)	2-106	22	HTC1	0G01
		4102 (A)	2-106	23	HTC1	0G01
		4102 (B)	2-106	24	HTC1	0G01
		4103 (A)	2-106	25	HTC1	0G01
		4103 (B)	2-106	26	HTC1	0G01
		4121 (A)	2-106	27	HTC1	0G01
		4121 (B)	2-106	28	HTC1	0G01
		4122 (A)	2-106	29	HTC1	0G01
		4122 (B)	2-106	30	HTC1	0G01
		4123 (A)	2-106	31	HTC1	0G01
		4123 (B)	2-106	32	HTC1	0G01
		4142 (A)	2-108	29	HTC2	0G01
		4142 (B)	2-108	30	HTC2	0G01
		4161 (A)	2-112	15	HTC3	0G01
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	2 ROWS	4600 SERIES (A)	2-122	22	HTC5	0G01
TRANSITION, PC BOARD MOUNT						
	2 ROWS	4321	2-158	2		0G01
	4 ROWS	4301	2-158	33		0G01
TRANSITION, SOCKET MOUNT						
	DIP SOCKET					
		4201 (A)	2-160	16		0G01
		4201 (B)	2-160	38		0G01
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		M80-802	2-20	70		25R5
		M80-803	2-20	73		25R6
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		M80-899	2-20	38		25R4
		M80-899	2-20	39		25R4
	2 ROWS					
		M80-887	2-24	1		25R2
		M80-887	2-22	88		25R2
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		M80-889	2-24	2		25R3
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		D01-997	2-30	70		25R7
		D01-997	2-30	69		25R7
		D01-998	2-30	72		25R8
		D01-998	2-30	71		25R8
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		M20-984	2-34	61		25R14
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PLUGS, HEADER						
	1 ROW, PITCH .100" (2.54mm)					
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		D01-992	2-90	79		25P7
		D01-999	2-90	82		25P8
		D01-999	2-90	81		25P8
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		M20-999	2-92	69		0H1a
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		M20-960	2-102	24		0H10a
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		M20-997	2-102	30		0H3b
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	2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)					
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	2 ROWS, DOUBLE READOUT, PITCH MISC.					
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		QM10	2-14	44		120R10
		QM20	2-14	45		120R11
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		A2A	2-34	4		120H13
		A4-4S	2-32	58	HRSJ02	120R7
		DF1	2-34	5		
		DF3-F	2-32	64		
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		HIF3H-F (A)	2-40	3		
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		HIF6-20D	2-40	2	HRSJ01	120R1
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HNC-M (A)	2-96	44							
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A3-4P (B)	2-114	3	HRSJ03	120H7					
FM1 (A)	2-112	71		120H11					
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HIROSE ELECTRIC U.S.A. INC. (HRS)									
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HIF6A-20D (B)	2-38	68	HRS10	120R3					
HIF6B-20D (A)	2-38	69	HRS10	120R4					
HIF6B-20D (B)	2-38	70	HRS10	120R5					
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2 ROWS									
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RDAB-S	2-46	39	HRS06	0G01					
RDBH	2-42	87	HRS16	0G01					
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PCN-B32F (C)	2-60	69	HRS17	999R2					
PCN-B32F (D)	2-60	70	HRS17	999R2					
PCN-B32F (E)	2-60	71	HRS17	999R2					
PCN-B32F (F)	2-60	72	HRS17	999R2					
PCN-B32F (G)	2-60	73	HRS17	999R2					
PCN-B32F (H)	2-60	74	HRS17	999R2					
PCN-B64F (A)	2-66	3	HRS17	999R2					
PCN-B64F (B)	2-66	4	HRS17	999R2					
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PCN-C32F (H)	2-60	82	HRS17	999R4					
PCN-C32F (I)	2-60	83	HRS17	999R4					
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PCN-HALF B32F (G)	2-62	5	HRS17	999R6					
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PCN-HALF B64F (A)	2-66	5	HRS17	999R6					
PCN-HALF B64F (B)	2-66	6	HRS17	999R6					
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JAWS ELECTRONIC CO., LTD. (JAWC)				
SOCKETS, EDGE CARD				
2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)				
2900	2-8	2		OR12j
3000	2-8	31		OR22k
2 ROWS, DOUBLE READOUT, PITCH MISC.				
WKR-PG-10	2-14	75	JAWC03	61P1
WKR-SG-40	2-14	76	JAWC03	0G03
WLR-SG-20	2-14	77	JAWC03	0G03
SOCKETS, HEADER				
1 ROW, PITCH .100" (2.54mm)				
2800	2-30	64		
SOCKETS, D-TYPE				
2 ROWS				
WKD-R	2-46	46	JAWC02	0G01
WKD-RSG	2-46	47	JAWC01	0R22v
WKD-SG	2-46	48	JAWC01	0R22u
PLUGS, HEADER				
1 ROW, PITCH .100" (2.54mm)				
2100 (A)	2-92	70		
2100 (B)	2-92	71		
2110 (A)	2-90	37		
2110 (B)	2-90	38		
2600 (A)	2-90	12		
2600 (B)	2-90	13		
1 ROW, PITCH MISC.				
2400 (A)	2-96	33		
2400 (B)	2-96	34		
2420 (A)	2-98	88		
2420 (B)	2-100	1		
2660 (A)	2-96	38		
2660 (B)	2-96	39		
2 ROWS, PITCH .100" (2.54mm)				
2200 (A)	2-106	33		
2200 (B)	2-106	34		
2300 (A)	2-106	35		
2300 (B)	2-106	36		
PLUGS, D-TYPE				
2 ROWS				
WKD-PG	2-122	23	JAWC01	0P18b
WKD-RPG	2-122	24	JAWC01	0P10g
TRANSITION, SOCKET MOUNT				
DIP SOCKET				
3100	2-160	17		0P7p
JI-HAW INDUSTRIAL CO., LTD. (JHIC)				
SOCKETS, EDGE CARD				
2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)				
CE	2-8	32	JHIC04	0R12k
SOCKETS, TWO-PIECE				
2 ROWS				
SC	2-24	59	JHIC05	0R22i
SOCKETS, D-TYPE				
2 ROWS				
D SERIES (I)	2-46	49	JHIC01	0G01
D SERIES (J)	2-46	50	JHIC01	0R41c
D SERIES (L)	2-46	51	JHIC02	0R41d
3 ROWS				
D SERIES (B)	2-50	81	JHIC02	0R42d
D SERIES (E)	2-50	82	JHIC01	0R43e
D SERIES (F)	2-50	83	JHIC01	0R42c
PLUGS, D-TYPE				
2 ROWS				
D SERIES (G)	2-122	25	JHIC01	0P10h
D SERIES (H)	2-122	26	JHIC01	0P18c
D SERIES (K)	2-122	27	JHIC02	0P18d
3 ROWS				
D SERIES (A)	2-126	56	JHIC02	0P17e
D SERIES (C)	2-126	57	JHIC01	0P21d
D SERIES (D)	2-126	58	JHIC01	0P17d
TRANSITION, SOCKET MOUNT				
DIP SOCKET				
DP	2-160	39	JHIC03	0P7q

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JOLO INDUSTRIES, INC. (JOL)					KEL-AM INC. (KAM)				
SOCKETS, EDGE CARD					SOCKETS, HEADER				
1 ROW, SINGLE READOUT, PITCH .156" (3.95mm) EC-103 (B)	2-2	46		0R17av	2 ROWS, PITCH .100" (2.54mm) 6200 SERIES	2-36	26	KAM08	0R22m
2 ROWS, SINGLE READOUT, PITCH .156" (3.95mm) EC-103 (A)	2-4	59		0R17av	KEL-AM INC. (KAMJ)				
2 ROWS, SINGLE READOUT, PITCH MISC. EC-113 (A)	2-6	18		0R15a	SOCKETS, HEADER				
EC-113 (B)	2-6	19		0R15a	2 ROWS, PITCH MISC. 6230 (A)	2-38	56		0R22m
2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm) EC-111 (A)	2-12	28		0R17at	6230 (B)	2-38	57		0R22m
EC-111 (B)	2-12	29		0R17at	SOCKETS, DIN				
EC-211 (A)	2-12	30		0R17au	2 ROWS				
EC-211 (B)	2-12	31		0R17au	8300 (A)	2-66	7	KAM29	46R15
2 ROWS, DOUBLE READOUT, PITCH MISC. EC-213 (A)	2-16	14		0R15a	8330 (A)	2-66	64	KAM28	46R11
EC-213 (B)	2-16	15		0R15a	8400 (A)	2-66	8	KAM29	999R2
SOCKETS, HEADER					8440 (A)	2-66	65	KAM28	46R13
1 ROW, PITCH .100" (2.54mm) SS-109-1	2-30	48		0R26c	3 ROWS				
SS-109-2	2-30	19		0R26d	8300 (B)	2-72	6	KAM29	46R16
KEL-AM INC. (KAMJ)					8330 (B)	2-72	7	KAM28	46R12
SOCKETS, EDGE CARD					8341 (B)	2-72	8	KAM28	46P12
2 ROWS, SINGLE READOUT, PITCH MISC. 7040	2-6	12		46R4	8400 (B)	2-72	9	KAM29	999R10
KEL-AM INC. (KAM)					8440 (B)	2-72	10	KAM28	46R14
SOCKETS, EDGE CARD					KEL-AM INC. (KAM)				
2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)					PLUGS, TWO-PIECE				
PF	2-6	56	KAM03	46P3	1 ROW				
PR	2-8	3	KAM01	46P1	7010	2-80	52	KAM24	46P6
PS	2-8	4	KAM02	46P2	KEL-AM INC. (KAMJ)				
RC	2-8	5	KAM10	0R15b	PLUGS, TWO-PIECE				
RCR	2-8	6	KAM11	0R18g	2 ROWS				
RCV	2-8	54	KAM12	0R13ag	8810 (A)	2-84	28		46P9
RCVR	2-8	55	KAM19	0R14d	8810 (B)	2-84	29		46P9
RF	2-6	57	KAM04	0R12i	8811 (A)	2-84	30		46P9
6300 SERIES	2-6	60	KAM07	0R12m	8811 (B)	2-84	31		46P9
2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm)					8812 (A)	2-84	32		46P10
PRE	2-12	3	KAM22	46P4	8812 (B)	2-84	33		46P10
PSE	2-12	4	KAM23	46P5	KEL-AM INC. (KAM)				
RE	2-10	69	KAM17	0R15d	PLUGS, HEADER				
RES	2-10	70	KAM18	0R15e	2 ROWS, PITCH .100" (2.54mm)				
REV	2-12	5	KAM16	0R13ai	6201 SERIES (A)	2-106	37	KAM05	0H21h
REVR	2-12	6	KAM21	0R14f	6201 SERIES (B)	2-106	38	KAM05	0H24g
2 ROWS, DOUBLE READOUT, PITCH MISC.					6231 SERIES (A)	2-106	39	KAM06	0H14c
RD	2-14	78	KAM14	0R15c	6231 SERIES (B)	2-106	40	KAM06	0H15c
RDR	2-14	79	KAM15	0R267	KEL-AM INC. (KAMJ)				
RDV	2-14	80	KAM13	0R13ah	PLUGS, DIN				
RDVR	2-14	81	KAM20	0R14e	2 ROWS				
KEL-AM INC. (KAMJ)					8301 (A)	2-140	21	KAM29	46P15
SOCKETS, EDGE CARD					8311 (A)	2-140	22	KAM29	46P15
2 ROWS, DOUBLE READOUT, PITCH MISC.					8331 (A)	2-140	82	KAM28	46P11
1168	2-16	16		46R2	8341 (A)	2-140	83	KAM28	46P11
1258	2-16	51		46R3	8401 (A)	2-140	23	KAM29	999P1
4640	2-16	83		0R13ap	8431 (A)	2-140	84	KAM28	46P13
4820	2-16	84		0R13ak	KEL-AM INC. (KAM)				
8820	2-16	22		46R5	TRANSITION, PC BOARD MOUNT				
8830 (A)	2-16	23		46R6	1 ROW				
8830 (B)	2-16	24		46R6	6600	2-156	6	KAM26	46P7
937-062	2-16	28		46R7	KEL-AM INC. (KAMJ)				
937-098	2-16	58		46R8	PLUGS, DIN				
KEL-AM INC. (KAM)					8301 (B)	2-146	12	KAM29	46P16
SOCKETS, TWO-PIECE					8311 (B)	2-146	13	KAM29	46P16
2 ROWS					8331 (B)	2-146	14	KAM28	46P12
7011	2-24	10	KAM25	46R1	8401 (B)	2-146	15	KAM29	999P9
KEL-AM INC. (KAMJ)					8431 (B)	2-146	16	KAM28	46P14
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2 ROWS					TRANSITION, SOCKET MOUNT				
8800 (A)	2-24	60		46R9	DIP SOCKET				
8800 (B)	2-24	61		46R9	6100	2-160	64	KAM09	0P7r
8801 (A)	2-24	62		46R9	KING ROYAL ELECTRIC INC. (KREC)				
8801 (B)	2-24	63		46R9	SOCKETS, EDGE CARD				
8802 (A)	2-24	64		46R10	1 ROW, SINGLE READOUT, PITCH .100" (2.54mm)				
8802 (B)	2-24	65		46R10	SLOT EDGE (A)	2-2	1		0R20m
KEL-AM INC. (KAMJ)					SLOT EDGE (B)	2-2	4		0R20n
SOCKETS, TWO-PIECE					SLOT EDGE (C)	2-2	7		0R20o
2 ROWS					SLOT EDGE (D)	2-2	8		0R20p
8800 (A)	2-24	60		46R9	2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)				
8800 (B)	2-24	61		46R9	SLOT EDGE (A)	2-6	55		0R20m
8801 (A)	2-24	62		46R9	SLOT EDGE (B)	2-8	7		0R20n
8801 (B)	2-24	63		46R9	SLOT EDGE (C)	2-8	33		0R20o
8802 (A)	2-24	64		46R10	SLOT EDGE (D)				
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2 ROWS, DOUBLE READOUT, PITCH MISC.					C SERIES (E)	2-68	17		999R4
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IDC-20P	2-14	36		2R3	R SERIES (F)	2-70	34		999R10
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IDC-26P	2-14	42		2R3	R SERIES (H)	2-72	12		999R10
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IDC-64P	2-16	31		2R3	SL SERIES (B)	2-96	47		117G1
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DMR-L-15S	2-42	22		0G01	MINIATURE D (A)	2-122	28		0G01
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DMR-25S	2-44	4		0G01	PLUGS, DIN				
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SOCKETS, CENTRONICS					2 ROWS				
2 ROWS					B SERIES (B)	2-136	39		999P1
RCR-40240	2-76	2		0G03	B SERIES (E)	2-140	25		999P1
RCR-40360	2-76	9		2R2b	B SERIES (F)	2-136	40		999P1
RCS20140	2-76	1		0G03	D SERIES (A)	2-136	41		999P12
RCS20240	2-76	3		2R1b	D SERIES (C)	2-136	42		999P12
RCS20360	2-76	10		2R1c	F SERIES (A)	2-136	43		999P14
RCS20500	2-76	29		2R1d	F SERIES (B)	2-136	44		999P14
PLUGS, D-TYPE					3 ROWS				
2 ROWS					C SERIES (A)	2-142	25		999P3
DMR-L-15P	2-118	28		0P10j	C SERIES (B)	2-144	31		999P3
DMR-L-25P	2-118	74		0P10k	C SERIES (C)	2-144	32		999P3
DMR-L-37P	2-122	30		0P10a	C SERIES (D)	2-146	17		999P3
DMR-L-9P	2-118	9		0P10i	C SERIES (I)	2-142	26		999P3
DMR-15P	2-118	29		0P10j	C SERIES (J)	2-144	33		999P3
DMR-25P	2-118	75		0P10k	C SERIES (K)	2-144	34		999P3
DMR-9P	2-118	10		0P10i	C SERIES (L)	2-146	18		999P3
DMS-15P	2-118	30		0G01	H SERIES (A)	2-142	5		999P20
DMS-25P	2-118	76		0G01	H SERIES (B)	2-142	6		999P20
DMS-37P	2-122	31		0G01	R SERIES (A)	2-142	27		999P9
DMS-9P	2-118	11		0G01	R SERIES (B)	2-144	35		999P9
MDR-37P	2-122	32		0P10a	R SERIES (C)	2-144	36		999P9
PLUGS, CENTRONICS					R SERIES (D)				
2 ROWS						2-146	19		999P9
RCR-10240	2-150	2		0G03	LEADER PRECISION INDUSTRIAL CO., LTD. (LPIC)				
RCR-10360	2-150	7		2P2b	SOCKETS, EDGE CARD				
RCS10140	2-150	1		0G03	2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)				
RCS10240	2-150	3		0G03	EG2540	2-8	65		0G01
RCS10360	2-150	8		0G03	EG3960	2-8	34		0G01
RCS10500	2-150	17		0G03	SQ2200	2-8	66		0G01
KLIPPON ELECTRICALS LTD. (KIPE)					SQ2500				
SOCKETS, TWO-PIECE					SR2000				
1 ROW						2-8	68		0G01
BL SERIES	2-20	37		117G1	LEOCO CORP. (LEOC)				
BLH SERIES	2-20	24		117G2	SOCKETS, EDGE CARD				
SOCKETS, D-TYPE					2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)				
2 ROWS					2541S	2-8	8	LEOC04	56R16
MINIATURE D (E)	2-46	52		0G01	2544S	2-8	64	LEOC06	56P4
MINIATURE D (F)	2-46	53		0G01	SOCKETS, HEADER				
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2 ROWS						2-30	21		56R7
B SERIES (C)	2-66	9		999R2	1 ROW, PITCH MISC.				
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5000S	2-32	76		56R12	3,96 RF	2-4	63		63R9
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7505S	2-32	71		56R14	3,96 UF	2-4	65		63R9
7555S	2-32	44		56R15	3,96 UFL	2-4	66		63R10
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7925S	2-32	79		56R11	2,5 MBX/D	2-6	13		63R4
2 ROWS, PITCH .100" (2.54mm)					2,5 R	2-6	34		63R11
2540S	2-36	27	LEOC02	56R3	2,5 RF	2-6	29		63R13
2543S	2-36	65	LEOC05	56R4	2,5 RFL	2-6	30		63R15
SOCKETS, D-TYPE					2,5 U	2-6	35		63R11
2 ROWS					2,5 UF	2-6	31		63R13
DB (A)	2-50	9	LEOC01	56R2	2,5 UFL	2-6	32		63R15
DB (B)	2-50	10	LEOC01	56R2	5 R	2-6	22		63R17
SOCKETS, SPECIAL APPLICATION					5 U	2-6	23		63R17
1 ROW					5,08 R	2-6	20		63R18
LCFC (A)	2-78	8		56R1	5,08 U	2-6	21		63R18
LCFC (B)	2-78	9		56R1	SOCKETS, TWO-PIECE				
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2502P	2-90	40		56P8	KBW	2-20	11		63R21
2506P	2-90	41		0H1aj	KBWO	2-20	12		63R22
2507P	2-90	42		0H2at	2,5 MBX	2-20	49		63R1
2546P	2-94	57	LEOC07	0H1ai	2,5 MBX/AE	2-20	50		63R2
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3961P	2-98	6		56P9	PLUGS, TWO-PIECE				
3962P	2-98	7		56P10	1 ROW				
3966P	2-98	8		0H1ak	KS	2-80	12		63P1
3967P	2-98	9		0H2au	PLUGS, HEADER				
5001P	2-96	72		56P15	1 ROW, PITCH .100" (2.54mm)				
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5006P	2-96	74		0H1an	2,54 MSPAR 1 (A)	2-94	79		63H19
5007P	2-96	75		0H2ax	2,54 MSPAR 1 (B)	2-94	80		63H20
7501P	2-96	52		56P21	2,54 MSPAR 1 (C)	2-94	81		63H21
7502P	2-96	53		56P22	2,54 MSPAR 2	2-94	86		63H22
7506P	2-96	54		0H1ao	2,54 MSPAR 2B	2-94	87		63H23
7507P	2-96	55		0H2ay	2,54 MSPAR 3	2-96	1		63H24
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7921P	2-96	76		56P11	2,5 MS	2-100	7		63H8
7922P	2-96	77		56P12	2,5 MSD	2-100	8		63H12
7926P	2-96	78		56P13	2,5 MSE	2-100	9		63H11
7927P	2-96	79		56P14	2,5 MSF/O	2-98	10		63H1
2 ROWS, PITCH .100" (2.54mm)					2,5 MSFQ/O	2-98	11		63H2
2545P (A)	2-108	31	LEOC03	56P25	2,5 MSFQ/O	2-98	12		63H3
2545P (B)	2-108	32	LEOC03	56P2	2,5 MSFW/O	2-98	13		63H4
2548P	2-112	17	LEOC08	0H3ac	2,5 MSFW/O	2-98	14		63H5
2549P	2-112	18	LEOC08	0H4an	2,5 MSFWQ	2-98	15		63H6
2575P (A)	2-106	41	LEOC09	56P5	2,5 MSFWQ/O	2-98	16		63H7
2575P (B)	2-106	42	LEOC09	56P6	2,5 MSP	2-100	10		63H9
PLUGS, D-TYPE					2,5 MSW	2-98	17		63H10
2 ROWS					2 ROWS, PITCH .100" (2.54mm)				
DB (C)	2-124	66	LEOC01	56P1	MICS-D	2-100	69		63H14
DB (D)	2-124	67	LEOC01	56P1	2,54 MSAR 2	2-112	54		63H16
LORANGER INTERNATIONAL CORP. (LIC)					2,54 MSAR 28	2-112	55		63H17
SOCKETS, EDGE CARD					2 ROWS, PITCH MISC.				
2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)					MICS	2-112	76		63H13
3199-A02	2-10	6		0R219	3 ROWS, PITCH .100" (2.54mm)				
3199-C02	2-10	29		0R17ap	2,54 MSAR 3				
3199-D01	2-10	38		0R20j	2-114	81		63H18	
2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm)					MAGNUM ELECTRIC (MAG)				
2989-602	2-12	33		0R17aq	SOCKETS, SPECIAL APPLICATION				
2989-722	2-12	36		0R17ar	1 ROW				
LUMBERG INC. (LUM)					900	2-78	12	MAG01	118R1
SOCKETS, EDGE CARD					900-RA	2-78	1	MAG01	118R3
2 ROWS, SINGLE READOUT, PITCH .100" (2.54mm)					900-VM	2-78	13	MAG01	118R2
2,54 R	2-4	45		63R12	PLUGS, HEADER				
2,54 RF	2-4	41		63R14	1 ROW, PITCH MISC.				
2,54 RFL	2-4	42		63R16	H900	2-98	38	MAG01	118P1
2,54 U	2-4	46		63R12					

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MAGNUM ELECTRIC (Cont.)					9000 (B)	2-38	16		OR35f
H900-RA	2-96	35	MAG01	118P3	980 (B)	2-36	28	MEI11	OR35e
H900-VM	2-98	39	MAG01	118P2	PLUGS, TWO-PIECE				
MASTERITE INDUSTRIES, INC. (MAS)					2 ROWS				
SOCKETS, HIGH PIN COUNT					140-101	2-82	63		645P1
1 ROW					140-138	2-84	4		64P2
001503	2-74	1	MAS01	80R1	PLUGS, HEADER				
2 ROWS					1 ROW, PITCH .100" (2.54mm)				
001500	2-74	2	MAS01	80R1	16444	2-90	55		8H1
001501	2-74	3	MAS01	80R1	16468	2-90	56		8H1
PLUGS, HEADER					189-140	2-90	43		64P5
2 ROWS, PITCH .100" (2.54mm)					26200	2-90	57		8H2
169 (A)	2-112	19		80H1a	26207	2-90	58		8H2
3 ROWS, PITCH .100" (2.54mm)					910 (A)	2-94	59	MEI08	OH1ap
169 (B)	2-114	78		80H1b	910 (B)	2-94	60	MEI08	OH2az
4 ROWS, PITCH MISC.					9100 (A)	2-94	61		64H4
169 (C)	2-116	3		80H1c	9100 (B)	2-94	85		64H5
PLUGS, HIGH PIN COUNT					1 ROW, PITCH MISC.				
2 ROWS					16388	2-98	40		8H9
000406	2-148	4		80P1	16480	2-98	41		8H8
000800 (A)	2-148	2		80H2	16483	2-98	42		8H8
4 ROWS					16800	2-98	43		8H5
000800 (B)	2-148	23		80H3	16900	2-98	44		8H5
5 ROWS					174	2-98	45	MEI07	64H2
000800 (C)	2-148	33		80H4	24000	2-98	46		8H7
METHODE ELECTRONICS (MEI)					24005	2-98	47		8H7
SOCKETS, EDGE CARD					24603	2-98	48		8H6
1 ROW, SINGLE READOUT, PITCH .156" (3.95mm)					24900	2-98	49		8H6
179 (A)	2-2	56	MEI03	64R5	28000	2-98	50		8H10
2 ROWS, SINGLE READOUT, PITCH .156" (3.95mm)					2 ROWS, PITCH .100" (2.54mm)				
179 (B)	2-4	54	MEI03	64R5	16602	2-106	43		8H4
180 (A)	2-6	2	MEI04	64R6	16603	2-106	44		8H4
180 (B)	2-6	3	MEI04	64R6	16643	2-102	51		8H3
180 (C)	2-4	55	MEI04	64R6	16686	2-106	45		8H4
180 (D)	2-4	56	MEI04	64R6	16687	2-106	46		8H4
279 (A)	2-4	57	MEI03	64R5	16694	2-102	52		8H3
279 (B)	2-4	58	MEI03	64R5	189-128	2-102	53		64P3a
2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)					189-141	2-102	54	MEI05	64P4a
172 (A)	2-10	7	MEI01	64R3	189-146	2-102	55		64P36
172 (B)	2-10	8	MEI01	64R3	189-225	2-102	56		64P3c
272 (A)	2-10	9	MEI01	64R3	189-226	2-102	57		64P3d
272 (B)	2-10	10	MEI01	64R3	189-228	2-102	58		64P46
372 (A)	2-6	50	MEI06	64H1	910 (C)	2-102	59	MEI08	OH3ae
372 (B)	2-6	51	MEI06	64H1	910 (D)	2-102	60	MEI08	OH4ap
372 (C)	2-8	40	MEI06	64H1	910-8	2-108	60	MEI10	OH16a
372 (D)	2-8	41	MEI06	64H1	910-9	2-108	61	MEI10	OH20a
2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm)					9100 (C)	2-112	20		64H6
184 (A)	2-12	7	MEI05	64R7	PLUGS, HIGH PIN COUNT				
184 (B)	2-12	72	MEI05	64R7	2 ROWS				
186 (A)	2-10	62	MEI05	64R8	189-211	2-148	3		64P6
186 (B)	2-12	22	MEI05	64R8	189-212	2-148	1		64P7
2 ROWS, DOUBLE READOUT, PITCH MISC.					PLUGS, SPECIAL APPLICATION				
173	2-16	85	MEI02	64R4	1 ROW				
SOCKETS, TWO-PIECE					DM500 (A)	2-152	74		64H3
1 ROW					DM500 (B)	2-152	58		64H3
16324	2-20	27		8R3	TRANSITION, PC BOARD MOUNT				
16463	2-20	28		8R2	1 ROW				
16546	2-20	29		8R1	900 (A)	2-156	29	MEI09	OR36a
2 ROWS					980 (A)	2-156	77	MEI11	OR36c
140-100	2-22	86		64R1	TRANSITION, SOCKET MOUNT				
140-137	2-24	35		64R2	SIP SOCKET				
SOCKETS, HEADER					16369	2-160	2		8R4
1 ROW, PITCH .100" (2.54mm)					MIDDLEBURG CORP. (MBC)				
1230 (A)	2-30	65		64H7	SOCKETS, TWO-PIECE				
1230 (B)	2-30	66		64H8	4 ROWS				
900 (B)	2-32	28	MEI09	OR35a	CRI SERIES (C)	2-28	26	MBC4	6P3
9000 (C)	2-32	29		OR36e	CRI SERIES (D)	2-28	27	MBC4	6P3
9000 (D)	2-32	30		OR35g	CRI SERIES (G)	2-28	28	MBC4	6P4
2 ROWS, PITCH .100" (2.54mm)					CRI SERIES (H)	2-28	29	MBC4	6P4
900 (C)	2-36	61	MEI09	OR36b	SOCKETS, D-TYPE				
900 (D)	2-36	62	MEI09	OR35b	2 ROWS				
900 (E)	2-36	63	MEI09	OR35c	DAJ (B)	2-42	25	MBC1	OR22q
900 (F)	2-36	64	MEI09	OR35d	DAT (B)	2-42	26	MBC1	OR22q
9000 (A)	2-38	15		OR35e	DBJ (B)	2-44	6	MBC1	OR22r
					DBT (B)	2-44	7	MBC1	OR22r
					DCJ (B)	2-46	57	MBC1	OR22s
					DCT (B)	2-46	58	MBC1	OR22s
					DEJ (B)	2-42	10	MBC1	OR22p
					DET (B)	2-42	11	MBC1	OR22p

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ISSD09S	2-42	12	MBC3		SOCKETS, EDGE CARD				
ISSD15S	2-42	27	MBC3		2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)				
ISSD25S	2-44	8	MBC3		7000 (A)	2-10	47	MRC01	4R1
ISSD37S	2-46	59	MBC3		7000 (B)	2-10	48	MRC01	4R1
MFDA15S	2-42	28	MBC2	0R22q	2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm)				
MFDB25S	2-44	9	MBC2	0R22r	7200 (A)	2-12	73	MRC03	4R3
MFDC37S	2-46	60	MBC2	0R22s	7200 (B)	2-12	74	MRC03	4R3
MFDE09S	2-42	13	MBC2	0R22p	2 ROWS, DOUBLE READOUT, PITCH MISC.				
RASD09P	2-42	14	MBC3	0G01	8100 (A)	2-16	40	MRC02	4R2
RASD15S	2-42	29	MBC3	0G01	8100 (B)	2-16	41	MRC02	4R2
RASD25S	2-44	10	MBC3	0G01	8100 (C)	2-16	86	MRC02	4R2
RASD37S	2-46	61	MBC3	0G01	8100 (D)	2-16	87	MRC02	4R2
STSD09P	2-42	15	MBC3		SOCKETS, DIN				
STSD15S	2-42	30	MBC3		1 ROW				
STSD25S	2-44	11	MBC3		50C16F (A)	2-56	10	MRC05	999R4
STSD37S	2-46	62	MBC3		50C16F (B)	2-56	11	MRC05	999R4
					50C16F (C)	2-56	12	MRC05	999R4
3 ROWS					50C32F (A)	2-56	75	MRC05	999R4
DDJ (B)	2-52	1	MBC1	0R22t	50C32F (B)	2-56	76	MRC05	999R4
DDT (B)	2-52	2	MBC1	0R22t	50C32F (C)	2-56	77	MRC05	999R4
ISSD50S	2-52	3	MBC3		51B16F (A)	2-56	13	MRC05	999R2
MFDD50S	2-52	4	MBC2	0R22t	51B16F (B)	2-56	14	MRC05	999R2
RASD50S	2-52	5	MBC3		51B32F (A)	2-56	78	MRC05	999R2
STSD50S	2-52	6	MBC3		51B32F (B)	2-56	79	MRC05	999R2
					2 ROWS				
PLUGS, TWO-PIECE					50C32F (D)	2-62	21	MRC05	999R4
4 ROWS					50C32F (E)	2-62	22	MRC05	999R4
CRI SERIES (A)	2-88	17	MBC4	6P3	50C32F (F)	2-62	23	MRC05	999R4
CRI SERIES (B)	2-88	18	MBC4	6P3	50C64F (A)	2-66	10	MRC05	999R4
CRI SERIES (E)	2-88	19	MBC4	6P4	50C64F (B)	2-66	11	MRC05	999R4
CRI SERIES (F)	2-88	20	MBC4	6P4	50C64F (C)	2-66	12	MRC05	999R4
					51B32F (C)	2-62	24	MRC05	999R2
PLUGS, HEADER					51B64F	2-66	13	MRC05	999R2
1 ROW, PITCH .100" (2.54mm)					3 ROWS				
RCVH-1 (A)	2-92	72		0H1ah	50C48F	2-68	85	MRC05	999R4
RCVH-1 (B)	2-92	73		0H2ar	50C96F	2-72	13	MRC05	999R4
2 ROWS, PITCH .100" (2.54mm)					PLUGS, HEADER				
RCVH-2 (A)	2-110	44		0H3ab	2 ROWS, PITCH .100" (2.54mm)				
RCVH-2 (B)	2-110	45		0H4am	6600	2-108	62	MRC04	0H4e
2 ROWS, PITCH MISC.					PLUGS, DIN				
BCO-40	2-114	36		6P2	1 ROW				
BCO-41	2-114	37		6P2	50C16M (A)	2-130	13	MRC05	999P3
BCO-42	2-114	38		6P2	50C16M (B)	2-130	14	MRC05	999P3
					50C16M (C)	2-130	15	MRC05	999P3
PLUGS, D-TYPE					50C32M (A)	2-130	69	MRC05	999P3
2 ROWS					50C32M (B)	2-130	70	MRC05	999P3
DAJ (A)	2-118	31	MBC1	0G01	50C32M (C)	2-130	71	MRC05	999P3
DAT (A)	2-118	32	MBC1	0G01	51B16M (A)	2-130	16	MRC05	999P1
DBJ (A)	2-118	77	MBC1	0G01	51B16M (B)	2-130	17	MRC05	999P1
DBT (A)	2-118	78	MBC1	0G01	51B32M (A)	2-130	72	MRC05	999P1
DCJ (A)	2-122	33	MBC1	0G01	51B32M (B)	2-130	73	MRC05	999P1
DCT (A)	2-122	34	MBC1	0G01	2 ROWS				
DEJ (A)	2-118	12	MBC1	0G01	50C32M (D)	2-136	49	MRC08	999P3
DET (A)	2-118	13	MBC1	0G01	50C32M (E)	2-136	50	MRC05	999P3
ISSD09P	2-118	14	MBC3		50C32M (F)	2-136	51	MRC05	999P3
ISSD15P	2-118	33	MBC3		50C64M (A)	2-140	26	MRC05	999P3
ISSD25P	2-118	79	MBC3		50C64M (B)	2-140	27	MRC05	999P3
ISSD37P	2-122	35	MBC3		50C64M (C)	2-140	28	MRC05	999P3
MFDA15P	2-118	34	MBC2	0G01	51B32M (C)	2-136	52	MRC05	999P1
MFDB25P	2-118	80	MBC2	0G01	51B64M	2-140	29	MRC05	999P1
MFDC37P	2-122	36	MBC2	0G01	3 ROWS				
MFDE09P	2-118	15	MBC2	0G01	50C48M	2-142	85	MRC05	999P3
RASD09P	2-118	16	MBC3	0P16e	50C96M	2-146	20	MRC05	999P3
RASD15P	2-118	35	MBC3	0P16a	MIN-E-CON (MNE)				
RASD25P	2-118	81	MBC3	0P16f	SOCKETS, TWO-PIECE				
RASD37P	2-122	37	MBC3	0P16c	3 ROWS				
STSD09P	2-118	17	MBC3		JE16S	2-26	54	MNE10	87R5
STSD15P	2-118	36	MBC3		SOCKETS, D-TYPE				
STSD25P	2-118	82	MBC3		2 ROWS				
STSD37P	2-122	38	MBC3		DS9S	2-46	65	MNE01	0R41e
3 ROWS					MCE15S	2-50	19	MNE06	87R3
DDJ (A)	2-126	61	MBC1	0G01	MCE25S	2-50	20	MNE08	87R4
DDT (A)	2-126	62	MBC1	0G01	MC9S	2-50	23	MNE02	87R1
ISSD50P	2-126	63	MBC3		MES15S	2-50	21	MNE07	87R3
MFDD50P	2-126	64	MBC2	0G01	MES25S	2-50	22	MNE09	87R4
RASD50P	2-126	65	MBC3		ME9S	2-50	24	MNE03	87R1
STSD50P	2-126	66	MBC3						
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RCCO-21	2-154	22		6P1					
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					82009	2-46	64		0R44t
4 ROWS					SOCKETS, SPECIAL APPLICATION				
MCE9S	2-54	1	MNE04	87R2	2 ROWS				
MES9S	2-54	2	MNE05	87R2	70088	2-78	50		38R5
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3 ROWS					1 ROW				
JE16P	2-86	25	MNE10	87P5	8981 (A)	2-80	6		38P11
PLUGS, D-TYPE					8981 (B)	2-80	7		38P11
2 ROWS					PLUGS, HEADER				
DS9P	2-122	39	MNE01	0P18e	1 ROW, PITCH MISC.				
MCE15P	2-124	77	MNE06	87P3	4030	2-98	73		0G04a
MCE25P	2-124	78	MNE08	87P4	4094	2-98	74		0G05
MC9P	2-124	82	MNE02	87P1	5045	2-98	18		38P8
MES15P	2-124	79	MNE07	87P3	5046	2-98	19		38P7
MES25P	2-124	80	MNE09	87P4	5512-NA	2-98	20		38P10
ME9P	2-124	83	MNE03	87P1	6373	2-98	75		17H18
3 ROWS					6410	2-98	76		8H2
DS51P	2-128	56	MNE01	0P17b	70327	2-98	77		17H18
4 ROWS					70343	2-100	11		0G04a
MCE9P	2-128	59	MNE04	87P2	70344	2-100	12		0G05a
MES9P	2-128	60	MNE05	87P2	7395	2-98	78		8H2
					7478	2-98	79		17H18
MOLEX (MLX)					2 ROWS, PITCH .100" (2.54mm)				
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2184 (A)	2-2	34		38R19	70203 (A)	2-100	85		38P4
2184 (B)	2-2	35		38R19	70203 (B)	2-106	47		38P6
2574	2-2	58		38R23	70203 (C)	2-112	21		0H4f
2690 (A)	2-2	59		38R21	70203 (D)	2-112	22		0H4g
2690 (B)	2-2	60		38R21	70216 (A)	2-112	23		0H4h
4484 (A)	2-2	36		38R21	70216 (B)	2-112	24		0H4i
4484 (B)	2-2	37		38R21	70216 (C)	2-112	25		0H4f
6422	2-2	39		38R21	70216 (D)	2-112	26		0H4g
				38R24	70216 (E)	2-112	27		0H4h
					7723	2-112	28		0H4i
1 ROW, SINGLE READOUT, PITCH MISC.					8624 (A)				
6345	2-4	12		10R2	8624 (B)	2-112	30		0H3ak
					8624 (C)	2-112	31		0H3al
2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)					8624 (D)				
6777	2-10	46		38R16	8624 (D)	2-112	32		0H3am
6874	2-8	45		38R17	8723	2-112	33		0H3an
					8724	2-110	46		38P2
						2-110	47		38P3
2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm)					2 ROWS, PITCH MISC.				
4338	2-10	71		38R18	5243-NA	2-114	13		38P9
6511 (A)	2-10	64		38R20	3 ROWS, PITCH .100" (2.54mm)				
6511 (B)	2-10	65		38R20	5548 (A)	2-114	73		38P5
2 ROWS, DOUBLE READOUT, PITCH MISC.					5548 (B)	2-114	74		38P5
5242-NCHPB	2-14	58		38R6	Northern Technologies Ltd. (NTS)				
71006	2-16	37		71R11	SOCKETS, D-TYPE				
SOCKETS, TWO-PIECE					2 ROWS				
1 ROW					DP SERIES (E)				
70156	2-20	2		38R27	DP SERIES (F)	2-46	66	NTS04	0G01
SOCKETS, HEADER					N SERIES (E)				
1 ROW, PITCH .100" (2.54mm)					N SERIES (F)				
4455-AC	2-30	60		38R7	P SERIES (E)	2-46	68	NTS01	0G01
4455-BC	2-30	61		38R8	P SERIES (F)	2-46	69	NTS01	0G01
4455-CC	2-30	62		38R9	SN SERIES (C)	2-46	70	NTS02	0G01
1 ROW, PITCH MISC.					100 SERIES (B)				
3002-A	2-34	10		38R13	101 SERIES (B)	2-46	74	NTS05	120G1a
3002-B	2-34	11		38R14	102 SERIES (B)	2-46	75	NTS05	120G1b
3002-C	2-34	12		38R15	200 SERIES (B)	2-46	76	NTS05	120G1c
5051	2-34	13		0G02	3 ROWS				
5124BHPB	2-34	14		38R8	DP SERIES (G)				
5145-NAH	2-32	59		38R10	DP SERIES (H)	2-52	7	NTS04	0G01
5145-NBH	2-32	60		38R11	N SERIES (G)	2-52	8	NTS04	0G01
5145-NCH	2-32	61		38R12	N SERIES (H)	2-52	9	NTS01	0G01
5513-NAPB	2-34	15		38R25	P SERIES (G)	2-52	10	NTS01	0G01
5513-NCPB	2-34	16		38R26	P SERIES (H)	2-52	11	NTS02	0G01
7534A	2-34	17		38R7	SN SERIES (D)	2-52	12	NTS02	0G01
7534C	2-34	18		38R9		2-52	13	NTS03	0G01
2 ROWS, PITCH .100" (2.54mm)					PLUGS, D-TYPE				
70181	2-36	84		38R1a	2 ROWS				
70182	2-36	85		38R1b	DP SERIES (A)	2-122	40	NTS04	0G01
70191	2-36	86		38R2a	DP SERIES (B)	2-122	41	NTS04	0G01
70192	2-36	87		38R2b	N SERIES (A)	2-122	42	NTS01	0G01
7790	2-38	17		38R3	N SERIES (B)	2-122	43	NTS01	0G01
7790-NA	2-38	9		38R4	P SERIES (A)	2-122	44	NTS02	0G01
					P SERIES (B)	2-122	45	NTS02	0G01
					SN SERIES (A)	2-122	46	NTS03	0G01
					100 SERIES (A)	2-122	47	NTS05	120G1a
					101 SERIES (A)	2-122	48	NTS05	120G1b

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Northern Technologies Ltd. (Cont.)									
102 SERIES (A)	2-122	49	NTS05	120G1c	100HALFC16M (A)	2-130	22		999P7
200 SERIES (A)	2-122	50	NTS06	0G01	100HALFC16M (B)	2-130	23		999P7
					100HALFC16M (C)	2-130	24		999P7
3 ROWS					2 ROWS				
DP SERIES (C)	2-126	67	NTS04	0G01	100B64M	2-140	30		999P1
DP SERIES (D)	2-126	68	NTS04	0G01	100C64M (B)	2-140	31		999P3
N SERIES (C)	2-126	69	NTS01	0G01	100C64M (C)	2-140	32		999P3
N SERIES (D)	2-126	70	NTS01	0G01	100D32M	2-136	53		999P12
P SERIES (C)	2-126	71	NTS02	0G01	100HALFB32M	2-136	54		999P5
P SERIES (D)	2-126	72	NTS02	0G01	100HALFC32M (A)	2-136	55		999P7
SN SERIES (B)	2-126	73	NTS03	0G01	100HALFC32M (B)	2-136	56		999P7
					100HALFC32M (C)	2-136	57		999P7
					101F32M (A)	2-136	58		999P14
					101F32M (B)	2-136	59		999P14
					101F32M (C)	2-136	60		999P14
NEY ELECTRONICS (NEY)					3 ROWS				
SOCKETS, EDGE CARD					100C96M				
2 ROWS, DOUBLE READOUT, PITCH MISC.					100E48M				
2510	2-14	32		0G01	100HALFC48M				
2524	2-14	39		0G01	101F48M				
PANDUIT CORP. (PAN)									
SOCKETS, HEADER					PCK ELASTOMERICS, INC. (PCK)				
1 ROW, PITCH .100" (2.54mm)					PLUGS, SPECIAL APPLICATION				
CE100	2-30	63	PAN02	10R1	1 ROW				
					CARBON STAX				
1 ROW, PITCH MISC.					MOE (A)				
CE156	2-34	26	PAN02	10R2	MOE (B)				
					STAX (A)				
					STAX (B)				
SOCKETS, DIN					PHOENIX TERMINAL BLOCKS, INC. (PTB)				
1 ROW					SOCKETS, TWO-PIECE				
100B32F (A)	2-56	80		999R2	1 ROW				
100B32F (B)	2-56	81		999R2	MSTB/ST (A)				
100C32F (A)	2-56	82		999R4	MSTB/ST (B)				
100C32F (B)	2-56	83		999R4	MVSTBR (A)				
100C32F (C)	2-56	84		999R4	MVSTBR (B)				
100D16F (A)	2-56	15		999R13	MVSTBW (A)				
100D16F (B)	2-56	16		999R13					
100HALFB16F (A)	2-56	17		999R6	PLUGS, TWO-PIECE				
100HALFB16F (B)	2-56	18		999R6	1 ROW				
100HALFC16F (A)	2-56	19		999R8	MVSTBW (B)				
100HALFC16F (B)	2-56	20		999R8					
100HALFC16F (C)	2-56	21		999R8					
2 ROWS									
100B64F	2-66	14		999R2					
100C64F (A)	2-66	15		999R4					
100C64F (B)	2-66	16		999R4					
100C64F (C)	2-66	17		999R4					
100D32F	2-62	25		999R13					
100HALFB32F	2-62	26		999R6					
100HALFC32F (A)	2-62	27		999R8					
100HALFC32F (B)	2-62	28		999R8					
100HALFC32F (C)	2-62	29		999R8					
101F32F (A)	2-62	30		999R15					
101F32F (B)	2-62	31		999R15					
101F32F (C)	2-62	32		999R15					
3 ROWS									
100C96F	2-72	14		999R4					
100E48F	2-68	86		999R25					
100HALFC48F	2-68	87		999R8					
101F48F	2-68	88		999R15					
PLUGS, HEADER					POSITRONIC INDUSTRIES (PST)				
1 ROW, PITCH .100" (2.54mm)					SOCKETS, D-TYPE				
H100 (A)	2-90	59		10P3	2 ROWS				
H100 (B)	2-90	60		10P4	ED SERIES (B)				
M100 (A)	2-92	74	PAN03	10P1	ED SERIES (D)				
M100 (B)	2-92	75	PAN03	10P2	ED SERIES (J)				
1 ROW, PITCH MISC.					ED SERIES (L)				
H156 (A)	2-98	53		10P3	FD SERIES (B)				
H156 (B)	2-98	54		10P4	FD SERIES (D)				
M156 (A)	2-98	55	PAN03	10P1	HDC SERIES (B)				
M156 (B)	2-98	56	PAN03	10P2	HDC SERIES (D)				
2 ROWS, PITCH .100" (2.54mm)					MD SERIES (B)				
051 (A)	2-108	33	PAN01	0H3ao	MD SERIES (D)				
051 (B)	2-108	34	PAN01	0H4j	PD SERIES (B)				
PLUGS, DIN					SD SERIES (B)				
1 ROW					3 ROWS				
100B32M (A)	2-130	74		999P1	DD SERIES (B)				
100B32M (B)	2-130	75		999P1	DD SERIES (D)				
100C32M (A)	2-130	76		999P3	ED SERIES (F)				
100C32M (B)	2-130	77		999P3	ED SERIES (H)				
100C32M (C)	2-130	78		999P3	ED SERIES (N)				
100C64M (A)	2-132	12		999P3	ED SERIES (P)				
100D16M (A)	2-130	18		999P12	FD SERIES (F)				
100D16M (B)	2-130	19		999P12	FD SERIES (H)				
100HALFB16M (A)	2-130	20		999P5	HDC SERIES (F)				
100HALFB16M (B)	2-130	21		999P5	HDC SERIES (H)				
					MD SERIES (F)				
					MD SERIES (H)				

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4 ROWS				
DD SERIES (F)	2-54	3	PST08	0G01
DD SERIES (H)	2-54	4	PST08	0G01
SOCKETS, SPECIAL APPLICATION				
2 ROWS				
DPA (B)	2-78	35	PST02	67R3a
DPB (B)	2-78	36	PST02	67R3b
DPC (B)	2-78	37	PST02	67R3c
MDPA (B)	2-78	38	PST04	67R5a
MDPB (B)	2-78	39	PST04	67R5b
MDPC (B)	2-78	40	PST04	67R5c
41F8SR	2-78	24		67R1
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ED SERIES (A)	2-122	51	PST03	0G01
ED SERIES (C)	2-122	52	PST03	0G01
ED SERIES (I)	2-122	53	PST03	0G01
ED SERIES (K)	2-122	54	PST03	0G01
FD SERIES (A)	2-122	55	PST09	0G01
FD SERIES (C)	2-122	56	PST09	0G01
HDC SERIES (A)	2-122	57	PST07	0G01
HDC SERIES (C)	2-122	58	PST07	0G01
MD SERIES (A)	2-122	59	PST01	67P2
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PD SERIES (A)	2-122	61	PST06	67P7
SD SERIES (A)	2-122	62	PST05	0G01
3 ROWS				
DD SERIES (A)	2-128	57	PST08	0G01
DD SERIES (C)	2-128	58	PST08	0G01
ED SERIES (E)	2-126	74	PST03	0G01
ED SERIES (G)	2-126	75	PST03	0G01
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FD SERIES (E)	2-126	78	PST09	0G01
FD SERIES (G)	2-126	79	PST09	0G01
HDC SERIES (E)	2-126	80	PST07	0G01
HDC SERIES (G)	2-126	81	PST07	0G01
MD SERIES (E)	2-126	82	PST01	67P2
MD SERIES (G)	2-126	83	PST01	67P2
PD SERIES (C)	2-126	84	PST06	67P7
SD SERIES (C)	2-126	85	PST05	0G01
4 ROWS				
DD SERIES (E)	2-128	61	PST08	0G01
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PLUGS, SPECIAL APPLICATION				
2 ROWS				
DPA (A)	2-154	4	PST02	0G01
DPB (A)	2-154	5	PST02	0G01
DPC (A)	2-154	6	PST02	0G01
MDPA (A)	2-154	7	PST04	0G01
MDPB (A)	2-154	8	PST04	0G01
MDPC (A)	2-154	9	PST04	0G01
41M8SS	2-154	3		67P1
R.S. COMPONENTS LTD. (RSCB)				
SOCKETS, EDGE CARD				
1 ROW, SINGLE READOUT, PITCH MISC.				
466	2-4	8		0R17q
2 ROWS, SINGLE READOUT, PITCH MISC.				
467 (A)	2-6	15		
467-3	2-6	27		0R12c
2 ROWS, DOUBLE READOUT, PITCH MISC.				
467 (B)	2-14	40		
468	2-14	84		0R17r
470	2-14	37		0R17p
471-2 (A)	2-14	85		0R12d
471-2 (B)	2-16	1		0R12d
473	2-16	2		
473-8	2-16	3		
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401	2-20	60		
2 ROWS				
467-2	2-24	52		0R23c
469-8	2-24	53		0R23d
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2 ROWS				
467-87	2-48	3		
468-85	2-48	4		
472-14	2-48	5		
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2 ROWS				
B32F (A)	2-62	34		999R2
B32F (B)	2-62	35		999R2
B64F (A)	2-66	20		999R2
B64F (B)	2-66	21		999R2
D32F	2-62	36		999R13
H15F	2-58	23		999R21
MINI B32F	2-62	37		999R6
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M60+4F	2-66	22		999R23
M78+2F	2-66	59		999R23
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C64F (A)	2-70	36		999R4
C64F (B)	2-70	37		999R4
C64F (C)	2-70	38		999R4
C64F (D)	2-70	39		999R4
C96F (A)	2-72	17		999R4
C96F (B)	2-72	18		999R4
F48F	2-70	1		999R15
MINI B48F	2-70	2		999R6
R64F	2-70	40		999R10
R96F	2-72	19		999R10
PLUGS, TWO-PIECE				
2 ROWS				
467-3	2-84	19		0H13d
467-9	2-84	20		0H12d
PLUGS, HEADER				
1 ROW, PITCH .100" (2.54mm)				
334-55	2-92	78		
472-92	2-92	79		
472-93	2-92	80		
472-94	2-92	81		
472-95	2-92	82		
472-96	2-92	83		
472-97	2-92	84		
472-98	2-92	85		
473-52	2-90	7		0H1d
473-53	2-90	8		0H2c
473-54	2-90	9		
473-55	2-90	10		
1 ROW, PITCH MISC.				
467-55	2-96	26		
468-07	2-96	27		
2 ROWS, PITCH MISC.				
469-9	2-114	20		0H13e
470-0	2-114	21		0H12e
471-1	2-114	22		0H13f
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2 ROWS				
467-83	2-122	63		
468-84	2-122	64		
PLUGS, DIN				
2 ROWS				
B32M (A)	2-136	62		999P1
B32M (B)	2-136	63		999P1
B64M (A)	2-140	35		999P1
B64M (B)	2-140	36		999P1
D32M	2-136	64		999P12
F48M	2-138	19		999P14
H15M	2-132	28		999P20
MINI B32M	2-136	65		999P5
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C64M (A)	2-144	37		999P3
C64M (B)	2-144	38		999P3
C64M (C)	2-144	39		999P3
C64M (D)	2-144	40		999P3
C96M (A)	2-146	24		999P3
C96M (B)	2-146	25		999P3
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M60+4M	2-144	41		999P22	1 ROW, PITCH .100" (2.54mm)				
M78+2M	2-144	44		999P22	BSW-136 (A)	2-32	6		SMI22
R64M	2-144	42		999P9	ESS-132	2-30	73		SMI11
R96M	2-146	26		999R9	HLS-120	2-30	51		SMI07
TRANSITION, PC BOARD MOUNT					HSS-132 (A)	2-30	74		SMI03
1 ROW					HSS-132 (B)	2-30	75		SMI03
468-6	2-156	26			ICC-120 (A)	2-30	52		SMI24
468-7	2-156	27			ICC-120 (B)	2-30	53		SMI24
2 ROWS					ICK-120 (A)	2-30	54		SMI24
468-3	2-156	68			ICK-120 (B)	2-30	55		SMI24
4 ROWS					SL-132	2-30	76		SMI05
468-1	2-158	24		0P11c	SMH-136 (A)	2-32	7		SMI16
TRANSITION, SOCKET MOUNT					SMH-136 (B)	2-32	8		SMI16
DIP SOCKET					SMH-136 (C)	2-32	9		SMI16
467-7	2-160	43		0P7f	SS-132 (A)	2-30	77		SMI01
471-18	2-160	52		0R22f	SS-132 (B)	2-30	78		SMI01
471-3	2-160	44		0P7g	SS-220	2-30	56		SMI01
ROBINSON NUGENT, INC. (RNI)					SSA-132 (A)	2-30	79		SMI24
SOCKETS, TWO-PIECE					SSA-132 (B)	2-30	80		SMI24
1 ROW					SSB-1	2-32	37		SMI10
SBQ	2-20	62	RNI05	107R2	SSK-136 (A)	2-32	10		SMI21
2 ROWS					SSK-136 (B)	2-32	11		SMI21
IDS (A)	2-24	67		107R3	SST-120	2-30	57		SMI09
IDS (B)	2-24	68		107R3	SSW-136 (A)	2-32	12		SMI14
SOCKETS, D-TYPE					SSW-136 (B)	2-32	13		SMI14
2 ROWS					STS-132 (B)	2-30	81		SMI12
DPM	2-48	1	RNI01	107R1	1 ROW, PITCH MISC.				
DPP	2-48	2	RNI01	107R1	BSW-136 (C)	2-34	32		SMI22
SOCKETS, DIN					SMS-136	2-34	33		SMI25
1 ROW					SS-310	2-32	55		SMI01
RNEC32F (B)	2-56	85	RNI03	999R4	2 ROWS, PITCH .100" (2.54mm)				
2 ROWS					BSW-136 (B)	2-36	76		SMI22
RNEC32F (A)	2-62	33	RNI03	999R4	ESD-136	2-34	69		SMI11
RNEC64F (A)	2-66	18	RNI03	999R4	SD-136	2-34	70		SMI01
RNEC64F (B)	2-66	19	RNI03	999R4	SD-225	2-34	54		SMI01
3 ROWS					SDL-136	2-34	71		SMI05
RNEC96F (A)	2-72	15	RNI03	999R4	SMH-136 (D)	2-36	77		SMI16
RNEC96F (B)	2-72	16	RNI03	999R4	SMH-136 (E)	2-36	78		SMI16
PLUGS, HEADER					SMH-136 (F)	2-36	79		SMI16
1 ROW, PITCH .100" (2.54mm)					SSW-136 (C)	2-36	80		SMI14
NSH (A)	2-92	76	RNI04	0H1at	SSW-136 (D)	2-36	81		SMI14
NSH (B)	2-92	77	RNI04	0H2bc	PLUGS, TWO-PIECE				
2 ROWS, PITCH .100" (2.54mm)					1 ROW				
IDH (A)	2-106	54		107P1	IMD-32	2-80	49		SMI29
IDH (B)	2-106	55		107P1	2 ROWS				
PLUGS, DIN					IDMD-32	2-82	64		SMI27
1 ROW					PLUGS, HEADER				
RNEC32M (B)	2-130	79	RNI02	999P3	1 ROW, PITCH .100" (2.54mm)				
2 ROWS					BBL-132	2-90	83		SMI06
RNEC32M (A)	2-136	61	RNI02	999P3	BBS-132	2-90	84		SMI06
RNEC64M (A)	2-140	33	RNI02	999P3	BHS-132	2-90	85		SMI06
RNEC64M (B)	2-140	34	RNI02	999P3	DW-36 (A)	2-92	86		SMI18
3 ROWS					EW-36 (A)	2-92	87		SMI18
RNEC96M (A)	2-146	22	RNI02	999P3	HLT-120	2-90	44		SMI08
RNEC96M (B)	2-146	23	RNI02	999P3	HTS-132 (A)	2-90	86		SMI04
TRANSITION, SOCKET MOUNT					HTS-132 (B)	2-90	87		SMI04
DIP SOCKET					LBS-136 (A)	2-92	88		SMI28
IDL (A)	2-160	65		107H1	LCW-136 (A)	2-94	1		SMI20
IDL (B)	2-160	66		107H1	LCW-136 (B)	2-94	2		SMI20
IDP (A)	2-160	41		107H2	MTSW (A)	2-94	3		SMI17
IDP (B)	2-160	42		107H2	MTSW (B)	2-94	4		SMI17
SAMTEC, INC. (SMI)					STS-132 (A)	2-90	88		SMI12
SOCKETS, TWO-PIECE					TMH-136 (A)	2-94	5		SMI15
1 ROW					TMH-136 (B)	2-94	6		SMI15
IDD-36 (A)	2-20	63	SMI29		TS-132 (A)	2-92	1		SMI02
IDS-36 (A)	2-20	64	SMI29		TS-132 (B)	2-92	2		SMI02
IDSS-36	2-20	65	SMI27		TSB-1	2-94	88		SMI10
2 ROWS					TSW-136 (A)	2-94	7		SMI13
IDD-36 (B)	2-24	88	SMI29		TSW-136 (B)	2-94	8		SMI13
IDS-36 (B)	2-26	1	SMI29		ZW-36 (A)	2-94	9		SMI18
IDSD-36	2-26	2	SMI27		1 ROW, PITCH MISC.				
					TMS-136 (A)	2-100	2		SMI26
					TMS-136 (B)	2-100	3		SMI26
					TS-310	2-96	28		SMI02
					2 ROWS, PITCH .100" (2.54mm)				
					BBD-136	2-102	32		SMI06
					BDL-136	2-102	33		SMI06
					BST-136 (A)	2-110	48		SMI19
					BST-136 (B)	2-110	49		SMI19
					DW-36 (B)	2-110	50		SMI18
					EW-36 (B)	2-110	51		SMI18
					LBS-136 (B)	2-110	52		SMI28
					MTSW (C)	2-110	53		SMI17
					MTSW (D)	2-110	54		SMI17

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STWD-36 (B)	2-102	35	SMI23		JS	2-152	5		33P7
STWD-38 (A)	2-102	40	SMI23		MAF2-8	2-152	6		33P11
STWD-38 (B)	2-102	41	SMI23		NE SERIES	2-152	7		33P12
TD-136 (A)	2-102	36	SMI02	0H3h	S SERIES	2-152	8		33P5
TD-136 (B)	2-102	37	SMI02	0H4p	SG SERIES	2-152	9		33P9
TMH-136 (C)	2-110	55	SMI15		SS SERIES	2-152	10		33P2
TMH-136 (D)	2-110	56	SMI15		SSK SERIES	2-152	11		33P3
TSW-136 (C)	2-110	57	SMI13		2 ROWS				
TSW-136 (D)	2-110	58	SMI13		G	2-152	85		33P6
ZW-36 (B)	2-110	59	SMI18		H-2	2-154	1		33P4
					HL-2	2-154	2		33P10
TRANSITION, SOCKET MOUNT					SHYARO CHI ENTERPRISE CO., LTD. (SCEC)				
DIP SOCKET					SOCKETS, EDGE CARD				
IDCP	2-160	45	SMI30		2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)				
IDP	2-160	46	SMI31		SCE-20	2-8	35	SCEC05	0R12e
SCANBEE DIV. OF ZERO CORP. (SCB)					SOCKETS, HEADER				
SOCKETS, HEADER					1 ROW, PITCH MISC.				
1 ROW, PITCH .100" (2.54mm)					PHU-2	2-34	19	SCEC09	9H5
72220									
2-30	50	SCB01	0R28b		SOCKETS, D-TYPE				
SCHROFF, INC. (SCF)					2 ROWS				
SOCKETS, DIN					SCD-9S				
2 ROWS					SCD-9SR				
B32F (A)	2-62	38		999R2	SCD-9SRL				
B32F (B)	2-62	39		999R2					
B64F	2-66	25		999R2					
C32F	2-62	40		999R6	PLUGS, HEADER				
C50F	2-62	73			1 ROW, PITCH .100" (2.54mm)				
C64F (A)	2-66	26		999R6	PLS01R				
C64F (B)	2-66	27		999R6	PLS01S				
D32F	2-62	41		999R13					
F32F (A)	2-62	42		999R15	1 ROW, PITCH MISC.				
F32F (B)	2-62	43		999R15	PWL-2				
H15F	2-58	24		999R21	PWR-2				
Mini C32F (A)	2-62	44		999R8	PWT-2				
Mini C32F (B)	2-62	45		999R8	WF002				
M31F	2-58	38		999R23					
3 ROWS					2 ROWS, PITCH .100" (2.54mm)				
C96F	2-72	20		999R6	PLD01R				
F48F (A)	2-70	3		999R15	PLD01S				
F48F (B)	2-70	4		999R15	SCM-16R				
Mini C48F (A)	2-70	5		999R8	SCM-16S				
Mini C48F (B)	2-70	6		999R8					
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B32M (A)	2-130	80		999P1	SCD-9P				
2 ROWS					SCD-9PR				
B32M (B)	2-136	66		999P1	SCD-9PRL				
B64M (A)	2-140	37		999P1	TRANSITION, PC BOARD MOUNT				
B64M (B)	2-140	38		999P1	2 ROWS				
C32M	2-136	67		999P3	SCF-10				
C50M	2-138	20							
C64M (A)	2-140	39		999P3	SMK ELECTRONICS (SMK)				
C64M (B)	2-140	40		999P3	SOCKETS, EDGE CARD				
D32M	2-136	68		999P12	2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)				
F32M	2-136	69		999P14	PS-500				
H15M	2-132	29		999P20					
Mini C32M	2-136	70		999P7	2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm)				
M31M	2-132	49		999P22	PS-400				
3 ROWS					SOCKETS, TWO-PIECE				
C96M (A)	2-146	27		999P3	2 ROWS				
C96M (B)	2-146	28		999P3	CSS5021 (A)				
F48M	2-144	3		999P14	CSS5021 (B)				
Mini C48M	2-144	4		999P7	S-I2204				
SHAXON INTERNATIONAL LTD. (SHXC)					S-I2364				
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2 ROWS					2-22 54 17R4				
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2 ROWS					1 ROW, PITCH .100" (2.54mm)				
SM-9M	2-124	71		0G01	FH (A)				
SM-9RM	2-124	72		0P10o	FH-2				
SM-9RPM	2-118	37		0G01	FV				
SHIN-ETSU POLYMER AMERICA INC. (SPA)					LP (A)				
PLUGS, SPECIAL APPLICATION					PB (A)				
1 ROW					SP (A)				
AF-2	2-152	1		33P1	1 ROW, PITCH MISC.				
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JC	2-152	3		33P8	MI-2 (A)				
					MP (A)				
					MP-2 (A)				
					PB-2 (B)				
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					8ISFD	2-44	12	SOU01	0G01
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					8STFD	2-44	13	SOU01	0G01
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2 ROWS									
S-12857	2-80	68		17P1	D-SERIES (J)	2-52	26	SOU01	0G01
PLUGS, HEADER									
1 ROW, PITCH .100" (2.54mm)									
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LP (B)	2-90	15		17H18	DB-SERIES (K)	2-52	28	SOU01	0G01
LP (C)	2-90	16		17H19	DB-SERIES (L)	2-52	29	SOU01	0G01
PB (B)	2-90	19		17H23	DJ-SUB (F)	2-52	30	SOU05	0G01
SP (B)	2-90	17		17H6	DJP-SUB (J)	2-52	31	SOU07	66R11
SP (C)	2-90	18		17H7	DJP-SUB (L)	2-52	32	SOU07	66R11
W-P69	2-90	3		17H29	DM-SERIES (J)	2-52	33	SOU03	0G01
					DM-SERIES (L)	2-52	34	SOU03	0G01
					DP-SERIES (H)	2-50	25	SOU01	66R14
1 ROW, PITCH MISC.									
CPB28	2-96	60		17H30	DP-SERIES (K)	2-52	35	SOU01	0G01
MI-2 (B)	2-96	11		17H21	DP-SERIES (L)	2-52	36	SOU01	0G01
MP (B)	2-96	61		17H9	DTP-SERIES (J)	2-52	37	SOU02	66R6
MP (C)	2-96	62		17H10	DTP-SERIES (L)	2-52	38	SOU02	66R6
MP-2 (B)	2-96	63		17H12	DTP-SUB (J)	2-52	39	SOU06	0G01
MP-2 (C)	2-96	64		17H13	DTP-SUB (L)	2-52	40	SOU06	0G01
PB-2 (A)	2-98	25		17H24	FD-SERIES (J)	2-52	41	SOU01	0G01
UP (B)	2-96	36		17H15	FD-SERIES (L)	2-52	42	SOU01	0G01
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JP-3	2-156	3		17R10	SERIES HE11 (B)	2-56	87	DIN04	999R32
					SERIES HE11 (D)	2-56	23	DIN04	999R32
					SERIES Q (B)	2-56	88	DIN04	999R31
					SERIES Q (D)	2-56	24	DIN04	999R31
SOURIAU, INC. (SOU)					2 ROWS				
SOCKETS, TWO-PIECE									
2 ROWS									
838-SERIES (B)	2-26	27	SOU04	66R8	SERIES B (A)	2-66	28	DIN04	999R2
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2 ROWS									
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D-SERIES (D)	2-42	32	SOU01	0G01	SERIES C (D)	2-62	47	DIN04	999R4
D-SERIES (F)	2-48	7	SOU01	0G01	SERIES D (A)	2-62	48	DIN04	999R13
D-SERIES (H)	2-48	8	SOU01	0G01	SERIES F (B)	2-62	49	DIN04	999R15
DB-SERIES (C)	2-42	33	SOU01	0G01	SERIES F (C)	2-62	50	DIN04	999R15
DB-SERIES (D)	2-42	34	SOU01	0G01	SERIES HE11 (A)	2-66	30	DIN04	999R32
DB-SERIES (G)	2-48	9	SOU01	0G01	SERIES HE11 (C)	2-62	51	DIN04	999R32
DB-SERIES (H)	2-48	10	SOU01	0G01	SERIES HE11 (F)	2-66	31	DIN04	999R32
DJ-SUB (B)	2-42	35	SOU05	0G01	SERIES HE11 (H)	2-62	52	DIN04	999R32
DJ-SUB (D)	2-48	11	SOU05	0G01	SERIES H15 (A)	2-58	25	DIN04	999R21
DJP-SUB (B)	2-42	36	SOU07	66R11	SERIES Q (A)	2-66	32	DIN04	999R31
DJP-SUB (D)	2-42	37	SOU07	66R11	SERIES Q (C)	2-62	53	DIN04	999R31
DJP-SUB (F)	2-48	12	SOU07	66R11	SERIES R (B)	2-66	33	DIN04	999R10
DJP-SUB (H)	2-48	13	SOU07	66R11	SERIES R (D)	2-62	54	DIN04	999R10
DM-SERIES (A)	2-48	14	SOU03	0G01	3 ROWS				
DM-SERIES (B)	2-42	38	SOU03	0G01	SERIES C (A)	2-72	21	DIN04	999R4
DM-SERIES (D)	2-42	39	SOU03	0G01	SERIES C (C)	2-70	7	DIN04	999R4
DM-SERIES (F)	2-48	15	SOU03	0G01	SERIES E (A)	2-70	8	DIN04	999R25
DP-SERIES (C)	2-42	40	SOU01	0G01	SERIES F (A)	2-70	9	DIN04	999R15
DP-SERIES (D)	2-42	41	SOU01	0G01	SERIES HE11 (E)	2-72	22	DIN04	999R32
DP-SERIES (G)	2-48	16	SOU01	0G01	SERIES HE11 (G)	2-70	10	DIN04	999R32
DTP-SERIES (B)	2-42	42	SOU02	66R6	SERIES M (A)	2-66	68	DIN04	999R23
DTP-SERIES (D)	2-42	43	SOU02	66R6	SERIES R (A)	2-72	23	DIN04	999R10
DTP-SERIES (F)	2-48	17	SOU02	66R6	SERIES R (C)	2-70	11	DIN04	999R10
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DTP-SUB (B)	2-42	44	SOU06	0G01	SERIES G (A)	2-72	34	DIN04	999R17
DTP-SUB (D)	2-42	45	SOU06	0G01	PLUGS, TWO-PIECE				
DTP-SUB (F)	2-48	19	SOU06	0G01	2 ROWS				
DTP-SUB (H)	2-48	20	SOU06	0G01	838-SERIES (A)				
FD-SERIES (B)	2-42	46	SOU01	0G01	2-84	71	SOU04	66P6	
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					D-SERIES (A)	2-118	38	SOU01	0G01
					D-SERIES (C)	2-118	39	SOU01	0G01
					D-SERIES (E)	2-122	65	SOU01	0G01
					D-SERIES (G)	2-122	66	SOU01	0G01
					DB-SERIES (A)	2-118	40	SOU01	0G01
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DJP-SUB (E)	2-122	70	SOU07	0G01	SERIES C (E)	2-146	29	DIN04	999P3
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DM-SERIES (C)	2-118	46	SOU03	0G01	SERIES E (C)	2-144	7	DIN04	999P24
DM-SERIES (E)	2-122	72	SOU03	0G01	SERIES F (D)	2-144	8	DIN04	999P14
DM-SERIES (G)	2-122	73	SOU03	0G01	SERIES F (G)	2-144	9	DIN04	999P14
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DP-SERIES (B)	2-118	48	SOU01	0G01	SERIES F (N)	2-144	11	DIN04	999P14
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FDRA (J)	2-122	83	SOU01	66P2b	703-002	2-48	29		0G01
FDRA (K)	2-122	84	SOU01	66P2c	703-003	2-48	30		0G01
FDRA (L)	2-122	85	SOU01	66P2d	703-004	2-48	31		0G01
8RAFD (A)	2-122	86	SOU01	0G01	703-005	2-48	32		0G01
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D-SERIES (K)	2-126	87	SOU01	0G01	703-036	2-48	35		0G01
DB-SERIES (I)	2-126	88	SOU01	0G01	704-001	2-48	36		0G01
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DJP-SUB (I)	2-128	3	SOU07	0G01	704-004	2-48	39		0G01
DJP-SUB (K)	2-128	4	SOU07	0G01	704-005	2-48	40		0G01
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DTP-SUB (I)	2-128	11	SOU06	0G01	743-002	2-52	48		0R42b
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FDRA (Q)	2-128	15	SOU01	0G01	743-021	2-52	52		0R42b
FDRA (R)	2-128	16	SOU01	66P2b	743-022	2-52	53		0R42b
FDRA (S)	2-128	17	SOU01	66P2c	743-023	2-52	54		0R42b
FDRA (T)	2-128	18	SOU01	66P2d	743-033	2-52	55		0R42b
PLUGS, DIN					744-001	2-52	56		0R43d
1 ROW					744-002	2-52	57		0R43d
SERIES B (F)	2-130	81	DIN04	999P1	744-003	2-52	58		0R43d
SERIES B (H)	2-130	25	DIN04	999P1	744-004	2-52	59		0R43d
SERIES HE11 (J)	2-130	82	DIN04	999P28	744-005	2-52	60		0R43d
SERIES HE11 (L)	2-130	26	DIN04	999P28	744-006	2-52	61		0R43d
SERIES Q (F)	2-130	83	DIN04	999P27	744-007	2-52	62		0R43d
SERIES Q (H)	2-130	27	DIN04	999P27	744-008	2-52	63		0R43d
2 ROWS					744-009	2-52	64		0R43d
SERIES B (E)	2-140	41	DIN04	999P1	PLUGS, D-TYPE				
SERIES B (G)	2-136	71	DIN04	999P1	2 ROWS				
SERIES C (F)	2-140	42	DIN04	999P3	701-001	2-122	87		0G01
SERIES C (H)	2-136	72	DIN04	999P3	701-002	2-122	88		0G01
SERIES D (B)	2-136	73	DIN04	999P12	701-003	2-124	1		0G01
SERIES F (E)	2-136	74	DIN04	999P14	701-004	2-124	2		0G01
SERIES F (F)	2-136	75	DIN04	999P14	701-005	2-124	3		0G01
SERIES F (H)	2-136	76	DIN04	999P14	701-028	2-124	4		0G01
SERIES F (I)	2-136	77	DIN04	999P14	701-029	2-124	5		0G01
SERIES F (J)	2-136	78	DIN04	999P14	701-030	2-124	6		0G01
SERIES F (L)	2-136	79	DIN04	999P14	701-047	2-124	7		0G01
SERIES F (M)	2-136	80	DIN04	999P14	702-001	2-124	8		0P10f
SERIES F (O)	2-136	81	DIN04	999P14	702-002	2-124	9		0P10f
SERIES F (P)	2-136	82	DIN04	999P14	702-003	2-124	10		0P10f
SERIES F (Q)	2-136	83	DIN04	999P14	702-004	2-124	11		0P10f
SERIES HE11 (I)	2-140	43	DIN04	999P28	702-005	2-124	12		0P10f
SERIES HE11 (K)	2-136	84	DIN04	999P28					
SERIES HE11 (N)	2-140	44	DIN04	999P28					
SERIES HE11 (P)	2-136	85	DIN04	999P28					
SERIES H15 (B)	2-132	30	DIN04	999P20					

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SPECTRUM CONTROL, INC. (Cont.)					PXC36DBAN 2-110 61 0H4ah				
702-007	2-124	13		0P10f	PZC36DAAN	2-110	62		0H3w
702-008	2-124	14		0P10f	PZC36DBAN	2-110	63		0H4ah
702-009	2-124	15		0P10f	TEKA PRODUCTS INC. (TPI)				
702-013	2-124	16		0P10f	SOCKETS, EDGE CARD				
3 ROWS					2 ROWS, SINGLE READOUT, PITCH .156" (3.95mm)				
741-001	2-128	19		0P17c	04	2-6	1	TPI02	69R2b
741-002	2-128	20		0P17c	2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)				
741-003	2-128	21		0P17c	01	2-10	12	TPI02	69R1a
741-004	2-128	22		0P17c	02	2-10	13	TPI02	69R1b
741-005	2-128	23		0P17c	2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm)				
741-027	2-128	24		0P17c	03	2-12	82	TPI02	69R2a
741-028	2-128	25		0P17c	06	2-12	38	TPI02	69R4
741-029	2-128	26		0P17c	10	2-12	37	TPI02	69R5
741-042	2-128	27		0P17c	2 ROWS, DOUBLE READOUT, PITCH MISC.				
742-001	2-128	28		0P21c	05	2-18	5	TPI02	69R3
742-002	2-128	29		0P21c	SOCKETS, HEADER				
742-003	2-128	30		0P21c	1 ROW, PITCH .100" (2.54mm)				
742-004	2-128	31		0P21c	TKO (A)	2-32	21	TPI01	69H3
742-005	2-128	32		0P21c	TKO (C)	2-32	31	TPI01	69H2
742-006	2-128	33		0P21c	TKO (E)	2-32	32	TPI01	69H1
742-007	2-128	34		0P21c	083 (A)	2-32	33	TPI03	69H7c
742-008	2-128	35		0P21c	083 (B)	2-32	34	TPI03	69H7a
742-009	2-128	36		0P21c	083 (C)	2-32	35	TPI03	69H7c
SULLINS ELECTRONICS CORP. (SUL)					083 (D)				
SOCKETS, EDGE CARD					2 ROWS, PITCH .100" (2.54mm)				
1 ROW, SINGLE READOUT, PITCH .100" (2.54mm)					TKO (B)	2-36	88	TPI01	69H6
EZC (A)	2-2	20	SUL01	47R1	TKO (D)	2-38	18	TPI01	69H5
EZC (B)	2-2	21	SUL01	47R1	TKO (F)	2-38	19	TPI01	69H4
EZC (E)	2-2	27	SUL01	47R2	083 (E)	2-38	20	TPI03	69H7d
EZC (F)	2-2	28	SUL01	47R2	083 (F)	2-38	21	TPI03	69H7b
1 ROW, SINGLE READOUT, PITCH .156" (3.95mm)					083 (G)	2-38	22	TPI03	69H7d
EZM (A)	2-2	81	SUL01	47R7	083 (H)	2-38	23	TPI03	69H7b
EZM (D)	2-2	82	SUL01	47R7	2 ROWS, PITCH MISC.				
EZM (F)	2-2	83	SUL01	47R8	093 (A)	2-38	80	TPI03	69H8a
EZM (H)	2-2	84	SUL01	47R8	093 (B)	2-38	81	TPI03	69H8b
EZM (J)	2-4	5	SUL01	47R9	093 (C)	2-38	82	TPI03	69H8a
EZM (L)	2-2	85	SUL01	47R10	093 (D)	2-38	83	TPI03	69H8b
EZM (O)	2-4	1	SUL01	47R10	SOCKETS, DIN				
1 ROW, SINGLE READOUT, PITCH MISC.					1 ROW				
EZA (A)	2-4	32	SUL01	47R3	073-32114 (A)	2-58	1	DIN03	999R4
EZA (B)	2-4	33	SUL01	47R3	073-32144 (A)	2-58	2	DIN03	999R4
EZA (E)	2-4	34	SUL01	47R4	073-32914 (A)	2-58	3	DIN03	999R4
EZA (F)	2-4	35	SUL01	47R4	2 ROWS				
EZA (I)	2-4	36	SUL01	47R5	073-32114 (B)	2-62	55	DIN03	999R4
EZJ (A)	2-4	21	SUL01	47R6	073-32144 (B)	2-62	56	DIN03	999R4
2 ROWS, SINGLE READOUT, PITCH .156" (3.95mm)					073-32914 (B)	2-62	57	DIN03	999R4
EZM (C)	2-4	78	SUL01	47R7	073-64114 (A)	2-66	34	DIN03	999R4
EZM (N)	2-4	79	SUL01	47R10	073-64114 (B)	2-66	35	DIN03	999R4
2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)					073-64114 (C)	2-66	36	DIN03	999R4
EZC (C)	2-10	30	SUL01	47R1	073-64144 (A)	2-66	37	DIN03	999R4
EZC (D)	2-10	31	SUL01	47R1	073-64144 (B)	2-66	38	DIN03	999R4
EZC (G)	2-10	49	SUL01	47R2	073-64144 (C)	2-66	39	DIN03	999R4
EZC (H)	2-10	50	SUL01	47R2	073-64914 (A)	2-66	40	DIN03	999R4
2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm)					073-64914 (B)	2-66	41	DIN03	999R4
EZM (B)	2-12	76	SUL01	47R7	073-64914 (C)	2-66	42	DIN03	999R4
EZM (E)	2-12	77	SUL01	47R7	3 ROWS				
EZM (G)	2-12	78	SUL01	47R8	073-96114	2-72	24	DIN03	999R4
EZM (I)	2-12	79	SUL01	47R8	073-96144	2-72	25	DIN03	999R4
EZM (K)	2-14	11	SUL01	47R9	073-96914	2-72	26	DIN03	999R4
EZM (M)	2-12	80	SUL01	47R10	PLUGS, HEADER				
EZM (P)	2-12	81	SUL01	47R10	2 ROWS, PITCH .100" (2.54mm)				
2 ROWS, DOUBLE READOUT, PITCH MISC.					082 (A)	2-102	38	TPI04	69H9a
EZA (C)	2-16	88	SUL01	47R3	082 (B)	2-102	39	TPI04	69H9b
EZA (D)	2-18	1	SUL01	47R3	082 (C)	2-110	64	TPI04	69H9c
EZA (G)	2-18	2	SUL01	47R4	082 (D)	2-110	65	TPI04	69H9d
EZA (H)	2-18	3	SUL01	47R4	PLUGS, DIN				
EZA (J)	2-18	4	SUL01	47R5	1 ROW				
EZJ (B)	2-16	29	SUL01	47R6	072-32114 (A)	2-130	84	DIN03	999P3
SOCKETS, D-TYPE					072-32914 (A)	2-130	85	DIN03	999P3
2 ROWS					072-32944 (A)	2-130	86	DIN03	999P3
DZF	2-48	45	SUL02	0G01	2 ROWS				
PLUGS, HEADER					072-32114 (B)	2-136	88	DIN03	999P3
1 ROW, PITCH .100" (2.54mm)					072-32914 (B)	2-138	1	DIN03	999P3
PXC36SAAN	2-94	10		0H1z	072-32944 (B)	2-138	2	DINP3	999P3
PXC36SBAN	2-94	11		0H2ak	072-64114 (A)	2-140	47	DIN03	999P3
PZC36SAAN	2-94	12		0H1z	072-64114 (B)	2-140	48	DIN03	999P3
PZC36SBAN	2-94	13		0H2ak	072-64114 (C)	2-140	49	DIN03	999P3
2 ROWS, PITCH .100" (2.54mm)									
PXC36DAAN	2-110	60		0H3w					

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TEKA PRODUCTS INC. (Cont.)					RIGHT ANGLE-D (D)				
072-64914 (A)	2-140	50	DIN03	999P3		2-52	67	TXT02	0G01
072-64914 (B)	2-140	51	DIN03	999P3	SOCKETS, DIN				
072-64914 (C)	2-140	52	DIN03	999P3	1 ROW				
072-64944 (A)	2-140	53	DIN03	999P3	BA32F (A)	2-58	15	TXT07	999R2
072-64944 (B)	2-140	54	DIN03	999P3	BA32F (B)	2-58	4	TXT07	999R2
072-64944 (C)	2-140	55	DIN03	999P3	BB32F (A)	2-58	5	TXT07	999R2
					BB32F (B)	2-58	6	TXT07	999R2
3 ROWS					2 ROWS				
072-96114	2-146	32	DIN03	999P3	B064F (A)	2-66	43	TXT07	999R2
072-96914	2-146	33	DIN03	999P3	B064F (B)	2-66	44	TXT07	999R2
072-96944	2-146	34	DIN03	999P3	C/2B32F (A)	2-62	58	TXT05	999R8
TELEDYNE KINETICS . (TKN)					C/2B32F (B)				
PLUGS, SPECIAL APPLICATION					C/2032F (A)				
1 ROW					C/2032F (B)				
A201	2-152	40		0G01	CB64F (A)	2-66	45	TXT04	999R4
A202	2-152	41		0G01	CB64F (B)	2-66	46	TXT04	999R4
A203	2-152	76		0G01	C064F (A)	2-66	47	TXT04	999R4
A301	2-152	29		0G01	C064F (B)	2-66	48	TXT04	999R3
A302	2-152	30		0G01	D016F (A)	2-58	34	TXT08	999R13
A303	2-152	57		0G01	D016F (B)	2-58	35	TXT08	999R13
A401	2-152	12		0G01	D032F (A)	2-62	62	TXT08	999R13
A402	2-152	13		0G01	D032F (B)	2-62	63	TXT08	999R13
A403	2-152	14		0G01	ID064-SR (A)	2-66	49		999R29
A404	2-152	38		0G01	ID064F (A)	2-66	50		999R29
B201	2-152	75		0G01	ID064F-SR (A)	2-66	51		999R29
B201U (A)	2-152	52		0G01	R064F (A)	2-66	52	TXT06	999R10
B201U (B)	2-152	66		0G01	R064F (B)	2-66	53	TXT06	999R10
B201U (C)	2-152	72		0G01	3 ROWS				
B202U (A)	2-152	53		0G01	C/2048F (A)	2-70	12	TXT05	999R8
B202U (B)	2-152	67		0G01	C/2048F (B)	2-70	13	TXT05	999R8
B203U (A)	2-152	54		0G01	C096F (A)	2-72	27	TXT04	999R4
B203U (B)	2-152	68		0G01	C096F (B)	2-72	28	TXT04	999R4
B204U	2-152	69		0G01	R048F (A)	2-70	14	TXT06	999R10
B210U	2-152	70		0G01	R048F (B)	2-70	15	TXT06	999R10
B301	2-152	31		0G01	R096F (A)	2-72	29	TXT06	999R10
B302	2-152	32		0G01	R096F (B)	2-72	30	TXT06	999R10
B303	2-152	61		0G01	SOCKETS, CENTRONICS				
B304	2-152	62		0G01	2 ROWS				
B401	2-152	15		0G01	RIGHT ANGLE PCB (B)				
B402	2-152	16		0G01		2-76	30		55R5
B404	2-152	17		0G01	PLUGS, HEADER				
B405	2-152	18		0G01	2 ROWS, PITCH .100" (2.54mm)				
B406 (A)	2-152	19		0G01	HS40-R	2-102	67		0H2i
B406 (B)	2-152	46		0G01	HS80	2-112	36		0H3i
B407	2-152	20		0G01	HS80-R	2-112	37		0H4ad
B408	2-152	21		0G01	IDH (A)	2-106	66	TXT10	55P6
B408U	2-152	63		0G01	IDH (B)	2-106	67	TXT10	55P6
B409U	2-152	47		0G01	LPH (A)	2-108	43		55P7
B410	2-152	55		0G01	LPH (B)	2-108	44		55P7
B411U	2-152	48		0G01	PLUGS, D-TYPE				
B412U (A)	2-152	51		0G01	2 ROWS				
B412U (B)	2-152	28		0G01	IDC-D (A)	2-124	20		0G01
B415U (A)	2-152	39		0G01	IDCL-D (A)	2-124	21		
B415U (B)	2-152	64		0G01	ORIGINAL-D (A)	2-124	22	TXT01	55P1
B419U	2-152	56		0G01	PLASTIC-D (A)	2-124	23	TXT03	0G01
B420U	2-152	65		0G01	RIGHT ANGLE-D (A)	2-124	24	TXT02	55P2
B421U	2-152	73		0G01	3 ROWS				
C401	2-152	22		0G01	ORIGINAL-D (C)	2-128	38	TXT01	55P1
C402	2-152	33		0G01	RIGHT ANGLE-D (C)	2-128	39	TXT02	55P2
C403	2-152	42		0G01	PLUGS, DIN				
C404	2-152	23		0G01	1 ROW				
C405	2-152	34		0G01	BA32M (A)	2-130	87	TXT07	999P1
C406	2-152	43		0G01	BA32M (B)	2-130	88	TXT07	999P1
C407	2-152	24		0G01	BB32M (A)	2-132	1	TXT07	999P1
C408	2-152	35		0G01	BB32M (B)	2-132	2	TXT07	999P1
C409	2-152	44		0G01	2 ROWS				
D201	2-152	36		0G01	B064M (A)	2-140	56	TXT07	999P1
D202	2-152	49		0G01	B064M (B)	2-140	57	TXT07	999P1
D203	2-152	59		0G01	C/2B32M (A)	2-138	3	TXT05	999P7
D204	2-152	37		0G01	C/2B32M (B)	2-138	4	TXT05	999P7
D205	2-152	50		0G01	C/2032M (A)	2-138	5	TXT05	999P7
D206	2-152	60		0G01	C/2032M (B)	2-138	6	TXT05	999P7
D401U	2-152	71		0G01	CB64M (A)	2-140	58	TXT04	999P3
TEX-TECHS INC. (TXT)					CB64M (B)				
SOCKETS, HEADER					C064M (A)				
2 ROWS, PITCH .100" (2.54mm)					C064M (B)				
IDS					D016M (A)				
	2-36	30	TXT09	55R6	D016M (B)	2-132	44	TXT08	999P12
SOCKETS, D-TYPE					D032M (A)				
2 ROWS					D032M (B)				
IDC-D (B)	2-48	50		55R4	R064M (A)	2-140	62	TXT06	999P9
IDCL-D (B)	2-48	51			R064M (B)	2-140	63	TXT06	999P9
ORIGINAL-D (B)	2-48	52	TXT01	0G01	3 ROWS				
PLASTIC-D (B)	2-48	53	TXT03	0G01	ORIGINAL-D (D)				
RIGHT ANGLE-D (B)	2-48	54	TXT02	0G01		2-52	66	TXT01	0G01

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TEX-TECHS INC. (Cont.)					SOCKETS, D-TYPE				
3 ROWS					2 ROWS				
C/2048M (A)	2-144	14	TXT05	999P7	DE-9S	2-48	46		0G01
C/2048M (B)	2-144	15	TXT05	999P7	DEL-9S	2-48	47		24R5
C096M (A)	2-146	35	TXT04	999P3	TE-9S (A)	2-48	48		24R2
C096M (B)	2-146	36	TXT04	999P3	TE-9S (B)	2-48	49		0G01
R048M (A)	2-144	16	TXT06	999P9					
R048M (B)	2-144	17	TXT06	999P9	3 ROWS				
R096M (A)	2-146	37	TXT06	999P9	DE-50S	2-52	65		0G01
R096M (B)	2-146	38	TXT06	999P9					
PLUGS, CENTRONICS					SOCKETS, HIGH PIN COUNT				
2 ROWS					2 ROWS				
RIGHT ANGLE PCB (A)	2-150	18		55P5	HDS-2	2-74	4		24R7
TRANSITION, PC BOARD MOUNT					3 ROWS				
2 ROWS					HDS-3	2-74	11		24R8
IDT2	2-156	79		55R9	4 ROWS				
					HDS-4	2-74	28		24R9
4 ROWS					PLUGS, TWO-PIECE				
IDT4	2-158	37		55R7	2 ROWS				
TRANSITION, SOCKET MOUNT					PC10P	2-86	2		24P6
DIP SOCKET					PLUGS, HEADER				
IDP (A)	2-160	20		55R8	2 ROWS, PITCH .100" (2.54mm)				
IDP (B)	2-160	48		55R8	H10-3 (A)	2-106	60		24H1
THOMAS & BETTS CORP. (TBC)					H10-3 (B)	2-106	61		24H1
SOCKETS, EDGE CARD					H10-6 (A)	2-106	62		24H1
2 ROWS, SINGLE READOUT, PITCH MISC.					H10-6 (B)	2-106	63		24H1
609 SERIES (L)	2-6	33		68R5	H10-7 (A)	2-106	64		24H1
SOCKETS, TWO-PIECE					H10-7 (B)	2-106	65		24H1
2 ROWS					PLUGS, D-TYPE				
609 SERIES (J)	2-24	11		68R3	2 ROWS				
609 SERIES (K)	2-24	36		68R4	DE-9P	2-124	17		0G01
PLUGS, TWO-PIECE					TE-9P (A)	2-124	18		24P3
2 ROWS					TE-9P (B)	2-124	19		0G01
609 SERIES (H)	2-82	73		68P9	3 ROWS				
609 SERIES (M)	2-84	34		68P10	DE-50P	2-128	37		0G01
PLUGS, HEADER					PLUGS, HIGH PIN COUNT				
2 ROWS, PITCH .100" (2.54mm)					2 ROWS				
500 SERIES (A)	2-106	58		68P8	HDP-2	2-148	5		24P7
500 SERIES (B)	2-106	59		68P8	3 ROWS				
609 SERIES (D)	2-108	35		68P3	HDP-3	2-148	12		24P8
609 SERIES (E)	2-108	36		68P4	4 ROWS				
609 SERIES (F)	2-108	37		68P5	HDP-4	2-148	27		24P9
609 SERIES (G)	2-108	38		68P4	TRANSITION, PC BOARD MOUNT				
612 SERIES (A)	2-108	39		68P5	1 ROW				
612 SERIES (B)	2-108	40		68P6	FPC (A)	2-156	19		24P12
700 SERIES (B)	2-108	41		68P7	FPC (B)	2-156	20		24P13
700 SERIES (C)	2-108	42		68P7	2 ROWS				
TRANSITION, PC BOARD MOUNT					FCD	2-156	63		24P1
2 ROWS					Z04-103	2-156	53		24P11
609 SERIES (B)	2-158	5		68P2	Z04-104	2-156	54		24P10
609 SERIES (C)	2-158	6		68R1	4 ROWS				
700 SERIES (A)	2-158	7		68R2	PCB	2-158	36		24P2
4 ROWS					U.S. COMPONENTS, INC. (UCI)				
609 SERIES (A)	2-158	35		68P1	SOCKETS, TWO-PIECE				
TRW - CONNECTOR DIV. (TRWN)					1 ROW				
SOCKETS, EDGE CARD					UPCC-FCDN-11	2-20	19		112R1
1 ROW, SINGLE READOUT, PITCH .156" (3.95mm)					UPCC-FCDN-15	2-20	30		112R1
50-6A	2-2	62		24R18	UPCC-FCDN-19	2-20	40		112R1
50-6SN	2-2	63		24R12	UPCC-FCDN-23	2-20	54		112R1
2 ROWS, DOUBLE READOUT, PITCH .100" (2.54mm)					UPCC-FCDN-32	2-20	61		112R1
50-10CP	2-8	59		24R11	UPCC-FCDN-7	2-20	3		112R1
50-15SN	2-8	60		24R13	2 ROWS				
50-30C	2-8	9		24R15	UPCC-SGFCDM29	2-22	84		112R2
50MC	2-6	52		24R10	UPCC-SGFCDN11	2-22	18		112R2
2 ROWS, DOUBLE READOUT, PITCH .156" (3.95mm)					UPCC-SGFCDN17	2-22	43		112R2
50-12A	2-10	66		24R18	UPCC-SGFCDN23	2-22	76		112R2
50-12SN	2-10	67		24R12	UPCC-SGFCDN35	2-24	5		112R2
50-20E	2-10	75		24R14	PLUGS, TWO-PIECE				
2 ROWS, DOUBLE READOUT, PITCH MISC.					1 ROW				
FCE	2-16	26		24R1	UPCC-M11	2-80	19		112P1
57-MR (A)	2-16	4		0G03	UPCC-M15	2-80	26		112P1
57-MR (B)	2-16	5		0G03	UPCC-M19	2-80	37		112P1
97-CP	2-16	32		24P14	UPCC-M23	2-80	47		112P1
97-CS	2-16	33		0G03	UPCC-M32	2-80	50		112P1
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2 ROWS					ADD Series	2-12	83	VKC09	0R15j
UPCC-SGM11	2-82	1		112P2	AE Series	2-12	84	VKC09	0R15j
UPCC-SGM17	2-82	26		112P2	AKC Series	2-12	85	VKC09	0R15j
UPCC-SGM23	2-82	50		112P2	AMD Series	2-12	86	VKC10	0R13am
UPCC-SGM29	2-82	60		112P2	AMK Series	2-12	87	VKC10	0R13am
UPCC-SGM35	2-82	71		112P2	AN Series	2-12	88	VKC09	0R15j
VERNITRON CORP. (VER)					2 ROWS, DOUBLE READOUT, PITCH MISC.				
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2 ROWS					CE Series				
AEDE09S	2-48	55	VER01	0G01	CN Series	2-18	8	VKC04	0R15g
AEDE09SC	2-48	56	VER01	85R8	CND Series	2-18	9	VKC04	0R15g
BDE09S	2-48	57	VER01	0G01	CNK Series	2-18	10	VKC05	0R13ak
BDE09SA	2-48	58	VER01	0G01	CV Series	2-18	11	VKC05	0R13ak
BDE09SC	2-48	59	VER01	0G01	HN Series	2-18	29	VKC04	0R15g
BDE09SF	2-48	60	VER01	0G01	HNG Series	2-18	29	VKC06	0R15h
BEDE09S	2-48	61	VER01	0G01	HV Series	2-16	42	VKC07	0R13al
BEDE09SA	2-48	62	VER01	0G01	HV Series	2-18	30	VKC06	0R15h
BEDE09SC	2-48	63	VER01	0G01	LV Series	2-18	18	VKC07	0R13al
BEDE09SF	2-48	64	VER01	0G01	LZ Series	2-18	19	VKC01	5R1
BEDE09SF	2-48	64	VER01	0G01				VKC01	5R1
SEDE09S	2-48	65	VER01	85R9				VKC01	5R1
TEDE09S	2-48	66	VER01	85R10				VKC01	5R1
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AEDD50SC	2-52	69	VER01	85R8	LMR				
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BDD50SA	2-52	71	VER01	0G01	2-26 32 5R4				
BDD50SC	2-52	72	VER01	0G01	2-24 69 5R3				
BDD50SF	2-52	73	VER01	0G01	3 ROWS				
BEDD50S	2-52	74	VER01	0G01	NORDIC Series (B)				
BEDD50SA	2-52	75	VER01	0G01	2-28 3 5R2				
BEDD50SC	2-52	76	VER01	0G01	SOCKETS, D-TYPE				
BEDD50SF	2-52	77	VER01	0G01	2 ROWS				
SEDD50S	2-52	78	VER01	85R9	DMR				
					DSR (A)				
					2-48 67 VKC13 0G01				
					2-48 68 VKC12 0G01				
PLUGS, D-TYPE					3 ROWS				
2 ROWS					DSR (B)				
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AEDE09PC	2-124	26	VER01	0G01	SOCKETS, DIN				
BDE09P	2-124	27	VER01	85P1	1 ROW				
BDE09PA	2-124	28	VER01	0G01	Type B16F				
BDE09PC	2-124	29	VER01	0G01	2-56 25 VKC16 999R2				
BDE09PF	2-124	30	VER01	0G01	Type B32F (A)				
BEDE09P	2-124	31	VER01	0G01	2-58 7 VKC16 999R2				
BEDE09PA	2-124	32	VER01	0G01	Type B32F (B)				
BEDE09PC	2-124	33	VER01	0G01	2-58 8 VKC16 999R2				
BEDE09PF	2-124	34	VER01	0G01	Type C16F				
SEDE09P	2-124	35	VER01	0G01	2-56 26 VKC16 999R4				
TEDE09P	2-124	36	VER01	0G01	Type C32F (A)				
ZDE09P	2-124	37	VER01	0G01	2-58 9 VKC16 999R4				
ZDE09PC	2-124	38	VER01	0G01	Type D16F (A)				
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					Type D16F (B)				
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AEDD50PC	2-128	41	VER01	0G01	2-62 64 VKC16 999R2				
BDD50P	2-128	42	VER01	85P1	Type B64F				
BDD50PA	2-128	43	VER01	0G01	2-66 54 VKC16 999R2				
BDD50PC	2-128	44	VER01	0G01	Type C32F (B)				
BDD50PF	2-128	45	VER01	0G01	2-62 65 VKC16 999R4				
BEDD50P	2-128	46	VER01	0G01	Type C32F (C)				
BEDD50PA	2-128	47	VER01	0G01	2-62 66 VKC16 999R4				
BEDD50PC	2-128	48	VER01	0G01	Type C64F (A)				
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219 TYPE M (B)	2-66	69		999R23	231 SERIES (G)				
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2 ROWS					3334 SERIES	2-24	66		0R22v
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50-16	2-156	47	WCH26	14P5	3399 SERIES	2-22	83		0R22r
71-13	2-156	41	WCH25	14P4	3414	2-24	4		0R22s
4 ROWS					3417	2-24	30		0R22t
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YAMAICHI ELECTRONICS INC. (YEI)					3425 SERIES	2-24	51		0R22u
SOCKETS, EDGE CARD					3452 SERIES	2-22	42		0R22p
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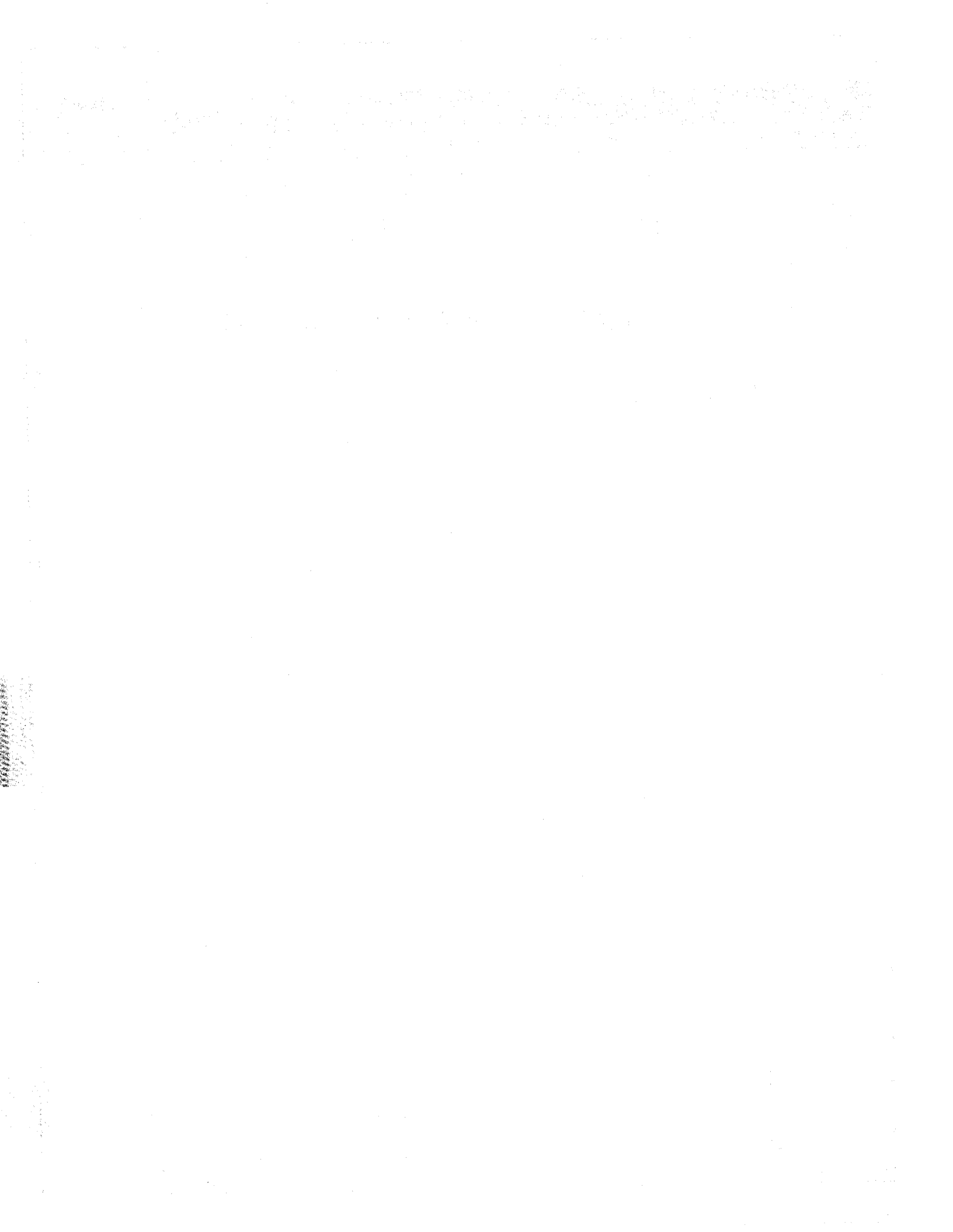
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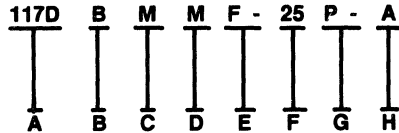
MANUFACTURERS' ORDERING KEYS

MANUFACTURERS' ORDERING KEYS

AAP15

ALLIED AMPHENOL PRODUCTS

EXAMPLE



F. CONFIGURATIONS

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G. CONTACT TYPE

P: pin; S: socket

H. TERMINATION

No designation: solder pot
F179: Wire Wrap (2 wraps)
F179-A: Wire Wrap (3 wraps)
Printed Circuit Board (see code-chart below)

A. SERIES

117-D

B. SHELL SIZE

E, A, B, C, D

C. MONOBLOC INSERT

M

D. CLASS

M for connectors to MIL-C-24308

E. MOUNTING

No designation standard diameter
122(3.1) mounting hole

E: 4.40 clinch nut for rear panel
and/or front PCB mounting

F: float front or rear panel mounting

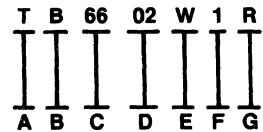
K: .154(3.91) diameter mounting holes

Code	Straight terminal	Right angle terminal	with metal brackets	Fig.	L ± .024(0.6)	Φ d
A		•	•	2	.126(3.20)	.040(1.02)
D		•	•	2	.126(3.20)	.029(0.76)
G		•	•	2	.157(4)	.040(1.02)
H	•			1	.157(4)	.040(1.02)
L		•	•	2	.157(4)	.029(0.76)
M	•			1	.157(4)	.029(0.76)
S		•	•	2	.181(4.6)	.029(0.76)
W		•	•	2	.181(4.6)	.040(1.02)
X	•			1	.181(4.6)	.040(1.02)
Z	•			1	.181(4.6)	.029(0.76)

MRC04

MIDLAND ROSS ELECTRONIC CONNECTOR DIVISION

EXAMPLE



A. PLATING CODE FOR CONTACTS

T - .00030 in. (.00762mm) tin/lead
C - .000010 in. (.000254mm) gold over nickel
R - Point of contact .000020 in. (.000508mm) gold over nickel, balance .000005(.000127) gold over nickel, balance .000005(.000127)
RT - Point of contact .000020 in. (.000508mm) gold over nickel, balance .00030 in. (.00762) tin/lead

B. CONNECTOR TYPE

B - Double row

C. SERIES CODE

Mfr. Identification Code

D. CONNECTOR SIZES

2 thru 60 contacts

E. CONTACT CONFIGURATION

W - .025 in. (0.64mm) square wire wrap

F. TAIL LENGTH

1 - .096 in. (2.44mm)
2 - .155 in. (3.94mm)
3 - .610 in. (15.49mm)

G. TAIL CONFIGURATION

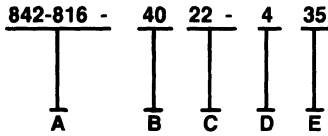
R - Right angle

MANUFACTURERS' ORDERING KEYS

AAP8

ALLIED AMPHENOL PRODUCTS

EXAMPLE



A. SERIES

842 - 816 -

B. NUMBER OF CONTACTS

-10 -20 -34 -60
-14 -26 -40 -64
-16 -30 -50

C. PIN CONFIGURATION

3-sided	4-sided	
27	37	= straight wire-wrap tail
29	39	= right-angle wire-wrap tail
20	30	= straight solder tail for .062 PCB
21	31	= straight solder tail for .125 PCB
22	32	= right-angle solder tail for .062 PCB
23	33	= right-angle solder tail for .125 PCB

E. PLATING

19 = 15 μ gold contact area, tin plated tails
35 = 30 μ gold contact area, tin plated tails
57 = 50 μ gold contact area, tin plated tails

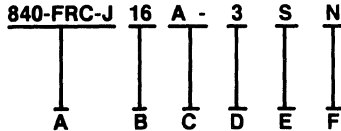
D. MOUNTING OPTIONS

0 = no L&E, no stud
1 = short L&E, no stud
2 = short L&E, short stud
3 = short L&E, long stud
4 = long L&E, no stud
5 = long L&E, short stud
6 = long L&E, long stud

AAP12

ALLIED AMPHENOL PRODUCTS

EXAMPLE



A. SERIES

840-FRC-J

B. NUMBER OF CONTACTS

- 10 - 34
- 16 - 40
- 20 - 50
- 26 - 60

C. COVER TYPE

A: Closed end

D. CONTACT PLATING

3 = Gold flash over nickel
5 = Tin

E. CONTACT ARRANGEMENT

S = Standard type
R = Reverse type

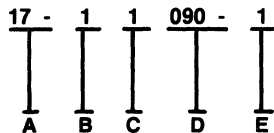
F. STRAIN RELIEF

N = Without

AAP14

ALLIED AMPHENOL PRODUCTS

EXAMPLE



A. SERIES

17

B. CONNECTOR TYPE

1 Receptacle (Zytel)
Socket Contacts
2 Plug (Zytel)
Pin Contacts

C. FINISH

0 Zinc w/clear chromate
1 Zinc w/gold iridite
2 Bright tin

D. NUMBER OF CONTACTS

9 - 9 contacts
15 - 15 contacts
25 - 25 contacts
37 - 37 contacts
50 - 50 contacts

E. DEVIATIONS

CONNECTOR TYPE 1 and 2

USED WITH DEVIATIONS

17-1XXXX-X; 17-2XXXX-X

0 Solder Contacts (Zytel Nylon insert)

1 Crimp Contacts, Male or Female
(Zytel Nylon insert)

1 (390) Encapsulated Contact Line
(Zytel Nylon insert)

5 Solder Contact and Float Mounted
(Female only) (Zytel Nylon insert)

6 Crimp Contact and Float Mounted
(Female only) (Zytel Nylon insert)

11 .023" (.58) Dia. .138" (3.50) Pin
Tail Contacts (Zytel Nylon inserts)

13-1 .040" (1.02) pin tail contacts with
.225" usable tail length
(Zytel Nylon insert)

13-2 .040" (1.02) pin tail contacts with
.140" usable tail length
Zytel Nylon insert)

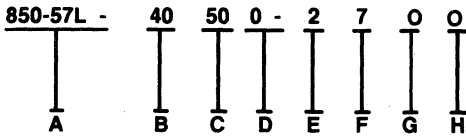
(439) Grounding indents

MANUFACTURERS' ORDERING KEYS

AAP1

ALLIED AMPHENOL PRODUCTS

EXAMPLE



A. SERIES

57 - All-Plastic Type
57LE - Metallic Shell Type

B. CONNECTOR TYPE

40 - Receptacle with Spring Latches

C. NUMBER OF CONTACTS

14, 24, 36, 50

D. KEYED SHELL

0 - No Key

E. CONTACT PLATING

1 - 0.8µm Gold/Nickel
2 - 0.4µm Gold/Nickel
6 - Contact Area, 0.8µm Gold Tail, Area, Tin-Lead
7 - Contact Area, 0.4µm Gold Tail, Area, Tin-Lead
*Standard . . . 2

Bold print signifies standard configuration.

F. TAIL LENGTH

7 - 4.75mm

G. COVER

O - Less Cover
C - With Cover

H. DIELECTRIC MATERIAL COVER/TAIL STYLE

O - Blue/



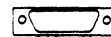
R - Blue/



B - Black/



C - Black/

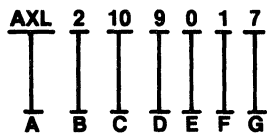


*Standard . . . 0

ARO03

AROMAT CORPORATION

EXAMPLE



A. MANUFACTURERS TYPE DESIGNATION

AXL: Low-profile header

B. CONNECTOR TYPE

2: Header

C. NUMBER OF CONTACTS

10: 10 contacts
14: 14 contacts
16: 16 contacts
20: 20 contacts
26: 26 contacts
30: 30 contacts
34: 34 contacts
40: 40 contacts
50: 50 contacts

D. SHAPE OF HEADER

2: Box type
9: Open type

E. SHAPE OF TERMINAL

0: Straight
1: Angle

F. PLATING

1: Au 0.2 µm/for contact portion SnPb for terminal portion

Note: In addition to the standard plating listed above, gold plating of 0.5 µm and 0.76 µm, as well as tin-lead plated products are available.

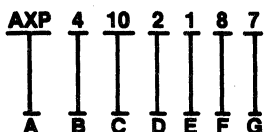
G. PACKAGING

7: Box packaging
H: Individual packaging

ARO04

AROMAT CORPORATION

EXAMPLE



A. MANUFACTURERS TYPE DESIGNATION

AXP: PC board type

B. CONNECTOR TYPE

4: Mini-Dip Type
5: IC type (14•16•24•40 contacts)
6: IC type (20 Contacts)

C. NUMBER OF CONTACTS

10: 10 contacts
14: 14 contacts
16: 16 contacts
20: 20 contacts
24: 24 contacts
26: 26 contacts
30: 30 contacts
34: 34 contacts

40: 40 contacts

50: 50 contacts

60: 60 contacts

64: 64 contacts

D. TERMINAL LAYOUT

2: Standard terminal layout
6: Reverse terminal layout

E. TERMINAL TYPE

1: Dipping type

F. PLATING

8: Au flash for contacts and terminals portion

G. PACKAGING

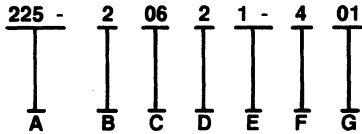
7: Box packaging
H: Individual packaging

MANUFACTURERS' ORDERING KEYS

AAP2

ALLIED AMPHENOL PRODUCTS

EXAMPLE



A. SERIES

225-

B. TERMINATION

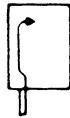
Digit	Termination
2	Solder

C. NUMBER OF CONTACTS

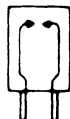
Digit	No. of
Group	Contacts
06	6 or 12
10	10 or 20
15	15 or 30
18	18 or 36
22	22 or 44
25	25 or 50
28	28 or 56
36	36 or 72
43	43 or 86

D. CONTACT CONFIGURATION

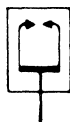
1 Single row connector with back-up springs



2 Two rows of independent contacts



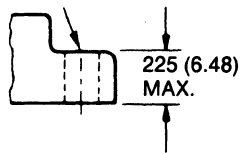
5* Two rows of bridged contacts with one tail



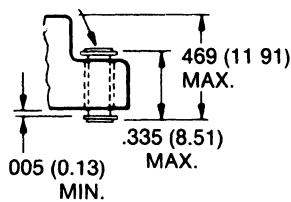
*Available in Solder Eyelet (01) and .235 (5,97) Dip Solder (04) Terminations only. Not available in 36 terminations.

E. MOUNTING

1 MOUNTING HOLE FOR #4 SCREW



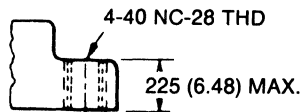
2 FLOAT MOUNTING FOR #4 SCREW



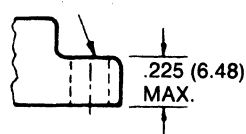
.010 (0.25) min. radial float

*Available in Solder Eyelet (01) Termination only

3 THREADED HOLE



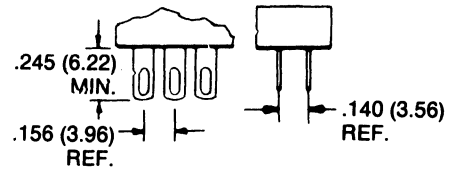
4 MOUNTING HOLE FOR #6 SCREW



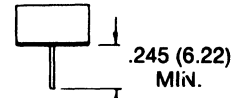
F. CONTACT PLATING

Digit	Plating
4	.000020(0.000508) min Gold over Copper

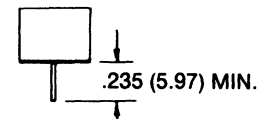
G. TAIL STYLE



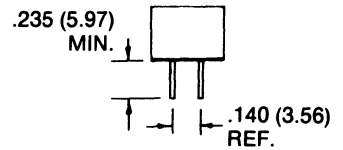
01 Style Eyelet Type Solder Termination



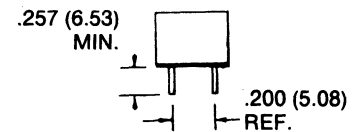
01 Style Eyelet Type Down-the-Center



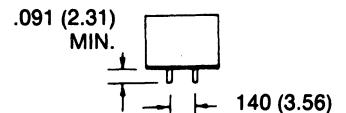
04 Down-the-Center



04 Dip Solder



07 Style



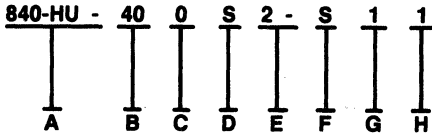
10 Style

MANUFACTURERS' ORDERING KEYS

AAP7

ALLIED AMPHENOL PRODUCTS

EXAMPLE



A. SERIES

840-HU

B. NUMBER OF CONTACTS

40, 60

C. KEY SLOT

O = 1 key slot
 (20, 26, 34, 40)
 2 key slots (50, 60)
 B = no key slot

D. CONNECTOR TYPE

S = Socket

E. NUMBER OF ROWS

2 = double row

F. CONTACT TAIL STYLE

S = Straight

G. CONTACT TAIL LENGTH

1 = .157 (4,0)
 2 = .433 (11,0)

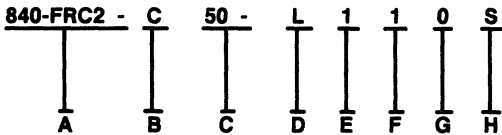
H. PLATING

1 = .000030" (0,8 μ) min. gold/nickel
 2 = .000015" (.0,4 μ) min. gold/nickel
 3 = gold flash/nickel
 4 = .000050 (1,3 μ) min. gold/nickel
 (for use with HU headers only)

AAP9

ALLIED AMPHENOL PRODUCTS

EXAMPLE



A. SERIES

840-FRC2-

B. CONNECTOR TYPE

C = header

C. NUMBER OF CONTACTS

10, 14, 16, 20, 26, 34, 40, 50, 60

D. CONTACT TAIL STYLE

L = right angle
 S = straight

E. CONTACT TAIL LENGTH

1 = .142" (3,6mm) - dip solder
 2 = .591" (15,0mm) - wire wrapping

F. PLATING

1 = .000030" (0,8 μ) min. gold/nickel
 (standard plating)
 2 = .000015" (0,4 μ) min. gold/nickel
 3 = gold flash/nickel
 5 = tin (10, 14, 16, 20, 26 only)

G. KEY SLOT

O = 1 key slot (10, 14, 16,
 20, 26, 34, 40)
 = 2 key slots (50, 60)
 A = 1 key slot (50, 60)
 C = distance between key slots
 1.1 (27,94) (60 only)

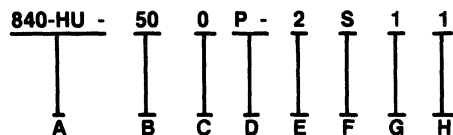
H. LOCK

L = long lock (strain relief)
 S = short lock (w/o strain relief)
 N = no lock

AAP11

ALLIED AMPHENOL PRODUCTS

EXAMPLE



A. SERIES

840-HU-

B. NUMBER OF CONTACTS

20, 26, 34, 40, 50, 60

C. KEY SLOT

O = 1 key slot (20, 26, 34, 40)
 = 2 key slot (50, 60)
 B = no key slots

D. CONNECTOR TYPE

P = pin contact

E. NUMBER OF ROWS

2 = double row

F. CONTACT TAIL STYLE

L = right angle
 S = straight

G. CONTACT TAIL LENGTH

1 = .142" (3,6mm) - dip solder
 2 = .591" (15,0mm) - wire wrapping

H. PLATING

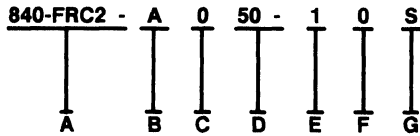
1 = .000030" (0,8 μ) min. gold/nickel
 (standard plating)
 2 = .000015" (0,4 μ) min. gold/nickel
 3 = gold flash/nickel

MANUFACTURERS' ORDERING KEYS

AAP5

ALLIED AMPHENOL PRODUCTS

EXAMPLE



A. SERIES

840-FRC2

B. CONNECTOR TYPE

A = Socket

C. COVER TYPE

O = Open end

A = Closed end

D. NUMBER OF CONTACTS

10, 14, 16, 20, 26, 34, 40, 50, 60

E. PLATING

1 = .000030" (0.8μ) min. gold/nickel (standard plating)

2 = .000015" (0.4μ) min. gold/nickel

3 = gold flash/nickel

5 = tin (through 26)

F. LOCATION KEY

0 = 1 location key (14, 16, 20, 26, 34, 40)

= 2 location keys (50, 60)

A = 1 location key (50, 60)

B = no location key (all sizes)

C = distance between location keys

1.1 (27, 94) (60 only)

G. STRAIN RELIEF

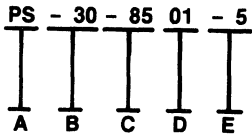
S = With strain relief

N = Without strain relief

KAM02

KEL-AM INCORPORATED

EXAMPLE



CODE	GOLD AT ARE "C"	TERMINAL PLATING	UNDERPLATING
01	.000010	.000010 Gold	.000030 Nickel
03	.000030	.000030 Gold	.000050 Nickel
52	.000020	Gold Flash	.000040 Nickel
53	.000030	Gold Flash	.000050 Nickel
42	.000020	Tin/Lead	.000040 Nickel
41	.000010	Tin/Lead	.000030 Nickel

A. SERIES

B. NO. OF CONTACTS PER ROW

10, 13, 15, 17, 18, 20,
22, 25, 30, 36, 40, 50

C. TERMINAL TYPE

01 = Eyelet

41 = Dip Solder .130 Lg.

42 = Dip Solder .220 Lg.

85 = Wire Wrap .560 Lg.

D. PLATING

E. OPTION

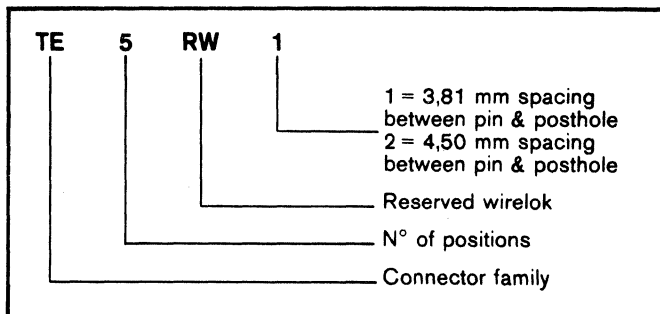
0 = No Ears

5 = With Ears

D. CONTACT PLATING

BDY30

BURNDY



TE 5 RW 1

1 = 3,81 mm spacing between pin & posthole

2 = 4,50 mm spacing between pin & posthole

Reserved wirelok

N° of positions

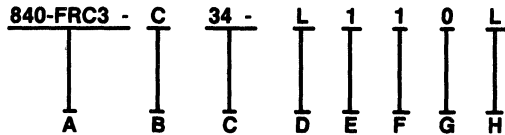
Connector family

MANUFACTURERS' ORDERING KEYS

AAP10

ALLIED AMPHENOL PRODUCTS

EXAMPLE



A. SERIES

840-FRC3-

B. CONNECTOR TYPE

C = header

C. NUMBER OF CONTACTS

16, 20, 34

D. CONTACT TAIL STYLE

L = right angle

S = straight

E. CONTACT TAIL LENGTH

1 = .142" (3.6mm) - dip solder

2 = .591" (15.0mm) - wire wrapping

F. PLATING

1 = .000030" (0.8 μ) min. gold/nickel (standard plating)

2 = .000015" (0.4 μ) min. gold/nickel

3 = gold flash/nickel

G. KEY SLOT

0 = 1 key slot (16, 20, 34)

H. LOCK

L = long lock (strain relief)

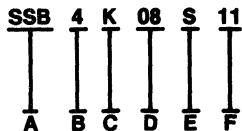
S = short lock (w/o strain relief)

N = no lock

ACP01

AMERACE CORPORATION

EXAMPLE



A. MANUFACTURER'S TYPE

SSB Miniature High Density Connectors

B. CONTACT SPACING (Center to Center)

4 = 5mm

5 = 10mm

C. CONFIGURATION

U = Through-the-panel CONNECTOR SEGMENT (Portion detached from circuit board).

K = HEADER SEGMENT for HORIZONTAL CONNECTION (Portion soldered to circuit board).

W = HEADER SEGMENT for VERTICAL CONNECTION (Portion soldered to circuit board).

T = PANEL-MOUNT HORIZONTAL CONNECTOR (Matching set of K and U above). Does not include Catalog No. MC Mounting Clips, below.

J = PANEL-MOUNT VERTICAL

CONNECTOR (Matching set of W and U above). Does not include Catalog No. MC Mounting Clips, below.

D. NUMBER OF CIRCUITS

SSB4 - 02, 03, 04, 05, 06, 08, 10, 11, 12, 14, 15, 16, 20

SSB5 - 02, 03, 04, 05, 06, 07, 08, 09, 10

E. PLATING

S = Standard Plating

A = Gold Plating - .000012"

B = Gold Plating - .000020"

C = Gold Plating - .000030"

F. HOT STAMPED TERMINAL NUMBERS

NN = None

11 = 1 2 3 4 5 ...

12 = ... 5 4 3 2 1

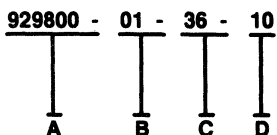
15 = ... 1 2 3 4 5

16 = 1 2 3 4 5 ...

APT03

ASSOCIATED ELECTRONICS / 3M

EXAMPLE



A. BASE PART NUMBER

B. SOLDER TAIL LENGTH

Use this field to specify the solder tail length as follows:

LENGTH	CODE
.110 (2,79)	01
.125 (3,18)	02

C. NUMBER OF PINS

Use this field to specify the number of pins; 1 through 36

D. OPTIONS

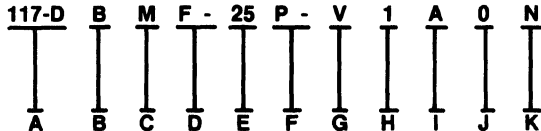
Use this field only to specify gold plating thickness in microinches; 10, 15 and 30 are standard available thicknesses. For tin plating no entry is required.

MANUFACTURERS' ORDERING KEYS

AAP16

ALLIED AMPHENOL PRODUCTS

EXAMPLE



A. SERIES

117-D

B. SHELL SIZE

E, A, B, C, D

C. MONOBLOC INSERT

M

D. MOUNTING

No designation standard diameter
.122(3.1) mounting hole

E: 4.40 clinch nut for rear panel
and/or front PCB mounting

F: float front or rear panel mounting

K: .154(3.91) diameter mounting holes

T: M3 clinch nut for rear panel
and/or front PCB mounting

E. CONFIGURATIONS

9 - 15 - 25 - 37 - 50 - contacts
and combinations of power/shielded contacts

F. CONTACT TYPE

P: pin; S: socket

G. TERMINATION

No designation: solder pot

F179: Wire Wrap (2 wraps)

F179 A: Wire Wrap (3 wraps)

Straight Printed Circuit Board

(PCB) termination

U = .024(0.6) diameter terminal

L = .093(2.36)

V = .040(1.02) diameter terminal

L = .093(2.36)

OL3 = .024(0.6) diameter terminal

L = .157(4.1)

Right angle (90°) PCB termination

A = .040(1.02) diameter terminal

L = .093(2.36)

with metal brackets

C = .040(1.02) diameter terminal

L = .093(2.36)

without brackets

Power/shielded

H. TERMINAL DIAMETER

1: .024(0.6) terminal diameter L = .157(4)

2: .029(0.76) terminal diameter L = .157(4)

I. PITCH BETWEEN ROWS

A: .100(2.54)

B: .112(2.84)

J. BRACKETS

0: without brackets

1: with plastic brackets

3: with brackets and lock device

17-D-20418-2 mounted on connector

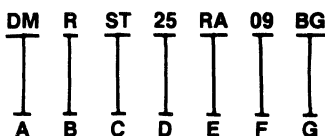
K. SOLDER

N: to solder on PCB

VKC13

VIKING CONNECTOR CO.

EXAMPLE



A. SERIES IDENTIFIER

DM D-Subminiature Metal Shell Series

B. PART IDENTIFIER

R Receptacle

C. CONTACT PLATING

ST .000010 gold over nickel

ZT .000030 gold over nickel

D. NUMBER OF CONTACTS

09, 15, 25, 37

E. CONTACT TERMINATION

RA Right-Angle (.590 Footprint)

F. MOUNTING STYLES

01 Thru Hole

05 Threaded Insert with 4-40 UNC-2B,
Flush Mount

06 Threaded Insert with M3 x .05-6H
Flush Mount

07 Hex Stand-Off with 4-40 UNC-2B

08 Hex Stand-Off with M3 x .05-6H

09 Round Stand-Off with 4-40 UNC-2B

10 Round Stand-Off with M3 x .05-6H

G. GROUNDING STRAPS

NG No grounding strap

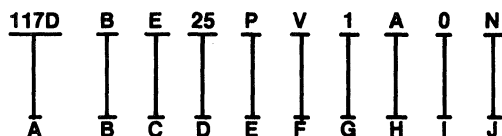
BG With grounding strap

MANUFACTURERS' ORDERING KEYS

AAP13

ALLIED AMPHENOL PRODUCTS

EXAMPLE



A. SERIES

117D
117DF

B. SHELL SIZE

E, A, B, C, D

C. MOUNTING TYPE

No designation standard diameter
.122(3.1) mounting hole
E: 4.40 clinch nut for rear panel
and/or front PCB mounting
F: float front or rear panel mounting
K: .154(3.91) diameter mounting holes
T: M3 clinch nut for rear panel
and/or front PCB mounting

D. CONFIGURATIONS

9 - 15 - 25 - 37 - 50 - contacts

E. CONTACT TYPE

P: pin; S: socket

F. TERMINATIONS

No designation: solder pot
F179: Wire Wrap (2 wraps)
F179-A: Wire Wrap (3 wraps)
Straight Printed Circuit Board
(PCB) termination
U: .024(06.) diameter terminal
L = .093(2.36) length
V: .040(1.02) diameter terminal
L = .093(2.36)
T: .024(0.6) diameter terminal
L = .157(4)
OL1: .030(0.76) diameter terminal
L = .217(5.5)
OL2: .024(0.6) diameter terminal
L = .217(5.5)
Right angle (90°) PCB termination
A: .040(1.02) diameter terminal
L = .093(2.36)
with metal brackets
C: .040(1.02) diameter terminal
L = .093(2.36)
without brackets

A-J4: .024 (0.6) diameter terminal
L = .118(3)

with plastic brackets

A-J3: .040(1.02) diameter terminal
L = .118(3)

with plastic brackets

AM4: .024(0.6) diameter terminal
L = .093 (2.36)

with metal brackets

A-M4B: .024 (0.6) diameter terminal
L = .118 (3)

with metal brackets

G. TERMINAL DIAMETER

1: .024(0.6) terminal
diameter L = .157(4)
2: .029(0.76) terminal
diameter L = .157(4)

H. PITCH BETWEEN ROWS

A: .100(2.54)
B: .112(2.84)

I. BRACKETS

0: without brackets
1: with plastic brackets
3: with brackets and lock device
17-D-20418-2 mounted on connector

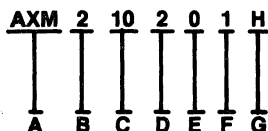
J. SOLDER

N: to solder on PCB

ARO01

AROMAT CORPORATION

EXAMPLE



A. MANUFACTURERS TYPE DESIGNATION

AXM: MIL type

B. CONNECTOR TYPE

2: Header

C. NUMBER OF CONTACTS

10: 10 contacts
14: 14 contacts
16: 16 contacts
20: 20 contacts
26: 26 contacts
30: 30 contacts
34: 34 contacts
40: 40 contacts
50: 50 contacts
60: 60 contacts
64: 64 contacts

D. SHAPE OF LEVER

0: Long lever
1: Short lever
2: No lever

E. SHAPE OF TERMINAL

0: Straight
1: Angle

F. PLATING

1: Au 0.2 μm for contact portion SnPb for terminal portion

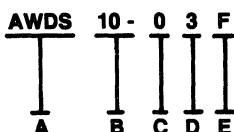
G. PACKAGING

7: Box packaging
H: Individual packaging

ASM04

ASSMANN ELECTRONIC GmbH

EXAMPLE



A. ARTICLE IDENTIFIER

AWDS

B. NUMBER OF CONTACTS

10 (2x5) 34 (2x17)
14 (2x7) 40 (2x20)
16 (2x8) 50 (2x25)
20 (2x10) 60 (2x30)
26 (2x13)

C. MANUFACTURERS DESIGNATOR

D. CONTACT PLATING

1 = Gold over nickel in contact area tin alloy
on IDC-terminal
3 = Tin alloy all over

E. MOUNTING TYPE

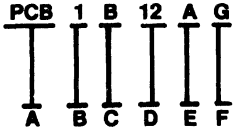
S = with slotted mounting flanges
F = without mounting flanges

MANUFACTURERS' ORDERING KEYS

ACP04

AMARACE CORPORATION

EXAMPLE



A. MANUFACTURER'S TYPE

PCB Printed Circuit Board Connector

B. MODEL DESIGNATION

- 1 = Terminal screws adjacent to board socket
- 2 = Terminal screws opposite board socket
- 3 = Terminal screws perpendicular to board socket
- 5 = Socket accepts double sided boards, Terminal screws opposite board socket
- 7 = Insulation displacement, wire entry perpendicular to board socket.

C. CIRCUIT CENTERLINES

- A = .200 in. (PCB1, PCB3 and PCB7 only)
- B = .156 in. (PCB1, PCB2, PCB5 only)
- D = .156 in. double sided (PCB3 only)
- S = .156 in. single sided (PCB3 only)

D. NUMBER OF CIRCUITS

- PCB1A = 12, 18, 24, 30, 36
- PCB1B = 06, 08, 10, 12, 15, 16, 18, 22, 24, 28, 30, 32, 36, 43

- PCB2B = 06, 08, 09, 10, 12, 15, 16, 18, 22, 24, 28, 30, 32, 36, 43
- PCB3A = 06, 08, 10, 12, 15, 16, 18, 20, 22, 24, 30, 32, 34, 36, 44
- PCB5B = 36
- PCB3D = 20, 30, 36, 44
- PCB3S = 10, 15, 18, 22
- PCB7A = 06, 08, 10, 12, 14, 16, 18, 20, 22, 24, 26

E. CONTACT PLATING

- A = Gold-over-nickel
- S = Bright tin (Not available on PCB5B)

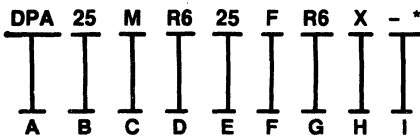
F. OPTIONAL FEATURES

- G = Integral Card Guides (PCB1B only)
- T = Temperature Stabilized Contacts (PCB5 only)
- 1 = #22 & #20 AWG. wire size (solid or stranded) - PCB7A ONLY
- 2 = #18 & #16 AWG. wire size (solid or stranded) - PCB7A ONLY
- 3 = #14 AWG. wire size (solid or stranded) - PCB7A ONLY

PST02

POSITRONIC INDUSTRIES, INC.

EXAMPLE



A. SERIES

DP*
(*Order as DPA, DPB, or DPC)

B. NO. OF CONTACTS (UPPER)

9, 15, 25, 37

C. CONTACT DESIGNATION (UPPER)

M - Male
F - Female

D. LOCKS & MOUNTING STYLES (UPPER)

- O - None
- V₃ - Tab
- T - Fixed Threadlocks
- T₂ - Fixed Threadlocks
- T₃ - Fixed Threadlocks
- R₆ - Bracket, Mounting 90° Metal, Swaged to Connector with .120 Dia. Hole w/Cross Bar
- R₇ - Bracket, Mounting 90° Metal, Swaged to Connector with 4-40 Threads w/Cross Bar
- R₈ - Bracket, Mounting 90° Metal, Swaged to Connector with Locknut w/Cross Bar

E. NO. OF CONTACTS (LOWER)

9, 15, 25, 37

F. CONTACT DESIGNATION (LOWER)

M - Male
F - Female

G. LOCKS & MOUNTING STYLES (LOWER)

- O - None
- V₃ - Tab
- T - Fixed Threadlocks
- T₂ - Fixed Threadlocks
- T₃ - Fixed Threadlocks
- R₆ - Bracket, Mounting 90° Metal, Swaged to Connector with .120 Dia. Hole w/Cross Bar
- R₇ - Bracket, Mounting 90° Metal, Swaged to Connector with 4-40 Threads w/Cross Bar
- R₈ - Bracket, Mounting 90° Metal, Swaged to Connector with Locknut w/Cross Bar

H. SHELL OPTIONS

- O - Zinc, dichromate seal
- X - Tin plate
- Z - Tin plate with dimpling

I. SPECIAL OPTIONS

MANUFACTURERS' ORDERING KEYS

APT01

ASSOCIATED ELECTRONICS / 3M

EXAMPLE

929665 - 05 - 20
 | | |
 A B C

- A. BASE PART NUMBER
- B. PIN LENGTH CODE
01 thru 13
- C. NUMBER OF CONTACTS PER ROW
01 thru 36

ASM01

ASSMANN ELECTRONIC GmbH

EXAMPLE

AWH 10 G- 0 2 2 2
 | | | | | |
 A B C D E F G

- A. ARTICLE IDENTIFIER
AWH
- B. NUMBER OF CONTACTS

10	34
14	40
16	50
20	60
26	
- C. MOUNTING ANGLE
G = Straight
A = Right Angle
- D. TERMINAL WEDGE
0 = without terminal wedge

- E. CONTACT PLATING
1 = plating on request
2 = hard gold plated
5 = tin plated
- F. LATCHING HARDWARE
0 = without latches
2 = with latches for socket connectors
without pressure relief
3 = with latches for socket connectors with
pressure relief
- G. TERMINATION TYPE
2 = solder pins (round) 2.9 mm long
3 = solder pins (round) 4.5 mm long
6 = winding pins (square)

APT02

ASSOCIATED ELECTRONICS / 3M

EXAMPLE

929982 - 01 - 20
 | | |
 A B C

- A. BASE PART NUMBER
- B. MANUFACTURERS VARIATION
01
- C. NUMBER OF CONTACTS PER ROW
01 thru 65

MANUFACTURERS' ORDERING KEYS

APT04

ASSOCIATED ELECTRONICS / 3M

EXAMPLE

929984 - 01 - 36 - 15
A B C D

- A. **BASE PART NUMBER**
- B. **SOLDER TAIL LENGTH**
This field specifies the standard solder tail of .125".
- C. **NUMBER OF PINS**
Use this field to specify the number of pins; 1 through 36.

- D. **OPTIONS**
Use this field only to specify gold plating thickness in microinches; 10, 15 and 30 are standard available thicknesses. For tin plating no entry is required.

APT05

ASSOCIATED ELECTRONICS / 3M

EXAMPLE

927100 - 01 - 24
A B C

- A. **BASE PART NUMBER**
- B. **SOLDER TAIL LENGTH**
This field specifies the standard solder tail length of .138".
- C. **NUMBER OF PINS**
Use this field to specify the number of pins; 02 through 24

APT06

ASSOCIATED ELECTRONICS / 3M

EXAMPLE

927200 - 01 - 15
A B C

- A. **BASE PART NUMBER**
- B. **SOLDER TAIL LENGTH**
This field specifies the standard solder tail length of .142".
- C. **NUMBER OF PINS**
Use this field to specify the number of pins; 02 through 15

APT07

ASSOCIATED ELECTRONICS / 3M

EXAMPLE

929320 - 01 - 10 - 30
A B C D

- A. **BASIC PART NUMBER**
- B. **MANUFACTURERS CODE**
- C. **NUMBER OF CONTACTS**
10, 14, 16, 20, 26,
34, 40, 50, 60, 64

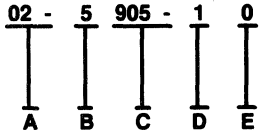
- D. **CONTACT PLATING OPTION**
10 = 10 Microinch Gold Plate
30 = 30 Microinch Gold Plate
None = Tin Plate (100 Microinch)

MANUFACTURERS' ORDERING KEYS

ARSO2

ARIES

EXAMPLE



A. NUMBER OF PINS

2 thru 40

B. BOARD SPACING

5 = 500 Between Boards
6 = 600 Between Boards

C. SERIES

Series 905 = Stackable Press-Lok™ Termination
Series 915 = Solder Tail Termination
Series 925 = Short Press-Lok™ Termination

D. ROWS

1 = Single Row Straight
2 = Dual Row Straight

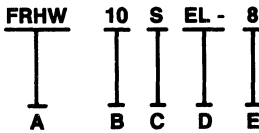
E. PLATING

0 = Tin
1 = Gold
2 = Gold in contact area and Tin on pin tails

BDY03

BURNDY

EXAMPLE



A. CONNECTOR FAMILY

B. NUMBER OF CONTACTS

C. TAIL DIRECTION

S - Straight
R - Right Angle

D. LATCHING

ES - With short ejector/latches
EL - With long ejector/latches
(Blank) - Without ejector/latches

E. VARIATION NUMBER

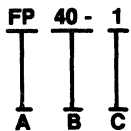
Contact plating and tail length

Tail Length	Plating
-12 .103 (2,6)	TIN ALLOY
-13 .165 (4,18)	
-8 .103 (2,6)	GOLD
-10 .165 (4,18)	

AUG06

AUGAT

EXAMPLE



A. CONNECTOR SERIES

B. NUMBER OF CONTACTS

(10, 14, 16, 20, 26, 34, 40, 50, 60)

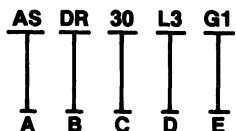
C. COMPONENT

1. PLUG ONLY
3. STRAIN RELIEF ONLY

ASL10

A & STEVENSON, INC.

EXAMPLE



A. MANUFACTURER'S IDENTIFICATION

B. SERIES

DRS - Dual Row Straight
DRR - Dual Row Right Angle

C. NUMBER OF PINS

02 Thru 60

D. CONTACT LENGTH

(For Straight Only)
L1 - 11.4mm (0.44")
L2 - 14.2mm (0.56")
L3 - 16mm (0.63")
L4 - 17.8mm (0.70")

L5 - 20mm (0.79")
(For Right Angle only)
R1 - 3mm (0.12")

E. CONTACT PLATING

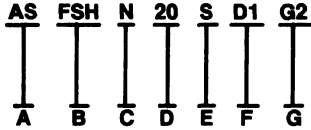
T1 - Tin
7.620 μm (0.000300")
G1 - Gold over Nickel
0.127 μm (0.000005")
G2 - Gold over Nickel
0.254 μm (0.000010")
G3 - Gold over Nickel
0.508 μm (0.000020")

MANUFACTURERS' ORDERING KEYS

ASL01

A & STEVENSON, INC.

EXAMPLE



A. MANUFACTURER'S IDENTIFICATION

B. SERIES

FSH - Fully Shrouded Header

C. TYPE OF EJECTOR

N - Without Ejector
S - Short Ejector
L - Long Ejector

D. NUMBER OF CONTACTS

10	20	34	50
14	26	36	60
16	30	40	64

E. CONTACT PIN CONFIGURATION

S - Straight
R - Right Angle

F. TYPE OF CONTACT

D1 - Dip Solder Tail for 1.57mm (0.062") Thick PCB.
D2 - Dip Solder Tail for 2.39mm to 3.18mm (0.094" to 0.125") Thick PCB
W2 - Wire Wrap Post Tail for 2 levels
W3 - Wire Wrap Post Tail for 3 levels

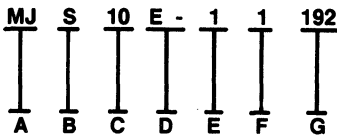
G. CONTACT PLATING

T1 - 7.620 μ m (0.000300") Tin
G1 - 0.127 μ m (0.000005") Gold over 1.27 μ m (0.000050") Nickel
G2 - 0.254 μ m (0.000010") Gold over 1.27 μ m (0.000050") Nickel
G3 - 0.381 μ m (0.000015") Gold over 1.27 μ m (0.000050") Nickel
G4 - 0.762 μ m (0.000030") Gold over 1.27 μ m (0.000050") Nickel

WCH03

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

MJ (Continuous Card Collector)
C-Press Pre-Assembled Edgecard Connector - Bifurcated Contacts

B. END CONFIGURATION

Blank = No Open End (MJ)
S = One Open End (MJS)

C. NUMBER OF CONTACT PAIRS

10 through 43

D. GRID SPACING

E = .156" x .200"

E. CARD SLOT DEPTH

1 = .415" [10.54] Standard
2 = .350" [8.89] [Optional On
3 = .300" [7.62] [Shaded Ends
Only

F. TAIL LENGTH

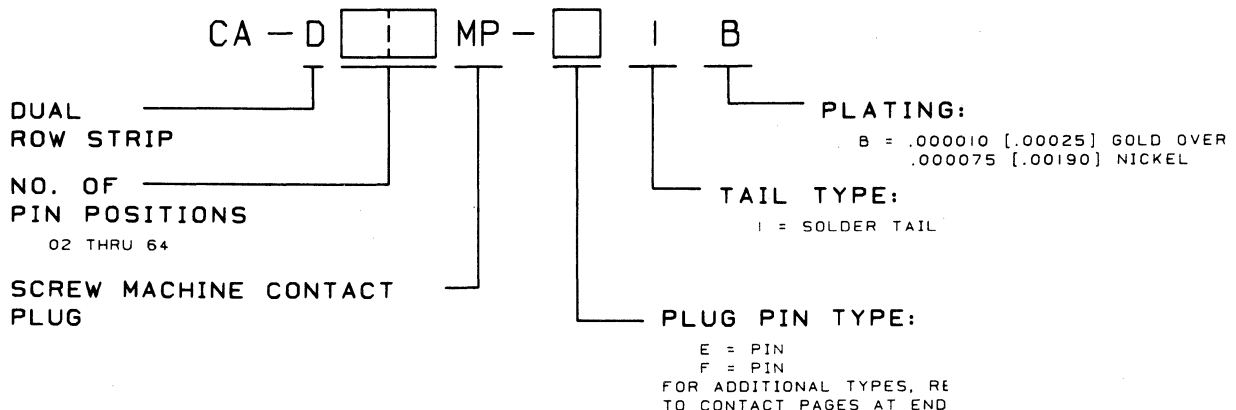
1 = .19" [4.8]
4 = .702" [17.83]

G. PLATING (SELECTIVE)

192 - .000030" gold over .000050" nickel overall in contact area and bright solder on C-section and tail.
195 - .000030" gold over .000050" nickel overall in contact area and gold flash on C-section and tail.

CAC41

CIRCUIT ASSEMBLY CORPORATION

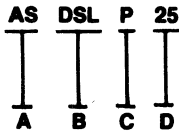


MANUFACTURERS' ORDERING KEYS

ASL15

A & STEVENSON, INC.

EXAMPLE



A. MANUFACTURER'S IDENTIFICATION

B. SERIES

DSL - D Subminiature Long Pin

C. TYPE

P - Plug
R - Receptacle

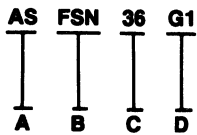
D. NUMBER OF POSITIONS

9, 15, 25, 37, 50

ASL03

A & STEVENSON, INC.

EXAMPLE



A. MANUFACTURER'S IDENTIFICATION

B. SERIES

FSN - FEMALE SOCKET Without Strain

Relief

FSR - FEMALE SOCKET With Strain Relief

C. NUMBER OF CONTACTS

10	20	34	50
14	26	36	60
16	30	40	64

D. CONTACT PLATING

T1 - 7.620 μm (0.0003000") Tin

G1 - 0.127 μm (0.000005") Gold over 1.27 μm (0.000050") Nickel

G2 - 0.254 μm (0.00010") Gold over 1.27 μm (0.000050") Nickel

G3 - 0.381 μm (0.000015") Gold over 1.27 μm (0.000050") Nickel

G4 - 0.762 μm (0.000030") Gold over 1.27 μm (0.000050") Nickel

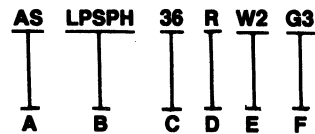
S1 - 0.127 μm (0.000005") Selective Gold over 1.27 μm (0.000050") Nickel

S2 - 0.254 μm (0.000050") Selective Gold

ASL02

A & STEVENSON, INC.

EXAMPLE



A. MANUFACTURER'S IDENTIFICATION

B. SERIES

LPSPH - Low Profile Shrouded Polarized Header

C. NUMBER OF CONTACTS

10	20	34	50
14	26	36	60
16	30	40	64

D. CONTACT PIN CONFIGURATION

S - Straight
R - Right Angle

E. TYPE OF CONTACT

D1 - Dip Solder Tail for 1.57mm (0.062") Thick PCB

D2 - Dip Solder Tail for 2.39mm to 3.18mm (0.094" to 0.125") Thick PCB

W2 - Wire Wrap Post Tail for 2 levels

W3 - Wire Wrap Post Tail for 3 levels

F. CONTACT PLATING

T1 - 7.620 μm (0.000300") Tin

G1 - 0.127 μm (0.000005") Gold over 1.27 μm (0.000050") Nickel

G2 - 0.254 μm (0.000010") Gold over 1.27 μm (0.000050") Nickel

G3 - 0.381 μm (0.000015") Gold over 1.27 μm (0.000050") Nickel

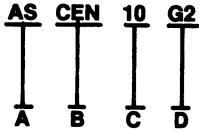
G4 - 0.762 μm (0.000030") Gold over 1.27 μm (0.000050") Nickel

MANUFACTURERS' ORDERING KEYS

ASL06

A & STEVENSON, INC.

EXAMPLE



A. MANUFACTURER'S IDENTIFICATION

B. SERIES

CEN - CARD EDGE Without Mounting Ear
CEH - CARD EDGE With Half Mounting Ear
CEF - CARD EDGE With Full Mounting Ear

C. NUMBER OF CONTACTS

10	30	60
16	34	64
20	40	
26	50	

D. CONTACT PLATING

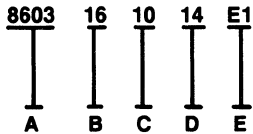
T1 - 7.620 μm (0.0003000") Tin
G1 - 0.127 μm (0.000005") Gold over 1.27 μm (0.000050") Nickel

G2 - 0.254 μm (0.000010") Gold over 1.27 μm (0.000050") Nickel
G3 - 0.381 μm (0.000015") Gold over 1.27 μm (0.000050") Nickel
G4 - 0.762 μm (0.000030") Gold over 1.27 μm (0.000050") Nickel
S1 - 0.127 μm (0.000005") Selective Gold over 1.27 μm (0.000050") Nickel
S2 - 0.254 μm (0.000010") Selective Gold over 1.27 μm (0.000050") Nickel
S3 - 0.381 μm (0.000015") Selective Gold over 1.27 μm (0.000050") Nickel

SOU09

SOURIAU, INC.

EXAMPLE



A. BASIC SERIES

8603

B. NUMBER OF CONTACTS

DIP's: 14-16-24-40
transitions: 10-16-20-26-34-40-50-60

C. SERIES IDENTIFICATION

10 DIP (dual in line plug)
20 transition

D. TERMINATION

straight spill

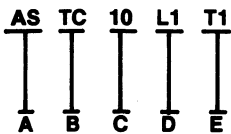
E. PLATING

E1 tinned tails
00 gold plated tails (DIP's only
- for use with DIL sockets)

ASL07

A & STEVENSON, INC.

EXAMPLE



A. MANUFACTURER'S IDENTIFICATION

B. SERIES

TC - Transition Connector

C. NUMBER OF CONTACTS

10	26	50
14	34	56
16	40	60
20	44	

D. CONTACT LENGTH

L1 - 2.670mm (0.105")
L2 - 4.064mm (0.160")

E. CONTACT PLATING

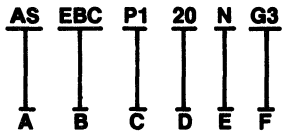
T1 - 7.620 μm (0.0003000") Tin
G1 - 0.127 μm (0.000005") Gold over 1.27 μm (0.000050") Nickel
G2 - 0.254 μm (0.000010") Gold over 1.27 μm (0.000050") Nickel
G3 - 0.381 μm (0.000015") Gold over 1.27 μm (0.000050") Nickel
G4 - 0.762 μm (0.000030") Gold over 1.27 μm (0.000050") Nickel
S1 - 0.127 μm (0.000005") Selective Gold over 1.27 μm (0.000050") Nickel
S2 - 0.254 μm (0.000010") Selective Gold over 1.27 μm (0.000050") Nickel
S3 - 0.381 μm (0.000015") Selective Gold over 1.27 μm (0.000050") Nickel

MANUFACTURERS' ORDERING KEYS

ASL08

A & STEVENSON, INC.

EXAMPLE



A. MANUFACTURER'S IDENTIFICATION

B. SERIES

EBC - Edge Board Connector

C. CONTACT LENGTH

P1 - 2.5mm (0.100")
 P2 - 3.2mm (2.125")
 P3 - 4.0mm (0.156")
 (0.025sq. (0.64mm) Wire Wrap Length)

D. NUMBER OF CONTACTS

20	56	80	120
40	60	86	130
4	70	100	140
50	72	110	

E. MOUNTING TYPE

M - Mounting Ears
 N - Without Mounting Ears

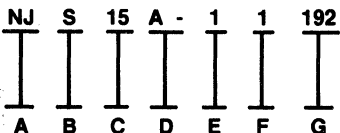
F. CONTACT PLATING

T1 - 7.620 μ m (0.0003000") Tin
 G1 - 0.127 μ m (0.000005") Gold over 1.27 μ m (0.000050") Nickel
 G2 - 0.254 μ m (0.000010") Gold over 1.27 μ m (0.000050") Nickel
 G3 - 0.381 μ m (0.000015") Gold over 1.27 μ m (0.000050") Nickel
 G4 - 0.762 μ m (0.000030") Gold over 1.27 μ m (0.000050") Nickel
 S1 - 0.127 μ m (0.00005") Selective Gold over 1.27 μ m (0.000050") Nickel
 S2 - 0.254 μ m (0.000010") Selective Gold over 1.27 μ m (0.000050") Nickel
 S3 - 0.381 μ m (0.000015") Selective Gold over 1.27 μ m (0.000050") Nickel

WCH04

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

NJ (Continuous Card Collector)
 C-Press Pre-Assembled Edgcard
 Connector - Non-Bifurcated Contacts

B. END CONFIGURATION

Blank = No Open End (NJ)
 S = One Open End (NJS)
 (Added information for open end version. consult sales.)

C. NUMBER OF CONTACT PAIRS

15 through 61

D. GRID SPACING

A = .100" x .100"

E. CARD SLOT DEPTH

1 = .415" [10.54] Standard
 2 = .350" [8.89] [Optional On
 3 = .300" [7.62] [Shaded Ends Only

F. TAIL LENGTH

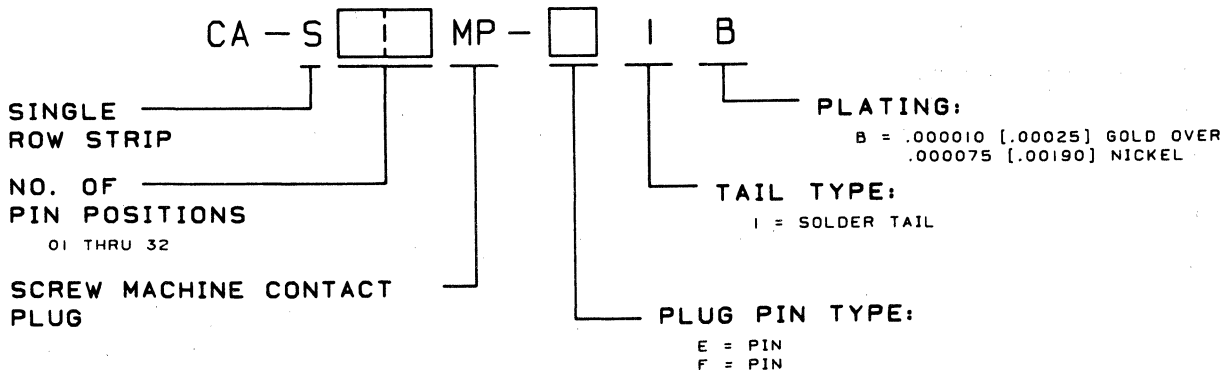
1 = .197" [5.00]
 4 = .724" [18.39]
 7 = .310" [7.87]

G. PLATING (SELECTIVE)

192 - .000030" gold over .000050" nickel overall in contact area and bright solder on C-section and tail.
 195 - .000030" gold over .000050" nickel overall in contact area and gold flash on C-section and tail.
 (Consult sales for additional plating options.)

CAC40

CIRCUIT ASSEMBLY CORPORATION

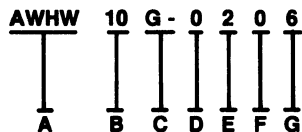


MANUFACTURERS' ORDERING KEYS

ASM02

ASSMANN ELECTRONIC GmbH

EXAMPLE



A. ARTICLE IDENTIFIER
AWHW

B. NUMBER OF CONTACTS

- 10 34
- 14 40
- 16 50
- 20 60
- 26

C. MOUNTING ANGLE

- G = Straight
- A = Right Angle

D. TERMINAL WEDGE

- 0 = without terminal wedge

E. CONTACT PLATING

- 1 = plating on request
- 2 = hard gold plated
- 5 = tin plated

F. MANUFACTURERS DESIGNATION

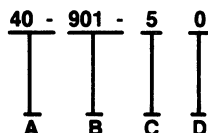
G. TERMINATION TYPE

- 2 = solder pins (round) 2.9 mm long
- 3 = solder pins (round) 4.5 mm long
- 6 = winding pins (square)

ARSO1

ARIES

EXAMPLE



A. NUMBER OF PINS

- 1 thru 80

B. PIN REFERENCE NUMBER

- 01, 02 etc.

C. PIN CONFIGURATION

- 1 = Single Row Straight
- 2 = Double Row Straight
- 3 = Single Row 90°

- 4 = Double Row 90°

- 5 = Single Row 90°

- 6 = Double Row 90°

D. PLATING

- 0 = Tin

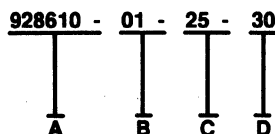
- 1 = Gold

- 2 = A Dimension-Gold, B Dimension-Tin

APT08

ASSOCIATED ELECTRONICS / 3M

EXAMPLE



A. BASIC PART NUMBER

B. MANUFACTURERS CODE

C. NUMBER OF CONTACTS

- 9, 15, 25, 37 (Plastic Shell)
- 9, 25 (Metal Shell)

D. CONTACT PLATING OPTION

- 10 = 10 Microinch Gold Plate

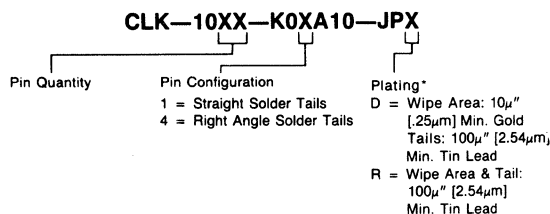
- 30 = 30 Microinch Gold Plate

- None = Tin Plate (100 Microinch)

MMM10

ELECTRONIC PRODUCTS DIVISION/3M

3M Part Number Definition

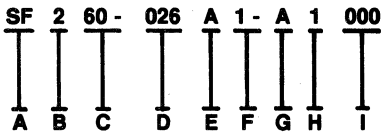


MANUFACTURERS' ORDERING KEYS

AUG01

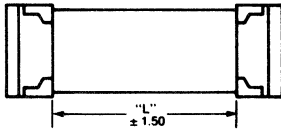
AUGAT

EXAMPLE



- A. CONNECTOR SERIES
- B. NUMBER OF CONNECTORS
- C. NUMBER OF CONTACTS
(26, 34, 40, 50, 60 or 64)
- D. LENGTH OF CABLE

NOTE: Twist & flat cable assemblies available in following lengths:
6, 7, 10, 14, 20, 26, 38, 50, 62, 74, 98, 122, 146 (over 146 Consult factory)



NOTE: Twist & flat cable assemblies available in following lengths:
6, 7, 10, 14, 20, 26, 38, 50, 62, 74, 98, 122, 146
(over 146 consult factory)

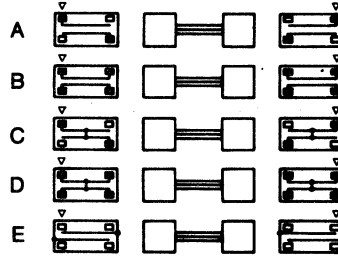
- E. TYPE OF CABLE
 - A 28 AWG stranded twist & flat with half twist
 - B 28 AWG stranded flat gray
 - C 28 AWG stranded flat color coded
 - X Non-standard cable

F. SHIELD/JACKET

- 0 No shield or jacket
- 1 .012 THK. (wall) black PVC jacket
- 2 1 and 5
- 3 UL style exterior PVC jacket
- 4 3 and 5
- 5 Aluminum coated mylar shield with drain wire over each cable
- X Non-standard shield and/or jacketing

G. STANDARD GROUNDOUT

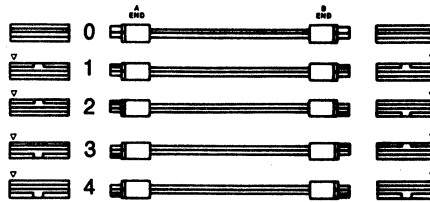
SPECIFIED END



GROUND TO CLIPS

X = NON-STANDARD GROUNDOUT

H. POLARIZING TANG LOCATION



X = NON-STANDARD TANG LOCATION

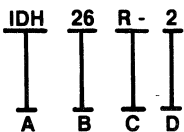
I. STANDARD AND NON STANDARD OPTIONS

- 000 = Standard assembly (no options)
- 001-100 = Standard options
- 101-999 = Non-Standard assembly

TXT10

TEX-TECHS INC.

EXAMPLE



A. SERIES

Designates Flat Cable Header Series

B. NO. OF CONTACTS

10, 14, 16, 20,
26, 34, 40, 50, 60

C. TERMINAL TYPE

Blank Straight PC terminals
R Right angle terminal

D. EJECTOR LATCH OPTION

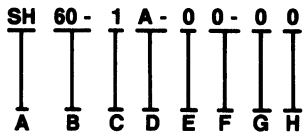
- 0 No ejector latch
- 1 Short ejector latch for socket plugs without strain relief
- 2 Long ejector latch for socket plug with strain relief

MANUFACTURERS' ORDERING KEYS

AUG02

AUGAT

EXAMPLE



A. CONNECTOR SERIES

B. NUMBER OF CONTACTS

10, 14, 16, 20, 26, 34,
40, 50, 60 & 64

C. TYPE OF CONTACT

RIGHT ANGLE	STRAIGHT
1 3LVL. W.W.	5 3-level W.W.
2 .031 solder tail	6 .031 solder tail
3 .062 solder tail	7 .062 solder tail
4 .125 solder tail	8 .125 solder tail

D. CONTACT PLATING

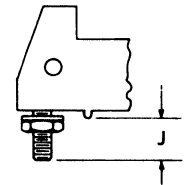
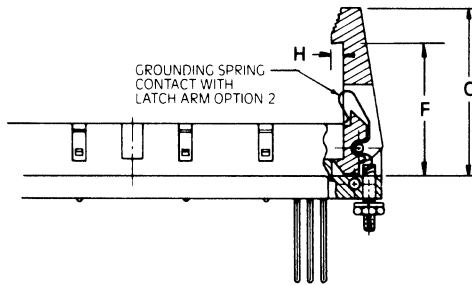
A = 20 Millionths gold in contact area with tin/lead on solder tails, except contact type
1, 2, 5 & 6 - Gold all over
Consult factory for other plating options

E. LATCH ARM OPTIONS

- 0 No latch arms
- 1 SIG latch and eject only
- 2 SIG latch and eject with grounding option
- 3 Used for Std. IDC connectors "F" Dim.
= .672
- 4 Used for Std. IDC connectors "F" Dim.
= .482
- 5 Used for Std. IDC connectors "F" Dim.
= .482
- 6 Used for Std. IDC connectors "F" Dim.
= .437
- 7 Eject mechanisms only for all sockets

F. MOUNTING STUD OPTION

J	
O	No Stud
A	.115
B	
C	.217
D	.376



#2-56 threaded stud with nut & washer

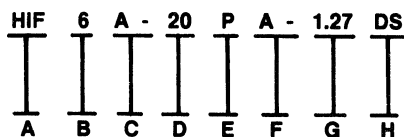
LATCH ARM OPTION

DIM.	1	2	3	4	5	6	7
F	.856 .850	.856 .850	.676 .670	.586 .580	.486 .480	.441 .435	0
G	1.134	1.134	.954	.864	.764	.719	.860
H	.108	.108	.108	.108	.108	.108	0

HRSJ01

HIROSE ELECTRIC CO., LTD.

EXAMPLE



A. SERIES

B. SERIES NUMBER

C. OPTIONS

- Blank: IDC Header with Latch/Eject Levers.
- A: PCB Type without mounting flange.
- B: PCB Type with mounting flange.

D. CONTACT POSITIONS

20, 26, 32, 34, 40, 50, 52, 60, 68, 80, 100

E. TYPE OF CONNECTOR

- P: Pin Header
- D: Socket (Double Row)

F. PLATING

A: Selective Gold Plating

G. CONTACT SPACING

.050" (1.27mm)

H. TERMINATION METHOD

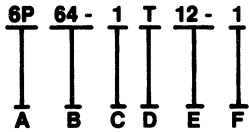
- DS: Right Angle PCB Mount
- DSA: Straight PCB Mount
- R: IDC to Ribbon Cable

MANUFACTURERS' ORDERING KEYS

AUG04

AUGAT

EXAMPLE



A. CONNECTOR SERIES

B. NUMBER OF CONTACTS

Single
Row
(8, 12, 14, 16 & 20)

Double
Row

(8, 12, 20, 26, 34, 40, 50, 60, 64 & 72)

C. NUMBER OF ROWS

1 - SINGLE ROW
2 - DOUBLE ROW

D. TOP ENTRY

E. CABLE LENGTH

12, 24 & 36

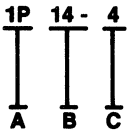
F. OPTIONS

SINGLE (1) OR DOUBLE ENDED (2)

AUG03

AUGAT

EXAMPLE



A. CONNECTOR SERIES

B. NUMBER OF CONTACTS

(14 or 16)

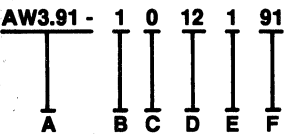
C. STYLE

- 1 .018 Solder Pocket
- 2 .023 Solder Pocket
- 3 .018 Crimp Contact
- 4 .023 Crimp Contact

ASM03

ASSMANN ELECTRONIC GmbH

EXAMPLE



A. ARTICLE NUMBER

AW3.91

B. MOUNTING TYPE

- 0 = With Standard Drilled Mounting Flange
- 1 = Without Drilled Mounting Flange
- 2 = With Drilled Mounting Flange (Offset)

C. READOUT

- 0 = Row A only
- 1 = Row B only
- 2 = Rows A and B

D. CONTACTS PER ROW

6, 10, 12, 15, 18, 22, 30, 31, 36, 43, 50, 55

E. TERMINATION TYPE

- 1 = Wire Wrap Posts
- 2 = Dip Solder Pins
- 3 = Hand Solder Pins

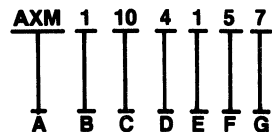
F. PLATING

91 = Gold Plating

ARO02

AROMAT CORPORATION

EXAMPLE



A. MANUFACTURERS TYPE DESIGNATION

AXM: MIL type

B. CONNECTOR TYPE

1: Socket

C. NUMBER OF CONTACTS

- 10: 10 contacts
- 14: 14 contacts
- 16: 16 contacts
- 20: 20 contacts
- 26: 26 contacts
- 30: 30 contacts
- 34: 34 contacts
- 40: 40 contacts
- 50: 50 contacts
- 60: 60 contacts
- 64: 64 contacts

D. STRAIN RELIEF

- 2: Without strain relief
- 4: With strain relief

E. PITCH OF FLAT CABLE

1: 1.27

F. PLATING

5: Au 0.2 μ m for contact portion, Au flash for others

Note: In addition to the standard plating listed above, gold plating of 0.5 μ m and 0.76 μ m, as well as tin-lead plated products are available.

G. PACKAGING

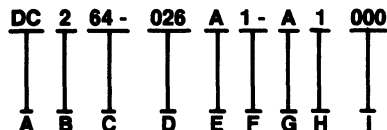
- 7: Box packaging
- H: Individual packaging

MANUFACTURERS' ORDERING KEYS

AUG05

AUGAT

EXAMPLE



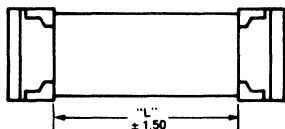
A. CONNECTOR SERIES

B. NUMBER OF CONNECTORS

C. NUMBER OF CONTACTS

D. LENGTH OF CABLE

NOTE: Twist & flat cable assemblies available in following lengths:
6, 7, 10, 14, 20, 26, 38, 50, 62, 74, 98, 122, 146
(over 146 Consult factory)



E. TYPE OF CABLE

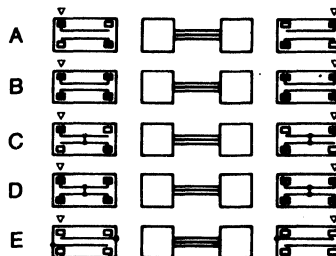
A 28 AWG stranded twist & flat with half twist
B 28 AWG stranded flat gray
C 28 AWG stranded flat color coded
X Non-standard cable

F. SHIELD/JACKET

0 No shield or jacket
1 .012 THK. (wall) black PVC jacket
2 1 and 5
3 UL style exterior PVC jacket
4 3 and 5
5 Aluminum coated mylar shield with drain wire over each cable
X Non-standard shield and/or jacket

G. STANDARD GROUNDOUT

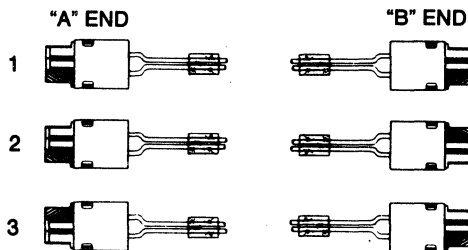
SPECIFIED END



GROUND TO CLIPS

X = NON-STANDARD GROUNDOUT

H. POLARIZING LOCATION



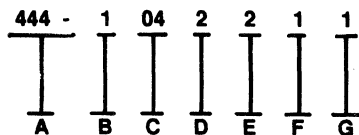
I. STANDARD AND NON-STANDARD OPTION

000 = Standard assembly (no options)
001-100 = Standard options
101-999 = Non-Standard assembly

WCC07

WELCON CONNECTOR COMPANY

EXAMPLE



A. POST LENGTH

X	POST LENGTH ("A")	
	In.	Mm
4	.230	5.84
5	.318	8.10

B. STYLE

1 - Single Row Right Angle
2 - Dual Row Right Angle

C. TOTAL NUMBER OF PINS

1 - 72

D. TAIL LENGTH

2 - .125

E. PIN PLATING

1 - 150 microinches 90/10 tin/lead all-over over 50 microinches nickel.
2 - 15 microinches gold over 50 microinches nickel in the contact area, 150 microinches 90/10 tin/lead plated tails.
3 - 30 microinches gold over 50 microinches nickel in the contact area, 150 microinches 90/10 tin/lead plated tails.

F. PIN MATERIAL

Mfr. Identification Code

G. BODY MATERIAL

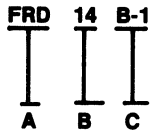
Mfr. Identification Code

MANUFACTURERS' ORDERING KEYS

BDY07

BURNDY

EXAMPLE

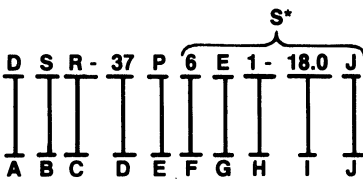


- A. CONNECTOR FAMILY**
- B. NUMBER OF CONTACTS**
8, 14, 16, 18, 20, 22, 24, 28, 40
- C. VARIATION NUMBER**
B-2 = Tin
B-1 = Gold

MNE01

MIN-E-CON

EXAMPLE



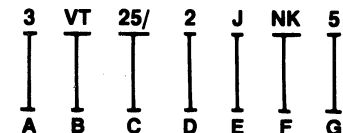
- A. D RECTANGULAR**
- B. MOUNTING STYLE**
S = Screw
- C. INSULATOR MATERIAL**
E = Polyester
R = Ryton
(Consult factory for other materials)
- D. CONTACT LAYOUT**
9, 15, 21, 25, 31, 37, 51
- E. CONTACT TYPE**
P = Pin
S = Socket
- F. WIRE SIZE IN AWG**
4 = 24, 6 = 26, 8 = 28, 0 = 30
- G. WIRE TYPE**
Stranded or solid per MIL-W-16878
C = Copper
E = 7 Strand, Type E
F = 7 Strand, Type ET

- G = 19 Strand, Type E
H = 19 Strand, Type ET
 - H. INSULATION COLOR OR SOLID WIRE FINISH**
 1. All white
 2. All yellow
 3. Tinned
 4. Gold plated
 5. Color coded per MIL Std. 681 System 1
 - I. LEAD LENGTH IN INCHES**
 - J. ATTACHING HARDWARE**
(Omit if not required)
J = Tall Jackscrew
L = Low Jackscrew
P = Jackpost (packaged with connector but not installed)
- **½ copper gold plated leads 24 AWG (4C4-0.5) or 18" White Teflon insulated wire, 7 strand Type E, 26 AWG (6E1-18.0) are recommended standards.
* S = Solder cup (26 gauge max) socket side only

VKC03

VIKING CONNECTOR CO.

EXAMPLE



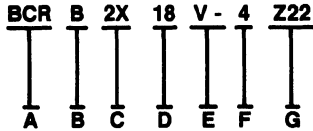
- A. POLARIZATION**
3 Between-Contacts (Internal).
- B. CONTACT PLATING**
KH .000010 gold engagement area;
.000010 gold termination area.
KT .000010 gold engagement area;
.000100 - .000150 tin lead termination area.
VH .000030 gold all over.
VN .000030 gold engagement area;
.000010 gold termination area.
VT .000030 gold engagement area;
.000100 - .000150 tin lead termination area.
- C. NUMBER OF CONTACT PAIRS**
15, 18, 20, 22, 25, 28, 30, 31, 35,
36, 40, 43, 44, 50, 55, 60, 65, 70
- D. INSULATOR MATERIAL**
1 Diallyl Phthalate (green)
Standard with VH, VN, and VT platings.
Not available with KT plating.
- 2 Polyester (black)
Standard with KH, KT, VN, and VT platings.
Not available with VH plating.
9 Phenolic (black)
Not available with KT plating
- E. SERIES IDENTIFIER**
J .100 (2.54) Contact Centers;
.062 (1.57) P.C. Board.
- F. CONTACT TERMINATIONS**
ND Wrap Post
NK Dip Solder
- G. MOUNTING STYLES**
1 Flush Mount
Standard with JNK termination only.
3 Threaded Insert
5 Thru Hole
12 No Ears

MANUFACTURERS' ORDERING KEYS

BDY27

BURNDY

EXAMPLE



- A. CONNECTOR SERIES**
BCR-Box Conn. Receptable
- B. CONTACT SPACING**
B - .100
- C. NUMBER OF CONTACT ROWS**
2X - 2 Row
- D. NUMBER OF CONTACTS PER ROW**
Up To 30 Positions (60 Contacts)
- E. TERMINATION STYLE**
V - Vapor Phase Solderable (for surface mounting)
S - Solder Tail for Through-Hole Mounting

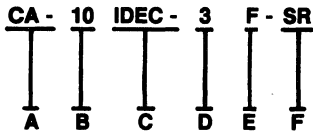
- F. VARIATION DESIGNATION**
4 - No Mounting Ear
6 - .125 Dia Thru Hole
- G. PLATING DESIGNATION**

Plating Designation	Description
Z22	30 μ m. min. gold in contact area and 100 μ m. min. solder on tails; 50 μ m. min. nickel underplate all over.

CAC07

CIRCUIT ASSEMBLY CORP.

EXAMPLE



- A. CONNECTOR FAMILY**
- B. NUMBER OF CONTACT POSITIONS**
10 **34
16 40
**20 50
26 60

- C. INSULATION DISPLACEMENT EDGE CARD**
- D. MOUNTING CONFIGURATION**
1 = EARS WITH .125 (3.18) DIA. HOLE
2 = EARS WITH .125 (3.18) WIDE SLOT
3 = NO MOUNTING EARS

- E. PLATING**
F = CONTACT AREA: .000030 (.000076)
GOLD INSULATION DISPLACEMENT
AREA: .000150 (.00381) 90/10 TIN/LEAD
ALLOY
UNDERPLATE: .000075 (.00190) NICKEL
T = .000250 (.00635) TIN OVER .000075
(.00190) NICKEL

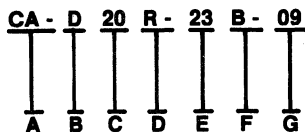
- F. STRAIN RELIEF**
BLANK = NO STRAIN RELIEF
SR = WITH STRAIN RELIEF

**AVAILABLE WITH MOLDED-IN POLARIZING KEYS. (BETWEEN CONTACTS)

CAC15

CIRCUIT ASSEMBLY CORP.

EXAMPLE



- A. CONNECTOR FAMILY**
- B. DUAL ROW**
- C. NUMBER OF PIN POSITIONS**
02 THRU 72
- D. RIGHT ANGLE**
- E. POST EXTENSION**
23 = .230 (5.84) STANDARD *
- F. PLATING**
B = .000010 (.00025) GOLD OVER .000075
(.00190) NICKEL
C = CONTACT AREA: .000015 (.00038)
GOLD
TAIL AREA: .000150 (.00381) 90/10
TIN/LEAD ALLOY
UNDERPLATE: .000075 (.00190) NICKEL

- E = .000030 (.00076) GOLD OVER .000075
(.00190) NICKEL
- F = CONTACT AREA: .000150 (.00381) 90/10
TIN/LEAD ALLOY
UNDERPLATE: .000075 (.00190) NICKEL
- T = .000150 (.00381) TIN OVER .000075
(.00190) NICKEL

- G. TAIL LENGTH**
09 = .090 (2.29)
19 = .190 (4.83)
29 = .290 (7.37)
39 = .390 (9.91)
49 = .490 (12.45)
59 = .590 (14.99)

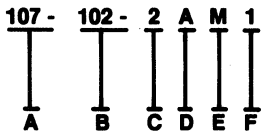
* Consult Mfr. For Additional Lengths

MANUFACTURERS' ORDERING KEYS

BDY13

BURNDY

EXAMPLE



A. CONNECTOR FAMILY

B. BODY STYLE

- 102 - Std. body/jackscrews
- 202 - Short body jackscrews
- 103 - Std. body/threaded insert
- 203 - Short body threaded insert

C. NUMBER OF CONTACTS

- 1 (9 contacts)
- 2 (15 contacts)
- 3 (25 contacts)
- 4 (37 contacts)

D. PLATING TYPE

- A (15 micro inches gold)
 - B (30 micro inches gold)
- (Refer to Material list)

E. MANUFACTURERS DESIGNATOR

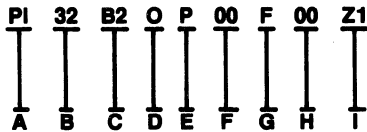
F. GROUNDING BRACKET

- 1 (standard)
- 2 (with solder tail) (leave blank for NO bracket)

BDY14

BURNDY

EXAMPLE



A. CONNECTOR FAMILY

B. MAX. CONTACTS IN HOUSING

- 32
- 64

C. 2 ROW HOUSING

D. CONTACT ARRANGEMENT

O Rows A + B

A Row A only

B Row B only

E. PLUG CONNECTOR

F. BODY VARIATION

G. CONTACT TERMINATION LENGTH

F	G	H	K	M
.108	.197	.535	.152	.526
(2,75)	(5,0)	(13,6)	(3,86)	(13,36)

NOTE: F, G and K terminations intended for .031 (0.8) dia. holes

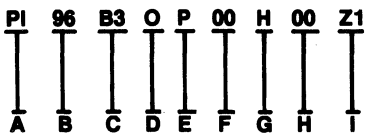
H. DESIGN VARIATION

I. CONTACT PLATING

BDY16

BURNDY

EXAMPLE



A. CONNECTOR FAMILY

B. MAX. CONTACTS IN HOUSING

- 48
- 96

C. 3 ROW HOUSING

D. CONTACT ARRANGEMENT

O Rows A, B + C

1 Rows A & B

2 Rows A & C

3 Rows B & C

A Row A only

B Row B only

C Row C only

E. PLUG CONNECTOR

F. BODY VARIATION

G. CONTACT TERMINATION LENGTH

F	G	H	K	M
.108	.197	.535	.152	.526
(2,75)	(5,0)	(13,6)	(3,86)	(13,36)

NOTE: F, G and K terminations intended for .031 (0.8) dia. holes.

H. DESIGN VARIATION

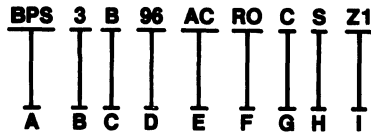
I. CONTACT PLATING

MANUFACTURERS' ORDERING KEYS

BDY09

BURNDY

EXAMPLE



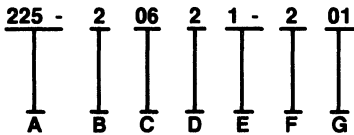
- A. CONNECTOR FAMILY**
- B. VARIATIONS**
- C. 2.54 mm. SPACING**
- D. TOTAL NUMBER OF POSITIONS**
- E. CONTACT ARRANGEMENT**
AC: Rows A and C fully loaded
AB: Rows A and B fully loaded
- F. CABLE ACCOMMODATION**
RO: AWG 30 solid or AWG 28 stranded

- G. COVER VARIATION**
F: Feed-thru cover
C: Closed-end cover
- H. CONNECTOR VARIATION**
O: without strain relief; body with mounting holes
S: with strain relief; body without mounting holes
- I. CONTACT FINISH**
Z1 - Performance per DIN 41612 class II, 2x200 cycles.

AAP3

ALLIED AMPHENOL PRODUCTS

EXAMPLE



- D. CONTACT CONFIGURATION**
2
Two rows of independent contacts.
- 5
Two rows of bridged contacts with one tail



- E. MOUNTING**
 - 1 MOUNTING HOLE FOR #4 SCREW
-

- 2 FLOAT MOUNTING FOR #4 SCREW
-

- 3 THREADED HOLE
-

- F. CONTACT PLATING**
Digit 2 Plating
 .000050 (0,001270)
 Gold over Copper
 (MIL-C-21097)

- G. TAIL STYLE**
-
- 01 Style
Eyelet Type Solder Termination

-
- 01
Down-the-center

-
- 1.1
Medium Dip Solder

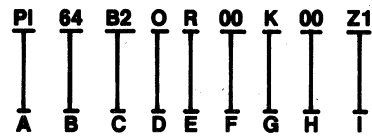
- A. SERIES**
225-
 - B. TERMINATION**
Digit 2 Termination
 Solder
 - C. NUMBER OF CONTACTS**
- | Digit Group | No. of Contacts |
|-------------|-----------------|
| 06 | 6 or 12 |
| 10 | 10 or 20 |
| 15 | 15 or 30 |
| 18 | 18 or 36 |
| 22 | 22 or 44 |
| 28 | 28 or 56 |
| 36 | 36 or 72 |
| 43 | 43 or 86 |

MANUFACTURERS' ORDERING KEYS

BDY15

BURNDY

EXAMPLE



- A. CONNECTOR FAMILY
- B. MAX. CONTACTS IN HOUSING
32
64
- C. 2 ROW HOUSING
- D. CONTACT ARRANGEMENT

O	Rows A + B
A	Row A only
B	Row B only

- E. RECEPTACLE CONNECTOR
- F. BODY VARIATION
- G. CONTACT TERMINATION LENGTH

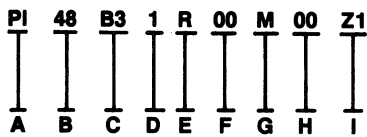
M	K	A
.512 (13,0)	.201 (5,1)	.108 (2,75)

- H. DESIGN VARIATION
- I. CONTACT PLATING

BDY17

BURNDY

EXAMPLE



- C. 3 ROW HOUSING
- D. CONTACT ARRANGEMENT

0	Rows A, B + C
1	Rows A & B
2	Rows A & C
3	Rows B & C
A	Row A only
B	Row B only
C	Row C only

- F. BODY VARIATION
- G. CONTACT TERMINATION LENGTH

M	K	A
.512 (13,0)	.201 (5,1)	.108 (2,75)

- H. DESIGN VARIATION
- I. CONTACT PLATING

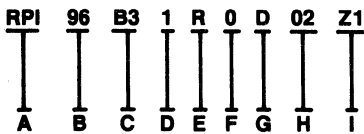
- A. CONNECTOR FAMILY
- B. MAX. CONTACTS IN HOUSING
48
96

- E. RECEPTACLE CONNECTOR

BDY19

BURNDY

EXAMPLE



- C. 3 ROW HOUSING
- D. CONTACT ARRANGEMENT

0	Rows A, B + C
1	Rows A & B
2	Rows A & C
3	Rows B & C
A	Row A only
B	Row B only
C	Row C only

- F. BODY VARIATION *
- G. CONTACT TERMINATION LENGTH

L.M.E.	TRUE	D = .118 (3.0)
		G = .108 (2.75)
D	G	H = .315 (8.0)
	H	L = .150 (3.8)
	L	

* To order TRUE INVERTED DIN Receptacle, insert the number 1 in place of 0 for Body variation. Mounting dimensions will differ from L.M.E. Series.

- H. DESIGN VARIATION
- I. CONTACT PLATING

- A. REVERSE INDIRECT CONNECTOR
- B. MAX. CONTACTS IN HOUSING
(3 x 32)

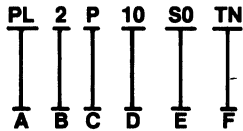
- E. RECEPTACLE CONNECTOR

MANUFACTURERS' ORDERING KEYS

BDY05

BURNDY

EXAMPLE



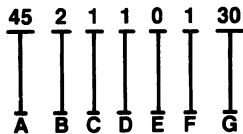
- A. CONNECTOR FAMILY
- B. NUMBER OF CONTACT ROWS
(1 = 1 row, 2 = 2 rows)
- C. PLUG CONNECTOR
- D. NUMBER OF CONTACTS
10-14-16-20-26-34-40-50-60

- E. CONTACT TERMINATION
T1 = Right angle version
S0 = Straight version
- F. CONTACT FINISH
K9 = 20 microinches min. gold over 75 microinches min. nickel in contact area; tin alloy on solder tail
TN = Tin alloy all over

EFB06

ELFAB INTERCONNECTION INNOVATORS

EXAMPLE



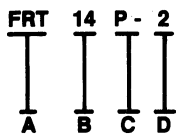
- A. SERIES
Soc Pac
- B. SIZE
0 = .100 S'IP Y = 0
1 = .100 x .300 Y = .300
2 = .100 x .600 Y = .600
- C. CONTACT TYPE
0 - solder tail
1 - press fit
- D. BULLET LENGTH
0 - .100 press fit
1 - .175 press fit
2 - solder

- E. TAIL LENGTH
0 - 0 wrap
.070 for press fit
.120 for solder
2 - 2 wrap .400
3 - 3 wrap .540
- F. PLATING CODE
0 - 5 μ in. gold over ⁵⁰/₁₀₀ μ in. nickel
1 - ⁵⁰/₁₀₀ μ in. nickel
2 - ¹⁵⁰/₂₀₀ μ in. bright tin over ⁵⁰/₁₀₀ μ in. nickel
*Other platings available. Consult factory.
- G. TOTAL CONTACTS
30 = 01-56
14 = 08, 14, 16
28 = 24, 28, 36, 40

BDY08

BURNDY

EXAMPLE



- A. CONNECTOR FAMILY
- B. NUMBER OF CONTACTS
10 34
14 40
16 50
20 60
26 64
- C. MANUFACTURERS DESIGNATOR

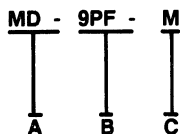
D. VARIATION

-1	.085	(2,16)
-2	.105	(2,67)
-3	.165	(4,19)

EFB11

ELFAB INTERCONNECTION INNOVATORS

EXAMPLE



- A. MATERIAL
MD = Metal
PD = Plastic
- B. NUMBER OF CONTACTS
9 pins
15 pins
25 pins
37 pins

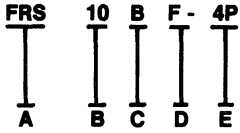
- C. GENDER
M - Male
F - Female

MANUFACTURERS' ORDERING KEYS

BDY06

BURNDY

EXAMPLE



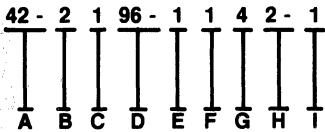
- A. CONNECTOR FAMILY**
- B. NUMBER OF CONTACTS**
- C. MANUFACTURERS DESIGNATOR**
- D. COVER VARIATIONS**
 - F - Body supplied with feed thru cover assy.
 - S - Body supplied with closed end cover and strain relief assy.
 - C - Body supplied with closed end cover assy.
 - D - Body supplied with feed thru cover and strain relief assy.
- E. VARIATION NUMBER**

CONTACT	FINISH
FRS__B_-7 (No center key)	TIN ALLOY
FRS__B_-4P (With center key)	
FRS__B_-5 (No center key)	0.00076 (.000030) min. gold on contact area over 0,00190 (.0000750) min. nickel. Remainder of contact has 0,00013 (.000005) min. gold over 0,00190 (.000075) min. nickel.
FRS__B_-1P (With center key)	

EMSB02

ELECTRONIC MODULAR SYSTEMS LTD

EXAMPLE



- A. SERIES**
Inverse DIN Series
- B. BODY DESIGN**
 - 1 = B (2 ROW)
 - 2 = C (3 ROW)
- C. MOUNTING**
 - 1 = FLANGE/HOLES
 - 2 = NO FLANGE
- D. NUMBER OF CONTACTS**
 - 32, 64 Contacts for B Type
 - 32, 64, 96 Contacts for C Type

E. TYPE OF CONTACT INTERFACE

- 0 = NO POSTS
- 1 = SOLID
- 2 = COMPLIANT

F. POST LENGTH/STYLE

- 0 = NO POST
- 1 = FLUSH
- 3 = 14.1 (.555 in.)
- 9 = RIGHT ANGLE

G. PLATING-CONTACT AREA

- 1 = TIN
- 2 = 0.2 μ Au
(5 Microin. Gold)
- 3 = 0.4 μ Au
(15 Microin. Gold)
- 4 = 0.8 μ Au
(30 Microin. Gold)
- 5 = 1.2 μ Au
(50 Microin. Gold)

H. PLATING-POST AREA

- 1 = TIN
- 2 = 0.2 μ Au
(5 Microin. GOLD)
- 3 = 0.4 μ Au
(15 Microin. GOLD)
- 4 = 0.8 μ Au
(30 Microin. GOLD)
- 5 = 1.2 μ Au
(50 Microin. GOLD)
- 8 = SPECIAL

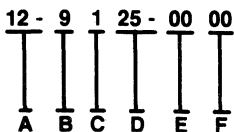
I. ROW LOADING

- 1 = ABC
- 2 = AC
- 3 = AB
- 4 = BC

EMSB06

ELECTRONIC MODULAR SYSTEMS LTD

EXAMPLE



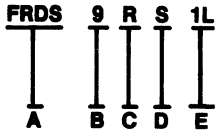
- A. SERIES**
D - Sub Series
- B. PRODUCT**
- C. TYPE OF CONTACT**
 - 1 = SOCKET (FEMALE)
 - 2 = PIN (MALE)
- D. NUMBER OF PINS**
9, 15, 25, 37, 50
- E. MOUNTING STYLE**
 - 00 = STD. MOUNTING EAR
 - 01 = PCB THREAD LOCK
 - 02 = MATING THREAD LOCK
 - 03 = THREAD LOCK BOTH SIDES
- F. MODIFIER**
00 = STANDARD

MANUFACTURERS' ORDERING KEYS

BDY11

BURNDY

EXAMPLE

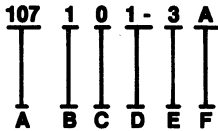


- A. CONNECTOR FAMILY**
- B. NUMBER OF CONTACTS**
B = 9, 15, 25, 37
- C. MANUFACTURERS DESIGNATOR**
- D. CONTACT TYPE**
D = P - Pin Contact
S = Socket

BDY12

BURNDY

EXAMPLE

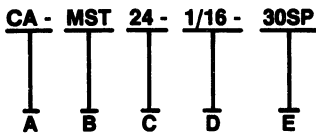


- A. CONNECTOR FAMILY**
- B. BODY STYLE**
1 Long body
2 Short body
- C. SOCKET CONTACTS**
- D. MOUNTING STYLE**
1 .120 dia. mounting hole
2 Threaded jackscrew
3 Threaded insert
- E. NUMBER OF CONTACTS**
1 (9 position)
2 (15 position)
3 (25 position)
4 (37 position)
- F. PLATING TYPE**
A (15 microinches)
B (30 microinches)

CAC37

CIRCUIT ASSEMBLY CORP.

EXAMPLE

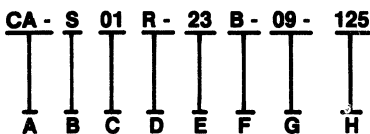


- A. CONNECTOR FAMILY**
- B. SERIES IDENTIFICATION**
- C. NUMBER OF CONTACT POSITIONS**
- D. MATING PCB THICKNESS**
1/16
1/32
- E. PLATING**
BLANK = .000010 (.00025) GOLD OVER
.000075 (.00190) NICKEL
30SP = CONTACT AREA: .000030 (.00076)
GOLD
TAIL AREA: .000003 (.00008) GOLD
FLASH MIN.
UNDERPLATE: .000075 (.00190)
NICKEL

CAC19

CIRCUIT ASSEMBLY CORP.

EXAMPLE



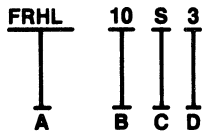
- A. CONNECTOR FAMILY**
- B. SINGLE ROW**
- C. NUMBER OF PIN POSITIONS**
01 THRU 36
- D. RIGHT ANGLE**
- E. POST EXTENSION**
23 = .230 (5.84) STANDARD *
- F. PLATING**
B = .000010 (.00025) GOLD OVER .000075
(.00190) NICKEL
E = .000030 (.00076) GOLD OVER .000075
(.00190) NICKEL
- G. TAIL LENGTH**
09 = .090 (2.29)
19 = .190 (4.83)
29 = .290 (7.37)
39 = .390 (9.91)
49 = .490 (12.45)
59 = .590 (14.99)
- H. .125 CENTERLINES**
* Consult Mfr. For Additional Lengths

MANUFACTURERS' ORDERING KEYS

BDY04

BURNDY

EXAMPLE

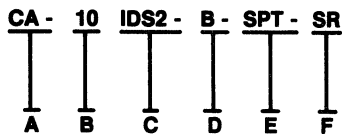


- A. CONNECTOR FAMILY**
- B. NUMBER OF CONTACTS**
10-14-16-20-26-34-40-50-60
- C. CONTACT TERMINATION**
S = Straight
R = Right Angle
- D. CONTACT FINISH**
2 = 30 microinches gold
3 = Tin alloy plating

CAC02

CIRCUIT ASSEMBLY CORP.

EXAMPLE



- A. CONNECTOR FAMILY**
- B. NUMBER OF CONTACT POSITIONS**

10	34
14	40
16	50
20	60
26	

- C. INSULATION DISPLACEMENT SOCKET, SERIES 2**

D. PLATING

- B = .000010 (.00025) GOLD OVER .000075 (.00190) NICKEL
- F = CONTACT AREA: .000030 (.00076) GOLD INSULATION DISPLACEMENT AREA: .0000150 (.00381) 90/10 TIN/LEAD ALLOY UNDERPLATE: .000075 (.00190) NICKEL
- T = .000250 (.00635) TIN OVER .000075 (.00190) NICKEL

E. POLARIZING TABS

- BLANK = NONE ON 10 THRU 60 POSITIONS
- SPT = SINGLE POLARIZING TAB ON 10 THRU 60 POSITIONS
- DPT = DUAL POLARIZING TABS ON 50 AND 60 POSITIONS ONLY

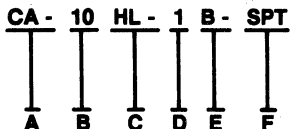
F. STRAIN RELIEF

- BLANK = NO STRAIN RELIEF
- SR = WITH STRAIN RELIEF

CAC26

CIRCUIT ASSEMBLY CORP.

EXAMPLE



- A. CONNECTOR FAMILY**
- B. NUMBER OF PIN POSITIONS**

NO. OF POSITIONS
10
14
16
20
26
34
40
50
60

C. HEADER LOW PROFILE

D. TAIL LENGTH

- 1 = .100 (2.54) (SHORT SOLDER TAIL) (F PLATING)
- 2 = .160 (4.06) (LONG SOLDER TAIL) (F PLATING)
- 3W = .610 (15.49) (3 LEVEL WRAP TAIL) (B PLATING)

E. PLATING

- B = .000010 (.00025) GOLD OVER .000075 (.00190) NICKEL
- F = CONTACT AREA: .000030 (.00076) GOLD TAIL AREA: .000150 (.00381) 90/10 TIN/LEAD ALLOY UNDERPLATE: .000075 (.00190) NICKEL

F. POLARIZING SLOT OPTION

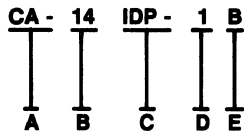
- SPT = 10 POSITION ONLY

MANUFACTURERS' ORDERING KEYS

CAC03

CIRCUIT ASSEMBLY CORP.

EXAMPLE



- A. CONNECTOR FAMILY**
- B. NUMBER OF PIN POSITIONS**

14
16
24
40

- C. INSULATION DISPLACEMENT PLUG**
- D. TAIL LENGTH**

1 = .146 (3.70) (SHORT SOLDER TAIL)
2 = .185 (4.70) (LONG SOLDER TAIL)

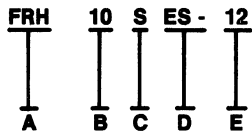
- E. PLATING**

B = .000010 (.00025) GOLD OVER .000075 (.00190) NICKEL
T = .000250 (.00635) TIN OVER .000075 (.00190) NICKEL

BDY02

BURNDY

EXAMPLE



- A. CONNECTOR FAMILY**
- B. NUMBER OF CONTACTS**

- C. TAIL DIRECTION**
S - Straight
R - Right Angle

- D. LATCHING**

ES - With short ejector/latches
EL - With long ejector/latches
Blank - Without ejector/latches

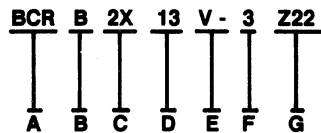
- E. VARIATION NUMBER**

Tail Length	Plating
-12 .105 (2,67)	TIN ALLOY
-13 .165 (4,19)	
-8 .105 (2,67)	GOLD
-10 .165 (4,19)	

BDY25

BURNDY

EXAMPLE



- A. CONNECTOR SERIES**
BCR - Box Conn. Receptacle

- B. CONTACT SPACING**
B - .100

- C. NUMBER OF CONTACT ROWS**
2X - 2 Rows

- D. NUMBER OF CONTACTS PER ROW**
Up to 30 Positions (60 Contacts)

- E. TERMINATION STYLE**

V - Vapor Phase Solderable (for Surface Mounting)
S - Solder Tail for through-hole mounting

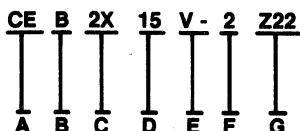
- F. VARIATION DESIGNATION**

3 - No Mounting Ears
5 - .125 dia thru hole

BDY26

BURNDY

EXAMPLE



- A. CONNECTOR SERIES**
Card Edge

- B. CONTACT SPACING**
B-.100

- C. NUMBER OF CONTACT ROWS**
2X - 2 Rows

- D. NUMBER OF CONTACTS PER ROW**
Up to 60 Positions (120 Contacts)

- E. TERMINATION STYLE**

V - Vapor Phase Solderable (for Surface Mounting)
S - Solder Tail for through-hole mounting

- F. VARIATION DESIGNATION**

2 - No Mounting Ears
3 - .125 dia thru hole

- G. PLATING DESIGNATION**

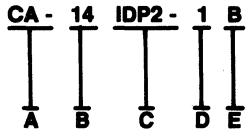
Plating Designation	Description
Z22	30 μin. min. gold in contact area and 100 μin. min. solder on tails; 50 μin. min. nickel underplate all over.

MANUFACTURERS' ORDERING KEYS

CAC04

CIRCUIT ASSEMBLY CORP.

EXAMPLE



- A. CONNECTOR FAMILY**
B. NUMBER OF PIN POSITIONS

14
16
24
40

- C. INSULATION DISPLACEMENT PLUG, SERIES 2**
D. TAIL LENGTH

1 = .146 (3.70) (SHORT SOLDER TAIL)
 2 = .185 (4.70) (LONG SOLDER TAIL)

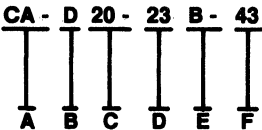
- E. PLATING**

B = .000010 (.00025) GOLD OVER .000075 (.00190) NICKEL
 T = .000250 (.00635) TIN OVER .000075 (.00190) NICKEL

CAC14

CIRCUIT ASSEMBLY CORP.

EXAMPLE



- A. CONNECTOR FAMILY**
B. DUAL ROW
C. NUMBER OF PIN POSITIONS

02 THRU 72
 23 = .230 (5.84) STANDARD *

- E. PLATING**

B = .000010 (.00025) GOLD OVER .000075 (.00190) NICKEL
 C = CONTACT AREA: .000015 (.00038) GOLD
 TAIL AREA: .000150 (.00381) 90/10 TIN/LEAD ALLOY
 UNDERPLATE: .000075 (.00190) NICKEL

E = .000030 (.00076) GOLD OVER .000075 (.00190) NICKEL

F = CONTACT AREA: .000030 (.00076) GOLD
 TAIL AREA: .000150 (.00381) 90/10 TIN/LEAD ALLOY

UNDERPLATE: .000075 (.00190) NICKEL
 T = .000150 (.00381) TIN OVER .000075 (.00190) NICKEL

- F. PIN LENGTH**

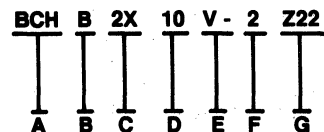
43 = .430 (10.92) STANDARD *

* Consult Mfr For Additional Lengths

BDY28

BURNDY

EXAMPLE



- A. CONNECTOR SERIES**
 BCH-Box Conn Heater

- B. CONTACT SPACING**
 B-100

- C. NUMBER OF CONTACT ROWS**
 2X - 2 Rows

- D. NUMBER OF CONTACTS PER ROW**
 Up to 50 Positions (100 Contacts)

- E. TERMINATION STYLE**
 V - Vapor Phase Solderable (for Surface Mounting)
 S - Solder Tail for through-hole mounting

- F. VARIATION DESIGNATION**

BCHB2X_V-2_	No Ears
BCHB2X_V-3_	.125 Mtg. Hole
BCHB2X_V-4_	No Ears
BCHB2X_V-5_	.125 Mtg. Hole

- G. PLATING DESIGNATION**

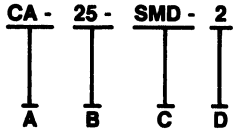
Plating Designation	Description
Z22	30 μin. min. gold in contact area and 100 μin. min. solder on tails; 50 μin. min. nickel underplate all over.

MANUFACTURERS' ORDERING KEYS

CAC08

CIRCUIT ASSEMBLY CORP.

EXAMPLE

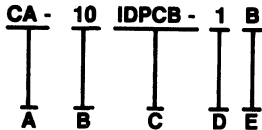


- A. CONNECTOR FAMILY
- B. NUMBER OF CONTACT POSITIONS
- C. SUBMINATURE D
- D. SOCKET

CAC06

CIRCUIT ASSEMBLY CORP.

EXAMPLE



- A. CONNECTOR FAMILY
- B. NUMBER OF PIN POSITIONS

10	36
20	40
26	50
34	

- C. INSULATION DISPLACEMENT PLUG, CIRCUIT BOARD

- D. TAIL LENGTH

1 = .100 (2.54) (SHORT SOLDER TAIL)
2 = .156 (3.96) (LONG SOLDER TAIL)

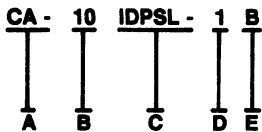
- E. PLATING

B = .000010 (.00025) GOLD OVER .000075 (.00190) NICKEL
T = .000250 (.00635) TIN OVER .000075 (.00190) NICKEL

CAC05

CIRCUIT ASSEMBLY CORP.

EXAMPLE



- A. CONNECTOR FAMILY
- B. NUMBER OF PIN POSITIONS

1	34
14	36
16	40
20	50
24	60
26	64

- C. INSULATION DISPLACEMENT PLUG, SLIM LINE

- D. TAIL LENGTH

1 = .126 (3.20) (SHORT SOLDER TAIL)
2 = .165 (4.19) (LONG SOLDER TAIL)

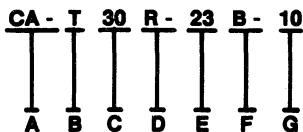
- E. PLATING

B = .000010 (.00025) GOLD OVER .000075 (.00190) NICKEL
T = .000250 (.00635) TIN OVER .000075 (.00190) NICKEL

CAC17

CIRCUIT ASSEMBLY CORP.

EXAMPLE



- A. CONNECTOR FAMILY
- B. TRIPLE ROW
- C. NUMBER OF PIN POSITIONS
03 THRU 108
- D. RIGHT ANGLE
- E. POST EXTENSION
23 = .230 (5.84) STANDARD *
- F. PLATING

B = .000010 (.00025) GOLD OVER .000075 (.00190) NICKEL
C = CONTACT AREA: .000015 (.00038) GOLD
TAIL AREA: .000150 (.00381) 90/10 TIN/LEAD ALLOY
UNDERPLATE: .000075 (.00190) NICKEL

E = .000030 (.00076) GOLD OVER .000075 (.00190) NICKEL
F = CONTACT AREA: .000030 (.00076) GOLD
TAIL AREA: .000150 (.00381) 90/10 TIN/LEAD ALLOY
UNDERPLATE: .000075 (.00190) NICKEL
T = .000150 (.00381) TIN OVER .000075 (.00190) NICKEL

- G. TAIL LENGTH

10 = .100 (2.54)

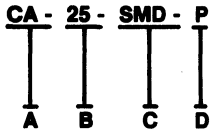
* Consult Mfr. For Additional Lengths

MANUFACTURERS' ORDERING KEYS

CAC09

CIRCUIT ASSEMBLY CORP.

EXAMPLE

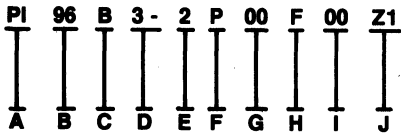


- A. CONNECTOR FAMILY
- B. NUMBER OF CONTACT POSITIONS
- C. SUBMINATURE D
- D. PLUG

BDY10

BURNDY

EXAMPLE



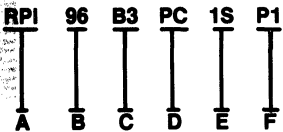
- A. CONNECTOR FAMILY
- B. NUMBER OF POSITIONS 3 x 32
- C. 2.54 mm. SPACING
- D. 3 ROW CONNECTOR
- E. CONTACT ARRANGEMENT
 - 1: Row A and B fully loaded
 - 2: Row A and C fully loaded
- F. PLUG CONNECTOR

- G. BODY VARIATIONS
- H. CONTACT TERMINATION
 - F (right angle) or K (straight)
- I. VARIATIONS
- J. CONTACT FINISH
 - Performance per DIN 41612 class II, 2 x 200 cycles. Other plating available - consult factory.

BDY20

BURNDY

EXAMPLE



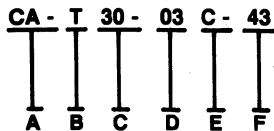
- A. MANUFACTURERS TYPE CODE
 - RPI = Reversed Indirect Connector
- B. CONTACT POSITIONS
 - 96 Max.

- C. HOUSING
 - B3 = 3 Row
- D. CONNECTOR TYPE
 - PC = Plug Connector
- E. BODY VARIATION
- F. HOUSING

CAC16

CIRCUIT ASSEMBLY CORP.

EXAMPLE



- A. CONNECTOR FAMILY
- B. TRIPLE ROW
- C. NUMBER OF PIN POSITIONS
 - 03 THRU 108
- D. POST EXTENSION
 - 23 = .230 (5.84) STANDARD *
- E. PLATING
 - B = .000010 (.00025) GOLD OVER .000075 (.00190) NICKEL
 - C = CONTACT AREA: .000015 (.00038) GOLD
 - TAIL AREA: .000150 (.00381) 90/10 TIN/LEAD ALLOY
 - UNDERPLATE: .000075 (.00190) NICKEL

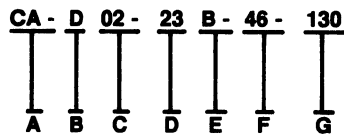
- E = .000030 (.00076) GOLD OVER .000075 (.00190) NICKEL
 - F = CONTACT AREA: .000030 (.00076) GOLD
 - TAIL AREA: .000150 (.00381) 90/10 TIN LEAD ALLOY
 - UNDERPLATE: .000075 (.00190) NICKEL
 - T = .000150 (.00381) TIN OVER .000075 (.00190) NICKEL
 - F. PIN LENGTH
 - 43 = .430 (10.92) STANDARD *
- * Consult Mfr. For Additional Lengths

MANUFACTURERS' ORDERING KEYS

CAC21

CIRCUIT ASSEMBLY CORP.

EXAMPLE



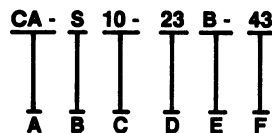
- A. CONNECTOR FAMILY
- B. DUAL ROW
- C. NUMBER OF PIN POSITIONS
02 THRU 120
- D. POST EXTENSION
23 = .230 (5.84) STANDARD *
- E. PLATING
B = .000010 (.00025) GOLD OVER .000075
(.00190) NICKEL

- E = .000030 (.00076) GOLD OVER .000075
(.00190) NICKEL
- T = .000150 (.00381) TIN OVER .000075
(.00190) NICKEL
- F. PIN LENGTH
46 = .460 (11.68) STANDARD *
- G. .130 HIGH INSULATION
- * Consult Mfr. For Additional Lengths

CAC12

CIRCUIT ASSEMBLY CORP.

EXAMPLE



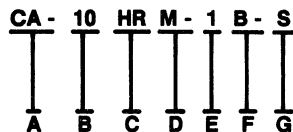
- A. CONNECTOR FAMILY
- B. SINGLE ROW
- C. NUMBER OF PIN POSITIONS
01 THRU 36
- D. POST EXTENSION
23 = .230 (5.84) STANDARD *
- E. PLATING
B = .000010 (.00025) GOLD OVER .000075
(.00190) NICKEL
C = CONTACT AREA: .000015 (.00038)
GOLD
TAIL AREA: .000150 (.00381) 90/10
TIN/LEAD ALLOY
UNDERPLATE: .000075 (.00190) NICKEL

- E = .000030 (.00076) GOLD OVER .000075
(.00190) NICKEL
- F = CONTACT AREA: .000030 (.00076)
GOLD
TAIL AREA: .000150 (.00381) 90/10
TIN/LEAD ALLOY
UNDERPLATE: .000075 (.00190) NICKEL
- T = .000150 (.00381) TIN OVER .000075
(.00190) NICKEL
- F. PIN LENGTH
43 = .430 (10.92) STANDARD *
- * Consult Mfr. For Additional Lengths

CAC23

CIRCUIT ASSEMBLY CORP.

EXAMPLE



- A. CONNECTOR FAMILY
- B. NUMBER OF PIN POSITIONS

NO. OF POSITIONS
10
14
16
20
26
34
40
50
60

- C. HEADER RIGHT ANGLE

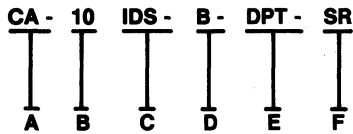
- D. TAIL TYPE
BLANK = .025 (0.64) SQUARE PIN (B PLATING)
M = .025 (0.64) ROUND PIN (F PLATING)
SOLDER TAILS ONLY (CONFORMS TO MIL-C-83503/24A)
- E. CONTACT LENGTH
1 = .100 (2.54) (SHORT SOLDER TAIL)
2 = .160 (4.06) (LONG SOLDER TAIL)
3W = .610 (15.49) (3 LEVEL WRAP TAIL)
- F. PLATING
B = .000010 (.00025) GOLD OVER .000075
(.00190) NICKEL
F = CONTACT AREA: .000030 (.00076) GOLD
TAIL AREA: .000150 (.00381) 90/10
TIN/LEAD ALLOY
UNDERPLATE: .000075 (.00190) NICKEL
- G. LATCH/POLARIZING OPTION
BLANK = NO LATCHES
S = SOCKET LATCH (USE WITH ISD2)
SR = STRAIN RELIEF LATCH (USE WITH ISD/IDS2 WITH STRAIN RELIEF)
457 = SOCKET LATCH (USE WITH IDS)
SPT = 10 POSITION ONLY

MANUFACTURERS' ORDERING KEYS

CAC01

CIRCUIT ASSEMBLY CORP.

EXAMPLE



A. CONNECTOR FAMILY B. NUMBER OF CONTACT POSITIONS

10	34
14	40
16	50
20	60
26	

C. INSULATION DISPLACEMENT SOCKET

D. PLATING

B = .000010 (.00025) GOLD OVER .000075
(.00190) NICKEL
T = .000250 (.00635) TIN OVER .000075
(.00190) NICKEL

E. POLARIZING TABS

BLANK = NONE ON 10 THRU 60 POSITIONS
SPT = SINGLE POLARIZING TAB ON 10
THRU 60 POSITIONS
DPT = DUAL POLARIZING TABS ON 50
AND 60 POSITIONS ONLY

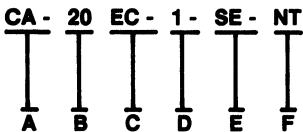
F. STRAIN RELIEF

BLANK = NO STRAIN RELIEF
SR = WITH STRAIN RELIEF

CAC32

CIRCUIT ASSEMBLY CORP.

EXAMPLE



A. CONNECTOR FAMILY B. NUMBER OF CONTACT POSITIONS

20	50
24	60
30	72
34	80
36	86
40	100
44	

C. EDGE CARD

D. MOUNTING CONFIGURATION

1 = .128 (3.25) DIA. HOLE
3 = NO MOUNTING EARS
4 = 4-40 THREADED INSERT

E. TAIL TYPE

SE = SOLDER EYELET .260 (6.60)
SD = SOLDER DIP .165 (4.19)
EC = EDGE CARD .130 (3.30)
1W = 1 LEVEL WRAP TAIL .315 (8.00)
3W = 3 LEVEL WRAP TAIL .630 (6.00)

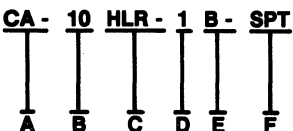
F. FINISH OPTION

NF = NO FINISH
NT = CONTACT AREA: NO FINISH
TAIL AREA: .000150 (.00381) 90/10
TIN/LEAD ALLOY
UNDERPLATE: TAIL ONLY, .000075
(.00190) NICKEL

CAC27

CIRCUIT ASSEMBLY CORP.

EXAMPLE



A. CONNECTOR FAMILY B. NUMBER OF PIN POSITIONS

NO. OF POSITIONS
10
14
16
20
26
34
40
50
60

C. HEADER, LOW PROFILE RIGHT ANGLE

D. PIN LENGTH

1 = .100 (2.54) (SHORT SOLDER TAIL)
(F PLATING)
2 = .160 (4.06) (LONG SOLDER TAIL)
(F PLATING)
3W = .610 (15.49) (3 LEVEL WRAP TAIL)
(B PLATING)

E. PLATING

B = .000010 (.00025) GOLD OVER .000075
(.00190) NICKEL
F = CONTACT AREA: .000030 (.00076)
GOLD
TAIL AREA: .000150 (.00381) 90/10
TIN/LEAD ALLOY
UNDERPLATE: .000075 (.00190) NICKEL

F. POLARIZING SLOT OPTION

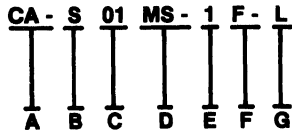
SPT = 10 POSITION ONLY

MANUFACTURERS' ORDERING KEYS

CAC28

CIRCUIT ASSEMBLY CORP.

EXAMPLE



A. CONNECTOR FAMILY

B. SINGLE ROW STRIP

C. NUMBER OF CONTACT POSITIONS

01 THRU 32

D. SCREW MACHINE CONTACT SOCKET

E. TAIL TYPE

1 = SOLDER TAIL .114 (2.90)
 2W = 2 LEVEL WRAP TAIL .39 (9.9)
 3W = 3 LEVEL WRAP TAIL .51 (13.0)

F. PLATING

F = CONTACT FINGERS: .000030 (.00076)
 GOLD
 SLEEVE: .000200 (.00508) TIN
 UNDERPLATE: .000075 (.00190) NICKEL

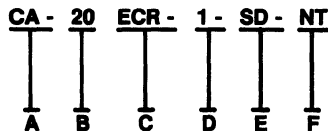
G. CONTACT FORCE OPTION

L = LOW INSERTION FORCE CONTACT
 INSERTION FORCE: *
 2.8 oz. (0.8 N.) TYP
 EXTRACTION FORCE: *
 1.4 oz. (0.4 N.) TYP
 * FORCES MEASURED WITH .018 (0.46)
 DIA PIN

CAC33

CIRCUIT ASSEMBLY CORP.

EXAMPLE



A. CONNECTOR FAMILY

B. NUMBER OF CONTACT POSITIONS

20	50
24	60
30	72
34	80
36	86
40	100
44	

C. EDGE CARD RIGHT ANGLE

D. MOUNTING CONFIGURATION

1 = .128 (3.25) DIA. HOLE
 3 = NO MOUNTING EARS
 4 = 4-40 THREADED INSERT
 5 = .128 (3.25) DIA. HOLE FOR RIGHT
 ANGLE MOUNTING

E. TAIL TYPE

SD = SOLDER DIP .135 (3.43)
 SD2 = SOLDER DIP, TYPE 2 .175 (4.44)

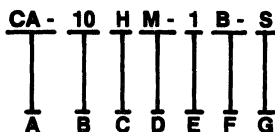
F. FINISH OPTION

NF = NO FINISH
 NT = CONTACT AREA: NO FINISH
 TAIL AREA: .000150 (.00381) 90/10
 TIN/LEAD ALLOY
 UNDERPLATE: TAIL ONLY, .000075
 (.00190) NICKEL

CAC22

CIRCUIT ASSEMBLY CORP.

EXAMPLE



A. CONNECTOR FAMILY

B. NUMBER OF PIN POSITIONS

NO. OF POSITIONS
10
14
16
20
26
34
40
50
60

C. HEADER

D. TAIL TYPE

BLANK = .025 (0.64) SQUARE PIN (B
 PLATING)
 M = .025 (0.64) ROUND PIN (F PLATING)
 SOLDER TAILS ONLY (CONFORMS TO
 MIL-C-83503/25A)

E. TAIL LENGTH

1 = .100 (2.54) (SHORT SOLDER TAIL)
 2 = .160 (4.06) (LONG SOLDER TAIL)
 3W = .610 (15.49) (3 LEVEL WRAP TAIL)

F. PLATING

B = .000010 (.00025) GOLD OVER .000075
 (.00190) NICKEL
 F = CONTACT AREA: .000030 (.00076) GOLD
 TAIL AREA: .000150 (.00381) 90/10
 TIN/LEAD ALLOY
 UNDERPLATE: .000075 (.00190) NICKEL

G. LATCH/POLARIZING OPTION

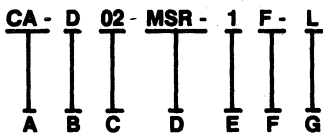
BLANK = NO LATCHES
 S = SOCKET LATCH (USE WITH ISD2)
 SR = STRAIN RELIEF LATCH (USE WITH
 IDS/IDS2 WITH STRAIN RELIEF)
 457 = SOCKET LATCH (USE WITH IDS)
 SPT = 10 POSITION ONLY

MANUFACTURERS' ORDERING KEYS

CAC31

CIRCUIT ASSEMBLY CORP.

EXAMPLE



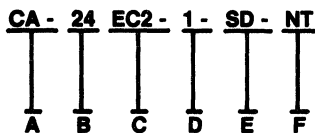
- A. CONNECTOR FAMILY**
- B. DUAL ROW STRIP**
- C. NUMBER OF CONTACT POSITIONS**
02 THRU 64
- D. SCREW MACHINE CONTACT SOCKET RIGHT ANGLE**

- E. SOLDER TAIL**
- F. PLATING**
F = CONTACT FINGERS: .000030 (.00076)
GOLD
SLEEVE: .000200 (.00508) TIN
UNDERPLATE: .000075 (.00190) NICKEL
- G. LOW INSERTION FORCE**

CAC34

CIRCUIT ASSEMBLY CORP.

EXAMPLE



- A. CONNECTOR FAMILY**
- B. NUMBER OF CONTACT POSITIONS**

NO. POS
24
36
60
62
86

- C. EDGE CARD SERIES 2, .610 HIGH**

- D. MOUNTING CONFIGURATION**
1 = .128 (3.25) DIA. HOLE
3 = NO MOUNTING EARS
4 = 4-40 THREADED INSERT

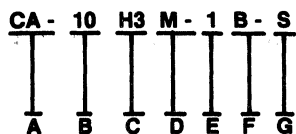
- E. TAIL TYPE**
SD = SOLDER DIP .165 (4.19)
EC = EDGE CARD .130 (3.30)
2W = 2 LEVEL WRAP TAIL .480 (12.92)
3W = 3 LEVEL WRAP TAIL .560 (14.22)

- F. FINISH OPTION**
NF = NO FINISH
NT = CONTACT AREA: NO FINISH
TAIL AREA: .000150 (.00381) 90/10
TIN/LEAD ALLOY
UNDERPLATE: TAIL ONLY, .000075 (.00190) NICKEL

CAC24

CIRCUIT ASSEMBLY CORP.

EXAMPLE



- A. CONNECTOR FAMILY**
- B. NUMBER OF PIN POSITIONS**

NO. OF POSITIONS
10
14
16
20
26
34
40
50
60

- C. HEADER 3 WALL**

- D. TAIL TYPE**
BLANK = .025 (0.64) SQUARE PIN (B PLATING)
M = .025 (0.64) ROUND PIN (F PLATING)
SOLDER TAILS ONLY (CONFORMS TO MIL-C-83503/21B)

- E. TAIL LENGTH**
1 = .100 (2.54) (SHORT SOLDER TAIL)
2 = .160 (4.06) (LONG SOLDER TAIL)
3W = .610 (15.49) (3 LEVEL WRAP TAIL)

- F. PLATING**
B = .000010 (.00025) GOLD OVER .000075 (.00190) NICKEL
F = CONTACT AREA: .000030 (.00076) GOLD
TAIL AREA: .000150 (.00381) 90/10
TIN/LEAD ALLOY
UNDERPLATE: .000075 (.00190) NICKEL

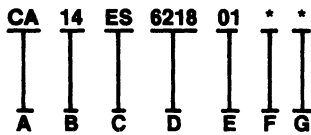
- G. LATCH/POLARIZING OPTION**
BLANK = NO LATCHES
S = SOCKET LATCH (USE WITH ISD2)
SR = STRAIN RELIEF LATCH (USE WITH IDS/IDS2 WITH STRAIN RELIEF)
457 = SOCKET LATCH (USE WITH IDS)
SPT = 10 POSITION ONLY

MANUFACTURERS' ORDERING KEYS

CAC39

CIRCUIT ASSEMBLY CORP.

EXAMPLE



- A. CONNECTOR FAMILY**
B. NUMBER OF PIN POSITIONS

12 20
 14 24
 16 24 (STD)
 18

- C. INSULATOR**
 BLANK = STANDARD (24 POSITION ONLY)
 ES = END STACKABLE

- D. SERIES IDENTIFICATION**
E. PIN CONFIGURATION
 01 = EDGE BOARD MOUNTING
 02 = FEED THROUGH MOUNTING

- F. PIN LENGTH**
 -02 ONLY *

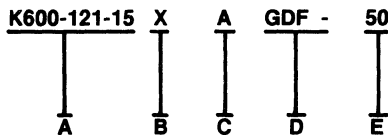
- G. POST EXTENSION**
 -02 ONLY *

* Consult Mfr. For Lengths

CCC04

CONTINENTAL CONNECTOR CORP.

EXAMPLE



- A. BASIC PART NUMBER**

Examples: 600-121-19
 600-121-26-1
 N600-121-40
 6121-200-86

- B. TERMINAL CODE**

("W", "X", "D", "D16", "D46",
 "DD", "DD16", "DD31", "DDD")

- C. MOUNTING CODE**

"A", "B" or "C"
 omit if not applicable

- D. MOLDING MATERIAL**

1) Omit for STD material
 2) Enter "GDF" for MIL-STD material

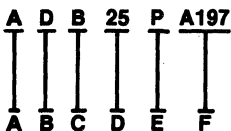
- E. CONTACT FINISH**

1) Omit for STD finish
 2) Enter "50" for MIL-STD finish

CAN03

CANNON ITT

EXAMPLE



- A. SOLDA D PREFIX**
B. D SUBMINATURE SERIES

- C. SHELL SIZE**
 (E, A, B, C)

- D. CONTACT ARRANGEMENT**
 (9, 15, 25, 37)

- E. CONTACT TYPE**
 (P-pin; S-socket)

- F. MODIFICATIONS**

No designator - Standard shell, yellow
 chromate over zinc

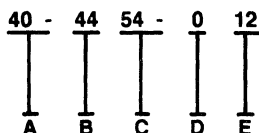
A197 - Tin plated shell

K87 - Tin plated shell with grounding
 dimples for EMI/RFI applications

EFB02

ELFAB INTERCONNECTION INNOVATORS

EXAMPLE



- A. SERIES**

Discrete Connector

- B. PRODUCT**

4 Row Box Pac (Female)

- C. END STYLE**

0 - Flush End Cap

1 - Flush End Cap with 4 Power Pins

2 - Flush End Cap with 8 Power Pins

3 - Key and Mount End Cap

4 - Key and Mount End Cap with 4 Power
 Pins

5 - Key and Mount End Cap with 8 Power
 Pins

- D. BOARD THICKNESS**

0 - .010

1 - .031

2 - .040

3 - .060 *Standard

4 - .093 *Standard

5 - .125

- E. STANDARD CONTRACT PLATING AVAILABLE**

0 - 115μ" Gold contact, 30μ" Gold Tail over 50-150μ"
 Nickel

- F. NUMBER OF SIGNAL PINS IN ONE ROW**

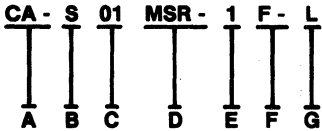
(10 through 80)

MANUFACTURERS' ORDERING KEYS

CAC29

CIRCUIT ASSEMBLY CORP.

EXAMPLE



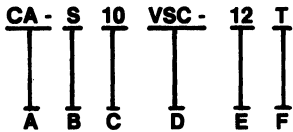
- A. CONNECTOR FAMILY
- B. SINGLE ROW STRIP
- C. NUMBER OF CONTACT POSITIONS
01 THRU 32
- D. SCREW MACHINE CONTACT SOCKET, RIGHT ANGLE

- E. SOLDER TAIL
- F. PLATING
F = CONTACT FINGERS: .000030 (.00076)
GOLD
SLEEVE: .000200 (.00508) TIN
UNDERPLATE: .000075 (.00190) NICKEL
- G. LOW INSERTION FORCE

CAC10

CIRCUIT ASSEMBLY CORP.

EXAMPLE



E. CONTACT STYLE

	TAIL LENGTH
12 = SOLDER TAIL	.120 (3.05)
13 = .025 SQ. TAIL	.130 (3.30)
25 = .025 SQ. TAIL	.250 (6.35)
30 = .025 SQ. TAIL	.300 (7.62)
40 = .025 SQ. TAIL	.405 (10.29)
63 = .025 SQ. TAIL	.625 (15.88)
78 = .025 SQ. TAIL	.780 (19.81)
83 = .025 SQ. TAIL	.830 (21.08)

- A. CONNECTOR FAMILY
- B. SINGLE ROW
- C. NUMBER OF CONTACT POSITIONS
01 THRU 25
- D. VERTICAL STACKING CONNECTOR

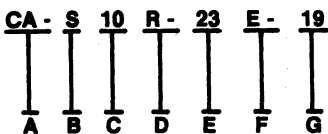
F. PLATING

- B = .000010 (.00025) GOLD OVER .000075 (.00190) NICKEL
- T = .000250 (.00635) TIN OVER .000075 (.00190) NICKEL (SOLDER TAIL ONLY)

CAC13

CIRCUIT ASSEMBLY CORP.

EXAMPLE



- A. CONNECTOR FAMILY
- B. SINGLE ROW
- C. NUMBER OF PIN POSITIONS
01 THRU 36
- D. RIGHT ANGLE
- E. POST EXTENSION
23 = .230 (5.84) STANDARD *
- F. PLATING

- B = .000010 (.00025) GOLD OVER .000075 (.00190) NICKEL
- C = CONTACT AREA: .000015 (.00038) GOLD
TAIL AREA: .000150 (.00381) 90/10
TIN/LEAD ALLOY
UNDERPLATE: .000075 (.00190) NICKEL

- E = .000030 (.00076) GOLD OVER .000075 (.00190) NICKEL
- F = CONTACT AREA: .000030 (.00076) GOLD
TAIL AREA: .000150 (.00381) 90/10
TIN/LEAD ALLOY
UNDERPLATE: .000075 (.00190) NICKEL
- T = .000150 (.00381) TIN OVER .000075 (.00190) NICKEL

G. TAIL LENGTH

- 09 = .090 (2.29)
- 19 = .190 (4.83)
- 29 = .290 (7.37)
- 39 = .390 (9.91)
- 49 = .490 (12.45)
- 59 = .590 (14.99)

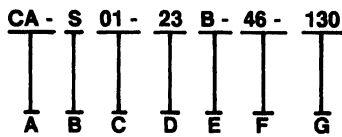
* Consult Mfr. For Additional Lengths

MANUFACTURERS' ORDERING KEYS

CAC20

CIRCUIT ASSEMBLY CORP.

EXAMPLE



- A. CONNECTOR FAMILY
- B. SINGLE ROW
- C. NUMBER OF PIN POSITIONS
01 THRU 60
- D. POST EXTENSION
23 = .230 (5.84) STANDARD *
- E. PLATING
B = .000010 (.00025) GOLD OVER .000075
(.00190) NICKEL

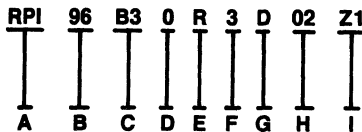
- E = .000030 (.00076) GOLD OVER .000075
(.00190) NICKEL
- T = .000150 (.00381) TIN OVER .000075
(.00190) NICKEL
- F. PIN LENGTH
46 = .460 (11.68) STANDARD *
- G. .130 HIGH INSULATION

* Consult Mfr. For Additional Lengths

BDY21

BURNDY

EXAMPLE



- A. REVERSE INDIRECT CONNECTOR
- B. 96 MAX. CONTACT POSITIONS
(3 x 32)
- C. 3 ROW HOUSING

D. CONTACT ARRANGEMENT

Rows Equipped With Contacts	
0	Rows A, B + C
1	Rows A & B
2	Rows A & C
3	Rows B & C
A	Row A only
B	Row B only
C	Row C only

E. RECEPTACLE CONNECTOR

F. BODY VARIATION

G. CONTACT TERMINATION

D .118
(3,0)

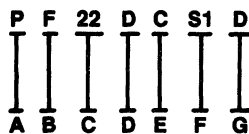
H. DESIGN VARIATION

I. CONTACT PLATING

BDY23

BURNDY

EXAMPLE



- A. TYPE
P = Printed Circuit

- B. PITCH
F = .125
- C. NUMBER OF POSITIONS
22
28
31
36
40
44
50
- D. READOUT
S = Single Sided
D = Dual Sided
- E. BODY STYLE
Flush Ears (F)
Center Ears (C)
No Ears (N)

F. TERMINATION

DESIG.	X SECTION	LENGTH
S1	.0115 x .025	.175
W1	.025 x .025	.175
W3	.025 x .025	.375
W5	.025 x .025	.560
W7	.025 x .025	.750

G. PLATING

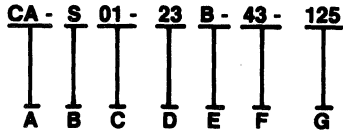
DESIG.	CONTACT AREA	TERMINATION AREA
D	30 MICROINCH GOLD OVER 100 MICROINCH NICKEL	TIN/LEAD ALLOY
H	GTH TIN ALLOY	TIN/LEAD ALLOY

MANUFACTURERS' ORDERING KEYS

CAC18

CIRCUIT ASSEMBLY CORP.

EXAMPLE



A. CONNECTOR FAMILY

B. SINGLE ROW

C. NUMBER OF PIN POSITIONS
01 THRU 36

D. POST EXTENSION

23 = .230 (5.84) STANDARD *

E. PLATING

B = .000010 (.00025) GOLD OVER .000075
(.00190) NICKEL

E = .000030 (.00076) GOLD OVER .000075
(.00190) NICKEL

T = .000150 (.00381) TIN OVER .000075
(.00190) NICKEL

F. PIN LENGTH

43 = .430 (10.92) STANDARD

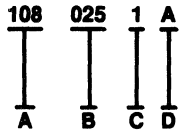
G. .125 CENTERLINES

* Consult Mfr. For Additional Lengths

BDY24

BURNDY

EXAMPLE



A. CONNECTOR SERIES

B. NO. OF DUAL CONTACT POSITIONS

6	15	24	33	42
7	16	25	34	43
8	17	26	35	44
9	18	27	36	45
10	19	28	37	46
11	20	29	38	47
12	21	30	39	48
13	22	31	40	49
14	23	32	41	50

EXAMPLE: 008 FOR 8 POSITION
CONNECTOR
025 FOR 25 POSITION
CONNECTOR

C. BODY STYLE VARIATION

-1 FLUSH MOUNT

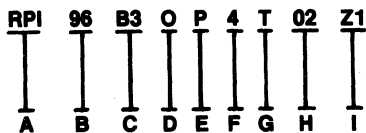
-2 FLUSH MOUNT
WITH MTG HOLES

D. PLATING VARIATION

BDY18

BURNDY

EXAMPLE



D. CONTACT ARRANGEMENT

0	Rows A, B + C
1	Rows A & B
2	Rows A & C
3	Rows B & C
A	Row A only
B	Row B only
C	Row C only

G. CONTACT TERMINATION LENGTH

T	.533 (13,5)
A	.116 (2,95)

H. DESIGN VARIATION

I. CONTACT PLATING

A. REVERSE INDIRECT CONNECTOR

B. MAX. CONTACTS IN HOUSING
(3 x 32)

C. 3 ROW HOUSING

E. PLUG CONNECTOR

F. BODY VARIATION

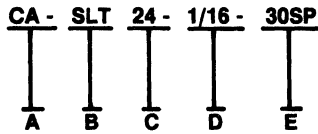
To order TRUE INVERTED DIN Connector,
insert the number 2 in place of 4 for Body
variation. Mounting dimensions will
differ from L.M.E. Series.

MANUFACTURERS' ORDERING KEYS

CAC36

CIRCUIT ASSEMBLY CORP.

EXAMPLE



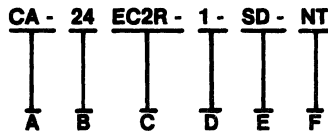
- A. CONNECTOR FAMILY
- B. SERIES IDENTIFICATION
- C. NUMBER OF CONTACT POSITIONS
- D. MATING PCB THICKNESS
1/16
1/32

- E. PLATING
BLANK = .000010 (.00025) GOLD OVER
.000075 (.00190) NICKEL
30SP = CONTACT AREA: .000030 (.00076) GOLD
TAIL AREA: .000003 (.00008) GOLD
FLASH MIN.
UNDERPLATE: .000075 (.00190) NICKEL

CAC35

CIRCUIT ASSEMBLY CORP.

EXAMPLE



- A. CONNECTOR FAMILY
- B. NUMBER OF CONTACT POSITIONS

NO. POS
24
36
60
62
86

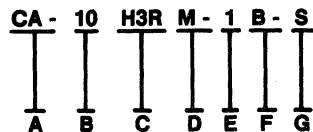
- C. EDGE CARD SERIES 2, RIGHT ANGLE

- D. MOUNTING CONFIGURATION
1 = .128 (3.25) DIA. HOLE
3 = NO MOUNTING EARS
4 = 4-40 THREADED INSERT
5 = .128 (3.25) DIA. HOLE FOR RIGHT ANGLE MOUNTING
- E. TAIL TYPE
SD = SOLDER DIP
- F. FINISH OPTION
NF = NO FINISH
NT = CONTACT AREA: NO FINISH
TAIL AREA: .000150 (.00381) 90/10 TIN/LEAD ALLOY
UNDERPLATE: TAIL ONLY, .000075 (.00190) NICKEL

CAC25

CIRCUIT ASSEMBLY CORP.

EXAMPLE



- A. CONNECTOR FAMILY
- B. NUMBER OF PIN POSITIONS

NO. OF POSITIONS
10
14
16
20
26
34
40
50
60

- C. HEADER 3 WALL RIGHT ANGLE

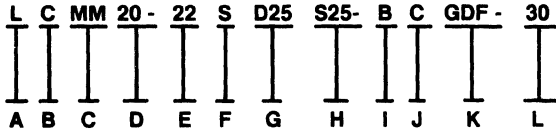
- D. TAIL TYPE
BLANK = .025 (0.64) SQUARE PIN (B PLATING)
M = .025 (0.64) ROUND PIN (F PLATING) SOLDER TAILS ONLY (CONFORMS TO MIL-C-83503/20B)
- E. PIN LENGTH
1 = .100 (2.54) (SHORT SOLDER TAIL)
2 = .160 (4.06) (LONG SOLDER TAIL)
3W = .610 (15.49) (3 LEVEL WRAP TAIL)
- F. PLATING
B = .000010 (.00025) GOLD OVER .000075 (.00190) NICKEL
F = CONTACT AREA: .000030 (.00076) GOLD
TAIL AREA: .000150 (.00381) 90/10 TIN/LEAD ALLOY
UNDERPLATE: .000075 (.00190) NICKEL
- G. LATCH/POLARIZING OPTION
BLANK = NO LATCHES
S = SOCKET LATCH (USE WITH ISD2)
SR = STRAIN RELIEF LATCH (USE WITH IDS/IDS2 WITH STRAIN RELIEF)
457 = SOCKET LATCH (USE WITH IDS)
SPT = 10 POSITION ONLY

MANUFACTURERS' ORDERING KEYS

CCC02

CONTINENTAL CONNECTOR CORP.

EXAMPLE



A. MODIFIER

L — OPTIONAL 3-48 THREAD AVAILABLE
ON SCREWLOCKS, FIGURES 8, 10, 12, 13, 14, & 16
OMIT MODIFIER FOR STANDARD SCREWLOCK
THREAD (2-58).

B. CLOSED ENTRY SOCKET CONTACTS

OPEN ENTRY CONSTRUCTION (STANDARD) WILL BE
SUPPLIED UNLESS OTHERWISE SPECIFIED
C — CLOSED ENTRY

C. SERIES DESIGNATION

MM — MICRO-MINIATURE

D. NUMBER OF CONTACTS

ENTER NUMBER OF CONTACTS, 4 THRU 104

E. CONTACT SIZE

22 — NUMBER 22 CONTACT, .030" (.76MM) DIAMETER

F. PIN OR SOCKET CONTACTS

P — PIN CONTACTS
S — SOCKET CONTACTS

G. TYPE OF TERMINAL

SOLDER CUP TERMINATIONS WILL BE SUPPLIED UNLESS OTHERWISE
SPECIFIED

FLOW (DIP) SOLDER, .022" (.56MM) DIAMETER

D09 — .094" (2.39MM) LONG
D15 — .145" (3.68MM) LONG
D25 — .250" (6.35MM) LONG
D39 — .390" (9.91MM) LONG

FLOW (DIP) SOLDER, .030" (.76MM) DIAMETER

DD09 — .094" (2.39MM) LONG
DD13 — .125" (3.18MM) LONG
DD15 — .156" (3.96MM) LONG
DD19 — .188" (4.78MM) LONG
OTHER LENGTHS ARE AVAILABLE

RIGHT ANGLE, FLOW (DIP) SOLDER (SEE PAGES 12, 13, 14, 15)

D9103 — .093" (2.36MM) LONG, .10" (2.5MM) BETWEEN ROWS
D9104 — .125" (3.18MM) LONG, .10" (2.5MM) BETWEEN ROWS
D9105 — .156" (3.96MM) LONG, .10" (2.5MM) BETWEEN ROWS
D9153 — .093" (2.36MM) LONG, .15" (3.8MM) BETWEEN ROWS
D9154 — .125" (3.18MM) LONG, .15" (3.8MM) BETWEEN ROWS
D9155 — .156" (3.96MM) LONG, .15" (3.8MM) BETWEEN ROWS

WIRE — WRAPPING

W 27 — .250" (6.35MM) LONG
W40 — .380" (9.65MM) LONG
W55 — .540" (13.72MM) LONG

H. HARDWARE

(GUIDES / SCREWLOCKS / CABLE HOODS)

POLARIZING GUIDES

STANDARD GUIDES WILL BE SUPPLIED
UNLESS OTHERWISE SPECIFIED

SS — CRES
25 — 25" (6.4MM) STUD, BRASS
SS25 — 25" (6.4MM) STUD, CRES
G — SOCKET GUIDE FOR ELECTRICAL CONDUCTIVITY

POLARIZING GUIDES WITH CABLE HOODS

H — TOP CABLE OPENING, STANDARD GUIDES
H-1 — SIDE CABLE OPENING, STANDARD GUIDES

FIXED SCREWLOCKS

S — STANDARD, .15" (3.8MM) STUD
S25 — 25" (6.4MM) STUD
S32 — 32" (8.1MM) STUD

SHORT TURNABLE SCREWLOCKS

SK — LONG KNOB, C.R.S.
SK9 — LONG KNOB, CRES
SK11 — LONG KNOB
SK 18 — SHORT KNOB
SK 19 — SHORT KNOB
SK24 — SHORT KNOB
SL — WITHOUT KNOB

LONG TURNABLE SCREWLOCKS WITH CABLE HOODS

SKH — TOP CABLE OPENING, C.R.S. KNOB
SKH9 — TOP CABLE OPENING, CRES KNOB
SKH-1 — SIDE CABLE OPENING, C.R.S. KNOB
SKH-1 — SIDE CABLE OPENING, CRES KNOB

POLARIZING GUIDES WITH CABLE HOODS

H — TOP CABLE OPENING
H-1 — SIDE CABLE OPENING

FIXED SCREWLOCKS

S —
SK —

I. CABLE BRACKETS/MOUNTING BRACKETS

(CONNECTOR SIZES 4 THRU 50 ONLY)

B — .50" (12.7MM) HIGH
B88 — .88" (22.4MM) HIGH
MB — RIGHT ANGLE MOUNTING BRACKET

J. PROTECTIVE SHELLS

C — PLUG SHELL, UNPOLARIZATION
C() — PLUG SHELL, POLARIZED
ADD POLARIZATION LETTER A, B, C, D, F OR G.
EXAMPLE: CB (POLARIZED AT B)
P — RECEPTACLE SHELL, UNPOLARIZED
P() — RECEPTACLE SHELL, POLARIZED
ADD POLARIZATION LETTER A, B, C, D, E, FOR G
EXAMPLE: PB (POLARIZED AT B)

K. DIELECTRIC MATERIALS

DIALLYL PHTHALATE TYPE GDI-30 WILL BE
SUPPLIED UNLESS OTHERWISE SPECIFIED
GDF — DIALLYL PHTHALATE TYPE GDI-30F OF MIL-M-14
GP — GLASS PHENOLIC TYPE MFH OF MIL-M-14

L. CONTACT FINISHES

GOLD FLASH FINISH, APPROX.
.000015" (.4 MICRON) WILL BE SUPPLIED
UNLESS OTHERWISE SPECIFIED

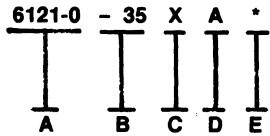
30 — .000030" (.8 MICRON) GOLD
50 — .000050" (1.3 MICRONS) GOLD
100 — .000100" (2.5 MICRONS) GOLD

MANUFACTURERS' ORDERING KEYS

CCC05

CONTINENTAL CONNECTOR CORP.

EXAMPLE



- A. CONNECTOR SERIES**
B. NUMBER OF CONTACTS
 10, 15, 17, 19, 26,
 30, 35, 43, 50

C. TERMINAL OPTIONS

X — SOLDER LUG
 DD13, DD16, DD21, DD46 —
 FLOW SOLDER

D. MOUNTING OPTIONS

A — THRU HOLE
 B — THREADED INSERT
 (4-40)
 M3 — METRIC THREADED
 INSERT (M3 x .5)
 C — FLOATING BUSHING
 — WITHOUT MOUNTING
 PADS MAKE NO ENTRY
 IN PART NUMBER
 DESIGNATION

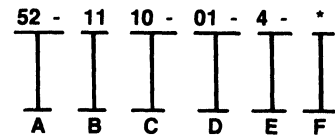
E. *RESERVED

Optional Molding Materials and Contact
 Finishes. Consult Manufacturer.

WCH29

WINCHESTER ELECTRONICS

EXAMPLE



- A. SERIES CODE**
 Series 52
B. MOLDING TYPE
 11 = Three-Sided
C. NO. OF CONTACTS
 10, 16, 20, 26, 34,
 40, 50, 60

D. CONTACT TYPE/STYLE

Type of Pin	Type of Contact	Tail Shape	P.C. Board Hole
STRAIGHT	DIP SOLDER	-01	.025 SQ. (0.64) .045 (1.14)
		-81	.028 DIA. (0.71) .035 (0.89)
		-02	.025 SQ. (0.64) .045 (1.14)
		-82	.028 DIA. (0.71) .035 (0.89)
TAILS	WRAP POST TAILS	-40	.025 SQ. (0.64) .045 (1.14)
		-11	.025 SQ. (0.64) .045 (1.14)
RIGHT	DIP SOLDER	-91	.028 DIA. (0.71) .035 (0.89)
ANGLE	TAILS	-12	.025 SQ. (0.64) .045 (1.14)
TAILS	WRAP POST TAILS	-92	.028 DIA. (0.71) .035 (0.89)
		-50	.025 SQ. (0.64) .045 (1.14)

E. LATCH OPTIONS

Omit Step If Latch Is Not Required
 4 = For use with 51 Series socket connector
 with or without strain relief.
 5 = For use with 61 or 81 Series socket
 connector without strain relief.
 6 = For use with 61 or 81 Series socket
 connector with strain relief.
 7 = With "Ejector" Only.

F. CONTACT PLATING

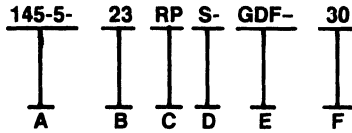
Consult Sales Dept. For Options

MANUFACTURERS' ORDERING KEYS

CCC01

CONTINENTAL CONNECTOR CORP.

EXAMPLE



A. SERIES DESIGNATION

B. NUMBER OF CONTACTS (7,9,11,15,19,23 or 37)

C. PLUG OR RECEPTACLE AND TYPE OF TERMINATION

RECEPTACLE (socket contacts)

- S — SOLDER CUP TERMINATIONS
- S1 — PRINTED CIRCUIT TERMINATIONS
- S2 — WIRE TERMINATIONS

PLUG, RIGHT ANGLE TERMINATIONS

- RP — .150"(3.81) LONG TERMINAL, .25"(6.4) LONG STUD
- RP1 — .085"(2.16) LONG TERMINAL, .21"(5.3) LONG STUD
- RP2 — .190"(4.83) LONG TERMINAL, .30"(7.9) LONG STUD
- RP3 — .220"(5.59) LONG TERMINAL, .30"(7.9) LONG STUD
- RP4 — .150"(3.81) LONG TERMINAL, .21"(5.3) LONG STUD
- RP5 — .150"(3.81) LONG TERMINAL, .18"(4.6) LONG STUD
- RPE — .085"(2.16) LONG TERMINAL WITH MOUNTING RIVET FOR 1/16"(1.6)PCB

PLUG, STRAIGHT THRU TERMINATIONS

- P — .15"(3.8) LONG TERMINAL
- P1 — .20"(5.1) LONG TERMINAL

D. POLARIZING/LOCKING HARDWARE

Guides are supplied unless otherwise specified

- S — FIXED SCREWLOCKS
- SK — SHORT TURNABLE SCREWLOCKS

E. MOLDING MATERIALS

Glass phenolic is supplied unless otherwise specified

- GDF — DIALLYL PHTHALATE TYPE GDI-30F
(MIL-C-55302 approved)

F. CONTACT FINISHES

Gold flash, approx. .000015" (.4 micron) thick, will be supplied unless otherwise specified

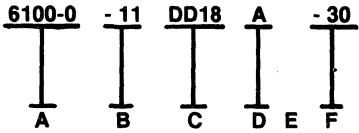
- 30 — .000030" (.8 micron) THICK GOLD PLATE — CLASS 0
- 50 — .000050" (1.3 microns) THICK GOLD PLATE — CLASS 1
- 100 — .000100" (2.5 microns) THICK GOLD PLATE — CLASS 2 (MIL-C-55302 approved)

MANUFACTURERS' ORDERING KEYS

CCC13

CONTINENTAL CONNECTOR CORP.

EXAMPLE



A. SERIES DESIGNATION

B. NUMBER OF CONTACTS

C. TERMINAL OPTIONS

DD14
 DD18 FLOW SOLDER TO FIT
 DD28 .037" (.94MM) DIA. HOLE
 DD42

X — SOLDER LUG
 W — WIRE WRAPPING

D. MOUNTING STYLES

CONNECTOR WITHOUT MOUNTING PADS WILL BE SUPPLIED UNLESS OTHERWISE SPECIFIED. (SEE FIG. 1)

CONNECTORS WITH MOUNTING PADS (SEE FIG. 2)

A — .130" (3.30MM) DIA. THRU HOLE
 B — THREADED HOLE

E. RESERVED FOR ALTERNATE DIELECTRIC MATERIALS

COMMERCIAL FINISH, APPROX.
 .000015" (4 MICRON)

GOLD WILL BE SUPPLIED UNLESS OTHERWISE SPECIFIED.

30 — .000030" (.8 MICRON) GOLD
 50 — .000050" (1.3 MICRON) GOLD
 100 — .000100" (2.5 MICRON) GOLD

F. CONTACT FINISHES

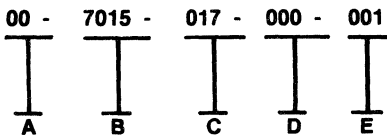
UNLESS OTHERWISE SPECIFIED, GLASS PHENOLIC WILL BE SUPPLIED FOR

CONNECTOR SIZES 11, 17, 18;
 THERMOPLASTIC POLYESTER
 WILL BE SUPPLIED FOR SIZE
 12 ONLY

ELO05

ELCO CORPORATION

EXAMPLE



A. PREFIX

00 — Complete Connection Assembly

B. SERIES

Mfr. Identification Code

C. NUMBER OF CONTACTS

017, 023, 029, 035, 041, 047, 059

D. CONTACT CODE

216—60 8017 04 13	
.078 Taper Tab	
217—60 8017 05 13	
Wire Hole	
218—60 8017 06 13	
Solderless Wrap Tail — .025" x .050" x .567"	
750—60 8017 06 23	
Solderless Wrap Tail — .025" x .050" x .760"	
296—60 8017 06 33	
Solderless Wrap Tail — .025" x .025" x .580"	
504—60 8017 06 63	
Solderless Wrap Tail — .025" x .025" x .170"	
*000—60 8017 03 13	
Wire Crimp Tail (Contacts Loose) Accepts #18 - #26 AWG wire	
*000—60 8017 03 23	
Wire Crimp Tail (Contacts on a Reel)	

E. VARIATION CODE

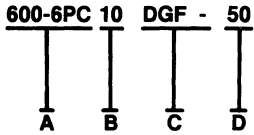
001— $\frac{1}{16}$ " Thick card with card guides.
 002— $\frac{1}{16}$ " Thick card without card guides
 003— $\frac{1}{32}$ " Thick card with card guides.
 004— $\frac{1}{32}$ " Thick card without card guides.

MANUFACTURERS' ORDERING KEYS

CCC03

CONTINENTAL CONNECTOR CORP.

EXAMPLE

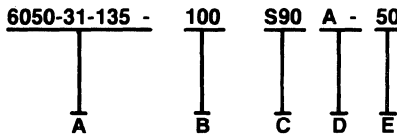


- A. CONNECTOR SERIES
- B. NUMBER OF DUAL CONTACTS
(10,14 etc.)
- C. MOLDING MATERIAL
1) Omit for STD material
2) Enter "DGF" for MIL-STD material
- D. CONTACT FINISH
1) Omit for STD finish
2) Enter "50" for MIL-STD finish

CCC12

CONTINENTAL CONNECTOR CORP.

EXAMPLE

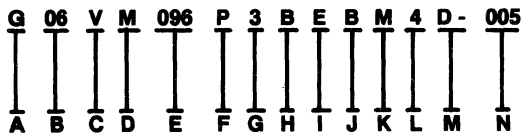


- A. SERIES DESIGNATION
- B. NUMBER OF CONTACTS
Example:
100 - Size 50/50
- C. ALTERNATE TERMINALS
S90 For soldering to top surface
of printed circuit board
- D. A
Signifies .125 (3.18) dia. mounting holes
- E. CONTACT FINISH
30 - .000030" (.8 micron) Gold
50 - .000050" (1.3 micron) Gold
100 - .000100" (2.5 micron) Gold

CAN02

CANNON ITT

EXAMPLE



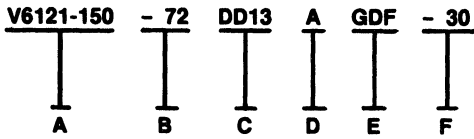
- A. CONNECTOR SERIES
G - ITT Cannon designation
 - B. CONNECTOR TYPE
60 - PC connector (reversed G06)
 - C. FIRST-TO-MAKE/LAST-TO-BREAK CONTACTS
V* - First-to-make/last-to-break contacts ¹⁾
three rows: a1 and c32, two rows: a1
and b32 (standard, other upon request).
 - D. CONTACT ARRANGEMENT
D - double read-out
M - three rows
 - E. NUMBER OF CONTACTS
096 - 064
 - F. INSULATOR MATERIAL
P - Polyester GF
 - G. CONNECTOR TYPE
3 - female connector
4 - male connector
5 - male connector, with additional coding
6 - female connector, with additional coding
 - H. CONTACT SPACING
B - 2,54 mm (.100")
 - I. TERMINATION
B - solder pin, straight, 4,5 mm long,
standard ²⁾
D - Wire Wrap post ²⁾
E - Solder pin, 90° ²⁾
 - J. MOUNTING METHOD
B - two through holes
 - K. COLOUR
M - not pigmented
 - L. VERSION
1 - 0,3 mm offset (DIN 41612) ²⁾
2 - 0,73 mm offset ²⁾
3 - 4,65 mm offset (DIN 41612) ²⁾
4 - 5,08 mm offset ²⁾ Male offset: centre
mounting hole-centre connector Female
offset: centre PC board-centre connector
 - M. CONTACT TYPE
D - double sided (two contact points) ²⁾
 - N. MODIFICATION
082 - solder pin, 3 mm long ²⁾
004 - contacts in rows a and c
005 - 32 contacts, in row a only, in 64
contact insulator
019 - 32 contacts, row a and c, cavities with
even numbers only, in 96 contact
insulator
081 - 64 contacts, row a and b in 96 contact
insulator
090 - gold flash on contact tail
- * Indicate V only, if first-to-make/last-to-break
contact is required
- 1) male only:
0,5 mm +0,3 mm tolerance (standard),
1,0 mm +0,4 mm tolerance (modification-103).
- 2) female only
3) male only

MANUFACTURERS' ORDERING KEYS

CCC07

CONTINENTAL CONNECTOR CORP.

EXAMPLE



A. CONNECTOR SERIES

B. NUMBER OF CONTACTS

EXAMPLE

72-Connector with 36 36 Contacts

C. CONTACT TERMINATIONS

DD13 - 13(3.3) Length Flow Solder

DD20 - 20(5.1) Length Flow Solder

DD38 - 38(9.7) Length Flow Solder

X - Solder Lug

DD9-90 156 (3.96) Centers Flow Solder

DD9K1-90 200 (5.08) Centers Flow Solder

D. MOUNTING STYLES

A - Thru Hole

B - Threaded Insert

C - Floating Bushing

A9 - 90 Thru Hole

M3 - Metric Threaded Insert Without Mounting Ears

Connector without mounting ears will be supplied unless otherwise specified

E. DIELECTRIC MATERIALS

Glass Phenolic (Note 1A) will be supplied unless otherwise specified

GDF - Diallyl Phthalate type GDI-30F per Mil-M-14

F. CONTACT FINISHES

30 - 000030" (8 micron) Gold

50 - 000050" (1.3 micron) Gold

100 - 000100" (2.5 micron) Gold

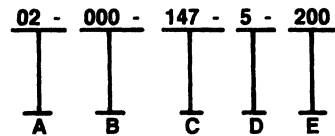
Commercial finish. Approx 000015" (.4 micron)

Gold will be supplied unless otherwise specified

ELO07

ELCO CORPORATION

EXAMPLE



A. SERIES

02

B. NUMBER OF CONTACTS

1 (001) to 63 (063)

C. CONTACT CODE

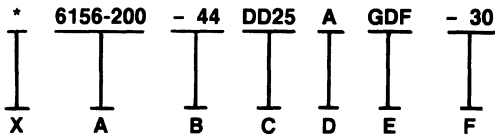
CONTACT	CONTACT CODE NO	CONTACT PART NO.	SILHOUETTE
1/16" thick card			
Lower Tier	147	60 7001 15 13	
Lower Tier with Wire Hole	135	60 7001 04 13	
Upper Tier with Wire Hole	137	60 7001 05 13	
Lower Tier with Wire Hole	144	60 7001 11 13	
3/32" thick card			
Lower Tier with Wire Hole	136	60 7001 04 23	
Upper Tier with Wire Hole	138	60 7001 05 23	
Lower Tier	148	60 7001 15 23	

MANUFACTURERS' ORDERING KEYS

CCC08

CONTINENTAL CONNECTOR CORP.

EXAMPLE



X. MODIFIER

- T - Connector Size 30/30 Only With .300 (7.62) Card Depth (Dim G)
- H - Connector Size 36/36 Only With .44 (11.2) Body Width (Dim F)
- F - Connector Size 43/43 Only With .268 (6.81) Card Depth (Dim G)

* Modifier is used to differentiate connectors with the same number of contacts. Omit modifier if not req'd.

A. CONNECTOR SERIES

B. NUMBER OF CONTACTS

6/6 - 50/50

EXAMPLE:

44-Connector with 22/22 contacts

C. TERMINAL OPTIONS

DD14 - 14(3.6) length (Dim.L)

DD18 - 18(4.6) Length (Dim.L)

DD25 - .25(6.4) Length (Dim.L)

DD31 - .31(7.9) length (Dim.L)

DD38 - .38(9.7) Length (Dim.L)

DD9 - 90° Flow Solder to fit .038 (.97) dia. hole

X - Solder Lug

D. MOUNTING STYLES

- A - Thru hole
- B - Threaded insert
- M - Metric threaded insert
- C - Floating bushing
- A 9 - 90° thru hole

Connector without mounting "ears" will be supplied unless otherwise specified.

E. DIELECTRIC MATERIALS

Glass phenolic will be supplied unless otherwise specified

GDF - Diallyl phthalate per Mil-C-21097

F. CONTACT FINISHES

30 - .000030" (.8 Micron) Gold

50 - .000050" (1.3 Micron) Gold

100 - .000100" (2.5 Micron) Gold

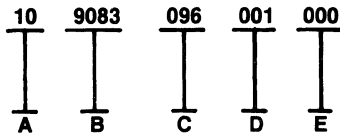
Commercial finish, approx. .000015

(.4 Micron) Gold, will be supplied unless otherwise specified

ELO22

ELCO CORPORATION

EXAMPLE



A. CONNECTOR TYPE

10 - Header

B. SERIES

Mfr. Identification Code

C. NUMBER OF POSITIONS

96-423

D. CONTACT DESIGNATION CODE

CODE NO.	DESCRIPTION	TERMINAL LENGTH "Y"
001	025 sq. terminal press fit	.733
002	025 sq. terminal press fit	.250
003	025 sq. terminal press fit	.533

E. VARIATION CODE

PLATING DESCRIPTION **		
Mating Area	30 Gold	30 Gold
Terminal Area	75/175 Tin/Lead	Gold Flash

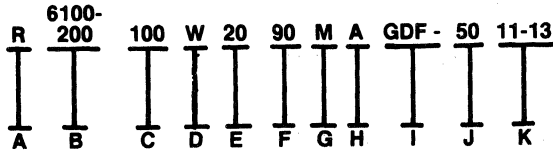
VARIATION CODE NUMBERS		INSULATOR STYLE
000	001	No guide
010	011	Single guide
020	021	Double guide

MANUFACTURERS' ORDERING KEYS

CCC16

CONTINENTAL CONNECTORS CORP.

EXAMPLE



A. MODIFIER

- R— SPECIAL CONNECTOR LENGTHS
SIZES 22/22, 36/36, 43/43, 50/50 ONLY
 - W— INTERCHANGED ODD-EVEN ROWS
 - AN— ALPHA-NUMERIC
 - CN— CONSECUTIVE
- OMIT MODIFIER IF NOT REQUIRED

B. SERIES DESIGNATION

- 6100-200
- 6100-300 (122 CONTACT SIZE FOR 1/8" EDGE CARD)

C. NUMBER OF CONTACTS

D. TERMINAL GEOMETRY

- W— SIGNIFIES .025" (.64MM) SQUARE TERMINALS
FOR WIRE-WRAPPING
(ALSO SUITABLE FOR FLOW SOLDERING)
- D— SIGNIFIES .026" (.66MM) DIA. ROUND TERMINAL
PREFERRED FOR FLOW SOLDERING

E. TERMINAL LENGTH

- 11 — .11" (2.8 MM) LENGTH
 - 16 — .16" (4.1 MM) LENGTH
 - 20 — .20" (5.1 MM) LENGTH
 - 30 — .35" (7.6 MM) LENGTH
 - 45 — .45" (11.4 MM) LENGTH
- .60" (15.2 MM) LENGTH WILL BE SUPPLIED FOR SQUARE TERMINALS
UNLESS OTHERWISE SPECIFIED. OMIT DESIGNATION FOR
RIGHT ANGLE TERMINALS.

F. RIGHT ANGLE TERMINALS

90

G. ALTERNATE CONNECTOR PROFILES

- M— FLUSH MOUNTING
 - P55— WITHOUT STANDOFFS
 - FF— FLAT MOUNTING
- STANDARD PROFILE WILL BE SUPPLIED
UNLESS OTHERWISE SPECIFIED

H. MOUNTING STYLES

- A— THRU HOLE
 - B— THREADED INSERT
 - M3— METRIC THREADED INSERT
 - C— FLOATING BUSHING
 - A90— 90° THRU HOLE
- CONNECTOR WITHOUT MOUNTING "EARS"
WILL BE SUPPLIED UNLESS OTHERWISE SPECIFIED

I. DIELECTRIC MATERIALS

GLASS PHENOLIC (NOTE 1 A) WILL BE SUPPLIED
UNLESS OTHERWISE SPECIFIED

GDF—DIALYL PHTHALATE PER MIL-C-21097

J. CONTACT FINISH

- 30 — .000030" (.8 MICRON) GOLD
- 50 — .000050" (1.3 MICRONS) GOLD
- 100 — .000100" (2.5 MICRONS) GOLD

COMMERCIAL FINISH, GOLD FLASH,
APPROX. .000015" (.4 MICRON), WILL
BE SUPPLIED UNLESS OTHERWISE
SPECIFIED

K. FACTORY INSTALLED POL. KEY

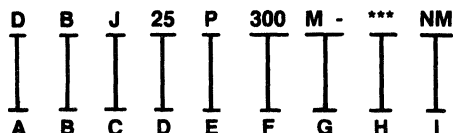
NYLON KEY 602-39 (BETWEEN CONTACT)
ADD CONSECUTIVE NUMERALS
EX: 11-13 (KEY INSTALLED
BETWEEN POSITIONS 11-13)

METAL KEY 602-55 OR 602-56, AS
APPLICABLE (CONTACT POSITION):
ENTER CONTACT POSITION
EX: 58 (KEY INSTALLED IN
POSITION 58)

SOU05

SOURIAU, INC.

EXAMPLE



A. BASIC SERIES

D

B. SHELL SIZE

E = 9 cts, A = 15 cts, B = 25 cts
C = 37 cts, D = 50 cts

C. BASIC SERIES

J

D. NUMBER OF CONTACTS

09-15-25-37-50

E. CONTACT TYPE

P: pin
S: socket

F. TERMINATION

— without indication: solder bucket
— 300: straight spill, \varnothing 0.63 mm

G. FILTER TYPE

- capacitive filters: B
- π filters: M-T-H

H. SPECIAL MODIFIERS

- partially loaded filter connector (with
grounded or non filtered contact)
- connector with different types of filters
(in this case the preceding letter
does not appear)
- non standard filters

I. NON-MAGNETIC VERSION

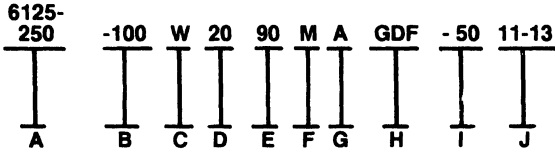
- NM: gold plated shell
- NMA: tin plated shell

MANUFACTURERS' ORDERING KEYS

CCC10

CONTINENTAL CONNECTOR CORP.

EXAMPLE



A. SERIES DESIGNATION

6125-250
6125-2
M6125-250
6125-125

B. NUMBER OF CONTACTS

C. TERMINAL GEOMETRY

W - Signifies .025" (.64MM) square terminals for wire-wrapping (also suitable for flow soldering)
D - Signifies .026" (.66MM) dia. round terminals preferred for flow soldering

D. TERMINAL LENGTH

SERIES 6125-250 & 6125-2

11 - .11" (2.8MM) Length
16 - .16" (4.1MM) Length
20 - .20" (5.1MM) Length
30 - .35" (7.6MM) Length
45 - .45" (11.4MM) Length

SERIES M6125-250

15 - .15" (3.8MM) Length
20 - .20" (5.1MM) Length
25 - .25" (6.4MM) Length
35 - .35" (8.9MM) Length
50 - .50" (12.7MM) Length
75 - .75" (19.1MM) Length
100 - 1.00" (25.4MM) Length

Standard length will be supplied for square terminals unless otherwise specified.

.60" (15.2MM) Length for Series 6125-250 & 6125-2

.65" (16.5MM) Length for Series M6125-250

.70" (17.8MM) Length for Series 6125-125

(Omit designation for right angle terminals)

Not applicable to

Series M6125-250 & 6125-125

E. RIGHT ANGLE TERMINALS

90

F. ALTERNATE CONNECTOR PROFILES

M - Flush mounting
P55 - Without standoffs
FF - Flat mounting
Standard profile will be supplied unless otherwise specified

G. MOUNTING STYLES

A - Thru hole (slotted on Series 6125-125 only)
B - Threaded insert
M3 - Metric threaded insert
C - Floating bushing
A90 - 90° thru hole
A1 - Thru hole (series 6125-125 only)
Connector without mounting "ears" will be supplied unless otherwise specified

H. DIELECTRIC MATERIALS

GDF - per Mil-C-21097
Glass phenolic (Note 1A) will be supplied unless otherwise specified

I. CONTACT FINISH

30 - .000030" (.8 micron) gold
50 - .000050" (1.3 microns) gold
100 - .000100" (2.5 microns) gold
Commercial finish, gold flash, approx. .000015" (.4 micron), will be supplied unless otherwise specified.

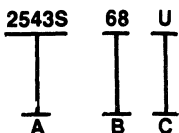
J. FACTORY INSTALLED POL. KEY

Nylon key 602-39 or 602-41
(Between contact);
Add consecutive numerals
Ex: 11-13 (key installed between positions 11-13)

LEOC05

LEOCO CORPORATION

EXAMPLE



A. SERIES NUMBER

Mfr. Identification Code

B. NUMBER OF CONTACTS

4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24,
26, 28, 30, 32, 34, 36, 38, 40, 42, 44,
46, 48, 50, 52, 54, 56, 58, 60, 62, 64,
66, 68

C. PLATING

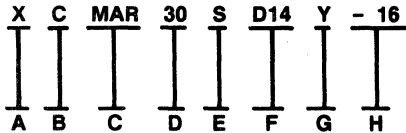
T - Tin-plated
U - .000005" Gold
X - .000010" Gold
Y - .000020" Gold
Z - .000030" Gold

MANUFACTURERS' ORDERING KEYS

CCC09

CONTINENTAL CONNECTOR CORP.

EXAMPLE



A. OPTIONAL BERYLLIUM COPPER CONTACTS

X

B. OPTIONAL SOCKET CONTACT

C — CLOSED ENTRY CONSTRUCTION
Omit designation for standard socket contacts (open entry construction)

C. SERIES DESIGNATION

- M — Plug or receptacle per Mil-C-55302/55 or /56
- MA — Plug or receptacle, identical to series M, except with holes for mounting screws
- MR — Plug or receptacle per Mil-C-55302/62, /63 or /64
- MAR — Plug, identical to series MR plug except with holes for mounting screws
- MAR — Receptacle per Mil-C-55302/58, /59 & /139
- MARP — Plug per Mil-C-55302/57, /59, /61 & /138
- MRP — Plug, identical to series MARP, except without holes for mounting screws
- MARR — Receptacle with terminals at 90°
- ML — Plug or receptacle, single row
- MB — Plug or receptacle, quarter circular

D. CONNECTOR SIZE

ENTER NO. OF CONTACTS

E. PIN OR SOCKET CONTACTS

P — PIN CONTACTS
S — SOCKET CONTACTS

F. AVAILABLE TERMINALS

SERIES M, MA, MR & MAR
C — SOLDER CUP FOR #22 AWG MAX.
D14 — DIP SOLDER, .140(3.56) LONG
D17 — DIP SOLDER, .172(4.37) LONG
D23 — DIP SOLDER, .234(5.94) LONG
FD — FLEXIBLE CIRCUIT, .058(1.47) LONG
FD10 — FLEXIBLE CIRCUIT, .100(2.54) LONG
W — WIRE WRAPPING

SERIES ML

C — SOLDER CUP FOR #22 AWG MAX.
D14 — DIP SOLDER, .140(3.56) LONG
D17 — DIP SOLDER, .172(4.37) LONG
D23 — DIP SOLDER, .234(5.94) LONG

SERIES MARR, MRP & MARR

D911 — DIP SOLDER, 90°, .109(2.77) LONG
D914 — DIP SOLDER, 90°, .140(3.56) LONG
D917 — DIP SOLDER, 90°, .172(4.37) LONG
D920 — DIP SOLDER, 90°, .200(5.08) LONG
C9 — SOLDER CUP, 90°, FOR #22 AWG MAX.

SERIES MB

D05 — FLEXIBLE CIRCUIT, .050(1.27) LONG
D09 — FLEXIBLE CIRCUIT, .093(2.36) LONG

G. AVAILABLE HARDWARE

X — REGULAR FULL ROUND GUIDES
X25 — REGULAR FULL ROUND GUIDES WITH .247 (6.27) STUD
Y — POLARIZING "D" SHAPED GUIDES
Y25 — POLARIZING "D" SHAPED GUIDES WITH .247 (6.27) STUD
S — FIXED SCREWLOCKS
S25 — FIXED SCREWLOCKS WITH .247 (6.27) STUD
KS — SHORT TURNING SLOTTED SCREWLOCKS
K6 — SHORT TURNING HEX SCREWLOCKS
KM — MEDIUM LENGTH TURNING SLOTTED SCREWLOCKS
KL — LONG LENGTH TURNING SLOTTED SCREWLOCKS

H. POLARIZING CONFIGURATION

(applicable only to connectors with polarizing guides, types Y & Y25.)
ADD NUMBER DESIGNATING POLARIZATION CONFIGURATION.
(refer to chart on page 21)

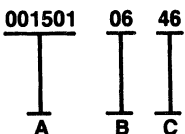
EXAMPLE:

16 — Polarized as shown on configuration-16.
All connectors are supplied in the -1 configuration unless otherwise specified.

MAS01

MASTERITE INDUSTRIES INC.

EXAMPLE



A. TYPE OF CONNECTOR

- 001501 - Double Row w/crossover
- 001500 - Double Row, no crossover
- 001503 - Single Row

B. SIZE

- 01 = 1-15 w/ Crossover
- 00 = 1-15 No Crossover
- 03 = 1-3 Single Row

C. TOTAL NUMBER OF CONTACTS

for example, if double row of 23 lead centers, specify 23 x 2, or 46.

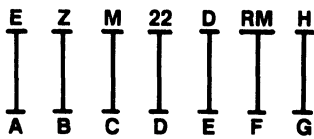
* For more than 100 contacts, connectors can be joined in multiples — consult factory.

MANUFACTURERS' ORDERING KEYS

COMC01

COMPAR CONNECTORS

EXAMPLE



A. PRODUCT FAMILY

E = Polyester Wire Wrap

B. CONTACT PLATING

N = 30 μ " (.76 μ m) Selective Gold
 S = 10 μ " (.25 μ m) Gold Plate (All Over)
 T = 100 μ " (2.5 μ m) Bright Tin Lead
 Z = 10 μ " (.25 μ m) Selective Gold

C. SPACING

M = .156" (3.96)
 A = .125 (3.175)
 C = .100 (2.54)

D. NUMBER OF CONTACT POSITIONS

2 to 86
 2 to 100
 2 to 140

E. READOUT

D = Dual Fully Loaded
 H = Half Row (No Back-Ups)

F. TERMINATION TYPE

RM = Wire Wrap
 RS = Short Wire Wrap
 TA = Short Right Angle
 TM = Long Right Angle
 TK = Round Flow Solder

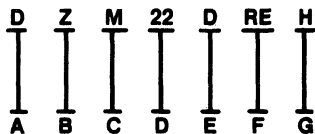
G. MOUNTING STYLE

H = Clearance Hole
 I = Threaded Insert
 N = No Mounting Ears
 S = Side Mounting Hole
 D = Flush Mounting (Consult Factory)

COMC02

COMPAR CONNECTORS

EXAMPLE



A. INSULATOR MATERIAL

D = Diallyl Phthalate

B. PLATING

N = 30 μ " Selective Gold
 S = 10 μ " Gold Plate (All Over)
 T = 100 μ " Bright Tin Lead
 Z = 10 μ " Selective Gold

C. SPACING

M = .156" (3.96mm)

D. NUMBER OF CONTACT POSITIONS

2 to 86
 Standard Sizes:
 6/10/12/15/18/22/24/25/28/36/43

E. READOUT

D = Dual Fully Loaded
 H = Half Row (No Back-Ups)
 *S = Centre (Double Nose/Single Tail)

F. TERMINATION TYPE

RA = Right Angle P.C.
 RE = Solder Eyelet
 RK = P.C. Tail (.140" row spacing or centre)
 RP = .600" long P.C. Tail (.140" row spacing)
 RX = .225" long P.C. Tail (.200" row spacing)
 RY = .635" long P.C. Tail (.200" row spacing)
 RZ = Fork Tail (.200" row spacing)

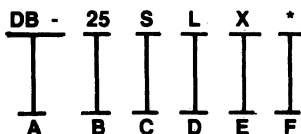
G. MOUNTING STYLES

H = .125" Clear Hole
 F = Floating Bobbin (.116" dia.)
 I = 4-40 Threaded Inserts
 N = No Mounting Ears
 S = .125" Side Mounting Hole

LEOC01

LEOCO CORPORATION

EXAMPLE



A. SERIES

Mfr. Identification Code

B. NUMBER OF CONTACTS

9, 15, 25, 37, 50

C. GENDER

S = Socket, P = Plug

D. CONTACT TYPE

D = hand Solder
 R = Crimp Version
 T = Dip Solder-Straight
 L = Dip Solder-Right angle

E. PLATING

U = .000005" Gold
 X = .000010" Gold
 Y = .000020" Gold
 Z = .000030" Gold

F. OTHERS

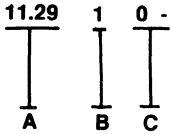
Mfr. Identification Code

MANUFACTURERS' ORDERING KEYS

CTE01

CONTACT ELECTRONICS, INC.

EXAMPLE



A. SERIES

B. NUMBER OF POSITIONS AND GENDER

	MALE	FEMALE
9 Contacts	0	1
15 Contacts	2	3
25 Contacts	4	5
37 Contacts	6	7
50 Contacts	8	9

C. CONTACT TERMINATION

Solder Cup (up to #20 AWG)	0	Screw Machined
Solder Pin (PC Mt. .028 Dia.)	1	Screw Machined
Wrap Post 2 Level	2	Screw Machined
Wrap Post 1 Level	3	Screw Machined
Solder Pin (PC Mt. .040" Dia.)	4	Screw Machined
Solder Pin (PC Mt. .026" Sq.)	7	Stamped Contacts
Wrap Post	9	Stamped Contacts

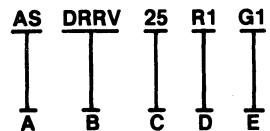
D. SPECIAL MODIFICATIONS

- S - 4,40 Swage nut for rear panel mount
 - B - Electro tin plated shells
 - G - Grounding dimples (males only)
 - 04 - Gold flash/.000030 Nickel
 - 05 - .000010 Gold/.000030 Nickel
 - 06 - .000015 Gold/.000030 Nickel
- Non Standard modifications available upon request

ASL11

A & STEVENSON, INC.

EXAMPLE



A. MANUFACTURER'S IDENTIFICATION

B. SERIES

DRRV - Dual Row Right Angle Version

C. NUMBER OF PINS

02 Thru 60

D. CONTACT CONFIGURATION

R1 - 3mm (0.12")

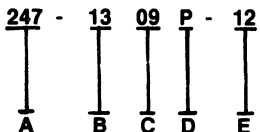
E. CONTACT PLATING

- T1 - Tin
7.620 μ m (0.000300")
- G1 - Gold over Nickel
0.127 μ m (0.000005")
- G2 - Gold over Nickel
0.254 μ m (0.000010")
- G3 - Gold over Nickel
0.508 μ m (0.000020")

WCH36

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series 247

B. GRID CODE

13 = .109" x .112"

C. NUMBER OF CONTACTS

09, 15, 25, 37

D. CONTACT TYPE

S = Socket
P = Pin

E. MATING HARDWARE

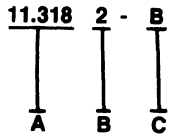
02 = .126" Dia. Thru-Hole
12 = #4-40 Threaded
Standoff Bushings

MANUFACTURERS' ORDERING KEYS

CTE02

CONTACT ELECTRONICS, INC.

EXAMPLE



A. SERIES B. NUMBER OF POSITIONS AND GENDER

	MALE	FEMALE
9 Contacts	0	1
15 Contacts	2	3
25 Contacts	4	5
37 Contacts	6	7
50 Contacts	8	9

C. MODIFICATIONS

SHELL MODIFICATIONS:

- Add - B for both shells tin over copper flash
- Add - C for both shells zinc plated white yellow chromate finish

Add - G for grounding indents (mate only)

Note: Gold per MIL-G-45204

Nickel per QQ-N-290

Replace 4xxx with 3xxx when ordering connectors with screw machined contacts

CONTACT PLATING

Add - 04 for gold flash over

.000030 (.00076) nickel

Add - 05 for .000010 (.00025) gold over .000030 (.00076) nickel

Add - 06 for .000015 (.00038) gold over .000030 (.00076) nickel

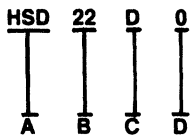
Add - 16 for .000015 gold selective at point of contact over gold flash/.000030 nickel

Note: For stamped and formed only. Other contact platings available upon request.

WCH38

WINCHESTER ELECTRONICS

EXAMPLE



A. INSERT SERIES CODE (HSD or HMD)

B. NUMBER OF CONTACT PAIRS

10, 15, 18, 22, 36, 43.

C. TERMINATION TYPE

D = dip solder, .156" x .140"

R = dip solder, .156" x .156"

S = solder eyelet, .156" x .156"

W = wire wrap, .156" x .156"

D. MOUNTING

0 = standard .128" diameter holes

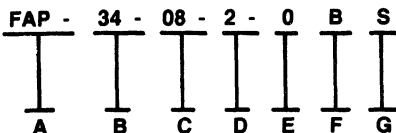
1 = floating bushing (#4-40 screw)

2 = #4-40 threaded inserts

YE104

YAMAICHI ELECTRONICS, INC.

EXAMPLE



A. PLUG

B. NUMBER OF TERMINALS

10, 16, 20, 26, 30, 34, 40, 50, 60, 64

C. SERIES NUMBER

D. STYLE OF TERMINAL

"1" - Right angle wire wrapping terminal

"2" - Right angle DIP solder terminal

"3" - Straight wire wrapping terminal (under planning)

"4" - Straight DIP solder terminal

E. MANUFACTURERS CODE

F. CONTACT AREA PLATING SPEC.

"A" - Gold 30 µin min. over Nickel 98-177 µin

"B" - Gold 12 µin min. over Nickel 98-177 µin

"S" - Tin 78-157 µin over Nickel 98-177 µin

G. DIP TERMINAL PLATING SPEC.

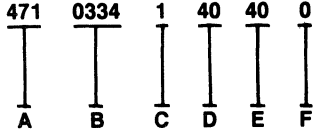
"S" - Tin 2-4 micron (79-157 µin) over Nickel 2.5-4.5 micron (98-177 µin)

MANUFACTURERS' ORDERING KEYS

CTL01

COMATEL U.S.A., Inc.

EXAMPLE



A. CONTACT STYLE

- Strips 20 positions
- 381 Straight gold plated
- 382 Straight tin plated
- 383 Right angle gold plated
- 384 Right angle tin plated
- Strips 40 positions
- insulating .130
- 398 Straight gold and tin plated
- 399 Right angle gold and tin plated
- insulating .100
- 471 Straight gold and tin plated
- 472 Right angle gold and tin plated
- Strips 80 positions
- 473 Straight gold and tin plated
- 474 Right angle gold and tin plated

B. MANUFACTURERS CODE

C. PITCH

- 1: 1 x .100 = .100
- 2: 2 x .100 = .200
- 3: 3 x .100 = .300
- 4: 4 x .100 = .400
- 5: 5 x .100 = .500
- 6: 6 x .100 = .600
- 7: 7 x .100 = .700
- 8: 8 x .100 = .800
- 9: 9 x .100 = .900
- 0: 10 x .100 = 1"

D. NUMBER OF POSITIONS

Designation	Product group	Codification of number of positions	Pitch
STRIPS (except strips for mini-wrapping)	331	1 ... / ... 20 (pitch .100)	1
	334	2 ... / ... 10 (pitch .100) ... / ... 2 or 3	2 ... / ... 9
STRIPS 20 positions	381 to 384	1 ... / ... 20 (.100)	1
STRIPS 40 positions	398 - 399 and 471 - 472	1 ... / ... 40 (.100)	1
STRIPS 80 positions	473	2 ... / ... 80 (.100) Even numbers only	1
	474		

E. MANUFACTURERS CODE

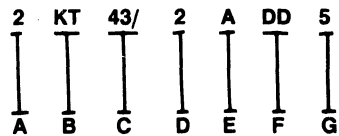
F. COLOR OR ORIENTATION

- 1 = Brown
- 2 = Red
- 3 = Orange
- 4 = Yellow
- 5 = Green
- 6 = Blue
- 7 = Violet
- 8 = Grey
- 9 = White
- 0 = Black
- Does not apply for insulating material of strips
- 0 = Parallel to socket
- 1 = Right angle to socket
- 9 = Stand off on topside

VKC09

VIKING CONNECTOR CO.

EXAMPLE



A. POLARIZATION

- 2 Between-Contacts (Slotted).

B. CONTACT PLATING

- KH .000010 gold engagement area;
- .000010 gold termination area.
- KT* .000010 gold engagement area;
- .000100 - .000150 tin lead termination area.
- VH .000030 gold all over.
- VN* .000030 gold engagement area;
- .000010 gold termination area.
- VT* .000030 gold engagement area;
- .000100 - .000150 tin lead termination area.

*Not available on codes E and KC contact terminations.

C. NUMBER OF CONTACT PAIRS

- 6, 10, 15, 18, 22, 36, 43

D. INSULATOR MATERIAL

- 1 Diallyl Phthalate (green)
- Standard with VH, VN, and VT platings.
- Not available with KT plating.

E. SERIES IDENTIFIER

- 2 Polyester (black)
- Standard with KH, KT, VN, and VT platings.
- Not available with VH plating.
- 9 Phenolic (black)
- Not available with KT plating

F. CONTACT TERMINATIONS

- A .156 (3.96) Contact Centers;
- .062 (1.57) P.C. Board.
- N Pierced Eyelet
- E Short Dip Solder
- DD Medium Dip Solder
- V Dip Solder
- KC Right-Angle Dip Solder

G. MOUNTING STYLES

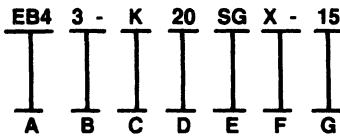
- 3 Threaded Insert
- 5 Thru Hole
- 8 Floating Mount
- 12 No Ears
- 15 Thru Hole Side Mount

MANUFACTURERS' ORDERING KEYS

DEI01

DALE ELECTRONIC, INC.

EXAMPLE



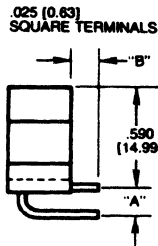
A. SERIES

Edgeboard P.C.
Connector Series

B. BODY MATERIAL

- 1 = Diallyl Phthalate
- 2 = Phenolic
- 3 = Glass-filled Polyester

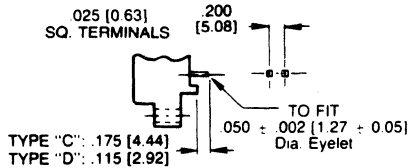
C. CONTACT VARIATIONS



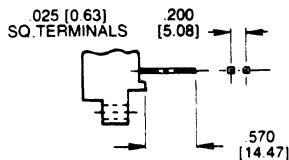
TYPE	"A"	"B"
1R	.150 [3.81]	.120 [3.05]
2R	.200 [5.08]	.120 [3.05]
3R	.150 [3.81]	.180 [4.57]
4R	.200 [5.08]	.180 [4.57]

TYPE "C" (SOLDER DIP)

TYPE "D" (SOLDER DIP)



TYPE "K" (WIRE WRAP)



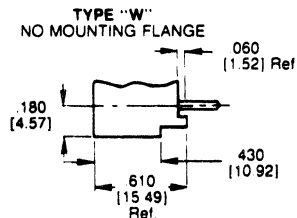
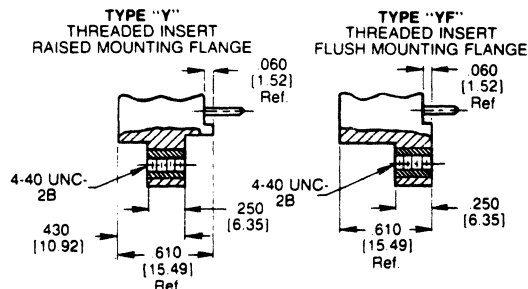
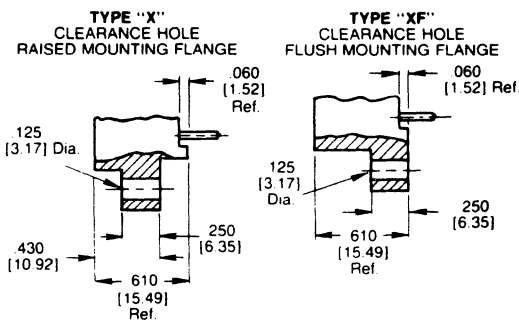
D. NUMBER OF CONTACT POSITIONS

10, 12, 15, 18, 20, 22,
25, 28, 30, 31, 35, 36, 40, 43, 44, 48, 49, 50, and 60
per side.

E. CONTACT PLATING

- G** - Gold Plate per MIL-G-45204, Type 1, Grade C, Class 0, (.00003 min. thick).
- GF** - Gold Plate per MIL-G-45204, Type 1, Grade C, (.000010 min. thick).
- SG** - Selective Gold Plating (.00003 min. thick) on contact area only.
- SGF** - Selective Gold Plating (.000010 min. thick) on contact area with Gold Flash on terminal.
- All Gold Plating** over .000050 min. Nickel Underplate.

F. MOUNTING VARIATIONS



G. POLARIZATION

Polarizing Key Positions: Key(s) are located to right of position(s) designated. Required only when polarizing keys are to be factory installed.

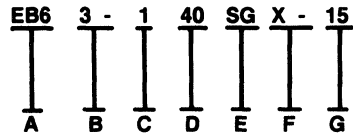
NOTE: To order polarizing keys individually, specify model PK-4.

MANUFACTURERS' ORDERING KEYS

DEI02

DALE ELECTRONICS, INC.

EXAMPLE



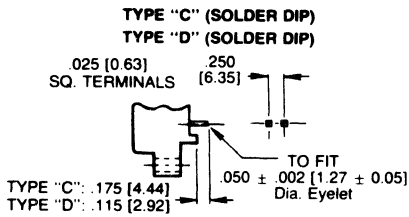
A. SERIES

Edgeboard P.C. Connector Series

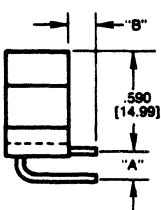
B. BODY MATERIAL

- 1 = Diallyl Phthalate
- 2 = Phenolic
- 3 = Glass-filled Polyester

C. CONTACT VARIATIONS



.025 (0.63) SQUARE TERMINALS



TYPE	"A"	"B"
1R	.150 [3.81]	.120 [3.05]
2R	.200 [5.08]	.120 [3.05]
3R	.150 [3.81]	.180 [4.57]
4R	.200 [5.08]	.180 [4.57]

D. NUMBER OF CONTACT POSITIONS

Number of Contact Positions: 6, 10, 14, 15, 18, 22, 24, 25, 28, 30, 31, 32, 35, 36, 40, 43, 44, 49, and 50.

E. CONTACT PLATING

Contact Plating:

G—Gold Plate per MIL-G-45204, Type 1, Grade C, Class 0, (.00003 min. thick).

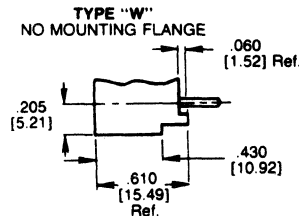
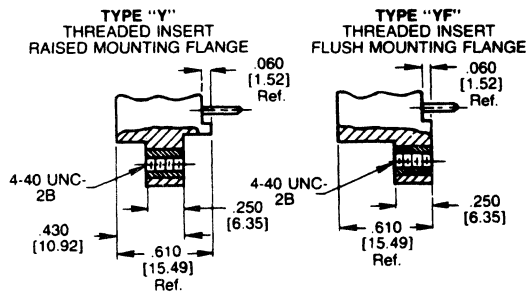
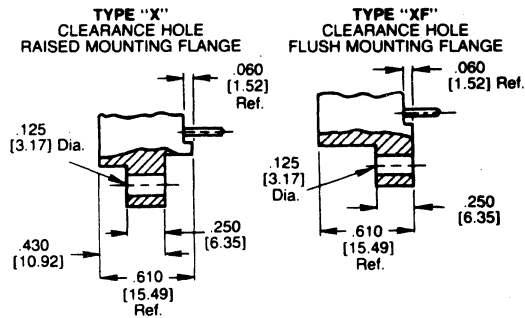
GF—Gold Plate per MIL-G-45204, Type 1, Grade C, (.000010 min. thick).

SG—Selective Gold Plating (.00003 min. thick) on contact area only.

SGF—Selective Gold Plating (.000010 min. thick) on contact area with Gold Flash on terminal.

All Gold Plating over .000050 min. Nickel Underplate.

F. MOUNTING VARIATIONS



G. POLARIZATION

Polarizing Key Positions: Key(s) are located to right of position(s) designated. Required only when polarizing keys are to be factory installed.

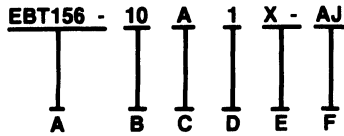
NOTE: To order polarizing keys individually, specify model PK-6

MANUFACTURERS' ORDERING KEYS

DEI06

DALE ELECTRONICS, INC.

EXAMPLE



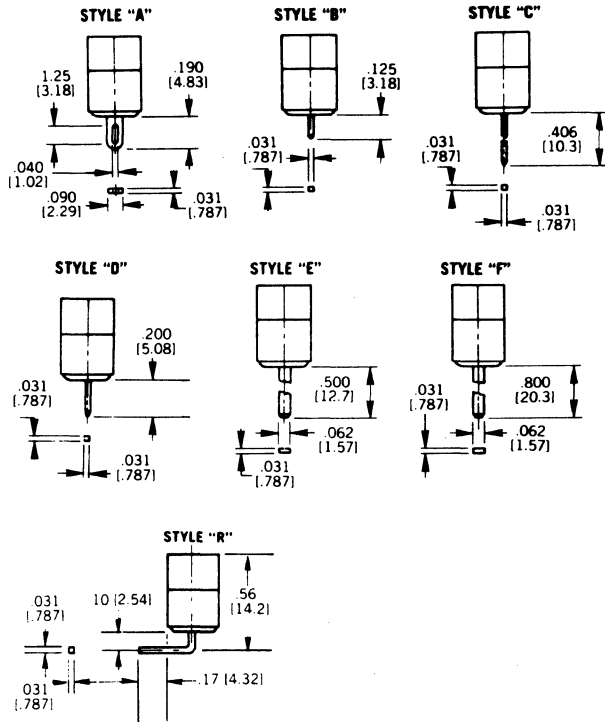
A. SERIES

Edgeboard P.C. Connector Series

B. NUMBER OF CONTACTS

6, 10, 12, 15, 18, 22

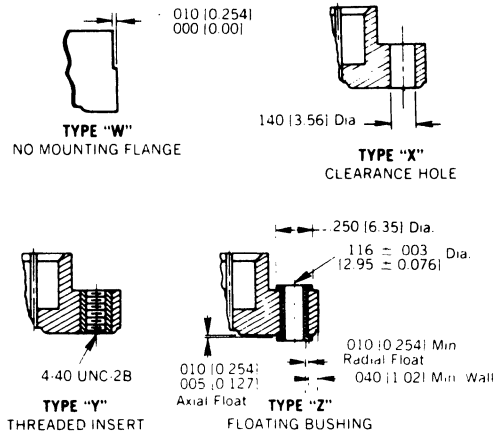
C. CONTACT TERMINAL VARIATIONS



D. CONTACT FINISH

- 1 - Electro Tin Plated
- 2 - Gold Flash

E. MOUNTING VARIATIONS



F. POLARIZATION

ON CONTACT POLARIZATION: Required **only** when polarizing key(s) are to be **factory installed**.

Polarization key replaces contact. When polarizing key(s) replaces contact(s) indicate by adding suffix "9" to contact position(s) desired. Example: **A9, J9** means keys replace terminal **A & J**.

BETWEEN CONTACT POLARIZATION: Required **only** when polarizing key(s) are to be **factory installed**.

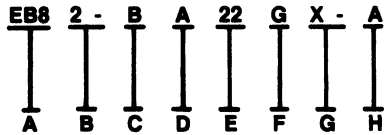
Polarization key positions. Between contact polarization key(s) are located to the right of the contact position(s) desired. Example: **A, J** means keys between **A & B, J & K**.

MANUFACTURERS' ORDERING KEYS

DEI05

DALE ELECTRONIC, INC.

EXAMPLE



A. SERIES

Edgeboard P.C. Connector

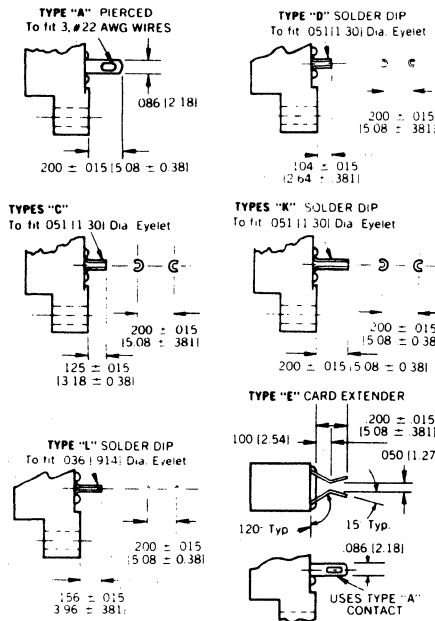
B. BODY MATERIAL

- 1 = Diallyl Phthalate
- 2 = Phenolic
- 3 = Glass-filled Polyester

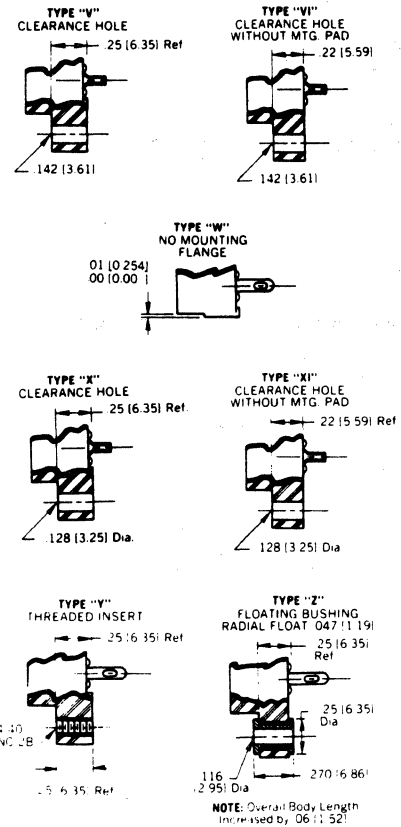
C. CONTACT MATERIAL

Beryllium copper contacts optional. Omit for standard.

D. CONTACT VARIATIONS



G. MOUNTING VARIATIONS



H. POLARIZATION

Polarizing Key Positions: Key(s) are located to right of position(s) designated. Required only when polarizing keys are to be factory installed.

E. NUMBER OF CONTACT POSITIONS

6, 10, 12, 15, 18, 22, 24, or 25

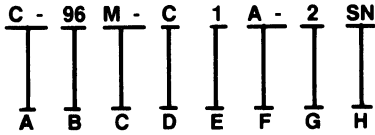
F. CONTACT PLATING

- G—Gold Plate per MIL-G-45204, Type 1, Grade C, Class 0, (.00003 min. thick).
 - GF—Gold Plate per MIL-G-45204, Type 1, Grade C, (.000010 min. thick).
 - SG—Selective Gold Plating (.00003 min. thick) on contact area only.
 - SGF—Selective Gold Plating (.000010 min. thick) on contact area with Gold Flash on terminal.
- All Gold Plating over .000050 min. Nickel Underplate.

MANUFACTURERS' ORDERING KEYS

DIN01

EXAMPLE



A. TYPE OF CONNECTOR

	Current rating at 70° in AMPS
B	2
Q	2
C	2
C/2	2
R	2
D	4
E	4
F	4
G	4
H11	15
H15	11
M	4/11

B. NUMBER OF CONTACTS

	11	15	16	24/7	32	48	64	96
					X		X	
					X		X	
			X		X	X	X	X
			X		X		X	X
						X		
					X	X		
							X	
X								
	X							
				X				

C. CONTACT TYPE

F = Female
M = Male
N = Push on

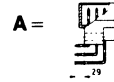
D. CONNECTOR TYPE

B = Connector body for snap-in-contacts
C = Connector, complete with contacts
S = Single contact

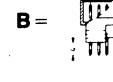
E. CONTACT MATERIAL

1 = Gold
2 = Silver
3 = Tin

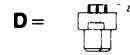
F. CONNECTOR TERMINATION



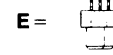
A = Male, right angle solder tail



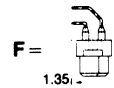
B = Male, solder tail



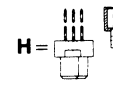
D = Female, solder tail



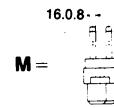
E = Female, solder tail



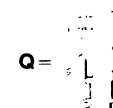
F = Female, right angle solder tail



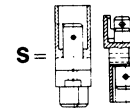
H = Female/male, wire wrap



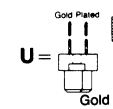
M = Female, termpoint



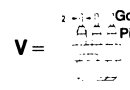
Q = Female/male crimp snap-in contact



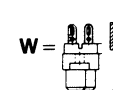
S = Female/male for flat connector



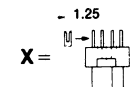
U = Female/male for piggy backing, selectively gold plated



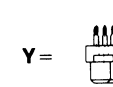
V = Female/male for metal plate applications



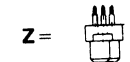
W = Female/male for wire soldering



X = Female, for ribbon cable



Y = Female/male press fit, solid beam



Z = Female/male press fit, compliant pin

More than one can apply, e.g., Z for compliant pin plus U for piggyback applications = ZU.
Not all types and terminations are shown in this short form catalog.

G. PERFORMANCE LEVEL

1 = 500 mating cycles
2 = 400 mating cycles
3 = 50 mating cycles

H. TAIL SURFACE

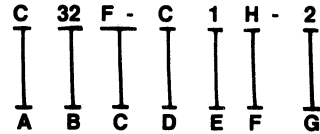
Ag = silver
Au = gold
Sn = tin
Ni = nickel

MANUFACTURERS' ORDERING KEYS

DIN02

AEG CORP. - INTERMAS

EXAMPLE



A. TYPE

STD	SHORT
B 32, B 64	AB 16, Ab 32
C 32, C 64, C 96	BB 16, BB 32
D 16, D 32	AC 16, AC 32, AC 48
E 48 ¹⁾	BC 16, BC 32, BC 48
F 32, F 48	
G 64	
H 15	
H11 ¹⁾	
M 24/H 7	
R 32, R 64, R 96 ¹⁾	

B. NUMBER OF POLES

STD	SHORT
11 to 96	16 to 48

C. CONTACT

Socket connector F
Plate connector M

D. CODE

Components and single contacts
B = insulator unfitted
C = insulator fitted
S = single contact

(Note to paste-up; add circumflex over equal signs above.)

E. CONTACT SURFACE

1 = gold or gold alloy
2 = silver or silver alloy
3 = tin or tin alloy

F. CONNECTION TYPE²⁾

- A Blade connectors for soldering into PCB assemblies with nominal thicknesses up to 1.6mm
- B¹⁾ Blade connectors for soldering into printed wirings with nominal thicknesses up to 2.4mm
- *D Socket connectors for soldering into printed wirings with nominal thicknesses up to 1.6mm
- E Socket connectors for soldering into printed wirings with nominal thicknesses up to 2.4mm
- F¹⁾ Socket connectors for soldering into PCB assemblies with nominal thicknesses up to 2.4mm
- H Blade connectors and socket connectors for wire wrap connections
- *M Socket connectors for termipoint connections
- Q Socket connectors for crimp connections
- *S¹⁾ Blade and socket connectors for flat plug connections
- *U Blade and socket connectors: adaptor connection of the connection pins for socket connector adaption
- *V¹⁾ Blade and socket connectors for metal plates
- W¹⁾ Blade and socket connectors for soldered wire connections
- *X¹⁾ Socket connectors for ribbon-type cable technique
- *Y¹⁾ Socket connectors for press-in technique

*Available for Std DIN only

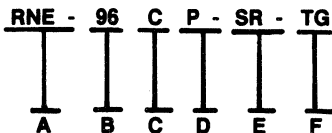
G. QUALITY CLASS

Tests	Requirements of Quality class 1	Quality class 2	Quality class 3
Climatic test class DIN IEC 68 part 1			
Threshold temperature	-55 to +125°C	-55 to +125°C	-55 to +125°C
Humidity - heat			
Temperature/humidity/days	+40°C/92% / 56	+40°C/92% / 56	-
Industrial atmosphere			
Stress A	10 days SO ₂	4 days SO ₂	-
Stress B	10 days H ₂ S	4 days H ₂ S	-
Mechanical stress, DIN 41640			
Vibrations, sinusoidal	10 to 2000 Hz	10 to 500 Hz	-
Amplitude/acceleration	1,5mm/20 g	0,35mm/5 g	-
Time	6 hours	6 hours	-
Shock, semi-sinusoidal			
Velocity	3.45 m/s	-	-
Acceleration	490 m/sec ²	-	-
Time	11 ms	-	-
Plugging frequency			
Minimum plugging cycles	500	400	50

RNI02

ROBINSON NUGENT, INC.

EXAMPLE



A. SERIES

Mfr. Identification Code

B. NUMBER OF CONTACTS

32, 64, 96

C. BODY DESIGN

C-Form
3 Row

D. CONNECTOR TYPE

P = Plug Connector
P2 = Even pins only, Row A & C

E. TERMINATION STYLE

SR = Solder, Right Angle
S = Solder, Straight
W = Wire Wrap, Straight

F. PLATING CODE

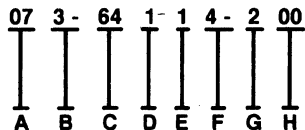
Plating Code: Specify TG, TG30

MANUFACTURERS' ORDERING KEYS

DIN03

TEKA PRODUCTS, INC.

EXAMPLE



A. SERIES

07 - DIN

B. TYPE

2 - Male Connector 3 Rows
3 - Female Connector 3 Rows

C. TOTAL NUMBER OF CONTACTS

32, 64, 96

D. MOUNTING

1 - Standard
9 - Reversed

E. TAIL

1 - Solder dip standard
4 - Wire wrap

F. FINISH

4 - 30μ" gold contact area
over 50μ" nickel,
200μ" tin alloy terminals

G. NUMBER OF ROWS

1 - Single Row
2 - Double Row
3 - Triple Row

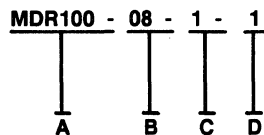
H. MODS

00 - Straight
90 - 90° Bend

CCP01

COMPONENTS CORPORATION

EXAMPLE



A. SERIES

MDR100 (.100" x .200" row)

B. NUMBER OF DUAL POSITIONS

4 through 50 (8 through 100 contacts)

C. PLATING

1: .000008" gold over .00005" nickel
2: .0001" electro tin over .00005" nickel
3: .00003" gold over .00005" nickel
4: .0001" nickel

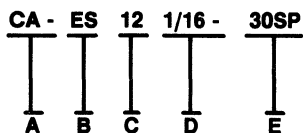
D. RECEPTACLE CONFIGURATION

1: End Caps
2: Open ends
3: Integrally mounted card guide

CAC38

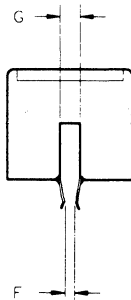
CIRCUIT ASSEMBLY CORP.

EXAMPLE



D. MATING PCB THICKNESS

	F DIM.	G DIM.
1/16 =	.062 (1.57)	.070 (1.78)
1/32 =	.031 (0.79)	.040 (1.02)



A. CONNECTOR FAMILY

B. SERIES IDENTIFICATION

C. NUMBER OF CONTACT POSITIONS

12
14
16
18
20
24

E. PLATING

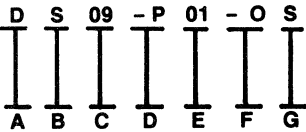
BLANK = .000010 (.00025) GOLD OVER
.000075 (.00190) NICKEL
30SP = CONTACT AREA: .000030 (.00076)
GOLD
TAIL AREA: .000003 (.00008) GOLD
FLASH MIN.
UNDERPLATE: .000075 (.00190)
NICKEL

MANUFACTURERS' ORDERING KEYS

EBY01

EBY COMPANY

EXAMPLE



A. SERIES

B. FAMILY

- S - Thermoplastic Insulators & Cadmium Plated Metal Shells
- T - Thermoplastic Insulators & Tin Plated Metal Shells

C. NO. OF CONTACTS

09, 15, 25, 37 & ■ 50

D. CONTACT TYPE

- P - Pin (male)
- S - Socket (female)

E. CONTACT STYLES AND LENGTHS

- 01 - Solder Cup
- 02 - Straight, Solderless Wrap, 2 Wraps
- 03 - Straight, Solderless Wrap, 3 Wraps
- 07 - Straight, P.C. Mount, .024 X .208 Tail
- 13 - Straight, P.C. Mount, .040 X .208 Tail
- 20 - Rt. Angle, P.C. Mount, .283 Footprint, .040 Dia. Tail
- 21 - Rt. Angle, P.C. Mount, .283 Footprint, .030 Dia. Tail
- 22 - Rt. Angle, P.C. Mount, .545 Footprint, .030 Dia. Tail

F. SCREW MACHINED CONTACTS

G. MOUNTING TYPES

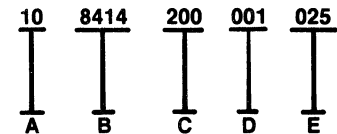
- S - .120 Dia. Mounting Holes
- K - .154 Dia. Mounting Holes
- J - Threaded Spacer, Front Mounting
- E - Threaded Spacer, Rear Mounting
- F - Floating Bushing, Front Mounting
- R - Floating Bushing, Rear Mounting

□ Note: These items are not standard distributor items.

ELO31

ELCO CORPORATION

EXAMPLE



A. PREFIX

10 - Header

B. SERIES

Expanded standard DIN type, 4 row

C. NUMBER OF CONTACT CAVITY POSITIONS

NO. CONTACT POSITIONS	*CONTACT ROWS
200	4 (4 x 50)

*Consult factory for other numbers of contact cavity positions

D. CONTACT DESIGNATION CODE

CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y	CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y
001		P.C. contact .025 sq. terminal	.134	004		P.C. contact right angle long for 2 wire wrap levels. 025 sq. terminal	.445
002		P.C. contact . right angle. short 0.25 sq. terminal	.114				
003		Straight wire wrapping 025 sq. terminal	.512				

E. VARIATION CODE

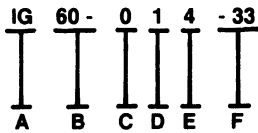
PLATING DESCRIPTION							CONTACT LOADING POSITIONS						
Mating Area	32 Gold	24 Gold	16 Gold	32 Gold	24 Gold	16 Gold							
Terminal Area	10 Gold	Gold Flash	Gold Flash	80/200 Tin/Lead	80/200 Tin/Lead	80/200 Tin/Lead							
VARIATION CODE NUMBERS													
109	097	085	037	025	013	Fully loaded, .100 grid							
110	098	086	038	026	014	Row a - c fully loaded, 100 x 200 grid							
111	099	087	039	027	015	Row a fully loaded, .100 grid							
113	101	089	041	029	017	Row a - b fully loaded, .100 grid							

MANUFACTURERS' ORDERING KEYS

EBY11

EBY COMPANY

EXAMPLE



A. SERIES

IG-4-Wall Header
IH-3-Wall Header

B. NO. OF CONTACTS

10, 14, 16, 20, 26, 34, 40, 50, 60

C. KEY

○ - With Window for Snap-in Key
■ A - With Key Molded in Place

D. CONTACT TERMINATIONS

1 - .102 (2.59) long for .062 (1.57) thk PCB's
 ■ 2 - .134 (3.40) long for .094 (2.39) thk PCB's
 ■ 3 - .165 (4.19) long for .125 (3.18) thk PCB's
 ■ 4 - .595 (15.11) min. length Solderless Wrap Pins

E. HEADER CONFIGURATIONS

- 1 - Right Angle without Latches
- 2 - Right Angle with Short Latches
- 3 - Right Angle with Long Latches
- 4 - Straight without Latches
- 5 - Straight with Short Latches
- 6 - Straight with Long Latches

F. CONTACT MATERIAL AND FINISH

- 01 - Ph Brz - .000010" (0.254 μm)
Gold all over, over Nickel
- 03 - Ph Brz - .000030" (0.762 μm)
Gold all over, over Nickel
- 33 - Ph Brz - .000030" (0.762 μm)
Selective* Gold, Tail Gold Flash,
over Nickel
- 81 - Ph Brz - .000010" (0.254 μm)
Selective* Gold, Tail Tin/Lead,
over Nickel
- 83 - Ph Brz - .000030" (0.762 μm)
Selective* Gold, Tail Tin/Lead,
over Nickel

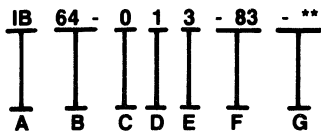
*Selective Gold is on the critical (male/female) contact area only; balance is Gold Flashed.

□ Note: These items are not standard distributor items.

EBY12

EBY COMPANY

EXAMPLE



A. SERIES

B. NO. OF CONTACTS

10, 14, 16, 20, 26, 34, 40, 44, 50, 56, 60, 64.

C. POLARIZING KEY

○ - With Window for Snap-in Key
■ A - With Key Molded in Place

D. CONTACT TERMINATION LENGTHS

1 - .102 (2.59) long for .062 (1.57) thk PCB's
 ■ 2 - .134 (3.40) long for .094 (2.39) thk PCB's
 ■ 3 - .165 (4.19) long for .125 (3.18) thk PCB's
 ■ 4 - .595 (15.11) min. length Solderless Wrap Pins

E. MOUNTING TYPES

- 1 - Right Angle, with Mtg. Ears
- 2 - Right Angle, w/o Mtg. Ears
- 3 - Straight, w/o Mtg. Ears

F. CONTACT MATERIAL AND FINISH

- 01 - Phosphor Bronze, with .000010" Gold over Nickel
- 03 - Phosphor Bronze, with .000030" Gold over Nickel
- 33 - Phosphor Bronze, with .000030" Selective* Gold, tail Gold flash, over Nickel
- 81 - Phosphor Bronze, with .000010" Selective* Gold over Nickel and Tin on the Solder Tail
- 83 - Phosphor Bronze, with .000030" Selective* Gold over Nickel and Tin on the Solder Tail

*Selective Gold is on the critical (male/female) contact area only; balance is Gold Flashed.

G. VARIATIONS

Omit if not required

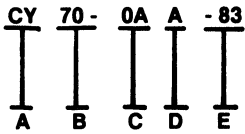
□ Note: These items are not standard distributor items.

MANUFACTURERS' ORDERING KEYS

EBY05

EBY COMPANY

EXAMPLE



A. SERIES

B. NO. OF DUAL POSITIONS

10, 12, 15, 18, 20, 22, 25, 28, 30, 31, 35, 36, 40, 43, 50, 60, 70

C. CONTACT TERMINATIONS AND LENGTHS

- OA - Printed Circuit—Straight—
(.025 sq. X .19 Tail Length)
- OB - Solderless Wrap—
(.025 sq. X .57 Tail Length)
- OF - Printed Circuit—Straight—
(.026 dia. X .18 Tail Length)
- OH - Printed Circuit—Right Angle

D. MOUNTING TYPES

Flush Mounting Types

A - .128 Dia. Clearance Holes

■ B - #4-40 Threaded Inserts

Offset Mounting Types

J - .128 Dia. Clearance Holes

■ K - #4-40 Threaded Inserts

P - Side Mounting (For Right Angle)

Other

N - No Mounting Ears

E. CONTACT MATERIAL AND FINISH

CONTACT MATERIAL & FINISH

- 01 - Phos. Brz. - .000010" Gold over Nickel
- 03 - Phos. Brz. - .000030" Gold over Nickel
- 33 - Phos. Brz. - .000030" Selective Gold*, over Nickel
- 83 - Phos. Brz. - .000030" Selective Gold*, tin-lead on tail, over Nickel

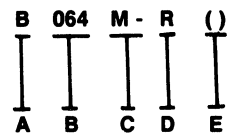
*Selective Gold is on the male/female engaging area.

□ Note: These items are not standard distributor items.

TXT07

TEX-TECHS INC.

EXAMPLE



A. SERIES

B

B. CONTACT ARRANGEMENT

064 All contacts loaded in rows a and b

A32 Contacts loaded in row a only

B32 Contacts loaded in row b only

C. CONTACT TYPE

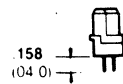
M Male pin
F Female socket

D. TERMINAL TYPE

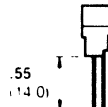
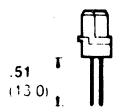
R Right angle solder terminals for 0.062"/1.6 mm thick boards (males only)



S Straight solder terminal for mother boards up to 0.093"/2.4 mm thick



W Straight two-level wire-wrap post



E. DEVIATION NUMBER

Note 1: Other contact platings and custom contact loading configuration are available: consult factory for details

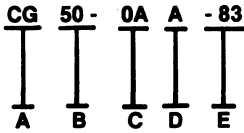
Note 2: First Make - Last Break Option Male pins in row a may be extended .030" (0.75mm) for ground before signal applications. Consult factory for details.

MANUFACTURERS' ORDERING KEYS

EBY06

EBY COMPANY

EXAMPLE



A. SERIES

B. NO. OF DUAL POSITIONS

15, 18, 22, 28, 30, 31, 35, 36,
40, 43, 50

C. CONTACT TERMINATIONS AND LENGTHS

OA - Printed Circuit (.20 Tail Length)
OB - Solderless Wrap (.55 Tail Length)

D. MOUNTING TYPES

Flush Mounting

- A - .128 Dia. Clearance Holes
- B - #4-40 Threaded Inserts
- C - .116 I.D. Floating Bushings

Offset Mounting

- J - .128 Dia. Clearance Holes
- K - #4-40 Threaded Inserts
- L - .116 I.D. Floating Bushings

Other

- N - No Mounting Ears

E. CONTACT MATERIAL AND FINISH

- 01 - Phos. Brz. - .000010" Gold over Nickel
- 03 - Phos. Brz. - .000030" Gold over Nickel
- 43 - Phos. Brz. - .000100" Tin over Nickel
- 83 - Phos. Brz. - .000030" Selective Gold*, tin-lead on tail, over Nickel

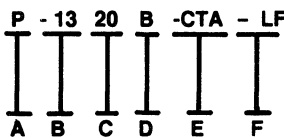
*Selective Gold is on the male/female engaging area.

□ Note: These items are not standard distributor items.

HRS02

HIROSE ELECTRIC U.S.A., INC.

EXAMPLE



A. CONTACT TYPE

- P : Pin Contact
- S : Socket Contact

B. SERIES NAME

1300 series

C. NO. OF CONTACTS

04, 06, 08, 12, 16, 20, 24,
28, 34, 45, and 60

D. TERMINAL TYPE

- Blank: Soldering Eyelet
- B : With longer center terminal line (20, 28, 34, 45, 60), NTT spec
- C : Crimp type housing
- DS : Dip soldering (08, 12, 16, 24, 34, 45, 60 at pin insert and 34, 60 at socket insert).
- WB or WE: Wire wrapping (24, 28, 34, 45, 60)

E. ACCESSORY

- CM : ABS resin plug shell
- CTA : Steel plug shell with vertical cable inlet (NTT spec)
- CEA : Steel plug shell with lateral cable inlet (NTT spec)
- CEA1: CEA special type for NTT spec
- CTC : Top touch plug shell with vertical cable inlet (34, 45, 60), NTT spec
- CEC : Top touch plug shell with lateral cable inlet (34, 45, 60), NTT spec
- CT : Plug shell with vertical cable inlet (04, 06)
- DB : Receptacle shell (04, 06)
- SB : Stopper bracket (NTT spec)
- SBA : Stopper bracket
- ST : Stopper bracket for top touch plug shell (34, 45, 60), NTT spec
- H : Handle

F. ACCESSORY

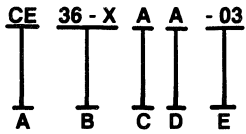
- LF : Jack shell for cable to cable connection with vertical cable inlet

MANUFACTURERS' ORDERING KEYS

EBY10

EBY COMPANY

EXAMPLE



A. SERIES

B. NO. OF CONTACTS

06, 10, 12, 15, 18, 22, 28, 36

C. CONTACT TERMINATIONS AND LENGTHS

A - Printed Circuit (.11 Tail Length Min.)
G - Wire Hole Tail (.18 Tail Length Min.)

D. MOUNTING TYPES

A - .142 Dia. Clearance Holes
E - No Mounting Ears

E. CONTACT MATERIAL AND FINISH

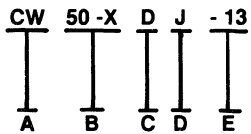
■ 01 - Phos. Brz. - .000010" Gold over Nickel
03 - Phos. Brz. - .000030" Gold over Nickel
■ 43 - Phos. Brz. - .000100" Tin over Nickel

Note: These items are not standard distributor items.

EBY07

EBY COMPANY

EXAMPLE



A. SERIES

B. NO. OF DUAL POSITIONS

06, 10, 15, 18, 22, 25, 28, 31,
36, 40, 43, 50

C. CONTACT TERMINATIONS AND LENGTHS

D - Solderless Wrap (.63 Tail Length Min.)

D. MOUNTING TYPES

J - .128 Dia. Clearance Hole
■ K - #4-40 Threaded Insert
■ L - .116 I.D. Floating Bushing
■ N - No Mounting Ears

E. CONTACT MATERIAL AND FINISH

13 - CA #725 - .000030" Selective Gold* over Nickel

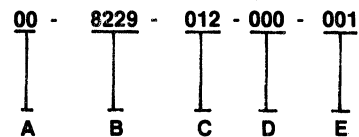
*Selective Gold is on the male/female engaging area.

Note: These items are not standard distributor items.

ELO15

ELCO CORPORATION

EXAMPLE



A. PREFIX

00 - Complete Connection Code

B. SERIES

C. NUMBER OF CONTACTS

006, 009, 010, 012, 015

D. CONTACT CODE

- 000 Crimp Contact (Reel 3000) 60 8216 0323
22-30 AWG
- 000 Crimp Contact (Loose) 60 8216 0313
22-30 AWG
- 491 Wrappable Removable Contact (.025 SQ) 60 8216 0413

E. VARIATION CODE

For factory installed contacts, use three digit Code No. For loose contacts, use Code No. 000 and order contacts separately by Part No.

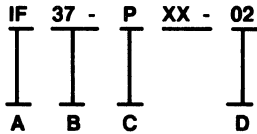
WITH KEYING	001 002 003	With Side Mounting Brackets With Upright Mounting Brackets Without Mounting Brackets
WITHOUT KEYING	005 006 007	With Side Mounting Brackets With Upright Mounting Brackets Without Mounting Brackets

MANUFACTURERS' ORDERING KEYS

EBY16

EBY COMPANY

EXAMPLE



A. SERIES

B. NUMBER OF CONTACTS

9, 15, 25, 37, ■ 50

C. CONTACT TYPE

P - Pin (Male)
S - Socket (Female)
R - Strain Relief

D. CONTACT MATERIAL AND FINISH

02 - Ph Brz - .000020" (0.51 μ m) Selective Gold*over Nickel with Tin-Lead on the termination end.

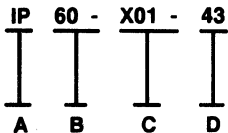
**Selective Gold is on the critical (male / female) contact area only.*

Note: These items are not standard distributor items.

EBY14

EBY COMPANY

EXAMPLE



A. SERIES

B. NUMBER OF CONTACTS

10, 16, 20, 26, 34, 40, 50, 60

C. CONTACT TERMINATION

01 - .090" (2.29) min length
■ 02 - .146" (3.71) min length

D. CONTACT MATERIAL AND FINISH

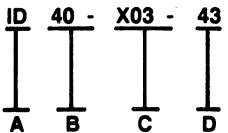
■ 01 - Ph Brz - .000010" (0.254 μ m) Gold over Nickel
■ 03 - Ph Brz - .000030" (0.762 μ m) Gold over Nickel
43 - Ph Brz - Bright Tin

Note: These items are not standard distributor items.

EBY13

EBY COMPANY

EXAMPLE



A. SERIES

B. NUMBER OF CONTACTS

14, 16, 24, 40

C. CONTACT TERMINATION AND STRAIN RELIEF

03 - .165 (4.19) min length without Strain Relief

D. CONTACT MATERIAL AND FINISH

■ 01 - Ph Brz - .000010" (0.254 μ m) Gold over Nickel
■ 03 - Ph Brz - .000030" (0.762 μ m) Gold over Nickel
43 - Ph Brz - Bright Tin

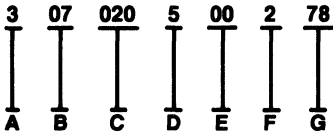
Note: These items are not standard distributor items.

MANUFACTURERS' ORDERING KEYS

EDAC01

EDAC

EXAMPLE



A. CARD EDGE CONNECTOR

2, 3

B. SERIES

	SPACING		
	PITCH	ROWS	
03	.156"	.140"	Dual readout
05/55	.156"	.140"	Dual readout
06/56	.156"		Centre readout
07/57	.156"	.200"	Single/dual readout
08	.156"	.200"	Single/dual readout
09	.156"		Centre readout
10	.156"	.200"	Single/dual readout
15	.156"	.140"	Dual readout
16	.156"		Centre readout
17	.156"	.200"	.045" Wire wrap
21	.156"	.200"	.045" Wire wrap 15/30
22	.156"	.200"	22/44 with Card guides
23	.156"	.200"	.045" Wire wrap 43/86
24	.156"	.200"	18/36 with Card guides
30	.156"	.200"	15/30 with Card guides
33	.156"	.200"	Single/dual readout
36	.156"	.188"	Single sided
37/87	.156"	.200"	.025" Wire wrap
38	.156"	.200"	.045" Wire wrap
40	.100"	.200"	Single/dual readout
41	.100"	.140"	Single/dual readout
42	.100"	.200"	Single/dual readout
45/95	.100"	.200"	Single/dual readout
46/96	.125"	.250"	Single/dual readout
49	.150"	.188"	Dual readout
68	.156"	.200"	4 & 6 Pin modules
84	.150"		Single sided

C. NUMBER OF CONTACTS

D. PLATING

- 4 = Tin/lead
- 5 = 10-20 Microinches gold, or 30 Microinches Gold inlay on CA725
- 6 = 30 Microinches Gold
- 7 = 50 Microinches Gold - Commercial
- 8 = 100 Microinches Gold
- 9 = 50 Microinches Gold - Military

E. CONTACT CODE

- 00-99 Solder hole (All series except 317, 321, 323, 338, 368)
- 20-39 P.C. Tab (All series except 317, 321, 323, 338, 368)
- 40-49 Wire wrap (All series except 303, 305, 306, 315, 316)
- 59 .150" Rows, 90° Bend (Single readout: 337, 345, 346. Dual readout: 307, 308, 337, 345, 346)
- 51 P.C. Tails Solder Dipped
- 52 .125" Extender board (solder hole) All series
- 53 P.C. Tab 90° Bend (Single readout (307, 308))
- 54 Solder hole (Single readout) 307, 308)
- 55 .062" Extender board (solder hole) (307, 308, 337, 345, 346)
- 56 .062" Extender Board (P.C. Tab) (307, 308, 337, 345, 346)
- 57 Wire wrap 90° Bend (Single readout) (307, 308)
- 58 .200" Rows, 90° Bend (Single readout: 337, 345, 346. Dual readout: 307, 308, 337, 345, 346)
- 60 Extender board (523 P.C. Tab) (345, 337)

F. READOUT AND INSULATOR STYLE

- 1 - Single readout flush mounting (306, 307, 308, 315, 316, 322, 324, 330, 337, 338, 345, 384)
- 2 - Dual readout flush mounting (305, 307, 308, 315, 316, 322, 324, 330, 337, 338, 345)
- 4 - Single readout (345: 110" offset) (346: .045" polarizing slot)
- 5 - Dual readout (345: 110" offset) (346: .045" polarizing slot)
- 6 - Single readout offset mounting (317, 321, 323, 345, 346)
- 8 - Dual readout offset mounting (317, 321, 323, 345, 346)

G. MOUNTING VARIATION

- 01 No Mounting Lugs (All series)
- 02 .128" dia. Mounting Holes (All series except 368)
- 03 .116" I.D. dia. Floating Eyelets (All series except 368)
- 04 .156" dia. Mounting Holes (All series except 368)
- 07 M3-0.5 Threaded inserts
- 08 No. 4-40 Threaded inserts (All series except 368)
- 09 .178" dia. Mounting Holes (Series 336 only)
- 12 .128" dia. Side Mounting Holes (All series except 368)
- 17 M3-0.5 Threaded inserts, Side Mounting
- 18 No. 4-40 Threaded inserts, Side Mounting (All series except 340 & 368)
- 58 Card Guides, .468" Offset (305, 306, 307, 345, 346)
- 68 Card Guides, .344" Offset (305, 306, 307)
- 78 Card Guides, In-Line (305, 306, 307, 345, 346)
- 377 Variation 01, Contacts on odd numbered side/lettered side
- 378 Variation 01, Contacts staggered 1, 4, 5, 8 etc./1, B, 3, D etc.
- 379 Variation 01, Contacts staggered 2, 3, 6, 7 etc./A, 2, C, 4 etc.
- 380 Variation 02, Contacts on odd numbered side/lettered side
- 381 Variation 02, Contacts staggered 1, 4, 5, 8 etc./1, B, 3, D etc.
- 382 Variation 02, Contacts staggered 2, 3, 6, 7 etc./A, 2, C, 4 etc.
- 383 Variation 03, Contacts on odd numbered side/lettered side
- 384 Variation 04, Contacts on odd numbered side/lettered side
- 385 Variation 08, Contacts on odd numbered side/lettered side
- 386 Variation 03, Contacts staggered 1, 4, 5, 8 etc./1, B, 3, D etc.
- 387 Variation 04, Contacts staggered 1, 4, 5, 8 etc./1, B, 3, D etc.
- 388 Variation 08, Contacts staggered 1, 4, 5, 8 etc./1, B, 3, D etc.
- 389 Variation 03, Contacts staggered 2, 3, 6, 7 etc./A, 2, C, 4 etc.
- 390 Variation 04, Contacts staggered 2, 3, 6, 7 etc./A, 2, C, 4 etc.
- 391 Variation 08, Contacts staggered 2, 3, 6, 7 etc./A, 2, C, 4 etc.

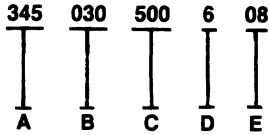
NOTES On 345 series, variation codes 377 to 391 apply to Flush Mounting Only. For 345 series Offset Mounting, contact factory. For 317 series Contact Numbering, consult literature. Card Guides are available for series 308, 317, and 338, but are supplied loose with bushing and variation 04 with .156" Mounting Holes for field assembly.

MANUFACTURERS' ORDERING KEYS

EDAC02

EDAC

EXAMPLE



A. SERIES

345 D.A.P.
395 Phenolic

B. NUMBER OF CONTACTS

SINGLE		DUAL	
5	10	31	62
6	12	32	64
8	16	33	66
10	20	35	70
12	24	36	72
13	26	37	74
14	28	38	76
15	30	40	80
16	32	41	82
17	34	43	86
18	36	*44	*88
19	38	48	96
20	40	49	98
22	44	50	100
24	48	51	102
25	50	60	120
28	56	61	122
30	60	65	130

* Alkyd only

C. CONTACT CODE

CODE	DESCRIPTION	PIN LENGTH‡
500	Solder Hole .025"x.050" .635 x 1.27mm	.260" 6.60mm
520	P.C. Tab .025" Square .635mm Square	.175" 3.45mm
521	P.C. Tab .025" Square .635mm Square	.150" 3.81mm
523	P.C. Tab .025" Square .635mm Square	.390" 9.91mm
524	P.C. Tab .018" Square .457mm Square	.175" 3.45mm
527	P.C. Tab .018" x .030".457 x .762mm	.175" 3.45mm
540	Wire Wrap .025" Square .635mm Square	.560" 14.22mm
541	Wire Wrap .025" Square .635mm Square	.750" 19.05mm
542	Wire Wrap .025" Square .635mm Square	.645" 16.38mm

‡ Tolerance ±.02" (.51mm)

D. READOUT AND INSULATOR STYLE

1	Single Readout Flush Mounting
2	Dual Readout Flush Mounting
4	Single Readout, .110" Offset Mounting
5	Dual Readout, .110" Offset Mounting
6	Single Readout, .170" Offset Mounting
8	Dual Readout, .170" Offset Mounting

E. MOUNTING VARIATION

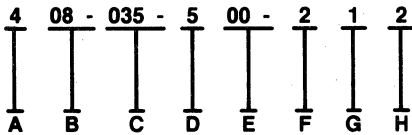
CODE	DESCRIPTION
01	No Mounting Lugs
02	.128" dia. Mounting Holes
03	.116" I.D. Floating Eyelets
04	.156" dia. Mounting Holes
07	Threaded Inserts
08	Threaded Inserts, No. 4-40
58	Card Guides, Offset .468"
78	Card Guides, In-line

MANUFACTURERS' ORDERING KEYS

EDAC03

EDAC

EXAMPLE



A. METAL TO METAL

B. SERIES

- 08 RECEPTACLE - With or without Card Guides
- 15 RECEPTACLE - With or without Card Guides
- 17 PLUG - With or without Center Guides
- 18 RECEPTACLE - With or without Center Guides
- 21 PLUG - .128" Mounting Holes
- 22 PLUG - No Mounting Holes
- 23 PLUG - Guide Pins (Military)
- 24 RECEPTACLE - Open-ended Insulators (Military)
- 38 RECEPTACLE - Open-ended Insulators

C. NUMBER OF CONTACTS

D. PLATING

- 5 - Gold, as per literature normally 10-20 Microinches
- 6 - 30 Microinches Gold
- 8 - 100 Microinches Gold
- 9 - 50 Microinches Gold

E. TYPES OF TERMINATION

- 00-09 - Solder Hole
- 20-29 - P.C. Tab
- 40-49 - Wire wrap

F. CARD GUIDES

- 1 - No Card Guides
- 2 - Card Guides
- 4 - End Guide
- 5 - Center Guide

G. CARD SLOT

- 0 - No Card Slot
- 1 - 1/16" Card Slot
- 2 - 3/32" Card Slot

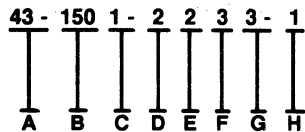
H. MOUNTING

- 0 - No Mounting Lugs
- 1 - .078" Mounting Hole
- 2 - .128" Mounting Hole

EMSB03

ELECTRONIC MODULAR SYSTEMS LTD

EXAMPLE



A. SERIES

Expanded C Series

B. NUMBER OF CONTACTS

120, 150, 210, 270

C. CODING

- 1 = WITHOUT CODING
- 2 = WITH CODING

D. TYPE CONTACT

- 2 = COMPLIANT PIN

E. POST LENGTH

- 2 = .512 (2 Level W/W)
- 4 = .699 (3 Level W/W)

F. PLATING-CONTACT AREA

- 1 = TIN (Bright Solder)
- 2 = 5 Microin. Gold
- 3 = 15 Microin. Gold (STD)
- 4 = 30 Microin. Gold
- 5 = 50 Microin. Gold
- 8 = Special

G. PLATING-POST AREA

- 1 = TIN (Bright Solder)
- 2 = 5 Microin. Gold
- 3 = 15 Microin. Gold
- 4 = 30 Microin. Gold
- 5 = 50 Microin. Gold
- 8 = SPECIAL

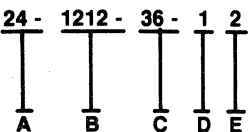
H. ROW LOADING

- 1 = A, B, C
- 2 = A, C
- 3 = A, B
- 4 = B, C

EMSB04

ELECTRONIC MODULAR SYSTEMS LTD

EXAMPLE



A. SERIES

- DEC Compatible
- Card-Edge
- Connector Series

B. SPACING

.125 x .125 in. only

C. NUMBER OF CONTACTS

Dual 18 or 36

D. END CONFIGURATION

- 1 = Closed Ends
- 2 = Slotted Ends

E. PLATING

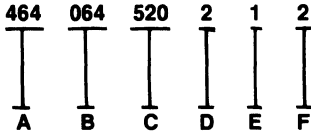
- 1 = 30μ in./Bright Solder
- 2 = 30μ in./Au Flash
- 8 = SPECIAL

MANUFACTURERS' ORDERING KEYS

EDAC04

EDAC

EXAMPLE



A. SERIES

B. NUMBER OF CONTACTS

POSITIONS CODE	POSITIONS PER ROW
008	4
016	8
024	12
032	16
040	20
048	24
056	28
064	32

D. CONTACT LOADING

CODE	ROWS WITH CONTACTS
1	A
2	A B
3	A B C
4	B
5	C
6	A C
7	B C

C. CONTACT CODE

CODE	FINISH DESCRIPTION	PIN LENGTH:
78 microns (30 microinches) Gold inlay on CA725 (Standard)		
220	P.C. Tab Tin/lead dip tails	2.50mm .098"
221	P.C. Tab Tin/lead dip tails	4.00mm .157"
260	Tin/lead dip on contact tails	
500	Short Solder Hole, Standard	5.50mm .217"
501	Long Solder Hole, Standard	10.00mm .394"
502	Mixed Solder Hole, Standard	5.50mm .217"
Long tails on row 'B'		
520	P.C. Tab, Standard	2.50mm .098"
521	P.C. Tab, Standard	4.00mm .157"
540	Wire Wrap, Standard	13.00mm .512"
560	Standard (No Tin Dip)	

E. CONTACT SPACING

CODE	DESCRIPTION
1	2.54mm(.100") Rows fully loaded
2	5.08mm(.200") Even numbered positions
3	5.08mm(.200") Odd numbered positions
4	5.08mm(.200") Staggered, Type A1
5	5.08mm(.200") Staggered, Type A2

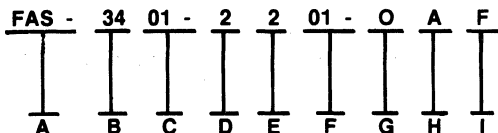
F. MOUNTING OPTIONS

- 2 2.80mm(.110")dia. Through mounting holes

YEI02

YAMAICHI ELECTRONICS, INC.

EXAMPLE



A. SOCKET

B. NUMBER OF CONTACTS

10, 16, 20, 26, 30, 34, 40, 50, 60, 64

C. SERIES NUMBER

D. KEY STYLE

- "1" - Without Positive Key
- "2" - With Positive Key

E. PRESSURE COVER STYLE

- "1" - Open end pressure cover
- "2" - Closed end pressure cover

F. TYPE OF STRAIN RELIEF

- "00" - Without Strain Relief
- "01" - Side Cable out-let
(Similar FAS-17 series)
- "02" - Center cable out-let (Daisy chain style strain relief) (under planning)

G. MATING CABLE

- "0" - AWG 28-30 cable gage
- "1" - AWG 24-26 cable gage

H. CONTACT AREA PLATING SPEC.

- "A" - Gold 0.76 micron min. (30 μ in)
- "B" - Gold 0.3-0.5 micron (12-20 μ in)
- "S" - Tin 2-4 micron (79-157 μ in)

I. CABLE CRIMP PART PLATING SPEC.

- "F" - Gold Flash over Nickel 2.5-4.5 micron (98-177 μ in)
- "S" - Tin 2-4 micron (79-157 μ in)
(available only if contact is tin plated)

MANUFACTURERS' ORDERING KEYS

EFB10

ELFAB INTERCONNECTION INNOVATORS

EXAMPLE

SPH0100

LS	026	PC	2
A	B	C	D

A. MATING CONNECTOR

LS: For use without latch & eject mechanism
 LL: For use with mating connectors having strain-relief feature.
 SL: For use with mating connectors without strain-relief feature.

B. NUMBER OF CONTACTS

No. Contacts
 10
 16
 20
 26
 34
 40
 50

C. MFR. IDENTIFICATION NUMBER

D. MFR. IDENTIFICATION NUMBER

ASM05

ASSMANN ELECTRONIC GmbH

EXAMPLE

AW2.51 - 0 2 15 2 51

A	B	C	D	E	F

A. ARTICLE NUMBER

AW2.51

B. MOUNTING TYPE

0 = With Standard Drilled Mounting Flange
 1 = Without Drilled Mounting Flange
 2 = With Drilled Mounting flange (Offset)

C. READOUT

0 = Row A only
 1 = Row B only
 2 = Rows A and B

D. CONTACTS PER ROW

7, 10, 13, 15, 18, 19, 20, 22, 23, 25, 31, 37

E. TERMINATION TYPE

1 = Wire Wrap Posts
 2 = Dip Solder Pins
 3 = Hand Solder Pins

F. PLATING

S1 = Gold Plating

WCH07

WINCHESTER ELECTRONICS

EXAMPLE

HW P 30 C 0 - 111

A	B	C	D	E	F

A. SERIES CODE

Series HW

B. POLARIZATION BETWEEN CONTACTS

* For HWPC Series Only.

C. NUMBER OF CONTACT PAIRS

HWC - 22, 25, 30, 35,
 36, 43, 48, 50
 HWD - 28, 30, 31, 40,
 49, 50
 HWPC - 20, 25, 30, 36,
 40, 43, 50

D. GRID PATTERN

C = .100" x .200"
 D = .125" x .250"

E. TYPE OF MOUNTING

111 = .000015 Gold Over Nickel
 (For Standard Mounting)
 112 = .000030 Gold Over Nickel
 113 = .000050 Gold Over Nickel

F. CONTACT PLATING

0 = .128" Dia. Clearance Holes
 (For Standard Mounting)
 2 = #4-40 Threaded Insert (Molded In)
 (For Standard Mounting)
 *4 = .128" Dia. Clearance Holes
 (For Flush Mounting)
 *5 = #4-40 Threaded Insert (Molded In)
 (For Flush Mounting)

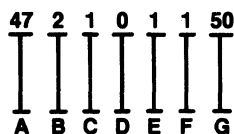
* For HWPC Series Only

MANUFACTURERS' ORDERING KEYS

EFB04

ELFAB INTERCONNECTION INNOVATORS

EXAMPLE



- A. SERIES**
Tele Pac
- B. GENDER**
2 - Male
3 - Female
- C. TYPE**
0 - solder tail
1 - press fit
- D. MODE**
0 - standard
1 - filtered
- E. TAIL LENGTH**
1 - .245

F. PLATING CODE

CODE	TAIL	OVERALL	CONTACT
0	nickel	nickel	20 μ in. gold
1	nickel	nickel	30 μ in gold

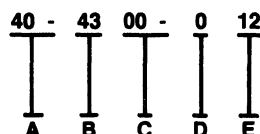
¹⁵⁰/₂₀₀ μ in. nickel undercoat on all contacts
*Other platings available. Consult factory.

- G. TOTAL CONTACTS**
50

EFB01

ELFAB INTERCONNECTION INNOVATORS

EXAMPLE



- A. SERIES**
Discrete Connector
- B. PRODUCT**
4 Row Box Pac (Male)
- C. END STYLE**
0 - Flush End Cap
1 - Flush End Cap with 4 Power Pins
2 - Flush End Cap with 8 Power Pins
3 - Key and Mount End Cap
4 - Key and Mount End Cap with 4 Power Pins
5 - Key and Mount End Cap with 8 Power Pins

D. CONTACT TAIL LENGTH

- 0 - .188 0 wrap press-fit
- 1 - .518 2 wrap press-fit
- 2 - .715 3 wrap press-fit
- 3 - .188 flow solder tail

E. STANDARD CONTACT PLATING AVAILABLE

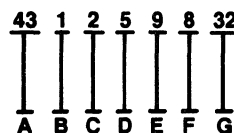
- 0 - 30 μ " Gold Contact, 100 μ " min. Tin Tail
Over 50-150 μ " Nickel
- 1 - 30 μ " Gold Contact, 30 μ " Gold Tail over 50-150 μ " Nickel

- F. NUMBER OF SIGNAL PINS IN ONE ROW**
(10 through 80)

EFB03

ELFAB INTERCONNECTION INNOVATORS

EXAMPLE



- A. SERIES**
DIN Inverse
- B. GENDER**
Male/Female

- C. TYPE**
0 - solder tail
1 - press fit
2 - right angle
- D. ROWS LOADED**
0 - all
4 - A and B
5 - A and C
6 - B and C
- E. TAIL LENGTH**
0 - .188
2 - .518
4 - .635
5 - .715

F. PLATING CODE

CODE	TAIL	OVERALL	CONTACT
0	5 μ in. gold	5 μ in. gold	20 μ in. gold
1	5 μ in. gold	5 μ in. gold	30 μ in gold
4	30 μ in. gold	5 μ in. gold	30 μ in. gold
8	¹⁵⁰ / ₂₀₀ μ in. bright tin	nickel	20 μ in. gold
9	¹⁵⁰ / ₂₀₀ μ in. bright tin	nickel	30 μ in. gold

¹⁵⁰/₂₀₀ μ in. nickel undercoat on all contacts
*Other platings available. Consult factory.

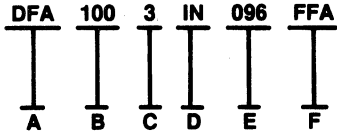
- G. NUMBER OF CONTACTS IN ONE ROW**
32

MANUFACTURERS' ORDERING KEYS

EFB07

ELFAB INTERCONNECTION INNOVATORS

EXAMPLE



A. MFR IDENTIFICATION CODE

B. MFR IDENTIFICATION CODE

C. NUMBER OF ROWS LOADED
NUMBER OF ROWS LOADED

D. MFR IDENTIFICATION CODE

E. NUMBER OF CONTACTS
ACTUAL NO. CONTACTS LOADED IN CONNECTOR

F. PLATING REQUIREMENTS

AREA 1
AREA 2
AREA 3

Z = TIN
EACH ALPHANUMERIC EQUALS
5 MILLION THS GOLD OVER BASE NICKEL
A = 5μ IN GOLD
B = 10μ IN GOLD
C = 15μ IN GOLD
D = ETC.

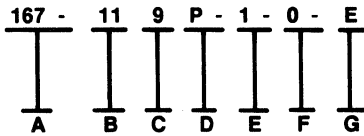
Specify	Area 1	Area 2	Area 3
ZZD	Tin	Tin	
AAD	Gold 5 μin	Gold 5 μin	Gold 20 μin
DAD	Gold 20 μin	Gold 5 μin	

Base plating: 50/150 μin nickel. Per QQ-N-290
Optional plating over base:
Tin, per Mil-I-1027, Type I
Gold, per Mil-G-45204, Type I

WCH12

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE
Series 167
(Shielded)

B. GRID PATTERN
11 = .109" x .112"

C. NUMBER OF CONTACTS
9, 15, 25, 37

D. CONTACT TYPE
S = Socket
P = Pin

E. CONTACT TAIL LENGTH
1 = .125" (for .062" P.C. Board)
2 = .160" (for .093" & .125" P.C. Board)

F. MOUNTING OPTIONS

0 = .125" Dia. Thru-Hole
1 = #4-40 UNC Latches
2 = M3 Latches
3 = #4-40 UNC Standoffs
4 = #2-56 UNC Standoffs
5 = #4-40 UNC Inserts
6 = #2-56 UNC Inserts

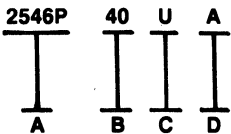
G. CONTACT PLATING

E .000015 Au On Mating End,
Tin On Remainder
D .000030 Au On Mating End,
Tin On Remainder
J .0001 - .0002 Sn On Entire Contact

LEOC07

LEOCO CORPORATION

EXAMPLE



A. LEOCO PART NUMBER
Mfr. Identification Code

B. NUMBER OF CONTACTS
2-40

C. PLATING

T = Tin-plated
U = .000005" Gold
X = .000010" Gold
Y = .000020" Gold
Z = .000030" Gold

D. CONTACT LENGTH

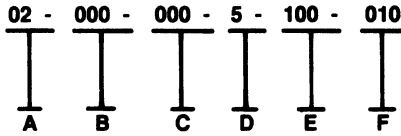
A = A Version: Dim. C = 5.86mm
B = B Version: Dim. C = 7.26mm

MANUFACTURERS' ORDERING KEYS

ELO08







ELCO CORPORATION

EXAMPLE



- A. SERIES**
02
- B. NUMBER OF CONTACTS**
2 (002) to 51 (051)
- C. MANUFACTURERS CODE**
- D. MANUFACTURERS CODE**

- E. MANUFACTURERS CODE**
- F. VARIATION CODE**

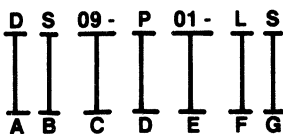
VARIATION CODE NO.	CONTACT PART NO.	SILHOUETTE
1/16" Thick Card		
010	60 7001 05 13	
	60 7001 15 13	
012	60 7001 05 19*	
	60 7001 15 19*	
3/32" Thick Card		
011	60 7001 05 23	
	60 7001 15 23	

*Nickel silver contacts.

EBY02

EBY COMPANY

EXAMPLE



A. SERIES

B. FAMILY

- S - Thermoplastic Insulators & Cadmium Plated Metal Shells
- T - Thermoplastic Insulators & Tin Plated Metal Shells

C. NO. OF CONTACTS

09, 15, 25, 37 & ■ 50

D. CONTACT TYPE

- P - Pin (male)
- S - Socket (female)

E. CONTACT STYLE AND LENGTHS

01 - Solder Cup

F. STAMPED AND FORMED CONTACTS

G. MOUNTING TYPES

- S - .120 Dia. Mounting Holes
- K - .154 Dia. Mounting Holes
- J - Threaded Spacer, Front Mounting
- E - Threaded Spacer, Rear Mounting
- F - Floating Bushing, Front Mounting
- R - Floating Bushing, Rear Mounting

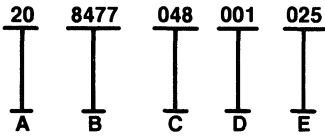
□ Note: These items are not standard distributor items.

MANUFACTURERS' ORDERING KEYS

ELO30

ELCO CORPORATION

EXAMPLE



A. PREFIX

20 - Receptacle

B. SERIES

Inverted VG/DIN, Style R & Expanded

C. NUMBER OF CONTACT CAVITY POSITIONS

NO. CONTACT POSITIONS	CONTACT ROWS
048	3 (3 x 16)
096	3 (3 x 32)
150	3 (3 x 50)
201	3 (3 x 67)
064	2 (2 x 32)

D. CONTACT DESIGNATION CODE

CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y	CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y
002		Right angle P.C. contact .025 sq. terminal	.114	004		P.C. contact right angle .025 sq. terminal	Row A = .511 Row B = .334 Row C = .136
006		Right angle P.C. contact .012 x .031	.114				

E. VARIATION CODE

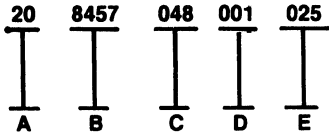
PLATING DESCRIPTION								
Mating Area	32 Gold	20 Gold	10 Gold	32 Gold	20 Gold	10 Gold		
Terminal Area	Gold Flash	Gold Flash	Gold Flash	80/200 Tin/Lead	80/200 Tin/Lead	80/200 Tin/Lead		
VARIATION CODE NUMBERS							CONTACT LOADING POSITIONS	
097	085	073	025	013	001	Fully loaded, .100 grid		
098	086	074	026	014	002	Row a + c fully loaded, .100 x .200 grid		
099	087	075	027	015	003	Row a fully loaded, .100 grid		
100	088	076	028	016	004	Row b fully loaded, .100 grid		
101	089	077	029	017	005	Row a + b fully loaded, .100 grid		
102	090	078	030	018	006	Row b + c fully loaded, .100 grid		
103	091	079	031	019	007	Row a + b all even numbers, .100 x .200 grid		
104	092	080	032	020	008	Row a + b all uneven numbers, .100 x .200 grid		
105	093	081	033	021	009	Row a + c all even numbers, .200 grid		
106	094	082	034	022	010	Row a + c all uneven numbers, .200 grid		
107	095	083	035	023	011	Row a + c all even numbers, row b all uneven numbers		
108	096	084	036	024	012	Row a + c all uneven numbers, row b all even numbers		

MANUFACTURERS' ORDERING KEYS

ELO28

ELCO CORPORATION

EXAMPLE



A. PREFIX

20 - Receptacle

B. SERIES

Standard VG/DIN, Style C & Expanded

C. NUMBER OF CONTACT CAVITY POSITIONS

NO. CONTACT POSITIONS	CONTACT ROWS
048	3 (3 x 16)
096	3 (3 x 32)
150	3 (3 x 50)
201	3 (3 x 67)

D. CONTACT DESIGNATION CODE

CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y
001		P.C. contact .025 sq. terminal	.157
002			.098
003		P.C. contact .012 x .031 terminal	.157
004			.098
005		Straight wire wrap	.512
006		.025 sq. terminal	.677

CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y
007		P.C. contact right angle, long for 2 wire wraps .025 sq. terminal	Row A = .378 Row B = .189 Row C = .142
009		Solder Eyelet	Row A = .217 Row B = .315 Row C = .217

E. VARIATION CODE

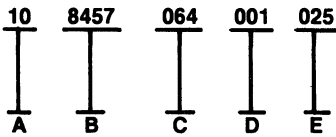
PLATING DESCRIPTION							CONTACT LOADING POSITIONS
Mating Area	32 Gold	20 Gold	10 Gold	32 Gold	20 Gold	10 Gold	
Terminal Area	Gold Flash	Gold Flash	Gold Flash	80/200 Tin/Lead	80/200 Tin/Lead	80/200 Tin/Lead	
VARIATION CODE NUMBERS							
097	085	073	025	013	001	Fully loaded, .100 grid	
098	086	074	026	014	002	Row a + c fully loaded, .100 x .200 grid	
099	087	075	027	015	003	Row a fully loaded, .100 grid	
100	088	076	028	016	004	Row b fully loaded, .100 grid	
101	089	077	029	017	005	Row a + b fully loaded, .100 grid	
102	090	078	030	018	006	Row b + c fully loaded, .100 grid	
103	091	079	031	019	007	Row a + b all even numbers, .100 x .200 grid	
104	092	080	032	020	008	Row a + b all uneven numbers, .100 x .200 grid	
105	093	081	033	021	009	Row a + c all even numbers, .200 grid	
106	094	082	034	022	010	Row a + c all uneven numbers, .200 grid	
107	095	083	035	023	011	Row a + c all even numbers, row b all uneven numbers	
108	096	084	036	024	012	Row a + c all uneven numbers, row b all even numbers	

MANUFACTURERS' ORDERING KEYS

ELO25

ELCO CORPORATION

EXAMPLE



A. PREFIX

10 Header

B. SERIES

Standard VG/DIN, style B

C. NUMBER OF CONTACT CAVITY POSITIONS

NO. CONTACT POSITIONS	CONTACT ROWS
064	2 (2 x 32)
032	2 (2 x 16)

D. CONTACT DESIGNATION CODE

CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y		DESCRIPTION	TERMINAL LENGTH = Y	
001		P.C. contact .025 sq. terminal	.134	004		P.C. contact right angled for 2 wire wraps. .025 sq. terminal	445
002		P.C. contact right angled, short .025 sq. terminal	.114	006		Solder Eyelet	.303
△102							
003		Straight wire wrapping .025 sq. terminal	.512				

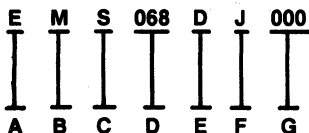
E. VARIATION

PLATING DESCRIPTION							CONTACT LOADING POSITIONS								
Mating Area	32 Gold	24 Gold	16 Gold	32 Gold	24 Gold	16 Gold									
Terminal Area	10 Gold	Gold Flash	Gold Flash	80/200 Tin/Lead	80/200 Tin/Lead	80/200 Tin/Lead									
VARIATION CODE NUMBERS															
	109	097	085	037	025	013									Fully loaded, .100 grid
	111	099	087	039	027	015									Row a fully loaded, .100 grid
	112	100	088	040	028	016									Row b fully loaded, .100 grid
	115	103	091	043	031	019									Row a - b all even numbers, .100 x 200 grid
	116	104	092	044	032	020									Row a - b all uneven numbers, .100 x 200 grid

HCD01

HUGHES AIRCRAFT COMPANY

EXAMPLE



A. SERIES

Printed Circuit

B. CONTACT SPACING

M for .100 Centers
R for .156 Centers

C. STANDARD

D. NUMBER OF PLACES

15 36
18 43
22 48
30 68

E. DOUBLE SIDED

F. JACPIN TERMINATION

G. INSERT STYLE & CONTACT PLATING

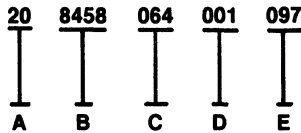
000 for metal insert with .127 dia thru hole.
001 for metal insert with 4-40 Thread.
006 for floating bushing with .127 dia. thru hole.

MANUFACTURERS' ORDERING KEYS

ELO35

ELCO CORPORATION

EXAMPLE



A. PREFIX

- 23 — ORDERING CODE — WITHOUT EARS/WITH KEYING
- 22 — ORDERING CODE — WITH EARS AND KEYING
- 21 — ORDERING CODE — WITHOUT EARS
- 20

B. SERIES

Compliant press-fit VG/DIN, style B with flange — code 20

C. NUMBER OF CONTACT CAVITY POSITIONS

NO. CONTACT POSITIONS	CONTACT ROWS
064	2 (2 x 32)

D. CONTACT DESIGNATION CODE

CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y	CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y
001		P.C. contact .025 sq. terminal	.208	004		Wire wrap .025 sq. terminal	.913
002		P.C. contact .025 sq. terminal	.366				
003		Wire wrap .025 sq. terminal	.638				

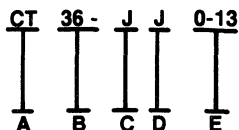
E. VARIATION CODE

PLATING DESCRIPTION						
Mating Area	32 Gold	20 Gold	10 Gold	32 Gold	20 Gold	10 Gold
Terminal Area	Gold Flash	Gold Flash	Gold Flash	80/200 Tin/Lead	80/200 Tin/Lead	80/200 Tin/Lead
VARIATION CODE NUMBERS						CONTACT LOADING POSITIONS
097	085	073	025	013	001	Fully loaded, .100 grid
099	087	075	027	015	003	Row a fully loaded, .100 grid
100	088	076	028	016	004	Row b fully loaded, .100 grid
103	091	079	031	019	007	Row a + b all even numbers, .100 x .200 grid
104	092	080	032	020	008	Row a + b all uneven numbers, .100 x .200 grid

EBY08

EBY COMPANY

EXAMPLE



A. SERIES

B. NO. OF DUAL POSITIONS

6, 10, 15, 18, 22, 28, 36

C. CONTACT TERMINATIONS AND LENGTHS

- A - Solderless Wrap—Straight (.25 Tail Length Min.)
- B - Solderless Wrap—Straight (.56 Tail Length Min.)
- D - Solderless Wrap—Straight (.75 Tail Length Min.)
- J - Solderless Wrap—Right Angle

D. MOUNTING TYPES

- J - .128 Dia. Clearance Holes
- L - .128 I.D. Floating Bushings

E. CONTACT MATERIAL AND FINISH

13 - CA #725 - .000030" Selective Gold* over Nickel

*Selective Gold is on the male/female engaging area.

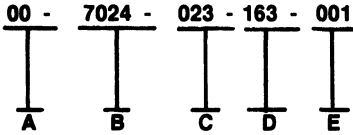
Note: These items are not standard distributor items.

MANUFACTURERS' ORDERING KEYS

ELO12









ELCO CORPORATION

EXAMPLE



- A. PREFIX**
00 - Complete Connection Code
- B. SERIES**
Mfr. Identification Code
- C. NUMBER OF CONTACTS**
017, 023, 029, 035, 041

D. CONTACT CODE

- 141—60 7001 06 33 
P.C. Termination for 1/4" Card
- 146—60 7001 13 13 
.078" Base Taper Tab
- 156—60 7001 18 13 
Wire wrapping (.026 x .062 x .600")
- 158—60 7001 18 33 
Wire wrapping w/Wire Hole (.026 x .062 x .600")
- 163—60 7001 19 13 
.098" Base Taper Tab w/Wire Hole
- 165—60 7001 20 13 
Forked Tail Solder Termination for Bus Line Connector
(.056 x .125" Slot)
- 166—60 7001 20 23 
Dual Solder Termination for 2 Wires or Bus Line
(.056 x .125" Slot)
- 189—60 7004 02 13 
Conventional Solder Termination for 3 Wires

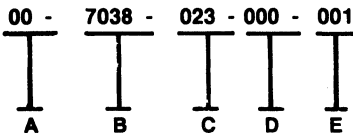
E. VARIATION CODE

- 001—1/16" Thick Card
002—3/32" Thick Card
110—1/8" Thick Card
111—3/32" Thick Card } For Conformance to MIL-C-21097B

ELO13









ELCO CORPORATION

EXAMPLE



- A. PREFIX**
00 - Complete Connection Code
- B. SERIES**
Mfr. Identification Code
- C. NUMBER OF CONTACTS**
017, 023, 029, 035, 041, 047

D. CONTACT CODE

- 216—60 8017 04 13 
.078 Taper Tab
- 217—60 8017 05 13 
Wire Hole
- 218—60 8017 06 13 
Solderless Wrap Tail — .025" x .050" x .567"
- 750—60 8017 06 23 
Solderless Wrap Tail — .025" x .050" x .760"
- 296—60 8017 06 33 
Solderless Wrap Tail — .025" x .025" x .580"
- 504—60 8017 06 63 
Solderless Wrap Tail — .025" x .025" x .170"
- *000—60 8017 03 13 
Wire Crimp Tail (Contacts Loose)
18-26 AWG
- *000—60 8017 03 23 
Wire Crimp Tail (Contacts on a Reel)
18-26 AWG

E. VARIATION CODE

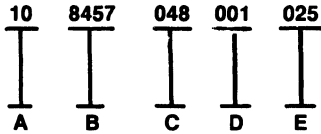
- 001—1/16" Thick Card
002—3/32" Thick Card
110—1/8" Thick Card
111—3/32" Thick Card } For Conformance to MIL-C-21097B

MANUFACTURERS' ORDERING KEYS

ELO27

ELCO CORPORATION

EXAMPLE



A. PREFIX

10 - Header

B. SERIES

Standard VG/DIN, Style C & Expanded

C. NUMBER OF CONTACT CAVITY POSITIONS

NO. CONTACT POSITIONS	CONTACT ROWS
048	3 (3 x 16)
096	3 (3 x 32)
150	3 (3 x 50)
201	3 (3 x 67)

D. CONTACT DESIGNATION CODE

CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y
001		P.C. contact .025 sq. terminal	.134
002		P.C. contact, right angled, short .025 sq. terminal	.114
△ 102			
003		Straight wire wrapping .025 sq. terminal	.512

CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y
004		P.C. contact right angled long for 2 wire wrap levels .025 sq. terminal	.445
006		Solder eyelet	Row A & C = .303 Row B = .395
007			Row A & C = .250 Row B = .358

E. VARIATION CODE

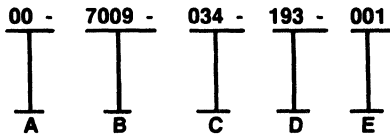
PLATING DESCRIPTION						
Mating Area	32 Gold	24 Gold	16 Gold	32 Gold	24 Gold	16 Gold
Terminal Area	10 Gold	Gold Flash	Gold Flash	80/200 Tin/Lead	80/200 Tin/Lead	80/200 Tin/Lead
VARIATION CODE NUMBERS				CONTACT LOADING POSITIONS		
109	097	085	037	025	013	Fully loaded, .100 grid
110	098	086	038	026	014	Row a + c fully loaded, .100 x .200 grid
111	099	087	039	027	015	Row a fully loaded, .100 grid
112	100	088	040	028	016	Row b fully loaded, .100 grid
113	101	089	041	029	017	Row a + b fully loaded, .100 grid
114	102	090	042	030	018	Row b - c fully loaded, .100 grid
115	103	091	043	031	019	Row a - b all even numbers, .100 x .200 grid
116	104	092	044	032	020	Row a - b all uneven numbers, .100 x .200 grid
117	105	093	045	033	021	Row a - c all even numbers, .200 grid
118	106	094	046	034	022	Row a + c all uneven numbers, .200 grid
119	107	095	047	035	023	Row a - c all even numbers, row b all uneven numbers
120	108	096	048	036	024	Row a - c all uneven numbers, row b all even numbers

MANUFACTURERS' ORDERING KEYS

ELO04

ELCO CORPORATION

EXAMPLE



- A. PREFIX**
00 - Complete Connection Assembly
- B. SERIES**
Manufacturer Identification Code

C. NUMBER OF CONTACTS

034, 040

D. CONTACT CODE

193-60 7009 02 13
VARITWIN-PIN™ Contact

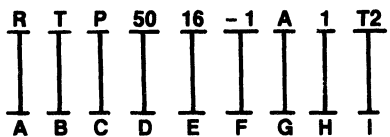
E. VARIATION CODE

CODE NO.	CARD SLOT	CARD GUIDES
001	1/6	Yes
002		No

MRC05

MIDLAND ROSS ELECTRONIC CONNECTOR DIVISION

EXAMPLE



- A. CONTACT PLATING**
Mating zone (area)
R - .000030 in.
(.000762mm) gold
- B. CONTACT PLATING (Termination)**
Termination zone (area)
T - Tin/lead
C - Gold flash (Wirewrap only)
- C. TYPE**
P - Pin, header (Right angle tails)
R - Receptacle, socket (Straight tails)
- D. PRODUCT SERIES**
50 - 3 row insulator
96 contacts max.
51 - 2 row insulator
64 contacts max.
- E. NUMBER OF CONTACTS**
16, 32, 48, 64, 96
- F. CONTACT LOADING ARRANGEMENT**
1 - row a
2 - row b
3 - row c
4 - rows a & b
5 - rows a & c
6 - rows b & c
7 - rows a, b & c

G. CONTACT POSITIONS

- A - All contact positions filled
.100 in. (2.54mm)
B - Every other contact position
filled .200 in. (5.08mm)

H. PREMATING HEADER PINS

- 1 - Premating pins
2 - None (not available
on socket)

I. CONTACT TERMINATION STYLE

HEADER-RIGHT ANGLE TAIL

TERMINATION STYLE	FLOW SOLDER	WIRE WRAP
DESIGNATION	L1	W1
TAIL LENGTH	.102 in (2.60 mm)	.512 in (13.00 mm)

RECEPTACLE-STRAIGHT TAIL

TERMINATION STYLE	FLOW SOLDER	WIRE WRAP
DESIGNATION	T2	W1
TAIL LENGTH	.157 in (4.00 mm)	.512 in (13.00 mm)

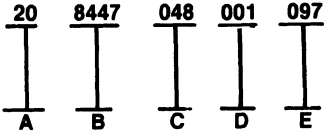
SOLDER EYELETS for hand soldering. In order to convert wire wrap tails to solder tab, simply push the solder eyelet contact onto the wire wrap tail and solder in the usual way.
Part number: SE1119

MANUFACTURERS' ORDERING KEYS

ELO40

ELCO CORPORATION

EXAMPLE



A. PREFIX
20 - Receptacle

B. SERIES
Standard VG/DIN, style E

C. NUMBER OF CONTACT CAVITY POSITIONS

NO. CONTACT POSITIONS	CONTACT ROWS
048	3 (3 x 16)

D. CONTACT DESIGNATION CODE

CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y
001		Wire wrap .040 sq. terminal	.787

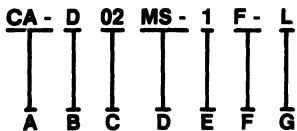
E. VARIATION CODE

PLATING DESCRIPTION							
Mating Area	32 Gold	20 Gold	10 Gold	32 Gold	20 Gold	10 Gold	
Terminal Area	Gold Flash	Gold Flash	Gold Flash	80/200 Tin/Lead	80/200 Tin/Lead	80/200 Tin/Lead	
VARIATION CODE NUMBERS							CONTACT LOADING POSITIONS
097	085	073	025	013	001	Fully loaded, .200 grid	
098	086	074	026	014	002	Row a + e fully loaded, .200 x .400 grid	
099	087	075	027	015	003	Row a fully loaded, .200 grid	
100	088	076	028	016	004	Row c fully loaded, .200 grid	
101	089	077	029	017	005	Row a + c fully loaded, .200 grid	
102	090	078	030	018	006	Row c + e fully loaded, .200 grid	
103	091	079	031	019	007	Row a + c all even numbers, .200 x .400 grid	
104	092	080	032	020	008	Row a + c all uneven numbers, .200 x .400 grid	
105	093	081	033	021	009	Row a + e all even numbers, .400 grid	
106	094	082	034	022	010	Row a + e all uneven numbers, .400 grid	
107	095	083	035	023	011	Row a + e all even numbers, row c all uneven numbers	
108	096	084	036	024	012	Row a + e all uneven numbers, row c all even numbers	

CAC30

CIRCUIT ASSEMBLY CORP.

EXAMPLE



- A. CONNECTOR FAMILY**
B. DUAL ROW STRIP
C. NUMBER OF CONTACT POSITIONS
02 THRU 64
D. SCREW MACHINE CONTACT SOCKET
E. TAIL TYPE
 1 = SOLDER TAIL .114 (2.90)
 2W = 2 LEVEL WRAP TAIL .39 (9.9)
 3W = 3 LEVEL WRAP TAIL .51 (13.0)

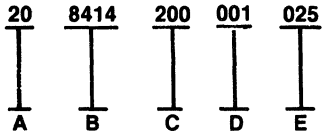
- F. PLATING**
 F = CONTACT FINGERS: .000030 (.00076)
 GOLD
 SLEEVE: .000200 (.00508) TIN
 UNDERPLATE: .000075 (.00190) NICKEL
G. LOW INSERTION FORCE

MANUFACTURERS' ORDERING KEYS

ELO32

ELCO CORPORATION

EXAMPLE



A. PREFIX
20 - Receptacle

B. SERIES
Expanded Standard Din Type 4 Row

C. NUMBER OF CONTACT CAVITY POSITIONS

NO. CONTACT POSITIONS	*CONTACT ROWS
200	4 (4 x 50)

*Consult factory for other numbers of contact cavity positions.

D. CONTACT DESIGNATION CODE

CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y
001		P.C. contact .025 sq. terminal	.157
002		Straight wire wrapping — .025 sq. terminal	.512
003		Straight wire wrapping — .025 sq. terminal	.677

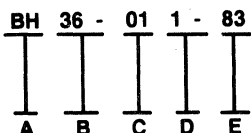
E. VARIATION CODE

PLATING DESCRIPTION						
Mating Area	32 Gold	20 Gold	10 Gold	32 Gold	20 Gold	10 Gold
Terminal Area	Gold Flash	Gold Flash	Gold Flash	80/200 Tin/Lead	80/200 Tin/Lead	80/200 Tin/Lead
VARIATION CODE NUMBERS						CONTACT LOADING POSITIONS
097	085	073	025	013	001	Fully loaded, 100 grid
098	086	074	026	014	002	Row a + c fully loaded, .100 x .200 grid
099	087	075	027	015	003	Row a fully loaded, .100 grid
101	089	077	029	017	005	Row a + b fully loaded, .100 grid

EBY19

EBY COMPANY

EXAMPLE



A. SERIES

B. NUMBER OF POSITIONS
02 thru 36

C. CONTACT TERMINATION
01 — .008 x .027 x .115 Length
(0.20 x 0.69 x 2.92)

D. CONTACT MATERIAL

1 - Phosphor Bronze

E. CONTACT FINISH

■ 43 - Tin-Lead plate over Nickel
83 - .00003" Selective Gold*,
Tin-Lead on tail, over Nickel

*Selective Gold is on the male female engaging area.

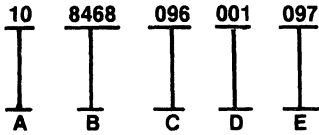
Note: These items are not standard distributor items.

MANUFACTURERS' ORDERING KEYS

ELO42

ELCO CORPORATION

EXAMPLE



A. PREFIX

10 - Header

B. SERIES

Compliant Press-fit Telecommunication Pin

C. NUMBER OF CONTACT CAVITY POSITIONS

NO. CONTACT POSITIONS	CONTACT ROWS
096	3 (3 x 32)

D. CONTACT DESIGNATION CODE

CODE NO.	DESCRIPTION	TERMINAL LENGTH = Y
001	P.C. contact .025 sq. terminal	.155
△101		
002	Wire wrap .025 sq. terminal	.230
△102		
003	Wire wrap .025 sq. terminal	.660
△103		

CODE NO.	DESCRIPTION	TERMINAL LENGTH = Y
004	Wire wrap .025 sq. terminal	.810

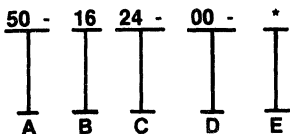
E. VARIATION CODE

PLATING DESCRIPTION						
Mating Area	32 Gold	24 Gold	16 Gold	32 Gold	24 Gold	16 Gold
Terminal Area	10 Gold	Gold Flash	Gold Flash	80/200 Tin/Lead	80/200 Tin/Lead	80/200 Tin/Lead
VARIATION CODE NUMBERS				CONTACT LOADING POSITIONS		
109	097	085	037	025	013	Fully loaded, .100 grid
110	098	086	038	026	014	Row a + c fully loaded, .100 x .200 grid
111	099	087	039	027	015	Row a fully loaded, .100 grid
112	100	088	040	028	016	Row b fully loaded, .100 grid
113	101	089	041	029	017	Row a + b fully loaded, .100 grid
114	102	090	042	030	018	Row b + c fully loaded, .100 grid
115	103	091	043	031	019	Row a + b all even numbers, .100 x .200 grid
116	104	092	044	032	020	Row a + b all uneven numbers, .100 x .200 grid
117	105	093	045	033	021	Row a + c all even numbers, .200 grid
118	106	094	046	034	022	Row a + c all uneven numbers, .200 grid
119	107	095	047	035	023	Row a + c all even numbers, row b all uneven numbers
120	108	096	048	036	024	Row a + c all uneven numbers, row b all even numbers

WCH26

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series 50

B. GRID PATTERN

16 = .100" x .600"

C. NUMBER OF CONTACTS

24

D. CABLE STOP

00 = Without Cable Stop
10 = With Cable Stop

E. CONTACT PLATING

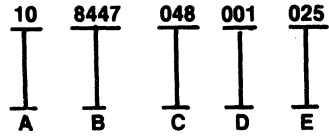
Consult Sales Dept.
For Options

MANUFACTURERS' ORDERING KEYS

ELO39

ELCO CORPORATION

EXAMPLE



A. PREFIX

10 - Header

B. SERIES

Standard VG/DIN, style E

C. NUMBER OF CONTACT CAVITY POSITIONS

NO. CONTACT POSITIONS	CONTACT ROWS
048	3 (3 x 16)

D. CONTACT DESIGNATION CODE

CODE NO.	DESCRIPTION	TERMINAL LENGTH = Y
001	P.C. contact right angle (.200 x .200 grid .025 sq. terminal)	.114

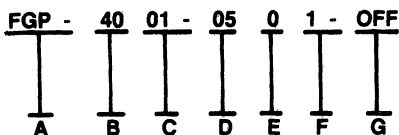
E. VARIATION CODE

PLATING DESCRIPTION						
Mating Area	32 Gold	24 Gold	16 Gold	32 Gold	24 Gold	16 Gold
Terminal Area	10 Gold	Gold Flash	Gold Flash	80/200 Tin/Lead	80/200 Tin/Lead	80/200 Tin/Lead
VARIATION CODE NUMBERS				CONTACT LOADING POSITIONS		
109	087	085	037	025	013	Fully loaded, .200 grid
110	098	086	038	026	014	Row a + e fully loaded, .200 x .400 grid
111	099	087	039	027	015	Row a fully loaded, .200 grid
112	100	088	040	028	016	Row c fully loaded, .200 grid
113	101	089	041	029	017	Row a + c fully loaded, .200 grid
114	102	090	042	030	018	Row c + e fully loaded, .200 grid
115	103	091	043	031	019	Row a + c all even numbers, .200 x .400 grid
116	104	092	044	032	020	Row a + c all uneven numbers, .200 x .400 grid
117	105	093	045	033	021	Row a + e all even numbers, .400 grid
118	106	094	046	034	022	Row a + e all uneven numbers, .400 grid
119	107	095	047	035	023	Row a + e all even numbers, row c all uneven numbers
120	108	096	048	036	024	Row a + e all uneven numbers, row c all even numbers

YE11

YAMAICHI ELECTRONICS, INC.

EXAMPLE



A. SERIES

B. NUMBER OF TERMINALS

10, 16, 20, 26, 30
34, 40, 50, 60, 64

C. PITCH

D. SERIES

E. STRAIN RELIEF

"0" - Without strain relief
"1" - With strain relief*

*Under Planning

F. TERMINAL LENGTH

C"1" - 3.4 mm (0.13 inch)
"2" - 5.1 mm (0.20 inch)

G. CONTACT PLATING

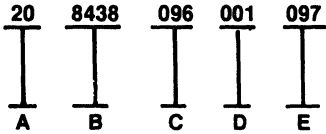
"OSS" - Tin over Nickel
"OFF" - Gold over Nickel

MANUFACTURERS' ORDERING KEYS

ELO38

ELCO CORPORATION

EXAMPLE



A. PREFIX

20 - Receptacle

B. SERIES

Compliant Press-fit VG/DIN, style C without flange

C. NUMBER OF CONTACT CAVITY POSITIONS

NO. CONTACT POSITIONS	CONTACT ROWS
096	3 (3 x 32)

D. CONTACT DESIGNATION CODE

CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y
001		P.C. contact .025 sq. terminal	.208
002		P.C. contact .025 sq. terminal	.366
003		Wire wrap .025 sq. terminal	.638

CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y
004		Wire wrap .025 sq. terminal	.913

E. VARIATION CODE

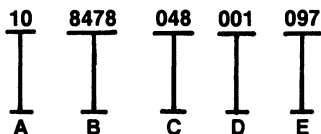
PLATING DESCRIPTION							
Mating Area	32 Gold	20 Gold	10 Gold	32 Gold	20 Gold	10 Gold	
Terminal Area	Gold Flash	Gold Flash	Gold Flash	80/200 Tin/Lead	80/200 Tin/Lead	80/200 Tin/Lead	
VARIATION CODE NUMBERS							CONTACT LOADING POSITIONS
097	085	073	025	013	001	Fully loaded, .100 grid	
098	086	074	026	014	002	Row a + c fully loaded, .100 x .200 grid	
099	087	075	027	015	003	Row a fully loaded, .100 grid	
100	088	076	028	016	004	Row b fully loaded, .100 grid	
101	089	077	029	017	005	Row a + b fully loaded, .100 grid	
102	090	078	030	018	006	Row b + c fully loaded, .100 grid	
103	091	079	031	019	007	Row a + b all even numbers, .100 x .200 grid	
104	092	080	032	020	008	Row a + b all uneven numbers, .100 x .200 grid	
105	093	081	033	021	009	Row a + c all even numbers, .200 grid	
106	094	082	034	022	010	Row a + c all uneven numbers, .200 grid	
107	095	083	035	023	011	Row a + c all even numbers, row b all uneven numbers	
108	096	084	036	024	012	Row a + c all uneven numbers, row b all even numbers	

MANUFACTURERS' ORDERING KEYS

ELO41

ELCO CORPORATION

EXAMPLE



A. PREFIX

10 - Header

B. SERIES

Compliant press-fit inverted VG/DIN, Standard & Expanded, style R

C. NUMBER OF CONTACT CAVITY POSITIONS

NO. CONTACT POSITIONS	CONTACT ROWS
048	3 (3 x 16)
096	3 (3 x 32)
150	3 (3 x 50)
201	3 (3 x 67)

D. CONTACT DESIGNATION CODE

CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y	CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y
001		P.C. contact .025 sq. terminal	.155	004		Wire wrap .025 sq. terminal	.810
△101							
002		Wire wrap .025 sq. terminal	.230				
△102							
003		Wire wrap .025 sq. terminal	.660				
△103							

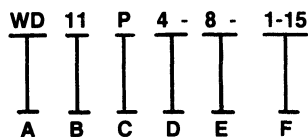
E. VARIATION CODE

PLATING DESCRIPTION							VARIATION CODE NUMBERS							CONTACT LOADING POSITIONS	
Mating Area	32 Gold	24 Gold	16 Gold	32 Gold	24 Gold	16 Gold	109	097	085	037	025	013	Fully loaded, .100 grid		
Terminal Area	10 Gold	Gold Flash	Gold Flash	80/200 Tin/Lead	80/200 Tin/Lead	80/200 Tin/Lead	110	098	086	038	026	014	Row a + c fully loaded, .100 x .200 grid		
							111	099	087	039	027	015	Row a fully loaded, .100 grid		
							112	100	088	040	028	016	Row b fully loaded, .100 grid		
							113	101	089	041	029	017	Row a + b fully loaded, .100 grid		
							114	102	090	042	030	018	Row b + c fully loaded, .100 grid		
							115	103	091	043	031	019	Row a + b all even numbers, .100 x .200 grid		
							116	104	092	044	032	020	Row a + b all uneven numbers, .100 x .200 grid		
							117	105	093	045	033	021	Row a - c all even numbers, .200 grid		
							118	106	094	046	034	022	Row a - c all uneven numbers, .200 grid		
							119	107	095	047	035	023	Row a - c all even numbers, row b all uneven numbers		
							120	108	096	048	036	024	Row a - c all uneven numbers, row b all even numbers		

WCH41

WINCHESTER ELECTRONICS

EXAMPLE



A. INSERT SERIES CODE (WD)

B. NUMBER OF CONTACTS 11 or 22

C. PLUG CONTACTS

D. SOLDER PIN LENGTHS

4, 5, 6, 7, 8, 10, 12 (equal in 64ths)

E. CONTACT POLARIZATION DESIRED

Insert -8. Specify position(s) with dash number(s) in Step F. Omit Steps E and F if polarization not desired.

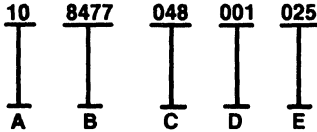
F. CONTACT POLARIZATION LOCATION(S)

MANUFACTURERS' ORDERING KEYS

ELO29

ELCO CORPORATION

EXAMPLE



A. PREFIX

10 - Header

B. SERIES

Inverted VG/DIN, Style R & Expanded

C. NUMBER OF CONTACT CAVITY POSITIONS

NO. CONTACT POSITIONS	CONTACT ROWS
048	3 (3 x 16)
096	3 (3 x 32)
150	3 (3 x 50)
201	3 (3 x 67)
064	2 (2 x 32)

D. CONTACT DESIGNATION CODE

CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y
001		P.C. contact .025 sq. terminal	098
△ 101		P.C. contact .025 sq. terminal	.157
002		P.C. contact .025 sq. terminal	.157
△ 102		P.C. contact .025 sq. terminal	.157
006		Wire wrap .025 sq. terminal	.512
△ 106		Wire wrap .025 sq. terminal	.512

CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y
010		Solder eyelet	Row A = .295 Row B = .402 Row C = .295

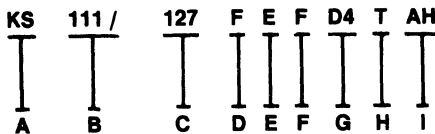
E. VARIATION CODE

PLATING DESCRIPTION						
Mating Area	32 Gold	24 Gold	16 Gold	32 Gold	24 Gold	16 Gold
Terminal Area	10 Gold	Gold Flash	Gold Flash	80/200 Tin/Lead	80/200 Tin/Lead	80/200 Tin/Lead
VARIATION CODE NUMBERS						
CONTACT LOADING POSITIONS						
109	097	085	037	025	013	Fully loaded, .100 grid
110	098	086	038	026	014	Row a + c fully loaded, .100 x .200 grid
111	099	087	039	027	015	Row a fully loaded, .100 grid
112	100	088	040	028	016	Row b fully loaded, .100 grid
113	101	089	041	029	017	Row a + b fully loaded, .100 grid
114	102	090	042	030	018	Row b + c fully loaded, .100 grid
115	103	091	043	031	019	Row a - b all even numbers, .100 x .200 grid
116	104	092	044	032	020	Row a - b all uneven numbers, .100 x .200 grid
117	105	093	045	033	021	Row a - c all even numbers, .200 grid
118	106	094	046	034	022	Row a - c all uneven numbers, .200 grid
119	107	095	047	035	023	Row a - c all even numbers, row b all uneven numbers
120	108	096	048	036	024	Row a - c all uneven numbers, row b all even numbers

HPT09

HYPERTRONICS CORPORATION

EXAMPLE



A. SERIES

KS

B. NO. OF CONTACTS

111,135

C. SPACING

127 = 1.27mm (.050")

D. NO. OF ROWS

F = 6 rows

E. INSULATOR

E = receptacle (see tails for dimensions)

P = plus (see tails for dimensions)

F. CONTACT

F = female

M = male

G. TAIL

Tail Designation	Board Spacing ^D	Tail Length ^E	Stacking Ability
Females:			
D1 =	465 (11.81)	133 (3.38)	no- last board
D2 =	465 (11.81)	325 (8.26)	yes- 125 (3.18) board
D3 =	500 (12.70)	133 (3.38)	no- last board
D4 =	400 (10.16)	325 (8.26)	yes- 125 (3.18) board
D5 =	450 (11.43)	133 (3.38)	no- last board
D6 =	494 (12.57)	325 (8.26)	yes- 125 (3.18) board
D7 =	450 (11.43)	325 (8.26)	yes- 125 (3.18) board
Males:			
D4 =	740 (18.80)	325 (8.26)	yes- 125 (3.18) board

H. DELIMITER

TAH = Nickel + gold flash (socket bodies)

+ 50μ in gold (mating surface) (female)

I. PLATING

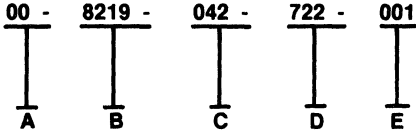
TH = Nickel + 50μ in gold (male)

MANUFACTURERS' ORDERING KEYS

ELO01

ELCO CORPORATION

EXAMPLE



- A. PREFIX**
00 - Complete Connection Assembly
- B. SERIES**
Manufacturer Identification Code
- C. NUMBER OF CONTACTS**
018, 030, 036, 042, 054, 072
- D. CONTACT CODE**

FOR VARIATION = 001 & = 011

CODE NO.	CONTACT TYPE	"X" DIM.
722	Wire hole tail	.187
721	P.C. solder tail	.250
736	P.C. solder tail	.281
737	P.C. solder tail	.562
753	P.C. solder tail	.125
771	P.C. solder tail	.484

FOR VARIATION = 002 & = 012

CODE NO.	CONTACT TYPE
000	P.C. solder tails formed
722	Wire hole tail unformed

FOR VARIATION = 005 & = 015

CODE NO.	CONTACT TYPE	"Y" DIM.
722	Wire hole tail	.157
721	P.C. solder tail	.219
736	P.C. solder tail	.250
737	P.C. solder tail	.531
753	P.C. solder tail	.093
771	P.C. solder tail	.453

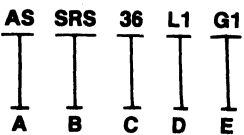
E. VARIATION CODE

WITHOUT KEYING	001 - Receptacle
	002 - Plug, perpendicular board mounting
	005 - Plug, parallel board mounting
WITH KEYING (PIN)	011 - Receptacle
	012 - Plug, perpendicular board mounting
	015 - Plug, parallel board mounting
WITH KEYING (HOLE)	021 - Receptacle
	022 - Plug, perpendicular board mounting
	025 - Plug, parallel board mounting

ASL09

A & STEVENSON, INC.

EXAMPLE



- A. MANUFACTURER'S IDENTIFICATION**
- B. SERIES**
SRS - Single Row Straight
SRR - Single Row Right Angle
- C. NUMBER OF PINS**
01 thru 36
- D. CONTACT LENGTH**
(For Straight Only)
L1 - 11.4mm (0.44")
L2 - 14.2mm (0.56")
L3 - 16mm (0.63")
L4 - 17.8mm (0.70")
L5 - 20mm (0.79")
L6 - 28mm (1.10")
(For Right Angle Only)
R1 - 7.6mm (0.30")

E. CONTACT PLATING

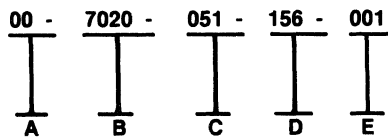
- T1 - Tin
7.620 μm (0.000300")
- G1 - Gold over Nickel
0.127 μm (0.000005") over 1.27 μm (0.000050")
- G2 - Gold over Nickel
0.254 μm (0.000010") over 1.27 μm (0.000050")
- G3 - Gold over Nickel
0.508 μm (0.000020") over 1.27 μm (0.000050")

MANUFACTURERS' ORDERING KEYS

ELO06

ELCO CORPORATION

EXAMPLE



A. PREFIX

00 - Complete Connection Code









B. SERIES

Mfr. Identification Code

C. NUMBER OF CONTACTS

051

D. CONTACT CODE

- 141—60 7001 06 33  P.C. Termination for 1/4" Card
- 146—60 7001 13 13  .078" Base Taper Tab
- 156—60 7001 18 13  Wire wrapping (.026 x .062 x .600")
- 158—60 7001 18 33  Wire wrapping w/Wire Hole (.026 x .062 x .600")
- 163—60 7001 19 13  .098" Base Taper Tab w/Wire Hole
- 165—60 7001 20 13  Forked Tail Solder Termination for Bus Line Connection (.056 x .125" Slot)
- 166—60 7001 20 23  Dual Solder Termination for 2 Wires or Bus Line (.056 x .125" Slot)
- 189—60 7004 02 13  Conventional Solder Termination for 3 Wires

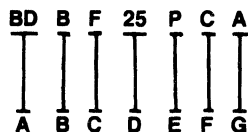
E. VARIATION CODE

001—For 1/16" Thick Card with Guides.

VER01

VERNITRON CORPORATION

EXAMPLE



A. SERIES

AED= Alpha-D series

BD= Beta-D series

BED= Beta-D economy series

GD= Gamma-D series

SED= Sigma-D series

TED= Theta-D series

ZD= Zeta-D series

B. SHELL SIZE

E = 9

A = 15

B = 25

C = 37

D = 50

C. MOUNTING

Leave blank for standard mounting.

F=Float mounting

D. NO. OF CONTACTS

9

15

25

37

50

E. CONTACT TYPE

P = Pin (male)

S = Socket (female)

F. CONTACT TAILS

Leave blank for solder pot.

U = Straight PC

F179A = Wire wrap

C = Right angle PC

G. MODIFIERS

AS= Support bracket with screws

A= Support bracket with rivets

FS= Plastic L-bracket with screws

FSM= Metal L-bracket with screws

FRM= Metal L-bracket with rivets

FC= Flat cable IDC connector

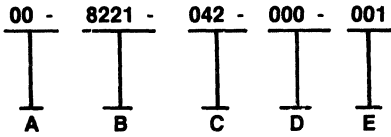
Z= EMI/RFI filtered connector

MANUFACTURERS' ORDERING KEYS

ELO02

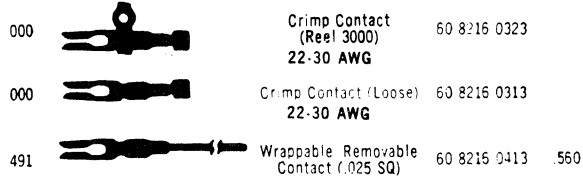
ELCO CORPORATION

EXAMPLE



- A. PREFIX
00 - Complete Connection Assembly
- B. SERIES
Mfr. Identification Code
- C. NUMBER OF CONTACTS
(018; 030; 036; 042; 054; 072)

D. CONTACT CODE



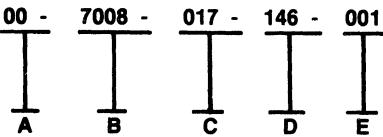
E. VARIATION CODE

KEYING		TYPE
WITHOUT KEYING PIN	WITH KEYING PIN	
001	011	Receptacle
002	012	Plug, perpendicular board mounting
005	015	Plug, parallel board mounting
003	013	Receptacle with small clamp assy.
004	014	Plug (Var 005) with small clamp assy.
006	016	Receptacle with large clamp assy.
007	017	Plug (Var 005) with large clamp assy.
008	018	Receptacle with self locking tie
009	019	Plug (Var 005) with self locking tie

ELO03

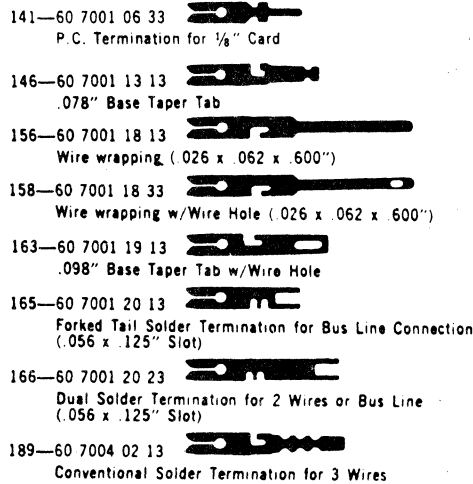
ELCO CORPORATION

EXAMPLE



- A. PREFIX
00 - Complete Connection Assembly
- B. SERIES
Mfr. Identification Code
- C. NUMBER OF CONTACTS
(017, 023, 029, 035, 041, 047)

D. CONTACT CODE



E. VARIATION CODE

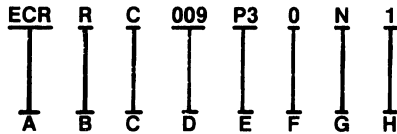
CARD SLOT	CARD GUIDES	CODE
1/16	YES	001
	NO	002
3/32	YES	003
	NO	004

MANUFACTURERS' ORDERING KEYS

ELO17

ELCO CORPORATION

EXAMPLE



A. SERIES

ECR

B. INSULATOR MATERIAL

R = Ryton
RS = Ryton with Silicone

C. METAL SHELL FINISH

C = Cadmium/Yellow Chromate

D. NUMBER OF CONTACTS

009, 015, 021, 025, 031 & 037 - 2 Row
051 only - 3 row

E. CONTACT TYPE

P3 = Pin (30 microinches gold)
S3 = Socket (30 microinches gold)

F. HARDWARE

0 = None
7 = Jackpost ass'y.

G. POLARIZATION

N = Normal

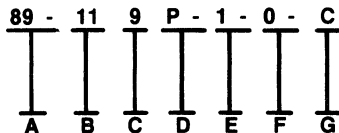
H. TERMINATION TYPE

1 = Rt. Angle - Tin .100 (2,54)
staggered grid - 25 Awg.
(Tail length is .125" (3, 17) standard)

WCH19

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series 89

B. GRID PATTERN

11 = .109" x .112"

C. NUMBER OF CONTACTS

9, 15, 25, 37

D. INSULATOR

S = Socket
P = Pin

E. LATCH OPTIONS

1 = Without Latches
2 = With Latches

F. BUSHING THREAD SIZE

0 = No Bushing
1 = #4-40 UNC
2 = #2-56 UNC*

* Available only on versions
without latches.

G. PLATING

C - .000030 Au selective plating over .000050
Ni on contact area. Au Flash on C-
section.

D - .000030 Au selective plating over .000050
Ni on contact area. Bright Solder on C-
section.

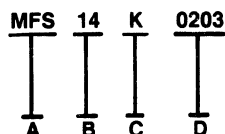
GOLD FLASH - .000002 to .000005 gold.

BRIGHT SOLDER - .000050 to .000100
bright solder.

YE109

YAMAICHI ELECTRONICS, INC.

EXAMPLE



A. SERIES

B. NUMBER OF CONTACTS

14, 24, 36, 50, 64

C. MANUFACTURERS CODE

D. TYPE

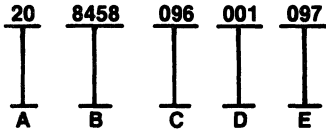
0203 - Wire Wrapping Type
0213 - Wire Wrapping Type with Spring Lock
0304 - 180° Solder Dip Type
0314 - 180° Solder Dip Type with Spring Lock
0302 - 90° Solder Dip Type
0312 - 90° Solder Dip Type with Spring Lock

MANUFACTURERS' ORDERING KEYS

ELO36

ELCO CORPORATION

EXAMPLE



A. PREFIX

- 23 — ORDERING CODE — WITHOUT EARS/WITH KEYING
- 22 — ORDERING CODE — WITH EARS AND KEYING
- 21 — ORDERING CODE — WITHOUT EARS
- 20

B. SERIES

Compliant press-fit VG/DIN, style C with flange — code 20

C. NUMBER OF CONTACT CAVITY POSITIONS

NO. CONTACT POSITIONS	CONTACT ROWS
048	3 (3 x 16)
096	3 (3 x 32)

D. CONTACT DESIGNATION CODE

CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y	CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y
001		P.C. contact .025 sq. terminal	.208	004		Wire wrap .025 sq. terminal	.913
002		P.C. contact .025 sq. terminal	.366				
003		Wire wrap .025 sq. terminal	.638				

E. VARIATION CODE

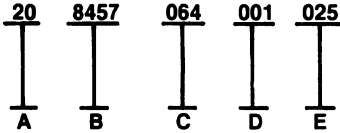
PLATING DESCRIPTION							CONTACT LOADING POSITIONS
Mating Area	32 Gold	20 Gold	10 Gold	32 Gold	20 Gold	10 Gold	
Terminal Area	Gold Flash	Gold Flash	Gold Flash	80/200 Tin/Lead	80/200 Tin/Lead	80/200 Tin/Lead	
VARIATION CODE NUMBERS							
097	085	073	025	013	001	Fully loaded, .100 grid	
098	086	074	026	014	002	Row a + c fully loaded, .100 x .200 grid	
099	087	075	027	015	003	Row a fully loaded, .100 grid	
100	088	076	028	016	004	Row b fully loaded, .100 grid	
101	089	077	029	017	005	Row a + b fully loaded, .100 grid	
102	090	078	030	018	006	Row b + c fully loaded, .100 grid	
103	091	079	031	019	007	Row a + b all even numbers, .100 x .200 grid	
104	092	080	032	020	008	Row a + b all uneven numbers, .100 x .200 grid	
105	093	081	033	021	009	Row a + c all even numbers, .200 grid	
106	094	082	034	022	010	Row a + c all uneven numbers, .200 grid	
107	095	083	035	023	011	Row a + c all even numbers, row b all uneven numbers	
108	096	084	036	024	012	Row a + c all uneven numbers, row b all even numbers	

MANUFACTURERS' ORDERING KEYS

ELO26

ELCO CORPORATION

EXAMPLE



A. PREFIX
20-Receptacle

B. SERIES
Standard VG/DIN, Style B

C. NUMBER OF CONTACT CAVITY POSITIONS

NO. CONTACT POSITIONS	CONTACT ROWS
064	2 (2 x 32)
032	2 (2 x 16)

D. CONTACT DESIGNATION CODE

CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y	CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y
001		P.C. contact .025 sq. terminal	.157	007		P.C. contact right angle .025 sq. terminal	Row A = .378
002			.098				Row B = .189
003		P.C. contact .012 x .031 terminal	.157	009		Solder Eyelet	217
004			.098				
005		Straight wire wrapping .025 sq terminal	.512				
006			.677				

E. VARIATION CODE

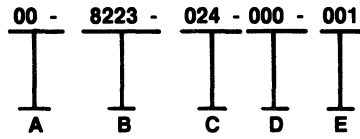
PLATING DESCRIPTION													
Mating Area	32 Gold	20 Gold	10 Gold	32 Gold	20 Gold	10 Gold							
Terminal Area	Gold Flash	Gold Flash	Gold Flash	80/200 Tin/Lead	80/200 Tin/Lead	80/200 Tin/Lead							
VARIATION CODE NUMBERS							CONTACT LOADING POSITIONS						
097	085	073	025	013	001	Fully loaded, .100 grid							
099	087	075	027	015	003	Row a fully loaded, .100 grid							
100	088	076	028	016	004	Row b fully loaded, .100 grid							
103	091	079	031	019	007	Row a + b all even numbers, .100 x .200 grid							
104	092	080	032	020	008	Row a + b all uneven numbers, .100 x .200 grid							

MANUFACTURERS' ORDERING KEYS

ELO16

ELCO CORPORATION

EXAMPLE



- A. PREFIX**
00 - Complete Connection Code
- B. SERIES**
Mfr. Identification Code
- C. NUMBER OF CONTACTS**
024, 048, 072, 096

- D. CONTACT CODE**
Use three digit code number when contacts are to be factory installed. If contacts are to be supplied loose, or contact tails to be formed, use three zeros (000) in contact code section. Note that the wire crimp tail contacts can only be ordered as separate items by part no's.

CODE	PROFILE	DESCRIPTION	PART NO.	H DIM	BOARD THK	FIG.
000		Coined Tail Formed 90° after install'g. (Max. 0236 Diag.)	60 8223 0223 60 8223 0213		.080 .062	1
000		Coined Tail Formed 90° after install'g. (Max. 0236 Diag.)	60 8223 0243 60 8223 0253	.093		1
000		Coined Tail Formed 90° after install'g. (Max. 0236 Diag.)	60 8223 0263 60 8223 0273	.125		1
473		P.C. Tail Coined (Max. 0236 Diag.)	60 8223 0233	.400		2
519		P.C. Tail Coined (Max. 0236 Diag.)	60 8223 0213	.279		2
520		P.C. Tailed Coined (Max. 0236 Diag.)	60 8223 0223	.479		2
558		P.C. Tail Coined (Max. 0236 Diag.)	60 8223 0243	.309		2
559		P.C. Tail Coined (Max. 0236 Diag.)	60 8223 0253	.509		2
560		P.C. Tail Coined (Max. 0236 Diag.)	60 8223 0263	.341		2
561		P.C. Tail Coined (Max. 0236 Diag.)	60 8223 0273	.541		2
722		Wire Hole Tail (.032 x .050)	60 8200 1613	.162		3
721		P.C. Tail .020 SQ	60 8200 1623	.228		4
736		P.C. Tail .020 SQ	60 8200 1633	.259		4
737		P.C. Tail .020 SQ	60 8200 1643	.541		4
753		P.C. Tail .020 SQ	60 8200 1653	.103		4
771		P.C. Tail .020 SQ	60 8200 1663	.462		4
000		Crimp Contact (Reel 3000) 22-30 AWG	60 8216 0323			5
000		Crimp Contact (Loose) 22-30 AWG	60 8216 0313			5
491		Wrappable/Removable Contact (.025 SQ)	60 8216 0413	.560		6

E. VARIATION CODE

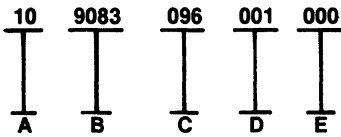
MODULATOR TYPE	VARIATION	CONTACT STYLE	COVER	BRACKET	ACCESSORIES		REFER TO		BOARD THICKNESS						
					WIRE PINS/SOCKETS (2)	THREADED	PAGE	FIG.							
MALE (EXPOSED CONTACTS)	001	FORMED CONTACT TERMINAL			KEYING	LOCKING	LOG./EYE.	33	1	080/2.03 042/1.57					
	002	P.C. COINED TERMINAL	YES	YES	YES	YES	YES	YES	YES	YES					
											WIRE HOLE TERMINAL	YES	YES	33	2
											P.C. STRAIGHT TERMINAL	YES	YES	33	4
	003	CRIMP CONTACT	YES	YES	YES	YES	YES	YES	YES	YES					
											WRAPPABLE/REMOVABLE	YES	YES	33	5
	004	FORMED CONTACT TERMINAL	YES								33	6			
	006	FORMED CONTACT TERMINAL	YES								33	1	093/2.36 125/3.17		
	006	SIMILAR TO 001					YES				35	7			
	007	SIMILAR TO 001						YES			35	8			
	008	SIMILAR TO 002						YES			35	7			
	010	SIMILAR TO 002		YES		YES					35	9			
	011	SIMILAR TO 002		YES		YES					35	10			
	012	SIMILAR TO 002		YES		YES		YES			35	11			
	013	SIMILAR TO 002		YES		YES					35	12			
	014	SIMILAR TO 002		YES		YES					35	13			
	015	SIMILAR TO 002		YES		YES		YES			35	14			
	016	SIMILAR TO 004						YES			35	7			
	017	SIMILAR TO 004						YES			35	8			
018	SIMILAR TO 006						YES			35	7				
019	SIMILAR TO 006						YES			35	8				
FEMALE (RECESSED CONTACTS)	901	FORMED CONTACT TERMINAL										080/2.03 042/1.57			
	902	P.C. COINED TERMINAL	YES	YES	YES	YES	YES	YES	YES	YES					
											WIRE HOLE TERMINAL	YES	YES	33	2
											P.C. STRAIGHT TERMINAL	YES	YES	33	4
	903	CRIMP CONTACT	YES	YES	YES	YES	YES	YES	YES	YES					
											WRAPPABLE/REMOVABLE	YES	YES	33	5
	904	FORMED CONTACT TERMINAL	YES								33	1	093/2.36 125/3.17		
	905	FORMED CONTACT TERMINAL	YES								33	1			
	906	SIMILAR TO 901					YES				35	15			
	908	SIMILAR TO 902						YES			35	15			
	909	SIMILAR TO 902						YES			35	16			
	N/A														
918	SIMILAR TO 904						YES			35	15				
917	SIMILAR TO 904						YES			35	16				
918	SIMILAR TO 905						YES			35	15				
919	SIMILAR TO 905						YES			35	16				

MANUFACTURERS' ORDERING KEYS

ELO21

ELCO CORPORATION

EXAMPLE



A. CONNECTOR TYPE

20 - Receptacle

B. SERIES

Mfr. Identification Code

C. NUMBER OF POSITIONS

96-423

D. CONTACT DESIGNATION CODE

CODE NO.		DESCRIPTION	TERMINAL LENGTH "y"
001		PC Contact .030 x .011	.180

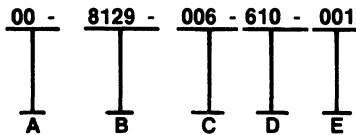
E. VARIATION CODE

PLATING DESCRIPTION **		
Mating Area	30 Gold	30 Gold
Terminal Area	75/175 Tin/Lead	Gold Flash
VARIATION CODE NUMBERS		INSULATOR STYLE
000	001	No guide
010	011	Single guide
020	021	Double guide

ELO14

ELCO CORPORATION

EXAMPLE



A. PREFIX

00 - Complete Connection Code

B. SERIES

Mfr. Identification Code

C. NUMBER OF CONTACTS

006, 009, 010, 012, 015

D. CONTACT CODE

Use with Variant 001 or 005

610-60 8106 02 43

Use with Variant 002 or 006

603-60 8101 02 23

612-60 8106 03 23

Use with Variant 003 or 007

603-60 8101 02 23

605-60 8101 04 13

610-60 8106 02 43

612-60 8106 03 23

Use with Variant 004 or 008

605-60 8101 04 13

610-60 8106 02 43

E. VARIATION CODE

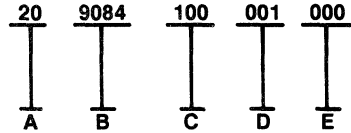
WITHOUT KEYING	001—with side mounting brackets for recessed or flush mounting to the edge of the p.c. card (contact tails are formed).
	002—with upright mounting brackets.
	003—without mounting brackets.
	004—with side mounting brackets for recessed or flush mounting to the edge of the p.c. card (contact tails are not formed).
WITH KEYING	005—with side mounting brackets for recessed or flush mounting to the edge of the p.c. card (contact tails are not formed).
	006—with upright mounting brackets.
	007—without mounting brackets.
	008—with side mounting brackets for recessed or flush mounting to the edge of the p.c. card (contact tails are formed).

MANUFACTURERS' ORDERING KEYS

ELO23

ELCO CORPORATION

EXAMPLE



A. CONNECTOR TYPE
20 - Receptacle

B. SERIES
Mfr. Identification Code

C. NUMBER OF POSITIONS
100-684

D. CONTACT DESIGNATION CODE

CODE NO.		DESCRIPTION	TERMINAL LENGTH
001		PC Contact 030 x .011	.180

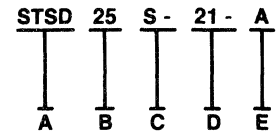
E. VARIATION CODE

PLATING DESCRIPTION **		
Mating Area	30 Gold	30 Gold
Terminal Area	75/175 Tin/Lead	Gold Flash
VARIATION CODE NUMBERS		INSULATOR STYLE
000	001	No guide
010	011	Single guide
020	021	Double guide

MBC3

MIDDLEBURG CORPORATION

EXAMPLE



NOTE: Omit Steps Not Required.

A. SERIES
Step 1
RASD = R/A
D-Sub connector
with plastic insulator
STSD = STRAIGHT
D-Sub connector
with LOW PROFILE
plastic insulator
ISSD = STRAIGHT
D-Sub connector
with INTEGRAL SHOULDER
plastic insulator (snap latch)

B. NO. OF CONTACTS
Step 2
9, 15, 25, 37, 50

C. CONTACT DESIGNATIONS
Step 3
P = Pin (Plug)
S = Socket (Receptacle)

NOTE:
CONTACT TAIL CONFIGURATIONS.
RASD-R/A TAIL-STANDARD.
No designation required.
STSD LOW INSERTION FORCE
ISSD COMPLIANT TAIL - STANDARD.
No designation required.
Consult Sales for other styles.

D. HARDWARE

- 01 -.120 Diameter Hole
- 02 -4-40 Thread Insert (Flush)
- 03 -4-40 Thread X .250 Hex Insert Standoff*
- 04 -4-40 Thread X .250 Hex. Standoff Set*
- 05 -4-40 Thread X .170 Dia. Insert Standoff*

*These Items Conform to EIA-RS232-C Standard.

- 11 -GRDG. TAB/4-40 Flush Insert**
- 12 -GRDG. TAB/4-40 Hex Insert**
- 13 -GRDG. TAB/4-40 RD. Insert**
- 14 -GRDG. TAB/4-40 RD. Insert (Nickel Plated)**

WITH METAL FACE

- 20 = Metal Face with Grdg. Tab.
.120 Dia. Through Hole**
- 21 = 11 + Metal Face**
- 22 = 12 + Metal Face**
- 23 = 13 + Metal Face**

**For use with RASD ONLY.

Note: Hardware plating for Metal Face is Tin.

DUST COVERS

Dust covers fit both male and female D-Subminiature connectors. Made of pliable polyethylene, they are available in sizes 9, 15 and 25.

TO ORDER: USE CATALOG NUMBERS DC-09, DC-15, DC-25.

E. CONTACT PLATING

STANDARD PLATING
10 microinches minimum selective Gold over Nickel on the mating end.

No designation required.
Omit Step 5.

OPTIONAL PLATING:
-A = 30 microinches selective Gold over Nickel on the mating end.

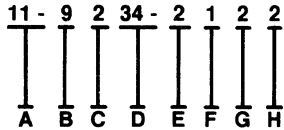
NOTE: Consult Sales for Other Platings.

MANUFACTURERS' ORDERING KEYS

EMSB05

ELECTRONIC MODULAR SYSTEMS LTD

EXAMPLE



- A. SERIES
Header Series
- B. PRODUCT

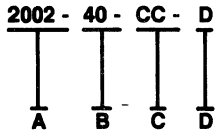
- C. LOCKING DEVICE
0 = NO EJECTORS
1 = SHORT LATCH
2 = LONG LATCH
- D. NUMBER OF CONTACTS
10, 14, 16, 20, 26, 34,
40, 50, 60, 64
- E. INTERFACE TYPE
0 = NO PIN
1 = SOLID
2 = COMPLIANT

- F. CONTACT-POST LENGTH
0 = NO PIN
1 = FLUSH
3 = .555 approx.
5 = .700
- G. PLATING-CONTACT AREA
2 = 10 Microin. Gold (STD)
6 = 30 Microin. Gold
8 = SPECIAL
- H. PLATING-POST AREA
2 = 10 Microin. Gold (STD)
6 = 30 Microin. Gold
8 = SPECIAL

GAR01

GARRY ELECTRONICS

EXAMPLE



- A. BREAKAWAY SERIES
- B. NO. OF CONTACTS
10 or 40 Contacts
- C. STYLE OF PIN
CC - soldertail
AA - 3 level wire wrap
BB - 2 level wire wrap
AB - 1 level wire wrap

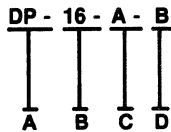
- Pin Length:
 CC - .128 in
 AA - .510 in
 BB - .370 in
 AB - .260 in

- D. PLATING
B = 10 microinches gold over nickel
D = tin over nickel

JHIC03

JI-HAW INDUSTRIAL CO., LTD.

EXAMPLE



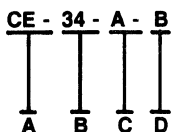
- A. SERIES
Dip plug connector
- B. CONTACT NO.
14, 16, 20, 24, 40, pin
- C. PIN PLATED TYPE
A - Gold plating
B - Tin plating

- D. CLAMP
A - with clamp
B - without clamp

JHIC04

JI-HAW INDUSTRIAL CO., LTD.

EXAMPLE



- A. SERIES
I.D.C. Card edge connector
- B. NO. OF PIN
20, 26, 34, 40, 50, 60

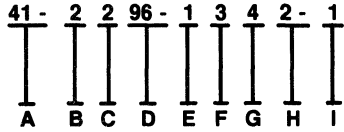
- C. CONTACT PLATED TYPE
A - Gold plating
B - Tin plating
- D. STRAIN RELIEF
A - With Strain Relief
B - Without Strain Relief

MANUFACTURERS' ORDERING KEYS

EMSB01

ELECTRONIC MODULAR SYSTEMS LTD

EXAMPLE



- A. SERIES**
STANDARD DIN SERIES
- B. BODY DESIGN**
1 = B (2 ROW)
2 = C (3 ROW)
- C. MOUNTING**
1 = FLANGE/HOLES
2 = NO FLANGE

- D. NUMBER OF CONTACTS**
32, 64 Contact for B Type
32, 64, 96 Contact for C Type

- E. TYPE OF CONTACT**
1 = SOLID PIN
2 = COMPLIANT PIN

- F. POST LENGTH STYLE**
1 = FLUSH
3 = 14.1 (.555 in.)
6 = SOLDER EYELET
9 = RIGHT ANGLE

- G. PLATING-CONTACT AREA**
1 = TIN
2 = 0.2 μ Au
(5 Microin. Gold)
3 = 0.4 μ Au
(15 Microin. Gold)
4 = 0.8 μ Au
(30 Microin. Gold)
5 = 1.2 μ Au
(50 Microin. Gold)

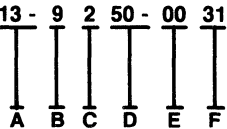
- H. PLATING-POST AREA**
1 = TIN
2 = 0.2 μ Au
(5 Microin. GOLD)
3 = 0.4 μ Au
(15 Microin. GOLD)
4 = 0.8 μ Au
(30 Microin. GOLD)
5 = 1.2 μ Au
(50 Microin. GOLD)

- I. ROW LOADING**
1 = ABC
2 = AC
3 = AB
4 = BC

EMSB07

ELECTRONIC MODULAR SYSTEMS LTD

EXAMPLE



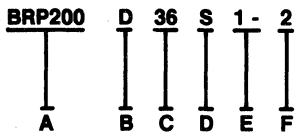
- A. SERIES**
Telephone Connector Series
- B. PRODUCT**
- C. TYPE OF CONTACT**
1 = RECEPTACLE (FEMALE)
2 = PLUG (MALE)
- D. NUMBER OF PINS**
14, 24, 36, 50

- E. MOUNTING STYLE**
00 = CLEARANCE HOLE
01 = 4-40 THREADED INSERT
02 = BAIL LOCK ASSEMBLY
- F. PLATING-POST AREA**
31 = 30 Gold W/Tin
32 = 30 Gold W/Gold

GAR02

GARRY ELECTRONICS

EXAMPLE



- A. SERIES**
Header Assembly, unshrouded
- B. NO. OF ROWS**
D - Dual (Two Rows)
S - Single
- C. SIZE**
01 Through 36 Positions
- D. TAIL CONFIGURATION**
S - Straight
R - Right Angle

- E. TAIL LENGTH**
Dimension B, Below

TAIL LENGTH CODE	TAIL LENGTH mm/in
1	3.175/.125
2	5.175/.225
3	10.795/.425
4	2.413/.095

- F. PLATING CODE**

CODE	CONTACT AREA	TAILS
2	(0.38 μ m) 15 μ " Gold	(3.81 μ m) 150 μ " 90/10 Tin/Lead
3*	(0.76 μ m) 30 μ " Gold	(3.81 μ m) 150 μ " 90/10 Tin/Lead
9	(3.81 μ m) 150 μ " Tin	90/10 Tin/Lead All Over
ALL: POST-PLATED • (1.27 μ m) 50 μ " NICKEL UNDERPLATE		

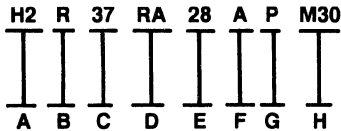
*(Housing marked Yellow along one side)

MANUFACTURERS' ORDERING KEYS

HEC03

HOLMBERG ELECTRONICS CORPORATION

EXAMPLE



A. SERIES

H2 - All Plastic
H3 - All Plastic
H4 - Metal Shell
H5 - Metal Shell

B. CONTACT TYPE

R - Female Receptacle
M - Male Pins

C. NO. OF CONTACTS

09, 15, 25, 37

D. PC TERMINATION TYPE

RA - Right Angle
ST - Straight Tail
SW - Stragith Retention Tails

E. CONTACT PLATING

28 - Selective .000010" gold over .000050" nickel in the contact area with .0001" to .0003" 60/40 tin/lead on the contact tails.
29 - Selective .000030" gold over .000050" nickel in the contact area with .0001" to .0003" 60/40 tin/lead on the contact tails.

F. MOUNTING STYLE

Right Angle & Right Angle Retention Tails

A - Basic Connector with Thru Holes
B - Round Standoff, 4-40 Thread
C - Flush insert, 4-40 Thread
D - Plastic Standoff, with 4-40 Threaded Insert

E - Latch with Plastic Standoff (RS 449)

F - Locking Post

J - Latch with Plastic Standoff and 4-40 Threaded Insert (RS 449 & 232)

Straight Tail and Straight Retention Tails

A - Basic Connector with Thru Holes
B - Round Standoff, #4-40 Thread
C - Flush Insert, #4-40 Thread
D - Flush board mounting with Thru Holes
J - Latch with Plastic Standoff and #4-40 Thread Insert (for RS 449 and RS 232 cable assemblies)

H - Plastic Standoff with 4-40 Threaded Insert

G. PCB OPTIONS

P - Snap Latch/.062 PCB
Consult factory for SW and RW PCB hole sizes

S - Metal Snap Latch

H. SPECIAL MODIFICATIONS

M30 - Metric Thread Size M3

M32 - Metric Thread with outside ground strap

M33 - Metric Thread with inside ground strap

M42 - Outside Ground Strap

M43 - Inside Ground Strap

M44 - Solder Ground

M50 - Back Board Mounting Hole

M52 - Back Board Mounting Hole with outside ground strap

M53 - Back Board Mounting Hole with inside ground strap

M62 - Metric Thread with outside ground strap, Back Mounting

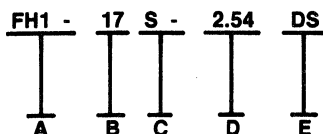
M63 - Metric Thread with inside ground strap, Back Mounting

Consult factory for grounding options on straight tail connectors

HRS04

HIROSE ELECTRIC U.S.A., INC.

EXAMPLE



A. SERIES NUMBER

B. NUMBER OF CONTACTS

8 - 27

C. PIN CONFIGURATION

S: Single line

D. CONTACT SPACING

2.54 mm

E. TYPE TERMINAL

DS: Right angle dip soldering

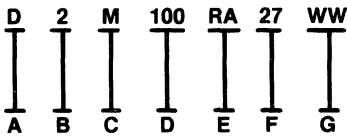
DSA: Straight dip soldering

MANUFACTURERS' ORDERING KEYS

HEC04

HOLMBERG ELECTRONICS CORPORATION

EXAMPLE



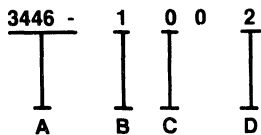
- A. SERIES**
B. NUMBER OF ROWS
 2, 3
C. CONTACT TYPE
 M - Male
 R - Receptacle
D. NUMBER OF POSITIONS

- E. TERMINATION TYPE**
 RA - Right Angle
 ST - Straight Tail
F. CONTACT PLATING
 27.29
G. TERMINATION STYLE
 WW - Wire-wrap
 DS - Dip Solder

MMM01

ELECTRONIC PRODUCTS DIVISION /3M

EXAMPLE



- A. SERIES**
 3446
B. PIN CONFIGURATION
 1 = Right Angle Solder Pin
 2 = Straight Solder Pin
 3 = Right Angle Wrap Pin
 4 = Straight Wrap Pin
 5 = Right Angle Boxed
 6 = Straight Boxed
C. EJECTOR LATCH SYSTEM
 0 = No ejector/latch
 2 = Short ejector/latch (when non strain relief socket is used)

- 3 = Long ejector/latch (when socket with strain relief is used)
 4 = Ejector only

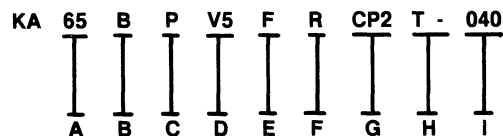
- D. BOARD THICKNESS & PIN LENGTH**
 2 = For .062" (1,57) thick board; .092" (2,34) long round solder pin .025" (0,64) DIA.
 3 = For .094" to .125" (2,39 to 3,18 thick board; .155" (3,94) long round solder pin .025" (0,64) DIA
 5 = Wrap pin, .025" (0,64) square, .61" (15,5) long

4 Wall

HPT01

HYPERTRONICS CORPORATION

EXAMPLE



- E. LOCKING HARDWARE**
 Male Contacts: M
 Female Contacts: F
 Number of Contacts: N (omit for empty block)
F. TYPE OF CONTACT
 Male Contacts: B, C, CE^o, CW, CY, D, DD, H2, R, S, W, Y
 Female Contacts: B, C, CW, CY, D, H2^o, R^o, S, W, Y
G. TERMINAL STYLES
 Mounting Styles⁴: 00^o, 10^o, 11, 12^o, 5, 13, 14, 21, 23, 24, 30, 41, 44, 101, 111, 121, 131, 301
 Hood Styles: CP1, CP2, CP3
H. MOUNTING AND HOOD STYLE
 T, TH, TAH (sockets only)
I. MODIFICATIONS
 Consult factory. Omit if standard.
 - 040 male extender card
 - 041 female extender card - no slots
 - 042 female extender card - 6 slots
 - 126 mounted comb
 - 135 BeCu pins

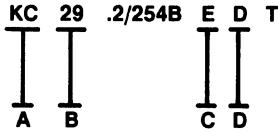
- A. SERIES**
 17, 29, 33, 41, 53, 62, 65, 72, 80, 84, 96, 98, 120, 126, 160 & 320 160.4² (front removable)
B. NUMBER OF CONTACTS
 B - 2 rows, C - 3 rows
C. NUMBER OF ROWS
 E - Receptacle (ascending)
 P - Plug (descending, for continuity when mated)
 S - Special mounting receptacle
D. INSULATOR NUMBERING SEQUENCE
 Receptacles: V1, V2, V4, V5^o, V7, V15
 Plug: V1, V2, V3^o, 5, V4, V5^o, V7, V8^o, V15
 V6, V9¹, (80, 160 & 320 only)

MANUFACTURERS' ORDERING KEYS

HPT02

HYPERTRONICS CORPORATION

EXAMPLE



A. SERIES

B. NO. OF CONTACTS

29, 35, 41 (plug only), 47

C. GUIDES

Receptacle (Guide Sockets): E

Plug (Guide Pins): P

D. TERMINAL STYLE

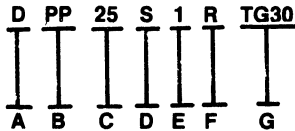
Receptacle — D, F, R, R², R¹, W

Plug — C, S

RNI01

ROBINSON NUGENT INC.

EXAMPLE



A. STYLE

D-Subminiature

B. MOUNTING TYPE

PC Mount

C. FAMILY TYPE

P-Plastic

M-Metal

D. NUMBER OF CONTACTS

9, 15, 25, 37

E. TYPE

S = Socket

F. DESIGNATOR FOR MOUNTING CONFIGURATION

1 = .125 In. Dia Through-hole

2 = #4-40 Flush Insert

3 = #4-40 Standoff Insert

G. ANGLE STYLE

R = Right Angle

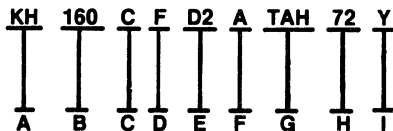
H. CONTACT PLATING

Specify TG, TG30

HPT07

HYPERTRONICS CORPORATION

EXAMPLE



A. SERIES

B. NO. OF CONTACTS

160, 142

C. NO. OF ROWS

C = 3

D. CONTACT TYPE

Sex: F = receptacle with female contacts

M = male with male contacts

E. TAIL STYLES

Receptacle Only
 D1—straight dip solder (.109 long)
 D2—straight dip solder (.140 long)—std
 D3—straight dip solder (.172 long)
 D4—straight dip solder (.234 long)

Plug Only
 C1—right angle dip solder (.109 long)
 C2—right angle solder (.140 long)—std
 C3—right angle dip solder (.172 long)

S—solder cup
 Receptacle Only
 Y1—one level wire wrap = .380
 Y2—two level wire wrap = .530
 Y3—three level wire wrap—std = .625

The following are old references:

Y—same as Y3 = .625
 W—wire wrap = .337 (No longer available)
 D—same as D2 = .140

F. MOUNTING STYLE

A—Through Hole
 D—Remove Ears

G. PLATING

T = 10 μ in. gold
 TH = 50 μ in. gold (plugs only)
 TAH = 5 μ in. gold-bodies
 50 μ in. gold-mating surfaces (sockets only)

H. KEYING

I. KEYING FORM

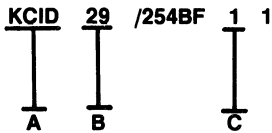
Y—'D' Shape Sq. Shank
 O—None Required

MANUFACTURERS' ORDERING KEYS

HPT03

HYPERTRONICS CORPORATION

EXAMPLE



A. SERIES

B. NO. OF CONTACTS

29, 35, 41, 47

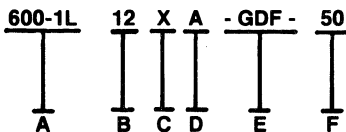
C. TERMINAL STYLE

D, S, W

CCC06

CONTINENTAL CONNECTOR CORP.

EXAMPLE



A. BASIC PART NUMBER

H 600-II: FOR CONNECTOR
H 600-II-72 ONLY
MS 600-II: FOR CONNECTOR
MS 600-II-72 ONLY
600-II: FOR ALL OTHERS

B. NUMBER OF CONTACTS

12, 20, 24, 30, 36, 44, 56, 72, 86

C. CONTACT TYPE

W, X, Y, Y14, Y19, Y25, YMS, Y90, Z

D. MOUNTING STYLE

A, B, C, D

E. MOLDING MATERIAL

STD MATERIAL: MAKE NO ENTRY
MIL-STD MATERIAL: ENTER "GDF"

F. CONTACT FINISH

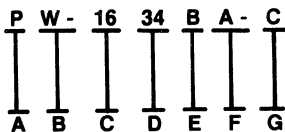
STD FINISH: MAKE NO ENTRY
MIL-STD FINISH: ENTER "50"

G. SPECIAL OPTIONS

HRS01

HIROSE ELECTRIC U.S.A., INC.

EXAMPLE



C. SERIES NO.

1600 series

D. NO. OF PINS

8, 12, 16, 20, 24, 28, 34,
45, and 60

E. CONNECTOR UNIT REVISION MARK

F. TYPE OF PLATING

A : Silver
G : Gold

G. ACCESSORY

C : Plug Shell (Side-touch lock)
CA : Plug Shell (Top-touch lock)
CBA : Plug Shell (Shoulder-touch lock)
H : Handle
J : Jack Shell (for extension cable)
LC : Plain Lock
SP : Spacer

ST : Stopper Bracket (Side-touch lock)

STA : Stopper Bracket (Top-touch lock)

STB : Stopper Bracket (Shoulder-touch lock)

STAR : Reverse Mount Stopper Bracket
(Top-touch lock)

A. CONTACT TYPE

P : Pin Contact
S : Socket Contact

B. TERMINAL TYPE

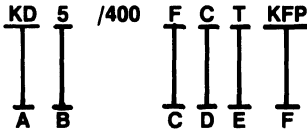
Blank : Soldering Eyelet
C : Crimping
D : Straight Dip Soldering
R : Right-Angle Dip Soldering
W : Wire Wrapping

MANUFACTURERS' ORDERING KEYS

HPT04

HYPERTRONICS CORPORATION

EXAMPLE



A. SERIES

B. NO. OF CONTACTS

5, 10, 16, 22

C. CONTACT STYLE

Plug (Male): M
Receptacle (Female): F

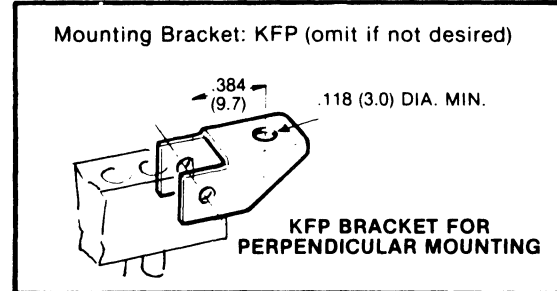
D. TERMINAL STYLE

C, D, F, S, V

E. PLATING

T

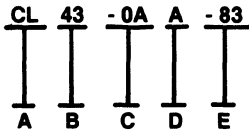
F. MOUNTING BRACKET



EBY09

EBY COMPANY

EXAMPLE



A. SERIES

B. NO. OF DUAL POSITIONS

06, 10, 12, 15, 18, 22, 25, 28,
30, 36, 43

C. CONTACT TERMINATIONS AND LENGTHS

OA - Printed Circuit (.16 Tail Length Min.)
OG - Wire Hole Tail (.25 Tail Length Min.)
OH - Printed Circuit—Right Angle

D. MOUNTING TYPES

- A - .128 Dia. Clearance Holes
- B - #4-40 Threaded Inserts
- C - .116 I.D. Floating Bushings
- E - No Mounting Ears
- F - Side Mounting—For Right Angle

E. CONTACT MATERIAL AND FINISH

- 01 - Phos. Brz. - .000010" Gold over Nickel
 - 03 - Phos. Brz. - .000030" Gold over Nickel
 - 43 - Phos. Brz. - .000100" Tin-Lead over Nickel
 - 83 - Phos. Brz. - .000030" Selective Gold*,
tin-lead on tail, over Nickel
- *Selective Gold is on the male/female engaging area.

□ Note: These items are not standard distributor items.

MMM04

ELECTRONIC PRODUCTS DIVISION/3M

CHY—10XX—004A10—XXX

Pin Quantity Code: See Table 1	Pin Length Mating End	Tail Length Board End	Plating*
H = .243 [6.17]	K = .112 [2.84]	L = .175 [4.45]	D = Wipe Area: 10μ" [0.25μm] Gold Tails: 100μ" [2.54μm] Tin Lead
P = .318 [8.08]			E = Wipe Area: 30μ" [0.76μm] Gold Tails: 100μ" [2.54μm] Tin Lead
			R = Wipe Area and Tail: 100μ" [2.54μm] Tin Lead

MANUFACTURERS' ORDERING KEYS

HRS15

HIROSE ELECTRIC U.S.A., INC.

EXAMPLE



A. RIGHT ANGLE

RD

B. D-SUB I.D. LETTER

B

C. SERIES

I

D. POSITIONS

25

E. SOCKET

S

F. PCB MOUNTING HOLE

Blank = 4-40 Threads

A = Thru-Hole

E = PCB Tab

G. RS-232 MOUNTING

Leave blank if not desired

H. THREAD SIZE

(440) = 4-40

(MET) = Metric

I. SHELL TREATMENT

Blank = Zinc

04 = Tin (Std.)

05 = Nickel

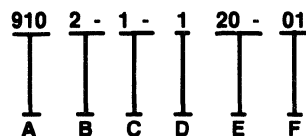
J. GROUND STRAP (BOTTOM)

Standard, to omit add (01)

MEI08

METHODE ELECTRONICS, INC.

EXAMPLE



A. SERIES

Post/Boxe
Header

B. CONTACT FINISH

0 - Tin
2 - Gold

C. MOUNTING STYLE

1 = Vertical Mount
3 = Horizontal Mount

D. NUMBER OF ROWS

1 = Single Row
2 = Dual Row

E. NUMBER OF CONTACTS

(2-40)

F. CONTACT LENGTH

No. "C"

01 .230 (5.84)

02 .230 (5.84)

03 .320 (8.13)

04 .320 (8.13)

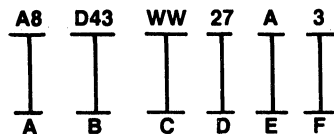
05 .110 (2.73)

06 .505 (12.83)

HEC02

HOLMBERG ELECTRONICS CORPORATION

EXAMPLE



D. CONTACT PLATING

Standard Plating

27 - Selective .000015" Au over .000050" Ni
in contact area with .0001" - .0003"
Sn/Pb on tails

28 - Selective .000010" Au over .000050" Ni
in contact area with .0001" - .0003"
Sn/Pb on tails

29 - Selective .000030" Au over .000050" Ni
in contact area with .0001" - .0003"
Sn/Pb on tails

E. MOUNTING STYLE

A - .125" diameter mounting holes

B - #4-40 threaded inserts

C - Without mounting ears

C - Flush mount

E - Flush mount with #4-40 threaded inserts

F - Offset Mounting

F. TAIL LENGTH

Consult factory for availability of lengths.

A. SERIES

A2, B3, A4, A5, A6,
A7, A8, A9, B9, C8

B. NUMBER OF CONTACT PAIRS AND READOUTS

D - Double readout

6, 10, 15, 18, 22, 28, 30, 31, 36
43, and 50

S - Single Readout

C. TERMINATION STYLE

WW - Wire Wrap, DS - Dip Solder

SR - Solder Round, PE - Pierced Eyelet

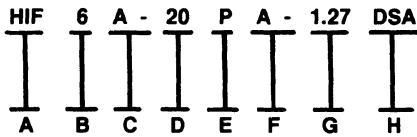
RA - Right Angle

MANUFACTURERS' ORDERING KEYS

HRS10

HIROSE ELECTRIC U.S.A., INC.

EXAMPLE



A. SERIES

B. SERIES NUMBER

C. OPTIONS

- Blank: IDC Header with Latch/
Eject Levers.
A: PCB Type without mounting flange.
B: PCB Type with mounting flange.

D. CONTACT POSITIONS

20, 26, 32, 34,
40, 50, 52, 60, 68, 80, 100

E. TYPE OF CONNECTOR

P: Pin Header
D: Socket (Double Row)

F. PLATING

A: Selective Gold Plating

G. CONTACT SPACING

.050" (1.27mm)

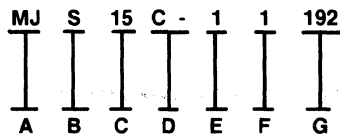
H. TERMINATION METHOD

DS: Right Angle PCB Mount
DSA: Straight PCB Mount
R: IDC to Ribbon Cable

WCH02

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

MJ (Continuous Card Collector)
C-Press Pre-Assembled Edgecard
Connector - Bifurcated Contacts

B. END CONFIGURATION

Blank = No Open End (MJ)
S = One Open End (MJS)

C. NUMBER OF CONTACT PAIRS

15 through 61

D. GRID SPACING

C = .100" x .200"
(Added information for open end version, consult sales.)

E. CARD SLOT DEPTH

1 = .415" [10.54] Standard
2 = .350" [8.89] [Optional On
3 = .300" [7.62] [Shaded Ends
Only

F. TAIL LENGTH

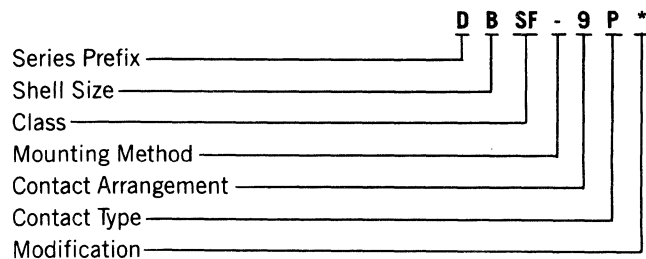
1 = .175" [4.44]
2 = .475" [12.07]
3 = .570" [14.48]
4 = .702" [17.83]
6 = .365" [9.27]

G. PLATING (SELECTIVE)

192 - .000030" gold over .000050" nickel overall in contact area and bright solder on C-section and tail.
195 - .000030" gold over .000050" nickel overall in contact area and gold flash on C-section and tail.

CAN07

CANNON ITT



SERIES PREFIX

D — ITT Cannon Designation

SHELL SIZE

E — 9 contacts
A — 15 contacts
B — 25 contacts
C — 37 contacts

CLASS

SF — V-Crimp

MOUNTING METHOD

Without designation
— two through-holes
.120 (3.05mm)
Y — Float mounting

CONTACT TYPE

P — Pin
S — Socket

MODIFICATION

A197 — Tin plated shell
G — All plastic construction
(consult factory for availability)
K87 — Tin plated shell with
grounding indents for
EMI/RFI protection

CONTACT ARRANGEMENTS

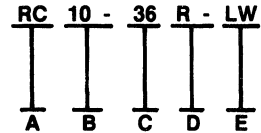
9, 15, 25, 37 contacts

MANUFACTURERS' ORDERING KEYS

HRS07

HIROSE ELECTRIC U.S.A., INC.

EXAMPLE



A. SERIES NAME
(RC: Ribbon Contact)

B. RIGHT ANGLE TYPE

C. NUMBER OF PINS
36

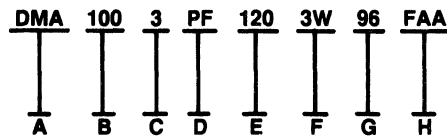
D. RECEPTACLE TYPE

E. LOCK WIRE
(Spring latch)

EFB08

ELFAB INTERCONNECTION INNOVATORS

EXAMPLE



A. ASSEMBLY PART NUMBER
DMA
DFA

B. MFR IDENTIFICATION CODE

C. ROWS LOADED
Number of Rows Loaded

D. CONTACT TYPE
PF - Press-fit
ST - Solder tail

E. INTERFACE LENGTH
Mfr Identification Code

F. WRAP LENGTH
0W - No wrap
2W - Two-wrap
3W - Three-wrap (one-wrap, rear plug-up)

G. NUMBER OF CONTACTS

H. PLATING REQUIREMENTS

Area 1 }
Area 2 }
Area 3 }

Z = Tin
Each alphanumeric equals 5 millionths gold over base nickel
A = 5 μin gold
B = 10 μin gold
C = 15 μin gold
D = etc.

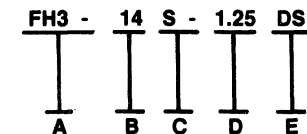
Specify	Area 1	Area 2	Area 3
ZZD	Tin	Tin	
AAD	Gold 5 μin	Gold 5 μin	Gold 20 μin
DAD	Gold 20 μin	Gold 5 μin	

Base plating: 50-150 μin nickel, Per QQ-N-290
Optional plating over base:
Tin, per Mil-T-1027, Type I
Gold, per Mil-G-45204, Type I

HRS13

HIROSE ELECTRIC U.S.A., INC.

EXAMPLE



A. SERIES

B. NUMBER OF CONTACTS
4, 7, 8, 10, 12, 13, 14,
16, 17, 20, 22, 24, 30

C. NUMBER OF CONTACT ROW
S: Single

D. CONTACT SPACING
.049" (1.25mm)

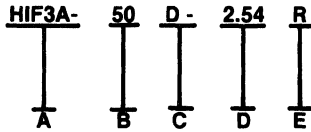
E. TERMINATION TYPE
DS: Right Angle PCB Mount
DSA: Straight PCB Mount

MANUFACTURERS' ORDERING KEYS

HRS03

HIROSE ELECTRIC U.S.A., INC.

EXAMPLE



A. SERIES NAME AND NO.

- HIF1: IDC socket for 1.27mm (.0500") spacing ribbon cable with alternately opposite pin configuration to HIF3A series IDC
- HIF2B: Dip Plug for 1.27mm (.0500") spacing ribbon cable
- HIF2C: Transition staggered row plug
- HIF3: IDC socket and pin header for 1.27mm (.0500") spacing ribbon cable
- HIF3A: IDC socket with polarizing nose
- HIF3C: Crimp type HIF series socket
- HIF3B, 3BA, 3BB, 3BC, 3BD: MIL-spec (MIL-C-83503) IDC header and socket
- HIF3E: Unprotected pin header
- HIF3F: Box style pin header without ejector
- HIF3FA: Low profile version of HIF3F
- HIF3G: Single row header and socket
- HIF3N: IDC socket with selective-plated pin
- HIF3H: Dip socket, header plug
- HIF3J: IDC socket to accept an ribbon cable to bear repeated bending operation
- HIF4: IDC socket and pin header for 1.59mm (.0625") spacing ribbon cable
- HIF5, 5B, 5C, 5E, 5F: Card Edge type IDC socket with mounting ear for 1.27mm (.0500") spacing ribbon cable
- HIF5A, 5D, 5G: No mounting ear version of the above HIF5 series
- HIF8: Dip plug for 1.59mm (.0625") spacing ribbon cable
- HIF9: Back Plane IDC Socket and Header

B. NUMBER OF CONTACTS

C. PIN CONFIGURATION

- D, S: Socket contact
- DA: Socket contact with selective plating
- P: Pin contact
- PA: Pin contact with selective plating
- PD: Extension connector for cable to cable connection of HIF3 series
- Blank: IC grid pattern
- A: Discrete wire application

D. CONTACT SPACING

- HIF1, HIF2B, HIF3, HIF5, HIF9 series: 2.54mm (.100")
- HIF4 and HIF8 series: 3.18mm (.125")
- HIF2C: 1.28mm (.0500")

E. TERMINAL CONFIGURATION

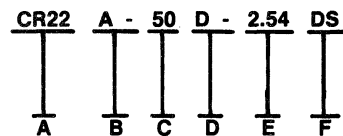
- C: Crimp type IDC socket housing with polarizing nose
- DS: Right angle dip solder tail
- DSA: Straight dip solder tail
- R: IDC socket contacts
- RA: Gold plating IDC dip contact for HIF2B series with alternately OPPOSITE pin configuration to HIF3A series IDC
- RB: Gold plating IDC dip contact for HIF2B series with SAME pin configuration as HIF3A series IDC
- RSA: Tin plating IDC dip contact for HIF2B series with alternately OPPOSITE pin configuration to HIF3A series IDC
- RSB: Tin plating IDC dip contact for HIF2B series with SAME pin configuration as HIF3A series IDC
- W: Straight wire wrap tail
- WA: Right angle wire wrap tail

MANUFACTURERS' ORDERING KEYS

HRS14

HIROSE ELECTRIC U.S.A., INC.

EXAMPLE



A. SERIES NAME

B. MOUNTING STYLE

Blank: With mounting ear
A: Without mounting ear

C. NUMBER OF CONTACT POSITIONS

30, 34, 36, 44, 50, 60,
62, 68, 72, 80, 100

D. CONTACT ROW

D: Dual row

E. CONTACT SPACING

2.54 mm

F. TERMINATION TYPE

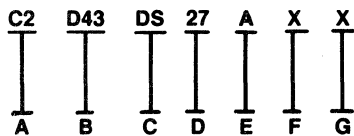
DS: Straight dip type
*DSA: Right angle dip type

*Note: DSA (right angle dip type)
- Special Order

HEC01

HOLMBERG ELECTRONICS CORPORATION

EXAMPLE



A. SERIES

C2, C4, C5

B. NUMBER OF CONTACT PAIRS AND READOUTS

D - Double readout
6, 10, 12, 14, 15, 18, 20, 22, 25,
28, 30, 31, 35, 36, 40, 43, 44, 50,
and 60

C. TERMINATION STYLE

DS - Dip solder
PE - Pierced eyelet

D. CONTACT PLATING

27 - Selective .000015" Gold over .000050"
Nickel in the contact area with .0001" -
.0003" Tin/Lead on the tails

29 - Selective .000030" Gold over .000050"
Nickel in the contact area with .0001" -
.0003" Tin/Lead on the tails

E. MOUNTING STYLE

A - .125" diameter mounting holes
B - #4-40 threaded inserts
C - Without mounting ears

F. CONTACT TAIL LENGTH

1 = .202 ± .010
2 = .220 ± .010

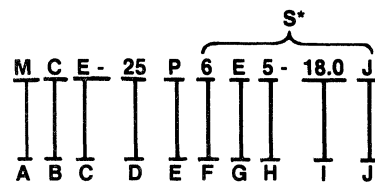
G. MODIFICATION

"M" followed by (3) digit
factory assigned number
M396 - .200 Row-to-row spacing

MNE02

MIN-E-CON

EXAMPLE



A. SERIES

B. METAL SHELL FINISH

C = Cadmium/Yellow Chromate
N = Nickel

C. INSULATOR MATERIAL

E = Polyester

D. CONTACT LAYOUT

9, 15, 21, 25, 31, 37, 51, 100

E. CONTACT TYPE

P = Pin
S = Socket

F. WIRE SIZE (AWG)

4 = 24, 6 = 26, 8 = 28, 0 = 30

G. WIRE TYPE

Stranded wire per MIL-W-16878
C = Bare Solid Copper
E = 7 Strand Type E

F = 7 Strand Type ET

G = 19 Strand Type E

H = 19 Strand Type ET

H. INSULATOR COLOR OR BARE COPPER FINISH

1 = All White

2 = All Yellow

3 = Tinned

4 = Gold Plated

5 = Color Coded per MIL-STD 681, System 1

I. LEAD LENGTH IN INCHES

J. ATTACHING HARDWARE

(Omit if not required)

J = Tall Jackscrew

L = Low Jackscrew, Slot

P = Jackpost (packaged with connector but
not installed)

H = Hex Socket drive-low profile

*S = Solder Cup (26 gauge max) Socket Side Only

MANUFACTURERS' ORDERING KEYS

HRS16

HIROSE ELECTRIC U.S.A., INC.

EXAMPLE



A. RIGHT ANGLE
RD

B. D-SUB I.D. LETTER
B

C. SERIES
H

D. POSITIONS
25

E. SOCKET
S

F. PCB MOUNTING HOLE
Blank = 4-40 Threads
A = Thru-Hole
E = PCB Tab

G. RS-232 MOUNTING
Leave blank if not desired

H. THREAD SIZE
(440) = 4-40
(MET) = Metric

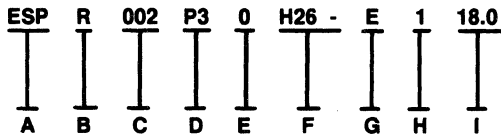
I. SHELL TREATMENT
Blank = Zinc
04 = Tin (Std.)
05 = Nickel

J. GROUND STRAP (BOTTOM)
Standard, to omit add (01)

ELO18

ELCO CORPORATION

EXAMPLE



G. WIRE TYPE

When designating "S" or "L" stop here.
When designating "H" continue with wire description.

A. SERIES

ESP = Strip

B. INSULATOR MATERIAL

R = Ryton

C. NUMBER OF CONTACTS

002 - 080

0 = Fully loaded

A = Contact in every other cavity (02-40 contacts)

X = Special layout (Consult factory)

D. CONTACT TYPE

P3 = Pin (30 microinches gold)

S3 = Socket (30 microinches gold)

P5 = Pin (50 microinches gold)

S5 = Socket (50 microinches gold)

E. GUIDE/PIN MOUNTING

0 = None

1 = One guide pin (socket side); one hole (pin side) located on end.

2 = Two guide pins (socket side); two holes (pin side) located on each end.

3 = Mounting holes at each end.

* = Other than above consult factory.

F. TERMINATION TYPE

S = Solder Pot

L01, L02, L03, L04,

L05 & L06 (See above)

H = Crimp Wire (Specify 24, 26, 28 or 30 Awg.)

Wire Code	Wire Type	Insulation	Wire AWG	Military Spec.	Applicable Use
B	7 Strand Type B	PVC	24 AWG 26 28 30	MIL-W-16878/1	General purpose wiring within the specified rating, and where excellent resistance to moisture oil and solvents may be required. Limitations: 105°C, 600V.
E	7 Strand Type E	TFE Teflon	24 AWG 26 28 30	MIL-W-16878/4	INDUSTRY STANDARD Wire is intended for high temp applications and is suitable for ultra high frequency use. The insulation has good resistance to hot soldering irons. Limitations: 200°C, 600V.
F	7 Strand Type ET	TFE Teflon	24 AWG 26 28 30	MIL-W-16878/6	SPECIAL USE ONLY Limited use in low voltage and high temperature applications. Due to thin insulation thickness it should be used only when space and weight limitations preclude the use of more substantial and reliable insulation thickness. Limitation: 200°C, 250V.
K	Ribbon 7 Strand Type B	PVC	28 AWG	MIL-C-49055	Ribbon provides minimum size, weight and space. Wire use in ribbon is of same specifications as wire code "B".
L	7 Strand	TFE Teflon	28 AWG	MIL-W-22759/11	Wire required to meet MIL-C-83513. Similar to wire code "E".
M	19 Strand	TFE Teflon	26 AWG	MIL-W-22759/11	Wire meets MIL-C-83513. Used for space applications.
O	19 Strand	ETFE	26 AWG	MIL-W-22759/19	Wire meets MIL-C-83513. Used for space applications.

H. WIRE COLOR

1 = White

I. WIRE LENGTH

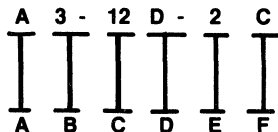
Specify 3 digits (e.g. 18.0 inches or M46 cm)

MANUFACTURERS' ORDERING KEYS

HRSJ02

HIROSE ELECTRIC CO., LTD.

EXAMPLE



C. POSITIONS

2 Row: 4,6,10,12,14,18,20,24,28
1 Row: 2,3,4,5,6,8,10,12

D. CONFIGURATION

D : 2 Row
S : 1 Row

E. CENTER SPACING

2mm

F. TERMINATION TYPE

C: Crimp

A. SERIES

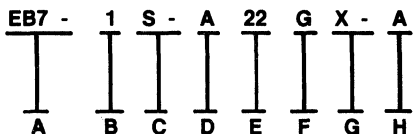
B. NUMBER OF ROWS

3 : 2 Row
4 : 1 Row

DEI03

DALE ELECTRONIC, INC.

EXAMPLE



E. NUMBER OF CONTACT POSITIONS

6, 10, 12, 15, 18 or 22

F. CONTACT PLATING

G—Gold Plate per MIL-G-45204, Type 1, Grade C, Class 0, (.00003 min. thick).
GF—Gold Plate per MIL-G-45204, Type 1, Grade C, (.000010 min. thick).
SG—Selective Gold Plating (.00003 min. thick) on contact area only.
SGF—Selective Gold Plating (.000010 min. thick) on contact area with Gold Flash on terminal.
All Gold Plating over .000050 min. Nickel Underplate.

G. MOUNTING VARIATIONS

A. SERIES

Edgeboard P.C. Connector Series

B. BODY MATERIAL

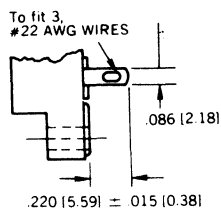
Blank Standard Phenolic
-1 = Diallyl Phthalate
-3 = Glass-filled Polyester

C. READOUT

S = Single

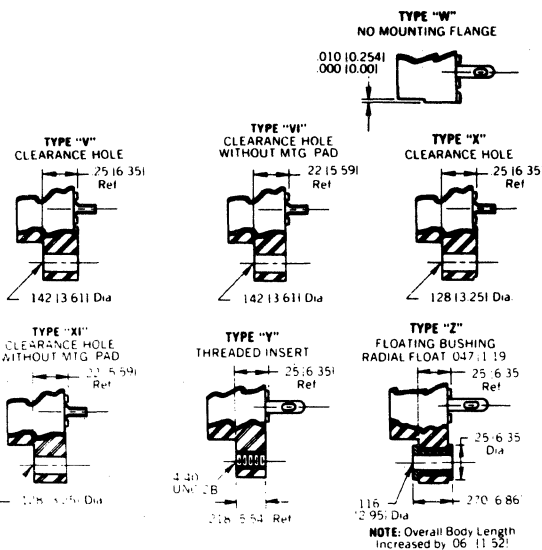
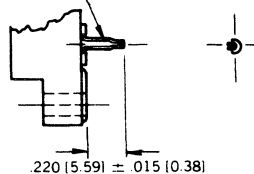
D. CONTACT VARIATIONS

TYPE "A" (PIERCED)



TYPE "B" (SOLDER DIP)

To fit .051 [1.30] Dia. Eyelet



H. POLARIZATION

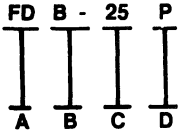
Polarizing Key Positions: Key(s) are located to right of position(s) designated. Required only when polarizing keys are to be factory installed.

MANUFACTURERS' ORDERING KEYS

HRS05

HIROSE ELECTRIC U.S.A., INC.

EXAMPLE

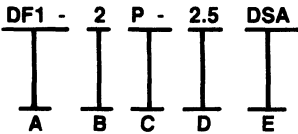


- A. SERIES NAME
- B. SHELL SIZE
E, A, B, C
- C. NUMBER OF PINS
9, 15, 25, 37
- D. TYPE OF CONTACTS
P: Male contact
S: Female contact

HRS09

HIROSE ELECTRIC U.S.A., INC.

EXAMPLE



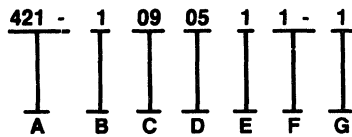
- C. TYPE OF CONTACT
P: Pin header
- D. CONTACT PITCH
2.5mm
- E. TYPE OF TERMINAL
DSA: Straight type
DS: Right angle type

- A. SERIES NAME
- B. NUMBER OF PINS
2 ~ 20

WCC04

WELCON CONNECTOR COMPANY

EXAMPLE



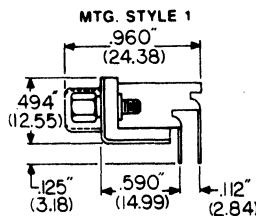
D. CONTACT PLATING

- 5* - Min. 10 microinches select gold over min. 50 microinches nickel on the contact point, tin lead plated tails.
- 6 - Min. 15 microinches select gold over min. 50 microinches nickel on the contact point, tin lead plated tails.
- 7 - Min. 20 microinches select gold over min. 50 microinches nickel on the contact point, tin lead plated tails.
- 8* - Min. 30 microinches select gold over min. 50 microinches nickel on the contact point, tin lead plated tails.

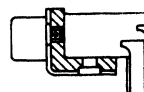
*Standard plating, contact factory for other options.

- A. SHELL MATERIAL
Metal .590 Footprint
- B. ANGLE STYLE
Right Angle
- C. NUMBER OF CONTACTS
See Outline Dwg

- E. CONTACT MATERIAL
Mfr. Identification Code
- F. BODY MATERIAL
Mfr. Identification Code
- G. MOUNTING STYLE



MTG. STYLE 2
#4-40 Flush Mtd.
Threaded Insert

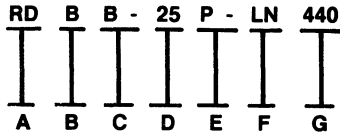


MANUFACTURERS' ORDERING KEYS

HRS06

HIROSE ELECTRIC U.S.A., INC.

EXAMPLE



- A. SERIES NAME**
B. SHELL SIZE
 E, A, B, C

C. SERIAL SYMBOL BY TYPE OF CONNECTOR UNIT

- D. NUMBER OF PINS**
 9, 15, 25, 37

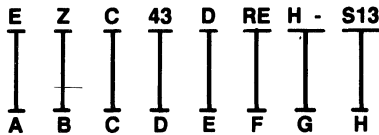
- E. TYPE OF CONTACTS**
 P: Pin Connectors
 S: Socket Connector

- F. WITH/WITHOUT SCREW LOCK ASSEMBLY**
G. ADDITIONAL NUMBER FOR INCH SIZE SCREW OR LOCK ASSEMBLY

SUL01

SULLINS ELECTRONICS CORPORATION

EXAMPLE



A. MATERIALS

- Insulator/Contact
 E = Valox*/Copper Alloy (Standard)
 H = Valox/Beryllium Copper (Special)
 R = Ryton*/Copper Alloy (Special)
 A = Ryton/Beryllium Copper (Special)
 C = Ryton/Beryllium Nickel (Consult Factory)

B. CONTACT FINISH

- | | |
|-------------------------------------|-----------------|
| Contact Surface | Termination |
| Z = .000010 Gold | .000100 Tin |
| X = .000030 Gold | .000100 Tin |
| ‡ G = .000010 Gold | .000005 Gold |
| ‡ Y = .000030 Gold | .000005 Gold |
| Contact Surface | Overall Plating |
| T = .000100 Tin | .000100 Tine |
| S = .000010 Gold | .000010 Gold |
| ‡ S = .000030 Gold | .000010 Gold |
| All Gold Plated Over .000050 Nickel | |

C. CONTACT CENTERS

- C = .100 (2.54)
 A = .125 (3.17)
 J = .150 (3.81)
 M = .156 (3.96)

D. NUMBER OF CONTACT POSITIONS

- 02 thru 70

E. READOUT

- D = Dual
 S = Single
 H = Half Loaded

F. TERMINATION TYPE

- Eyelet
 RE, TE, SE = Eyelet Tail
 RZ = Forked Eyelet Tail
 Low Profile Dip Solder
 SX, SU = Single Centered
 RT, RK, RY = Single/.140 (3.56 Row Spacing)
 RX, RU, RP = .200 (5.08) Row Spacing
 RJ = .250 (6.35) Row Spacing
 High Profile Di Solder
 RS = .025 (.64) Square Tail with Loop Bellows
 CS, SC = 0.25 (.64) Square Tail with Hairpin Bellows
 TK = .026 (.66) Round Tail with Loop Bellows
 CK = .026 (.66) Round Tail with Hairpin Bellows

- KJ = .031 (.79) Square Tail with Cantilever Beam

Wire Wrap

- RM = .025 (.64) Square Post with Loop Bellows
 CM, MC = .025 (.64) Square Post with Hairpin Bellows
 KK = .031 (.79) x .062 (1.57) Post
 KL = .031 (.79) x .062 (1.57) Post Twisted 90°
 WW = .045 (1.14) Square Post Right Angle
 RA, SA = Right Angle with Full Bellows
 TA, TB, TM = Right Angle with Loop Bellows
 CA, CB, CC = Right Angle with Hairpin Bellows

G. MOUNTING STYLE

- H = Clearance Hole .125 (3.17) Dia.
 N = No Mounting Ears
 S = Side Mounting .125 (3.17) Dia.
 I = Treaded Insert 4-40 NC-2B Thd.
 F = Floating Bobbin
 W = Flush Mounting
 D = Flush Mounting (special order)
 P = Clearance Hole .142 (3.61) Dia.
 B = Open Card Slot
 X = Flush Mounting with Threaded Insert
 T = Flush Mounting with Threaded Insert (Special)

H. MODIFICATION

- (Consult Factory)
 OMIT FOR STANDARD
 - S13 = Card Extender Formed to Fit .062 (1.57) PCB
 - S37 = Reverse Contact ID & Special Card Slot
 - S92 = Center Barrier Molded in Card Slot

‡ Not Available with Hairpin Bellows

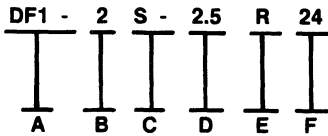
*Registered Trademarks
 General Electric Co.: Valox
 Phillips 66: Ryton
 Gardner-Denver Co.: Wire Wrap

MANUFACTURERS' ORDERING KEYS

HRS08

HIROSE ELECTRIC U.S.A., INC.

EXAMPLE



- A. SERIES NAME**
B. NUMBER OF PINS
 2 ~ 20

C. TYPE OF CONTACT
 S: Socket

D. CONTACT PITCH
 2.5mm

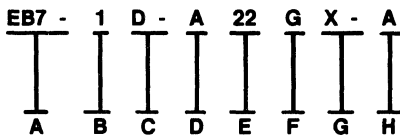
E. TERMINATION
 IDC symbol

F. CABLE SIZE
 24: AWG24
 26: AWG26
 28: AWG28

DEI04

DALE ELECTRONIC, INC.

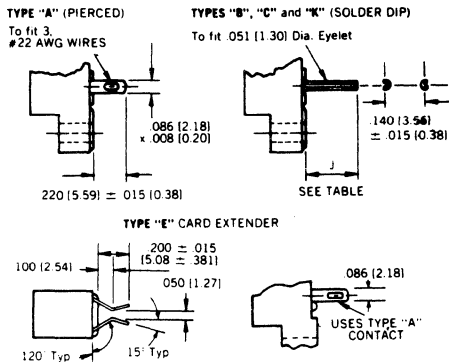
EXAMPLE



- A. SERIES**
 Edgeboard P.C. Connector Series
- B. BODY MATERIAL**
 Blank Standard Phenolic
 -1 = Dialyl Phthalate
 -3 = Glass-filled Polyester

C. READOUT
 D = Dual

D. CONTACT VARIATIONS



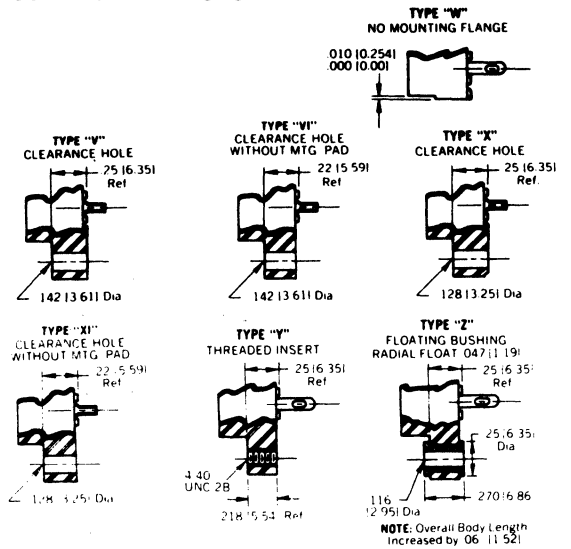
CONTACT TYPE	DIMENSION J
C	.125 ± .015 [3.18 ± 0.38]
K	.200 ± .015 [5.08 ± 0.38]
B	.375 ± .015 [9.52 ± 0.38]

E. NUMBER OF CONTACT POSITIONS
 6, 10, 12, 15, 18, 22, 36 and 43

F. CONTACT PLATING

- G—Gold Plate per MIL-G-45204, Type 1, Grade C, Class 0, (.00003 min. thick).
 - GF—Gold Plate per MIL-G-45204, Type 1, Grade C, (.000010 min. thick).
 - SG—Selective Gold Plating (.00003 min. thick) on contact area only.
 - SGF—Selective Gold Plating (.000010 min. thick) on contact area with Gold Flash on terminal.
- All Gold Plating over .000050 min. Nickel Underplate.

G. MOUNTING VARIATIONS



H. POLARIZATION

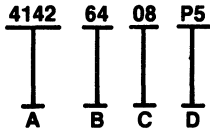
Polarizing Key Positions: Key(s) are located to right of position(s) designated. Required only when polarizing keys are to be factory installed.

MANUFACTURERS' ORDERING KEYS

HTC2

H & T COMPONENTS INC.

EXAMPLE



A. SERIES

4142 - With inbuilt polarizing keys

B. NO. OF CONTACTS

10, 14, 16, 20, 26, 34, 40, 44; 50, 56*, 60, 64*

* Check factory for availability

C. PIN CONFIGURATION

01 - Straight for 0.062" (1.60) thick PCB

02 - Right Angled for 0.062" (1.60) thick PCB

05 - Straight for 0.125" (3.20) thick PCB

06 - Right Angled for 0.125" (3.20) thick PCB

07 - Straight for 3 level Wire Wrap

08 - Right angle for 3 level Wire Wrap

D. PLATING

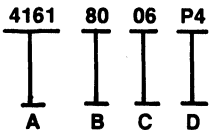
P3 - Gold flash over Nickel with Tin Lead tails

P5 - 0.000030" Gold selectively plated in contact area with Tin Lead on remainder, all over Nickel

HTC3

H & T COMPONENTS INC.

EXAMPLE



C. PIN CONFIGURATION

03 - Straight Pins for 0.062" (1.60) and 0.093" (2.40) thick PCB

06 - Right Angle Pins for up to 0.125" (3.20) thick PCB. 2 Row only.

04 - Right Angle Pins for up to .125" (3.20) thick PCB. Single Row only

D. PLATING

P1 - 0.000020" gold over nickel

P4 - 0.000200" Tin/Lead

A. SERIES

4161 - Dual Row Strip Header

4166 - Single Row Strip Header

B. NO. OF CONTACTS

10, 14, 16, 20, 26, 34, 40, 50, 60, 80

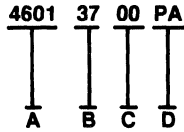
NOTE: The 4160 strip headers may be ordered cut to any number of ways from 1-40 or 2-80. Please enter the number of contacts required in the relevant box in the part number.

MANUFACTURERS' ORDERING KEYS

HTC5

H & T COMPONENTS INC.

EXAMPLE



A. SERIES

- 4601 - Plug Standard Version
- 4621 - Socket Standard Version
- 4611 - Plug RFI Version
- 4631 - Socket RFI Version

B. NO. OF CONTACTS

- 9, 15, 25, 37

C. CONTACT CONFIGURATION

- 00 - Standard IDC Contact

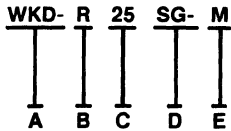
D. PLATING

- PA - 0.000020" min gold over 0.000037" nickel on the contact area with gold flash on remainder. For other plating options please consult factory.

JAWC02

JAWS ELECTRONIC., LTD.

EXAMPLE



A. SERIES

B. RIGHT ANGLE

C. NUMBER OF CONTACTS

- 9, 15, 25, 37

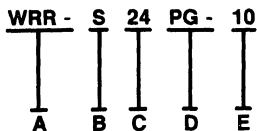
D. SOCKET

E. MANUFACTURER DESIGNATION

JAWC03

JAWS ELECTRONIC., LTD.

EXAMPLE



A. SERIES

B. SERIES

C. NUMBER OF CONTACTS

- 14, 24, 36, 50

D. TYPE

- PG - Plug
- SG - Socket

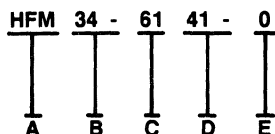
E. MANUFACTURER DESIGNATION

- 10, 20, 40

KAM05

KEL-AM INCORPORATED

EXAMPLE



A. SERIES

B. TOTAL NUMBER OF CONTACTS

- 10, 14, 16, 20, 26, 30, 34, 40, 50, 60

C. TERMINAL STYLE

- 61 - R/A dip solder
- 41 - straight dip wrap

D. PLATING

- Gold over nickel on nose, tin on terminals

E. OPTION

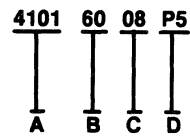
- Omit for STD long latches
- 0 - No latch
- S - Short latch

MANUFACTURERS' ORDERING KEYS

HTC1

H & T COMPONENTS INC.

EXAMPLE



A. SERIES

- 4101 No latches
- 4121
- 4102 Short latches
- 4122
- 4103 Long latches
- 4123

B. NO. OF CONTACTS

- 10, 14, 16, 20, 26, 30, 34, 40, 50, 60

C. PIN CONFIGURATION

- 01 - Straight for 0.062" (1.60) thick PCB
- 02 - Right Angled for 0.062" (1.60) thick PCB

- 03 - Straight for 0.093" (2.40) thick PCB
- 04 - Right Angled for 0.093" (2.40) thick PCB
- 05 - Straight for 0.125" (3.20) thick PCB
- 06 - Right Angled for 0.125" (3.20) thick PCB
- 07 - Straight for 3 level wrap
- 08 - Right Angled for 3 level wire wrap

D. PLATING

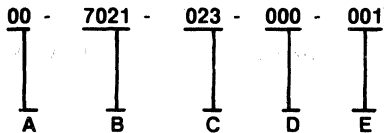
- P3 - Gold flash over Nickel with Tin Lead tails
- P5 - 0.000030" Gold selectively plated in contact area with Tin Lead on remainder, all over 0.000050" nickel

For other plating options please consult factory.

ELO09

ELCO CORPORATION

EXAMPLE



A. PREFIX

- 00 - Complete Connection Code

B. SERIES

- Manufacturer Identification Code

C. NUMBER OF CONTACTS

- 017, 023, 029, 035, 041, 047

D. CONTACT CODE

- Manufacturer Identification Code

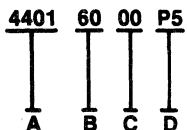
E. VARIATION CODE

- 001 - 1/16" Module Card Thickness
- 002 - 3/32" Module Card Thickness

HTC4

H & T COMPONENTS INC.

EXAMPLE



A. SERIES

- 4401 - No Mounting Ears
- 4421 - Half Mounting Ears*
- 4441 - Full Mounting Ears*
- *For availability and other plating options please consult factory

B. NO. OF CONTACTS

- 10, 14, 16, 20, 26, 30, 40, 50, 60

C. PIN CONFIGURATION

- 00 - Card Edge IDC Contact

D. PLATING

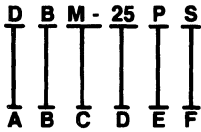
- P5 - 0.000030" Gold selectively plated in contact area with Tin Lead on remainder, all over nickel

MANUFACTURERS' ORDERING KEYS

JHIC01

JI-HAW INDUSTRIAL CO., LTD.

EXAMPLE



A. SERIES

D. Subminiature

B. SHELL SIZE

E - 9 position
A - 15 position
B - 25 position
C - 37 position
D - 50 position

C. KIND OF D SUBMINIATURE

P.C.B. Mounting Type

D. CONTACT ARRANGEMENT

9, 15, 25, 37, 50

E. CONTACT TYPE

P - Pin (plug)
S - Socket (receptacle)

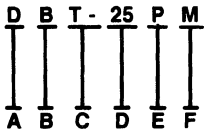
F. PRINTED CIRCUIT TERMINAL TYPE

S - Straight
R - Right Angle

JHIC02

JI-HAW INDUSTRIAL CO., LTD.

EXAMPLE



A. SERIES

D. Subminiature

B. SHELL SIZE

E - 9 position
A - 15 position
B - 25 position
C - 37 position
D - 50 position

C. KIND OF D SUBMINIATURE

T - Insert terminal Type
W - Wrapping Type

D. CONTACT ARRANGEMENT

9, 15, 25, 37, 50

E. CONTACT TYPE

P - Pin (plug)
S - Socket (receptacle)

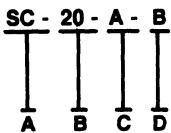
F. HOOD

P - Plastic Hood
M - Metal Hood
C - Clear chromate plating over plastic

JHIC05

JI-HAW INDUSTRIAL CO., LTD.

EXAMPLE



A. SERIES

I.D.C. Socket Connector

B. NO. OF PIN

10, 14, 16, 20, 26, 30, 34, 40, 50, 60

C. CONTACT PLATED TYPE

A - Gold plating
B - Tin plating

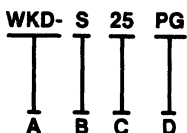
D. STRAIN RELIEF

A - With Strain Relief
B - Without Strain Relief

JAWC01

JAWS ELECTRONIC., LTD.

EXAMPLE



A. SERIES

B. TERMINATION

S = Solder Type
N = Needle Type 180°
R = Needle Type 90°

C. NUMBER OF CIRCUITS

9, 15, 25, 37

D. PLUG

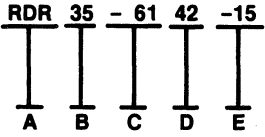
PG - Plug
SG - Socket

MANUFACTURERS' ORDERING KEYS

KAM15

KEL-AM INCORPORATED

EXAMPLE



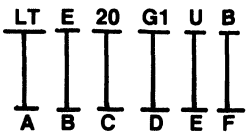
- A. SERIES**
- B. NO. OF CONTACTS PER ROW**
15, 18, 22, 28, 31, 35, 40, 50
- C. TERMINAL TYPE**
Right Angle, Dip Solder, .130 Lg.
- D. CONTACT PLATING**
- E. OPTION**
15 = With Ears
Right Angle Holes
- D. CONTACT PLATING**

CODE	GOLD AT ARE "C"	TERMINAL PLATING	UNDERPLATING
01	.000010	.000010 Gold	.000030 Nickel
03	.000030	.000030 Gold	.000050 Nickel
52	.000020	Gold Flash	.000040 Nickel
53	.000030	Gold Flash	.000050 Nickel
42	.000020	Tin/Lead	.000040 Nickel
41	.000010	Tin/Lead	.000030 Nickel

FERS01

FERRANTI CONNECTION SYSTEMS

EXAMPLE



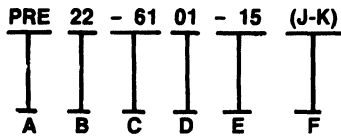
- A. FERRANTI RANGE**
Ferranti IDC range
- B. TYPE**
Cardedge connector
- C. NUMBER OF CONTACTS**
Number of contacts: 20, 26, 34, 40, 50, 60
- D. CONTACT FINISH**
Contact finish 0.1 μm minimum hard acid gold over nickel in contact area
Contact finish 0.76 μm minimum hard acid gold over nickel
- E. TERMINATION**
Termination - Insulation displacement contact
- F. MOUNTING**
With mounting flange
Without mounting flange

MANUFACTURERS' ORDERING KEYS

KAM22

KEL-AM INCORPORATED

EXAMPLE



A. SERIES

B. NO. OF CONTACTS PER ROW

10, 15, 18, 22, 28, 36, 43

C. TERMINAL TYPE

61 = Dip Solder

D. CONTACT PLATING

CODE	GOLD AT ARE "C"	TERMINAL PLATING	UNDERPLATING
01	.000010	.000010 Gold	.000030 Nickel
03	.000030	.000030 Gold	.000050 Nickel
52	.000020	Gold Flash	.000040 Nickel
53	.000030	Gold Flash	.000050 Nickel
42	.000020	Tin/Lead	.000040 Nickel
41	.000010	Tin/Lead	.000030 Nickel

E. MTG STYLE

15 = Right Angle

0 = No Mtg Ears

F. OPTION

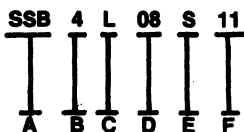
Add to catalog number only if polarizing slot is required. Omit if no slot is required.

STANDARD SLOT POSITIONS OF PSE & PRE				
NUMBER OF CONTACTS	10 THRU 15	18 THRU 22	25 THRU 28	36 THRU 43
SLOT BETWEEN CONTACTS	4 & 5	8 & 9	12 & 13	16 & 17
ADD TO END OF CATALOG NO.	(D-E)	(J-K)	(N-P)	(T-U)

ACP03

AMARACE CORPORATION

EXAMPLE



A. MANUFACTURERS TYPE

SSB Miniature High Density Terminal Strips

B. CONTACT SPACING (Center to Center)

4 = 5mm

5 = 10mm

C. CONFIGURATION

L = Connector (Portion detached from circuit board)

K = Horizontal (Right Angle) Header (Portion soldered to circuit board)

W = Vertical (In-Line) Header (Portion soldered to circuit board)

R = Low Profile Horizontal Connector (Matching set of (1) K and (1) L, above)

V = Vertical Connector (Matching set of (1) W and (1) L, above)

D. NUMBER OF CIRCUITS

SSB4 - 2,3,4,6,8,10,12,14,16,18,20

SSB5 - 2,3,4,5,6,7,8,9,10

E. WIRE PROTECTION

S = Shielded from screw

F. HOT STAMPED TERMINAL NUMBERS

NN = None

11 = 1 2 3 4 5 ...

12 = ... 5 4 3 2 1

15 = ... 5 4 3 2 1

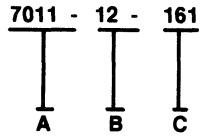
16 = 1 2 3 4 5...

MANUFACTURERS' ORDERING KEYS

KAM25

KEL-AM INCORPORATED

EXAMPLE

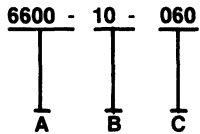


- A. SERIES
- B. NUMBER OF CONTACTS
12, 20, 36
- C. MANUFACTURER NUMBER

KAM26

KEL-AM INCORPORATED

EXAMPLE

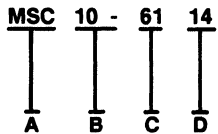


- A. SERIES
- B. NUMBER OF CONTACTS
10, 11, 12, 13, 14,
15, 16, 17
- C. STRAIGHT DIP SOLDER TERMINALS

KAM27

KEL-AM INCORPORATED

EXAMPLE

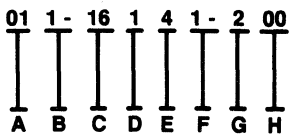


- A. SERIES
- B. NUMBER OF CONTACTS
4, 5, 8, 10, 12, 13
15, 16, 18, 20
- C. TERMINALS
Right Angle,
Dip Solder
- D. PLATING

TPI02

TEKA PRODUCTS, INC.

EXAMPLE



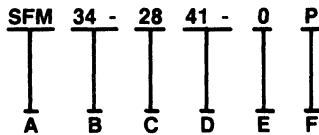
- A. SERIES
01 - Cardedge .100
02 - Cardedge .100
03 - Cardedge .156
04 - Cardedge .156
05 - Cardedge .125
06 - Cardedge .156
10 - Cardedge .156 (.045 sq)
- B. TYPE
1 - PC Connector
- C. NUMBER OF POSITIONS
6-100
- D. MOUNTING
0 - No Ears
1 - Standard
2 - Threaded Insert
3 - Floating Bushing
- E. TAIL
1 - Solder Dip
4 - Wire Wrap
- F. FINISH
1 - 200 μ " Tin Alloy Min. All Over
4 - 30 μ " Gold Min. Contact Area Only,
200 μ " Tin Alloy On Tails
For other plating options consult factory.
- G. NUMBER OF ROWS
1 - Single Row
2 - Double Row
- H. MODS
00 - Standard

MANUFACTURERS' ORDERING KEYS

KAM08

KEL-AM INCORPORATED

EXAMPLE



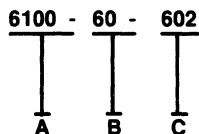
- A. SOCKET
- B. TOTAL NUMBER OF CONTACTS
10, 14, 16, 20, 26, 30, 34
40, 50, 60
- C. #28 AWG IDC CONTACTS

- D. PLATING
Gold over nickel on nose,
tin on terminals
- E. OPTION
Omit if with strain relief
0 = No strain relief
- F. WITH PULL TAB

KAM09

KEL-AM INCORPORATED

EXAMPLE

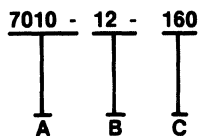


- A. SERIES
- B. NUMBER OF CONTACTS
10, 14, 16, 20, 24, 26, 30
34, 40, 50, 60
0 = No strain relief
- C. MANUFACTURER CODE

KAM24

KEL-AM INCORPORATED

EXAMPLE

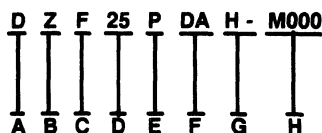


- A. SERIES
- B. NUMBER OF CONTACTS
12, 20, 36
- C. MANUFACTURER NUMBER

SUL02

SULLINS ELECTRONICS CORPORATION

EXAMPLE



- A. CONNECTOR TYPE
D-SUBMINIATURE CONNECTOR
- B. CONTACT FINISH
Contact Surface Termination
Z = .000010 Gold .000100 Tin
X = .000030 Gold .000100 Tin
- C. CONTACT CENTERS
F = .109
- D. NUMBER OF CONTACTS
09, 15, 25, 37
- E. INSULATOR CONFIGURATION
P = All Plastic

- F. TERMINATION TYPE
DA = Right Angle
- G. MOUNTING STYLE*
H = .125 Hole
I = Threaded Insert
X = Threaded Standoff
- H. MODIFICATION
(Omit For Standard)

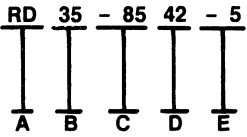
*Consult Factory For Availability Of Mounting Styles Not Listed

MANUFACTURERS' ORDERING KEYS

KAM14

KEL-AM INCORPORATED

EXAMPLE



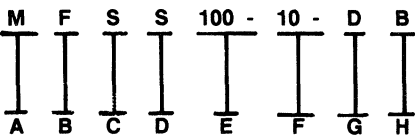
- A. SERIES**
- B. NO. OF CONTACTS PER ROW**
 - 15 31
 - 18 35
 - 22 40
 - 28 50
- C. TERMINAL TYPE**
 - 01 = Eyelet
 - 42 = Dip Solder .025 Sq.
 - 85 = Wire Wrap .025 Sq.
- D. CONTACT PLATING**
- E. OPTION**
 - 5 = With Ears
- D. CONTACT PLATING**

CODE	GOLD AT ARE "C"	TERMINAL PLATING	UNDERPLATING
01	.000010	.000010 Gold	.000030 Nickel
03	.000030	.000030 Gold	.000050 Nickel
52	.000020	Gold Flash	.000040 Nickel
53	.000030	Gold Flash	.000050 Nickel
42	.000020	Tin/Lead	.000040 Nickel
41	.000010	Tin/Lead	.000030 Nickel

PAN03

PANDUIT

EXAMPLE



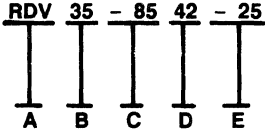
- A. WAFER TYPE**
 - M = Molded
- B. DESIGN**
 - F = Flat
 - L = Locking
 - P = Polarizing
- C. PIN ANGLE**
 - S = Straight
 - A = Angle
- D. PIN SHAPE**
 - S = Square
 - R = Round
- E. SPACING**
 - 100 = .100"
 - 156 = .156"
- F. NUMBER OF CIRCUITS**
 - 2-36
- G. PACKAGE QUANTITY**
 - Consult Mfr.
- H. PLATING CODE**
 - (blank) = Tin
 - A = 30µin. Gold
 - B = 15µin. Gold

MANUFACTURERS' ORDERING KEYS

KAM13

KEL-AM INCORPORATED

EXAMPLE



A. SERIES

B. NO. OF CONTACTS PER ROW

15, 18, 22, 28, 31, 35, 40, 50

C. TERMINAL TYPE

42 = Dip Solder .025 Sq.

85 = Wire Wrap .025 Sq.

D. CONTACT PLATING

E. OPTION

25 = With Centered Ears

MTG Ears

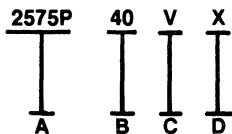
D. CONTACT PLATING

CODE	GOLD AT ARE "C"	TERMINAL PLATING	UNDERPLATING
01	.000010	.000010 Gold	.000030 Nickel
03	.000030	.000030 Gold	.000050 Nickel
52	.000020	Gold Flash	.000040 Nickel
53	.000030	Gold Flash	.000050 Nickel
42	.000020	Tin/Lead	.000040 Nickel
41	.000010	Tin/Lead	.000030 Nickel

LEOC09

LEOCO CORPORATION

EXAMPLE



A. SERIES NUMBER

Mfr. Identification Code

B. NUMBER OF CONTACTS

10, 14, 16, 20, 26, 30,
34, 40, 50, 60

C. ANGLE

V = Straight Type

D. PLATING

T = Tin-plated

U = .000005" Gold

X = .000010" Gold

Y = .000020" Gold

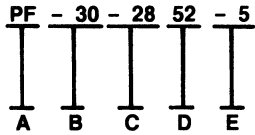
Z = .000030" Gold

MANUFACTURERS' ORDERING KEYS

KAM03

KEL-AM INCORPORATED

EXAMPLE



- A. SERIES**
- B. NO. OF CONTACTS PER ROW**
10, 13, 17, 18, 20,
22, 25, 30, 36
- C. TERMINAL SIZE**
28 = 28 Awg (Stranded)
- D. CONTACT PLATING**
- E. OPTION**
0 = No Ears
5 = With Ears

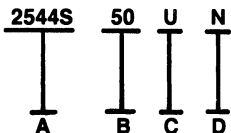
D. CONTACT PLATING

CODE	GOLD AT ARE "C"	TERMINAL PLATING	UNDERPLATING
01	.000010	.000010 Gold	.000030 Nickel
03	.000030	.000030 Gold	.000050 Nickel
52	.000020	Gold Flash	.000040 Nickel
53	.000030	Gold Flash	.000050 Nickel
42	.000020	Tin/Lead	.000040 Nickel
41	.000010	Tin/Lead	.000030 Nickel

LEOC06

LEOCO CORPORATION

EXAMPLE



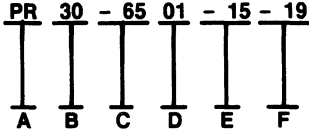
- A. SERIES NUMBER**
Mfr. Identification Code
- B. NUMBER OF CONTACTS**
24, 34, 44, 50, 60, 62, 72
- C. PLATING**
T = Tin-plated (overall plating)
U = .000005" Gold (contact surface).
X = .000010" Gold (contact surface).
Y = .000020" Gold (contact surface).
Z = .000030" Gold (contact surface).
- D. MOUNTING TYPE**
E = With Mounting Ears
N = Without Mounting Ears

MANUFACTURERS' ORDERING KEYS

KAM01

KEL-AM INCORPORATED

EXAMPLE



A. SERIES

B. NO. OF CONTACTS PER ROW

10, 13, 15, 17, 18, 20, 22,
25, 30, 36, 40, 50

C. TERMINAL TYPE

61 = Dip Solder
65 = Wire Wrap .560 Lg.

D. CONTACT PLATING

CODE	GOLD AT ARE "C"	TERMINAL PLATING	UNDERPLATING
01	.000010	.000010 Gold	.000030 Nickel
03	.000030	.000030 Gold	.000050 Nickel
52	.000020	Gold Flash	.000040 Nickel
53	.000030	Gold Flash	.000050 Nickel
42	.000020	Tin/Lead	.000040 Nickel
41	.000010	Tin/Lead	.000030 Nickel

E. MTG STYLE, RIGHT ANGLE

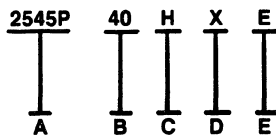
F. POLARIZING SLOT

Add to catalog number only if polarizing slot is required. Omit if no slot is required. (See table below)

LEOC03

LEOCO CORPORATION

EXAMPLE



A. SERIES NUMBER

Mfr. Identification Code

B. NUMBER OF CONTACTS

10, 14, 16, 20, 26, 30,
34, 40, 50, 60, 64

C. ANGLE TYPE

H = Right Angle Type

D. CONTACT TYPE

T = Tin-plated

U = .000005" Gold

X = .000010" Gold

Y = .000020" Gold

Z = .000030" Gold

E. EJECT TYPE

E = With Eject

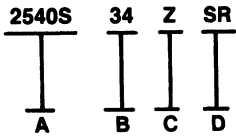
N = Without Eject

MANUFACTURERS' ORDERING KEYS

LEOC02

LEOCO CORPORATION

EXAMPLE



A. LEOCO PART NUMBER
Mfr. Identification Code

B. NUMBER OF CONTACTS
10, 14, 16, 20, 26, 34, 40, 50, 60

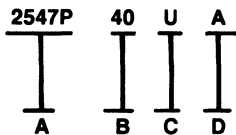
C. PLATING
T = Tin-plated(overall plating)
U = .000005" Gold(contact surface)
X = .000010" Gold(contact surface)
Y = .000020" Gold(contact surface)
Z = .000030" Gold(contact surface)

D. STRAIN RELIEF
SR = With Strain-relief
N = Without Strain-relief

LEOC08

LEOCO CORPORATION

EXAMPLE



A. LEOCO PART NUMBER
Mfr. Identification Code

B. NUMBER OF CONTACTS
2-40

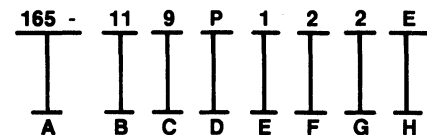
C. PLATING
T = Tin-plated
U = .000005" Gold
X = .000010" Gold
Y = .000020" Gold
Z = .000030" Gold

D. CONTACT LENGTH
A = A Version: Dim. C = 5.86mm
B = B Version: Dim. C = 7.26mm

WCH11

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE
Series 165

B. GRID PATTERN
11 = .109" x .112"

C. NUMBER OF CONTACTS
9, 15, 25, 37

D. CONTACT TYPE
S = Socket
P = Pin

E. CONTACT TAIL LENGTH
1 = .125" (for .062" P.C. Board)
2 = .170" (for .093" & .125" P.C. Board)

F. MOUNTING OPTIONS
0 = .168" Dia. Thru-Hole
1 = #4-40 UNC Standoffs
2 = #2-56 UNC Standoffs
3 = #4-40 UNC Inserts
4 = #2-56 UNC Inserts

G. LATCH OPTIONS
E .000015 Au On Mating End,
Tin On Remainder
D .000030 Au On Mating End,
Tin On Remainder
J .0001 - .0002 Sn On Entire Contact
1 = Without Latches
2 = With Latches
 Latches are only available with
or without #4-40 UNC Standoffs

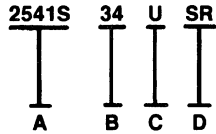
H. CONTACT PLATING

MANUFACTURERS' ORDERING KEYS

LEOC04

LEOCO CORPORATION

EXAMPLE

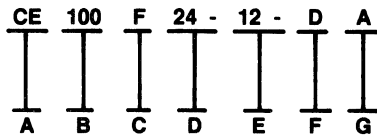


- A. SERIES NUMBER**
Mfr Identification Code
- B. CONTACT NUMBER**
20, 26, 34, 40, 50
- C. CONTACT TYPE**
T = Tin-Plated
U = Gold 0.000005"
X = Gold 0.000010"
Y = Gold 0.000020"
Z = Gold 0.000030"
- D. STRAIN RELIEF**
SR = with Strain relief
N = w/o Strain relief

PAN02

PANDUIT

EXAMPLE

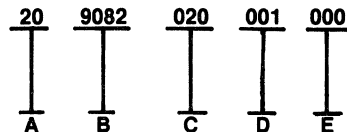


- A. DESIGN AND TYPE**
CE-Circuit, End
CT-Circuit, Through
- B. SPACING**
100 = .100"
156 = .156"
- C. VERSION**
F = Female
- D. AWG**
22-28 AWG
- E. NUMBER OF CIRCUITS**
2-28
- F. PACKAGE QUANTITY**
(R = Reels)
- G. PLATING**
(blank) = Tin
A = 30µin. Gold
B = 15µin. Gold

ELO19

ELCO CORPORATION


EXAMPLE



- A. CONNECTOR TYPE**
20 - Receptacle
- B. SERIES NUMBER**
Mfr. Identification Code
- C. NUMBER OF POSITIONS**
20-200
- D. CONTACT DESIGNATION CODE**

E. VARIATION CODE

** PLATING DESCRIPTION		
Mating Area	30 Gold	30 Gold
Terminal Area	75/175 Tin/Lead	Gold Flash
VARIATION CODE NUMBERS		INSULATOR STYLE
000	001	No guide

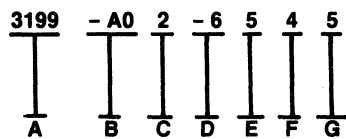
CODE NO.	DESCRIPTION	Y TERMINAL LENGTH
001	 PC Contact	.180

MANUFACTURERS' ORDERING KEYS

LIC1

LORANGER INTERNATIONAL CORPORATION

EXAMPLE



A. SERIES

LIC SOCKET
FAMILY

B. NO. OF CONTACTS

POSITIONS 5, 6 -
of device leads. For numbers
over 99, use a letter in position #5

A = 10 E = 14 Examples:
B = 11 F = 15 C8 = 128
C = 12 G = 16 D0 = 130
D = 13 H = 17

C. MECHANICAL MOUNTING

POSITION 7 -
MECHANICAL MOUNTING

- 1 no mechanical mounting ability
- 2 with mechanical mounting ability

D. PLATING

POSITION 8 -
PLATING

- 0 No plating
- 1 .000050" minimum gold (1.27 microns)
- 2 other gold thicknesses
- 3 .000100" minimum solderable nickel
- 4 .000010" minimum gold (0.25 microns)
- 5 other plating
- 6 .000030" minimum gold (0.76 microns)

E. TERMINATION

POSITION 9 -
SOCKET TERMINATION

- 0 does not apply
- 1 1/2" extended tail
- 2 printed circuit board tail
- 4 other socket termination (EDR)
- 5 studs

F. CONTACT MATERIAL

POSITION 10 -
CONTACT MATERIAL

- 0 does not apply
- 1 beryllium copper
- 2 beryllium nickel
- 4 phosphor bronze
- 5 other contact material (EDR)

G. PLASTIC MATERIAL

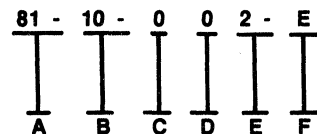
POSITION 11 -
PLASTIC MATERIAL

- 0 does not apply
- 1 epoxy
- 3 melamine
- 4 heat resistant phenolic
- 5 ryton
- 6 G.P. phenolic
- 7 standard C.R.T. material
- 8 modified socket (EDR)
- 9 other plastic material (EDR)

WCH16

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series 81

B. NUMBER OF CONTACTS

10. 14. 16. 20. 26.
34. 40. 50. 60. 64

C. SIDE KEY OPTION

- 0 = Without Side Key
- 1 = With Side Key

D. STRAIN RELIEF OPTION

- 0 = Without Strain Relief
- 1 = With Strain Relief

E. UPPER MOLDING OPTION

- 2 = Without Cable Stop
- 3 = With Cable Stop

F. CONTACT PLATING

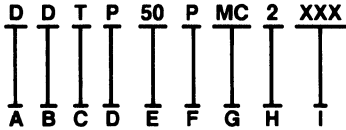
- E .000015 Au On Mating End,
Tin On Remainder
- D .000030 Au On Mating End,
Tin On Remainder
- J .0001 - .0002 Sn On Entire Contact

MANUFACTURERS' ORDERING KEYS

MBC1

MIDDLEBURG CORPORATION

EXAMPLE



A. CONNECTOR PREFIX

Step 1

D SUBMINIATURE

B. SHELL SIZE

Step 2

E - 9 Position
A - 15 Position
B - 25 Position
C - 37 Position
D - 50 Position

C. CONNECTOR FITTED WITH FILTERS

Step 3

J - Tubular
T - Planar

D. INSULATOR

Step 4

Blank - Military (omit step)
M - Diallyl, commercial
P - Polyester (Planar Standard)

E. NO. OF CONTACTS

Step 5

9, 15, 25, 37, 50

F. CONTACT TYPE

Step 6

P - Pin
S - Socket

G. TYPE OF FILTER

Step 7

FILTER "C" TYPE

B - NO LONGER STANDARD
DC - 240 pf MAX
EC - 600 pf MAX
HC - 1000 pf MAX
KC - 1600 pf MAX
JC - 2500 pf MAX
MC - 6000 pf MAX

FILTER "Pi" TYPE

E - 480 pf MAX
H - 1200 pf MAX
K - 2000 pf MAX
T - 5000 pf MAX
M - 12,000 pf MAX

H. TERMINATION TYPE

Step 8

Blank - Solder Cup (omit step)
2 - Straight PCB Version
(.030 diameter)
16 - R/A PCB Version (90°)

I. MODIFIER CODE

Step 9

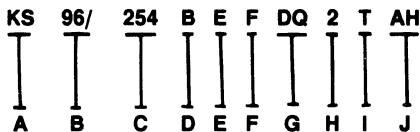
Connector partially filtered (with ground or non filtered contact)
If a connector houses different types of filters the preceding letter does not show.
Shell specific plating.

NOTE: Omit Steps Not Required

HPT08

HYPERTRONICS CORPORATION

EXAMPLE



A. SERIES

B. NO. OF CONTACTS

48, 96

C. GRID

Spacing in hundredths of a millimeter

D. NO. OF ROWS

E. CONNECTOR STYLE

A = Carrier
E = Stacking Receptacle

F. CONTACT TYPE

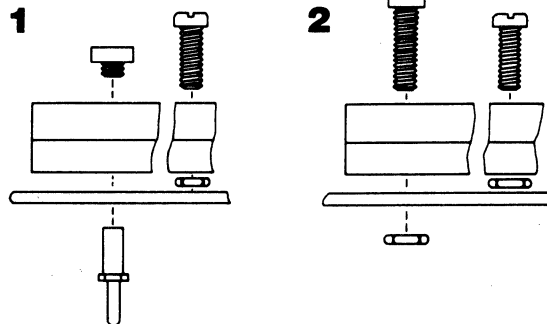
M = Male
F = Female

G. TAIL LENGTH

REF	A	USED
DD	.125" (3.2)	Carrier
DL	.267" (6.8)	Carrier
DQ	.326" (8.3)	Receptacle

H. MOUNTING STYLE

1, 2



I. DELIMITER

J. PLATING

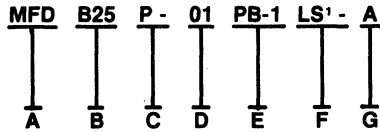
TH = Nickel + 50µ in. gold
TAH = Nickel + gold flash (socket bodies)
50µ in. gold (mating surface)

MANUFACTURERS' ORDERING KEYS

MBC2

MIDDLEBURG CORPORATION

EXAMPLE



A. SERIES

Step 1

MFD - Economy Metal Shell D-Sub
MD - Original Metal Shell D-Sub

B. NO. OF CONTACTS

Step 2

9, 15, 25, 37, 50
E, A, B, C, D

C. CONTACT DESIGNATION

Step 3

P = Pin (Plug) Shrouds typically dimpled for continuity.
S = Socket (Receptacle)

D. CONTACT TYPE

Step 4

-01 - Solder Cup - stamped
-02 - Solder Cup - machined
-03 - Dip Solder - stamped
-04 - Dip Solder - machined
-05 - Ribbon Cable - stamped
*-06 - Wire Wrap - machined use with MD series only
-07 - Right Angle - machined - Footprint - .370 (9, 40)
-08 - Right Angle - stamped Footprints
-08A - .283 (7,18) - Equivalent to .315 Plastic
-08B - .559 (14,20) - Equivalent to .590 Plastic
-08C - .447 (11,35) - Equivalent to .478 Plastic
-08D - .545 (13,84) - Equivalent to .577 Plastic

NOTE:

stamped contacts are standard for MFD
machined contacts are standard for MD

E. BRACKETS

Step 5

PLASTIC BRACKETS
PB-1 - Riveted
PB-2 - Screwed
METAL BRACKETS
MB-3 - Through holes
MB-4 - Tapped holes
PLASTIC HOODS
PH-5 - Side opening
PH-6 - Top opening
METAL HOODS
MH - Universal openings

F. LOCKING ASSEMBLIES

Step 6

LS - Lock (sliding)
LC - Lock (Female clip set)
LD - Lock (Screw device set)

G. CONTACT PLATING

Step 7

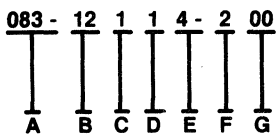
STANDARD:
Selective Gold over Nickel
No Designation (Omit Step 7)
MILITARY:
50 microinches Selective Gold over Nickel
Designation - M
OPTIONAL:
30 microinches Selective Gold over Nickel
Designation - A

Consult factory for other plating.

TPI03

TEKA PRODUCTS, INC.

EXAMPLE



A. PART NUMBER CODE

083 = .100" Centers
093 = .150" Centers

B. NUMBER OF POSITIONS PER ROW

2-65 (083)
2-43 (093)

C. CONTACT MATERIAL

1 = PhBr
2 = BeCu

D. HOUSING MATERIAL

1 = Polyester

E. FINISH

1 = 200 μ " Tin Alloy Over
50 μ " Nickel Min. All Over
4 = 30 μ " Gold Min. Contact Area Only,
200 μ " Tin Alloy On Tails
8 = 30 μ " Gold Min Contact Area
Over 50 μ " Nickel Min;
Terminals - Gold Flash Over
50 μ " Nickel Min

F. NUMBER OF ROWS

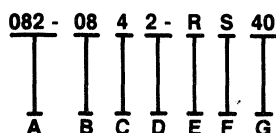
1 = Single (.100" Only)
2 = Double

G. MODS

TPI04

TEKA PRODUCTS, INC.

EXAMPLE



A. MFR. PART NUMBER CODE

082 = Male Headers

B. NO. OF POSITIONS PER ROW

2-36

C. MATERIAL

4 = Copper Alloy

D. FINISH

0 = 100 μ " Tin Alloy Min. Over
50 μ " Nickel Min.
2 = 10 μ " Gold Min. Over
50 μ " Nickel Min.

E. VARIATIONS

S = Straight
R = Right Angle

F. NUMBER OF ROWS

S = Single
D = Double

G. TAIL LENGTH

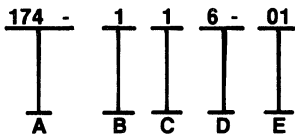
10 = 100
40 = 400
60 = 600

MANUFACTURERS' ORDERING KEYS

MEI07

METHODE ELECTRONICS, INC.

EXAMPLE



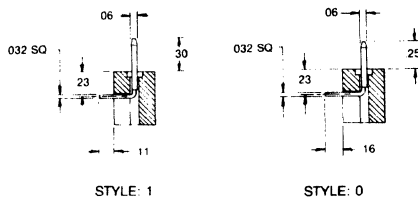
A. SERIES

RIGHT ANGLE MALE PLUG
SERIES USED WITH 179 SERIES
RECEPTACLES CONNECTOR

B. MOUNTING STYLE

STYLE 0 = .128 DIA.
STYLE 1 = .136 DIA.
STYLE 2 = .142 DIA.

C. TERMINAL STYLE



D. NUMBER OF CONTACTS

6, 8, 10, 12,
15, 18, 22, 24

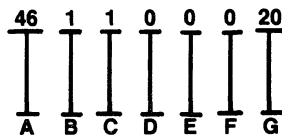
E. CONTACT PLATING

ALL OPTIONS WITH .000100 NICKEL OR COPPER UNDERPLATING PER MIL-G-45204	
ASSEMBLY DASH NO.	CONTACT PLATING
01	.000010 MIN. GOLD OVER COPPER
02	.000020 MIN. GOLD OVER COPPER
03	.000030 MIN. GOLD OVER COPPER
04	.000050 MIN. GOLD OVER COPPER
05	.000010 MIN. GOLD OVER NICKEL
06	.000020 MIN. GOLD OVER NICKEL
07	.000030 MIN. GOLD OVER NICKEL
08	.000050 MIN. GOLD OVER NICKEL
09	.000200 MIN. BRIGHT, ACID TIN OVER COPPER FLASH
10	.000100 MIN. GOLD OVER NICKEL

EFB05

ELFAB INTERCONNECTION INNOVATORS

EXAMPLE



A. SERIES

Value Pac

B. SIZE

1 = .100 x .200 (1020)
3 = .125 x .250 (1225)
4 = .156 x .200 (1562)

C. HOUSING

1 = .550 Housing
3 = .610 Housing
4 = .610 Housing
(.550 + Base)

D. END STYLE

0-No Mount
1-Long Mount
2-Flush Mount
3-Raised Mount

E. TAIL LENGTH

0-.185
2-.512
4-.719
1-.452 wire wrap
3-.659 wire wrap
5-.175 solder tail
6-.115 solder tail

F. PLATING CODE

CODE	AREA 1	AREA 2	AREA 3
0	5 μ in. gold	5 μ in. gold	20 μ in. gold
1	5 μ in. gold	5 μ in. gold	30 μ in. gold
4	nickel	nickel	20 μ in. gold
5	nickel	nickel	30 μ in. gold
6	bright tin	nickel	20 μ in. gold
7	bright tin	nickel	30 μ in. gold

⁵⁰/₁₀₀₀ μ in. nickel undercoat on all contacts

*Other platings available. Consult factory.

G. NUMBER OF CONTACT PAIRS

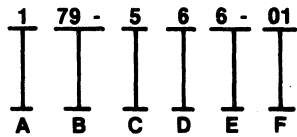
01 - 68 (1020)
01 - 53 (1225)
01 - 43 (1562)

MANUFACTURERS' ORDERING KEYS

MEI03

METHODE ELECTRONICS, INC.

EXAMPLE

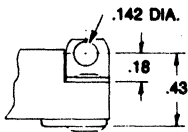
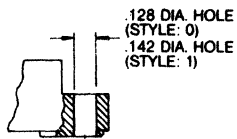


A. INSULATOR MATERIAL

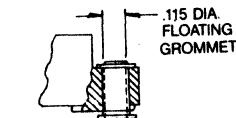
- 1 - DIALLYL
- 2 - PHENOLIC

B. SERIES

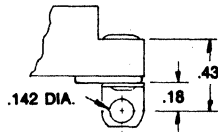
C. MOUNTING STYLE



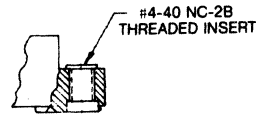
STYLE: 5
RIGHT ANGLE MTG.
BRACKET TOP



STYLE: 2



STYLE: 6
RIGHT ANGLE MTG.
BRACKET BOTTOM



STYLE: 3



NO MOUNTING EARS
DIM. A & B NOT APPLICABLE
STYLE: 7

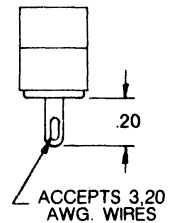
D. TERMINAL STYLE

CONTACT PLATING	GOLD OVER NICKEL OR COPPER UNDER PLATING, .000100 PER MIL-G-45204
- 01	.000010 GOLD OVER .000100 COPPER
- 02	.000020 GOLD OVER .000100 COPPER
- 03	.000030 GOLD OVER .000100 COPPER
- 04	.000050 GOLD OVER .000100 COPPER
- 05	.000010 GOLD OVER .000100 NICKEL
- 06	.000020 GOLD OVER .000100 NICKEL
- 07	.000030 GOLD OVER .000100 NICKEL
- 08	.000050 GOLD OVER .000100 NICKEL
- 09	.000200 BRIGHT TIN. OVER .000100 NICKEL
- 11	.000200 BRIGHT ACID SOLDER OVER .000100 NICKEL

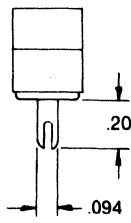
E. NUMBER OF CONTACTS

6, 8, 10, 12, 15, 18, 22, 24

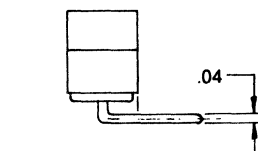
F. CONTACT PLATING



STYLE: 0
SOLDER EYE

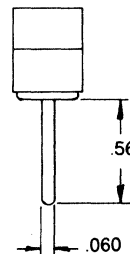


STYLE: 1
OPEN SOLDER EYE

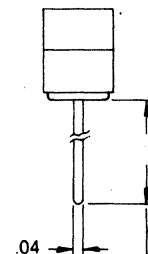


STYLE: 3
RIGHT ANGLE, DIP SOLDER

NOTE: CONSULT FACTORY FOR AVAILABILITY



STYLE: 4
WIRE WRAP



SOLDER DIP

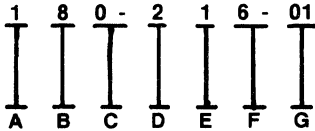
- .12 STYLE 5
- .16 STYLE 6
- .31 STYLE 7
- .40 STYLE 8
- .56 STYLE 9

MANUFACTURERS' ORDERING KEYS

MEI04

METHODE ELECTRONICS, INC.

EXAMPLE



A. INSULATOR MATERIAL

- 1 - DIALLYL
- 2 - PHENOLIC

B. SERIES

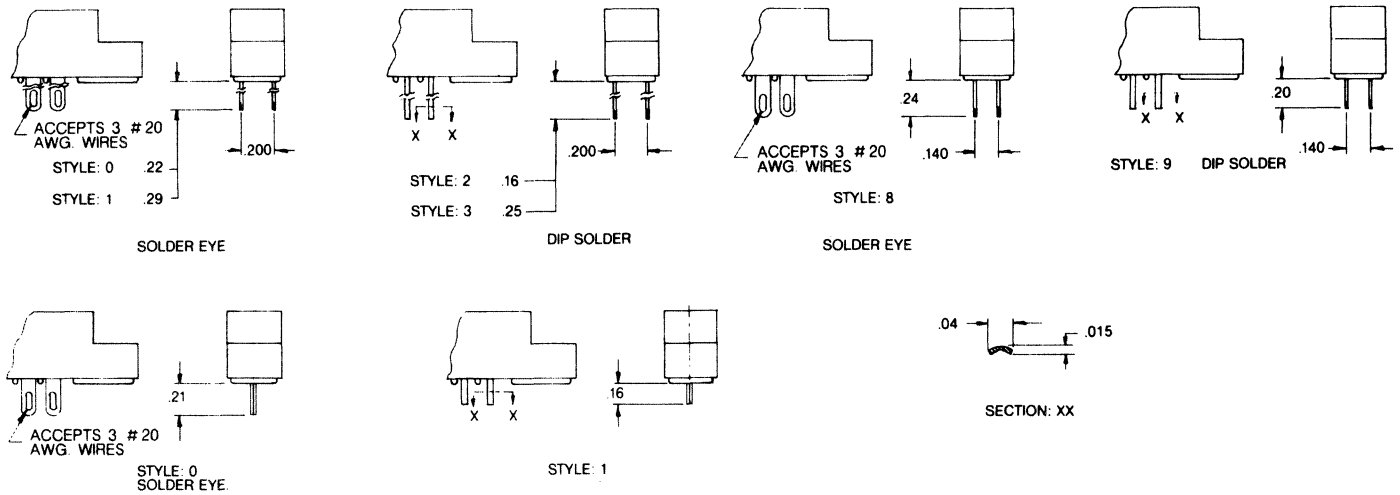
C. CONTACT MATERIAL

- 0 - Dual Readout - Brass
- 1 - Single Readout - Brass
- 2 - Dual Readout - Phosphor Bronze
- 3 - Single Readout - Phosphor Bronze

D. MOUNTING STYLE



E. TERMINAL STYLE



F. NUMBER OF CONTACTS

- Single Readout = 6, 8, 10, 12, 15, 18, 22, 24
- Dual Readout = 12, 16, 20, 24, 30, 36, 44, 48

G. CONTACT PLATING

CONTACT PLATING	ALL OPTIONS WITH .000050 NICKEL UNDERPLATING PER QQ-N-290
-01	.000010 SELECTIVE GOLD, TAIL GOLD STRIKE
-02	.000020 SELECTIVE GOLD, TAIL GOLD STRIKE
-03	.000030 SELECTIVE GOLD, TAIL GOLD STRIKE
-04	.000050 SELECTIVE GOLD, TAIL GOLD STRIKE
-09	.000200 BRIGHT ACID TIN
-11	.000200 BRIGHT ACID SOLDER

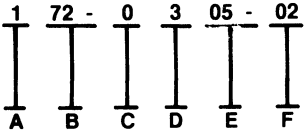
NOTE:
CONSULT FACTORY FOR ADDITIONAL
PLATING AVAILABLE.

MANUFACTURERS' ORDERING KEYS

MEI01

METHODE ELECTRONICS, INC.

EXAMPLE



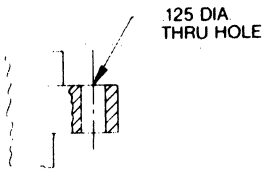
A. INSULATOR MATERIAL

- 1-THERMOSET
- 2-THERMOPLASTIC

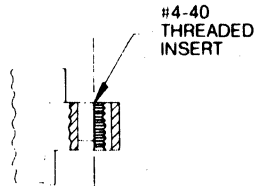
B. SERIES

Mfr. Identification Code

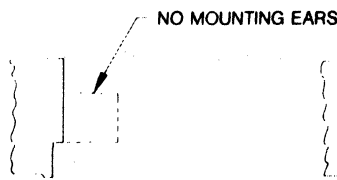
C. MOUNTING STYLE/MATERIAL



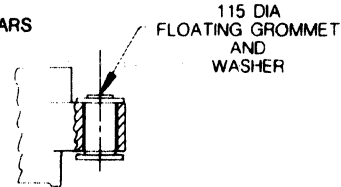
STYLE 0
DIALLYL OR POLYESTER
STYLE 2
PHENOLIC



STYLE 1
DIALLYL OR POLYESTER Δ
STYLE 3
PHENOLIC



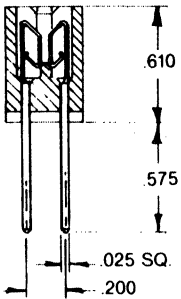
STYLE 4
DIALLYL OR POLYESTER Δ
STYLE 5
PHENOLIC



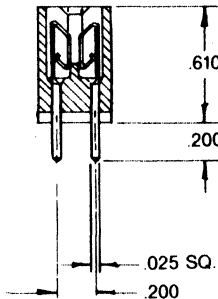
STYLE 6
DIALLYL OR POLYESTER Δ
STYLE 7
PHENOLIC

Δ - CONSULT FACTORY FOR AVAILABILITY

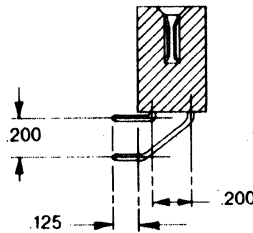
D. TERMINAL STYLE



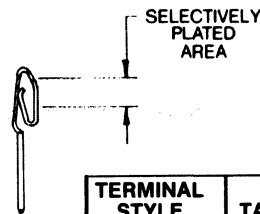
STYLE 5



STYLE 3



AVAILABLE AS SPECIAL FROM FACTORY
RIGHT ANGLE FORMED



TERMINAL STYLE	TAIL LENGTH
3	.200
5	.575

E. NUMBER OF CONTACTS

5/10, 10/20, 15/30, 18/36
20/40, 22/44, 25/50, 30/60
31/62, 35/70, 36/72, 40/80, 43/86
48/96, 50/100

F. CONTACT PLATING

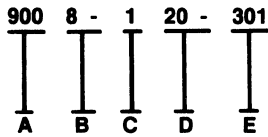
PLATING		
ALL OPTIONS WITH .000050 NICKEL UNDERPLATING PER QQ-N-290		
CONTACT PLATING	PLATING	
-02	.000010 SELECTIVE GOLD	TAIL-GOLD STRIKE
-03	.000010 SELECTIVE GOLD	TAIL-ELECTROSOLDER PLATE
-04	.000030 SELECTIVE GOLD	TAIL-GOLD STRIKE
-05	.000030 SELECTIVE GOLD	TAIL-ELECTROSOLDER PLATE
-06	.000050 SELECTIVE GOLD	TAIL-GOLD STRIKE
-07	.000050 SELECTIVE GOLD	TAIL-ELECTROSOLDER PLATE
-08	.000020 SELECTIVE GOLD	TAIL-GOLD STRIKE
-09	.000020 SELECTIVE GOLD	TAIL-ELECTROSOLDER PLATE

MANUFACTURERS' ORDERING KEYS

MEI09

METHODE ELECTRONICS, INC.

EXAMPLE



A. SERIES

Post/Boxe
Connector

B. CONTACT FINISH

0 - Tin
8 - Selective Gold

C. ROW SIZE

1 = Single Row
2 = Dual Row

D. NUMBER OF CONTACTS

(1-65)

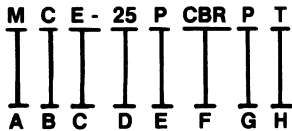
E. MOUNTING STYLE

301 = Vertical Mount
302 = Horizontal Mount
303 = Vertical Mount In-Line Tails

MNE08

MIN-E-CON

EXAMPLE



A. SERIES

B. METAL SHELL FINISH

C = Cadmium/Yellow Chromate
N = Electroless Nickel

C. INSULATOR MATERIAL

E = Polyester

D. CONTACT LAYOUT (SHELL SIZE)

9, 15, 21, 25, 31, 37, 51

E. CONTACT TYPE

P = Pin
S = Socket

F. CIRCUIT BOARD MOUNTED

Right Angle Terminations

G. JACKPOST

Omit 'P' If Jackposts Are Not Wanted

H. THREADED INSERTS

#2-56UNC-2B

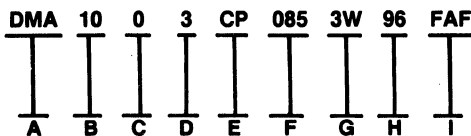
Not Available for Size 9

Omit 'T' If Inserts Are Not Wanted

EFB09

ELFAB INTERCONNECTION INNOVATORS

EXAMPLE



A. SERIES

Connector Type

B. SPACING

.100

C. ROW ORIENTATION

1 - Row A Only
2 - Row B Only
3 - Row C Only
4 - Rows A & B Only
5 - Rows A & C Only
6 - Rows B & C Only

D. ROWS USED

1,2 or 3

E. MODIFIER

CP - Compliant Press-fit
CS - Solid Press-fit
ST - Solder Tail

F. BULLET LENGTH

Mfr. Identification Code

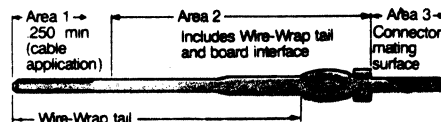
G. NUMBER OF WRAPS

0,2 or 3

H. TOTAL CONTACTS

Mfr. Identification Code

I. PLATING



Specify	Area 1	Area 2	Area 3
ZZD	Tin	Tin	Gold 20 μin
AAD	Gold 5 μin	Gold 5 μin	
DAD	Gold 20 μin	Gold 5 μin	

Base plating: 50-150 μin nickel. Per QQ-N-290

Optional plating over base:

Tin, per Mil-T-1027, Type I

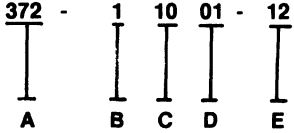
Gold, per Mil-G-45204, Type I

MANUFACTURERS' ORDERING KEYS

MEI06

METHODE ELECTRONICS, INC.

EXAMPLE



A. SERIES

B. MOUNTING STYLE

- 0 - Vertical without mounting ears
- 1 - Vertical with mounting ears
- 2 - Right angle without mounting ears

C. NUMBER OF CONTACTS

- 10/20, 12/24, 13/26, 15/30, 17/34, 18/36
- 20/40, 22/44, 25/50, 30/60, 31/62

D. TERMINAL STYLE

- 01 - Solder Dip
- 02 - Solder Eye

E. PLATING

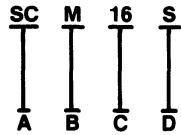
- 12 - .000010 Selective Gold over .000050 Nickel-Tail Electro solder Plate
- 14 - .000030 Selective Gold over .000050 Nickel-Tail Electro solder Plate

NOTE: Consult factory for additional plating available.

SCEC04

SHYARO CHI ENTERPRISE CO., LTD

EXAMPLE



A. SERIES PREFIX

B. MALE CONNECTOR

C. PIN NUMBER

- 16, 20, 26, 34, 40, 50

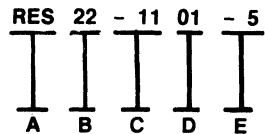
D. TERMINATION

- S: Straight
- R: Right Angle

KAM18

KEL-AM INCORPORATED

EXAMPLE



A. SERIES

B. NO. OF CONTACTS PER ROW

- 6, 10, 12, 15, 18, 22, 25, 28

C. TERMINAL

- 11 = Eyelet
- 12 = Dip Solder

D. CONTACT PLATING

CODE	GOLD AT AREA "C"	TERMINAL PLATING	UNDERPLATING
01	.000010	.000010 Gold	.000030 Nickel
03	.000030	.000030 Gold	.000050 Nickel
52	.000020	Gold Flash	.000040 Nickel
53	.000030	Gold Flash	.000050 Nickel
42	.000020	Tin/Lead	.000040 Nickel
41	.000010	Tin/Lead	.000030 Nickel

E. OPTION

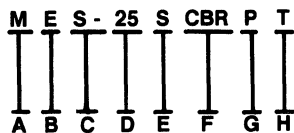
- 5 = With Ears

MANUFACTURERS' ORDERING KEYS

MNE09

MIN-E-CON

EXAMPLE



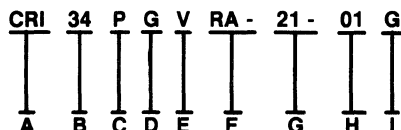
- A. SERIES**
- B. INSULATOR MATERIAL**
E = Polyester
- C. INTERFACIAL SEAL**
S = Silicone Rubber Seal on Socket (Receptacle) Side Only. Omit 'S' If Ordering a Pin (Plug) Side, or If No Seal is Wanted.
- D. CONTACT LAYOUT (SHELL SIZE)**
9, 15, 21, 25, 31, 37, 51

- E. CONTACT TYPE**
P = Pin
S = Socket
- F. CIRCUIT BOARD MOUNTED**
Right Angle Terminations
- G. JACKPOST**
Omit 'P' If Jackposts Are Not Wanted
- H. THREADED INSERTS**
#2-56UNC-2B
Not Available for Size 9
Omit 'T' If Inserts Are Not Wanted

MBC4

MIDDLEBURG CORPORATION

EXAMPLE



NOTE: Omit Steps Not Required

- A. SERIES**
Step 1
CRI SERIES
- B. NO. OF CONTACTS**
Step 2
9, 14, 18, 20, 26, 34, 41, 42, 50
- C. CONTACT DESIGNATION**
Step 3
P - Pin S - Socket

- D. GUIDES AND JACKSCREWS**
Step 4
G - Polarized cylindrical guides
FSL - Polarized fixed jackscrew and jacksocket

- E. VIBRATION**
Step 5
V - Vibration Tabs
- F. TAIL ORIENTATION**
Step 6
RA = Right angle
Note: To order bracket separately use
CRB-H (heavy duty)
CRB-C (compact)
SW = Straight

- G. CONTACT TYPE**
Step 7
-21 = .051 Dia. R/A (Heavy Duty)
-31 = .036 Dia. R/A (Compact)
-41 = .051 Dia. Straight
-51 = .036 Dia. Straight

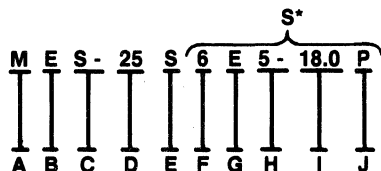
- H. TAIL LENGTH**
Step 8
-01 = .100 (.062 PCB)
-02 = .171 (.125 PCB)

- I. PLATING**
Step 9
G = Gold over copper contact, tin lead tail
T = All tin lead contact and tail (consult sales for other options)

MNE03

MIN-E-CON

EXAMPLE



- A. SERIES**
- B. INSULATOR MATERIAL**
E = Polyester
R = Ryton
- C. INTERFACED SEAL**
Omit this letter if ordering a pin (plug) side or if no seal is wanted.
On socket (Receptacle) side
S = Silicone rubber seal
- D. CONTACT LAYOUT**
9, 15, 21, 25, 31, 37, 51, 100
- E. CONTACT TYPE**
P = Pin
S = Socket
- F. WIRE SIZE (AWG)**
4 = 24, 6 = 26, 8 = 28, 0 = 30
- G. WIRE TYPE**
Stranded wire per MIL-W-16878
C = Bare Solid Copper

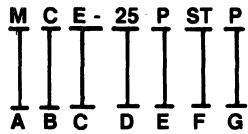
- E = 7 Strand Type E
F = 7 Strand Type ET
G = 19 Strand Type E
H = 19 Strand Type ET
- H. INSULATION COLOR OR BARE COPPER FINISH**
1 = All White
2 = All Yellow
3 = Tinned
4 = Gold Plated
5 = Color Coded per MIL-STD 681, System 1
- I. LEAD LENGTH IN INCHES**
- J. ATTACHING HARDWARE**
(Omit if not required)
J = Tall Jackscrew
L = Low Jackscrew, Slot
P = Jackpost (packaged with connector but not installed)
H = Hex Socket drive-low profile
*S = Solder Cup (26 gauge max) Socket Side Only

MANUFACTURERS' ORDERING KEYS

MNE04

MIN-E-CON

EXAMPLE



A. SERIES

B. METAL SHELL FINISH

C = Cadmium/Yellow Chromate
N = Electroless Nickel

C. INSULATOR MATERIAL

E = Polyester

D. CONTACT LAYOUT

9, 15, 21, 25, 31, 37

E. CONTACT TYPE

P = Pin
S = Socket

F. CIRCUIT BOARD MOUNTED

Straight Terminations

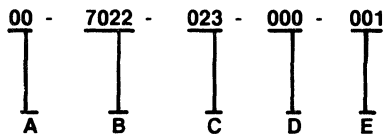
G. JACKPOST

Omit 'P' if Jackposts Are Not Wanted

ELO10

ELCO CORPORATION

EXAMPLE



A. PREFIX

00 - Complete Connection Code

B. SERIES

Manufacturer Identification Code

C. NUMBER OF CONTACTS

017, 023, 029, 035, 041, 047, 051

D. CONTACT CODE

Manufacturer Identification Code

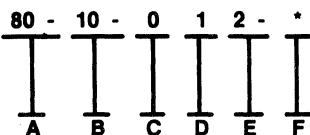
E. VARIATION CODE

001 - 1/16" Module Card Thickness
002 - 3/32" Module Card Thickness

WCH33

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series 80

B. NO. OF CONTACTS

10, 14, 16, 20, 26,
34, 40, 50, 60

C. CONTACT TYPE

0 = Straight Pin
1 = Right Angle Pin

D. CONTACT STYLE

0 = .025" Sq. Wire Wrap, .610" Extension
1 = .025" Sq. Dip Solder, .112" Extension
For .062" P.C. Board
2 = .025" Sq. Dip Solder, .175" Extension
For .125" P.C. Board
3 = .028" Dia. Dip Solder, .112" Extension
For .062" P.C. Board
4 = .028" Dia. Dip Solder, .175" Extension
For .125" P.C. Board

E. EJECTOR LATCH OPTIONS

(If latch not required, see 70 Series Pin Cup)

0 = Connector without latches
1 = For use with 51 Series socket connector
without strain relief.
2 = For use with 51 Series socket connector
with strain relief.
3 = For use with 61 or 81 Series socket or
any socket connector without strain
relief and overall height of .420".
4 = For use with 61 or 81 Series socket or
any socket connector with strain relief
and overall height of .570".

F. CONTACT PLATING

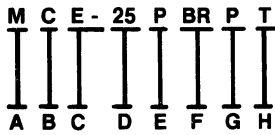
Consult Sales Dept. for Options.

MANUFACTURERS' ORDERING KEYS

MNE06

MIN-E-CON

EXAMPLE



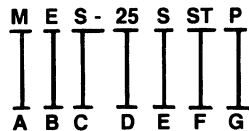
- A. SERIES**
- B. METAL SHELL FINISH**
C = Cadmium/Yellow Chromate
N = Electroless Nickel
- C. INSULATOR MATERIAL**
E = Polyester
- D. CONTACT LAYOUT (SHELL SIZE)**
9, 15, 21, 25, 31, 37, 51

- E. CONTACT TYPE**
P = Pin
S = Socket
- F. CIRCUIT BOARD MOUNTED**
Right Angle Terminations
- G. JACKPOST**
Omit 'P' If Jackposts Are Not Wanted
- H. THREADED INSERTS**
#2-56UNC-2B
Omit 'T' If Inserts Are Not Wanted

MNE05

MIN-E-CON

EXAMPLE



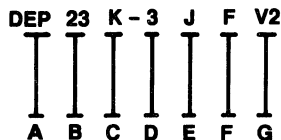
- A. SERIES**
- B. INSULATOR MATERIAL**
E = Polyester
- C. INTERFACIAL SEAL**
S = Silicone Rubber Seal on Socket (Receptacle) Side Only. Omit 'S' If Ordering a Pin (Plug) Side, or If No Seal is Wanted

- D. CONTACT LAYOUT**
9, 15, 21, 25, 31, 37
- E. CONTACT TYPE**
P = Pin
S = Socket
- F. CIRCUIT BOARD MOUNTED**
Straight Terminations
- G. JACKPOST**
Omit 'P' If Jackposts Are Not Wanted

AEI01

ARMEL ELECTRONICS, INC.

EXAMPLE



- A. SERIES**
- B. NUMBER OF CONTACTS**
- C. CONTACT STYLE**
S - Socket Contacts, Open Entry
K - Socket Contacts, Closed Entry
P - Pin Contacts
- D. CONTACT TERMINATION**
- E. INSULATION MATERIAL**
M - Diallyl Phthalate, Glass-Fiber Filled per MIL-M-14, Type GDI-30
J - Diallyl Phthalate, Glass-Fiber Filled per MIL-M-14, Type GDI-30F
L - Diallyl Phthalate, Glass-Fiber Filled per MIL-M-14, Type SDG-F
L2 - Diallyl Phthalate, Glass-Fiber Filled per MIL-M-14, Type SDG-F Color Black
H - Diallyl Phthalate, Orlon Filled per MIL-M-14, Type SDI-5

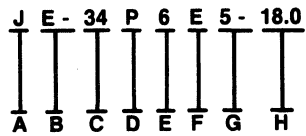
- F. SUPPLEMENTARY CONTACT TERMINAL FINISH**
None - No Supplementary Contact Terminal Finish
F - Solder (60-40) with Water Soluble Rosin Flux (Solder cup prefilled) (Right Angle, Straight Pin, Eyelet and Turret - Dip Soldered)
- G. CONTACT PLATING**
V2 - Gold Plate (.00005) per MIL-G-45204, Type II, Class I over Copper Strike
T3 - Gold Plate (.00005) per MIL-G-45204, Type II, Class I over Nickel Plate (.0001) per QQ-N-290, Type VII, Class I (low stress nickel) over Copper Plate per MIL-C-14550, Class 4.
T6 - Gold Plate per MIL-G-45204, Type II, Class I, Grade C over Gold Plate per MIL-G-45204, Type I, Class 00, Grade A over Nickel Plate per QQ-N-290, 30-50 microinches (low stress nickel) over Copper Plate per MIL-C-14550, Class 4. Other platings available upon request.

MANUFACTURERS' ORDERING KEYS

MNE10

MIN-E-CON

EXAMPLE



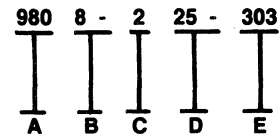
- A. SERIES**
- B. INSULATOR MATERIAL**
E = Polyester
- C. CONTACT LAYOUT**
16, 34
- D. CONTACT TYPE**
P = Pin (Plug)
S = Socket (Receptacle)
- E. WIRE SIZE (AWG)**
4 = 24, 6 = 26, 8 = 28, 0 = 30
- F. WIRE TYPE**
Stranded Wire Per MIL-W-16878
C = Bare Solid Copper

- E = 7 Strand Type E
- F = 7 Strand Type ET
- G = 19 Strand Type E
- H = 19 Strand Type ET
- G. INSULATION COLOR OR BARE COPPER FINISH**
1 = All White
2 = All Yellow
3 = Tinned
4 = Gold Plated
5 = Color Coded Per MIL-STD-681, System 1
- H. LEAD LENGTH IN INCHES**

ME111

METHODE ELECTRONICS, INC.

EXAMPLE



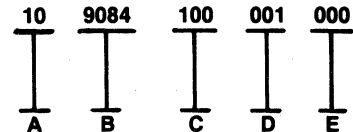
- A. SERIES**
POST/BOXE
POLARIZED
CONNECTOR

- B. CONTACT FINISH**
0 - TIN
8 - SELECTIVE GOLD
- C. ROW SIZE**
2 = Dual ROW
- D. NUMBER OF POSITIONS**
(2-60)
- E. MOUNTING TYPE**
302 = Horizontal Mount
303 = Vertical Mount

ELO24

ELCO CORPORATION

EXAMPLE



- A. CONNECTOR TYPE**
10 - Header
- B. SERIES**
Mfr. Identification Code
- C. NUMBER OF POSITIONS**
100-684

D. CONTACT DESIGNATION CODE

CODE NO.	DESCRIPTION	TERMINAL LENGTH in.
001	.025 sq. terminal press fit	.733
002	.025 sq. terminal press fit	.250
003	.025 sq. terminal press fit	.533

E. VARIATION CODE

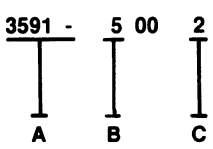
PLATING DESCRIPTION **		
Mating Area	30 Gold	30 Gold
Terminal Area	75/175 Tin/Lead	Gold Flash
VARIATION CODE NUMBERS		INSULATOR STYLE
000	001	No guide
010	011	Single guide
020	021	Double guide

MANUFACTURERS' ORDERING KEYS

MMM02

ELECTRONIC PRODUCTS DIVISION /3M

EXAMPLE



A. SERIES
3591

B. PIN CONFIGURATION
5 = Right Angle Boxed
6 = Straight Boxed

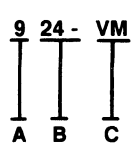
C. BOARD THICKNESS & PIN LENGTH

- 2 = For .062" (1,57) thick board; .112" (2,84) longer solder pin .018" (0,46) square
- 3 = For .094" to .125" (2,39 to 3,18) thick board, .155" (3,94) long solder pin .018" (0,46) square
- 5 = Wrap pin, .025" (0,64) square

MAG01

MAGNUM ELECTRIC

EXAMPLE



A. SERIES NUMBER
900 Series

B. NUMBER OF CONTACTS
02-24 Contacts (900 & 900 VM Series)
02-12 Contacts (900 RA Series)

C. STYLE

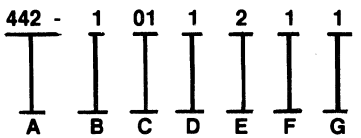
Part No.	TERMINAL STRIP		
	Wire Access	Screw Access	Header
9XX	Side	Top	H9XX
9XX-VM	Top	Side	H9XX-VM
9XX-RA	Side	Top	H9XX-RA

Substitute 02-24 (as applicable) for XX in part number to indicate number of positions

WCC06

WELCON CONNECTOR COMPANY

EXAMPLE



A. POST LENGTH
2 - .230
3 - .318

B. ROW SIZE
1 - Single Row
2 - Dual Row

C. TOTAL NUMBER OF PINS
1 - 72

D. TAIL LENGTH

POST LENGTH "A"	X	TAIL LENGTH "B"		OVERALL LENGTH "C"	
		In.	Mm	In.	Mm
.230" 5.84	1	.095	2.41	.425	10.80
	2	.125	3.18	.455	11.56
	3	.225	5.72	.555	14.10
	4	.425	10.80	.755	19.18
.318" 8.10	1	.095	2.41	.513	13.03
	2	.125	3.18	.543	13.79
	3	.225	5.72	.643	16.33
	4	.425	10.80	.843	21.41

E. PIN PLATING
Mfr. Identification Code

- 1 - 150 microinches 90/10 tin/lead all-over over 50 microinches nickel.
- 2 - 15 microinches gold over 50 microinches nickel in the contact area, 150 microinches 90/10 tin/lead plated tails.
- 3 - 30 microinches gold over 50 microinches nickel in the contact area, 150 microinches 90/10 tin/lead plated tails.

F. PIN MATERIAL
Mfr. Identification Code

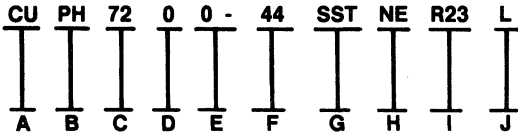
G. BODY MATERIAL

MANUFACTURERS' ORDERING KEYS

MRC03

MIDLAND ROSS ELECTRONIC CONNECTOR DIVISION

EXAMPLE



A. CONTACT PLATING

- C - .000010 in. (.000254mm) gold all over
- M - .000030 in. (.000762mm) gold all over
- CU - .000010 in. (.000254mm) gold at point of contact, unplated termination area
- CT - .000010 in. (.000254mm) gold at point of contact, .00010 in. tin/lead termination area
- MU - .000030 in. (.000762mm) gold at point of contact, unplated termination area
- MT - .000030 in. (.000762mm) gold at point of contact, .00010 in. tin/lead termination area

B. INSULATOR MATERIAL

PH - Phenolic (black)

C. PRODUCT SERIES

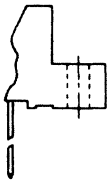
Mfr. Identification Code

D. CONTACT STYLE

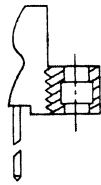
- 0 - .025 in. (.635mm) sq. semi bellows
- 7 - .025 in. (.635mm) sq. full bellows
- 6 - .026 in. (.660mm) dia. full bellows

E. MOUNTING STYLE

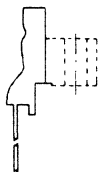
- 0 - Standard insulator configuration (44 and 72 only)
- 2 - Flush mounting only



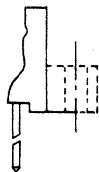
FLUSH MOUNTING EAR



4-40 THREADED INSERT



REGULAR MOUNTING EAR



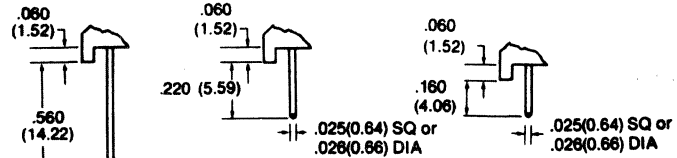
NO MOUNTING EARS

F. NUMBER OF CONTACTS

44, 56, 72, 86

G. CONTACT TERMINATION: STRAIGHT TAIL

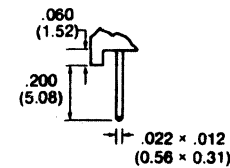
- Omit - .560 in. (14.22mm) long (.025(.635) sq. only)
- ST - .220 in. (5.59mm) long
- SST - .160 in. (4.06mm) long



WIRE WRAP

ST DIP SOLDER

SST DIP SOLDER (SERIES 7202 ONLY)



MT DIP SOLDER

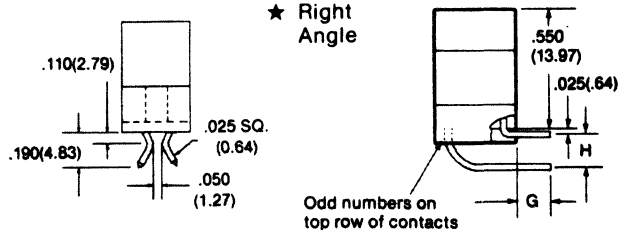
H. MOUNTING OPTIONS

- Omit - .125 in. (3.18mm) dia. mounting holes
- T - 4-40 threaded insert
- NE - No mounting ears
- TD - Transverse Drilled

I. PRODUCT OPTIONS

- L - Special card slot length (size 86 only)
- Omit - standard card slot length
- R23 - .100 x .150 (2.54 x 3.81)
- R24 - .100 x .200 (2.54 x 5.08)
- R33 - .150 x .150 (3.81 x 3.81)
- R34 - .150 x .200 (3.81 x 5.08)
- R43 - .200 x .150 (5.08 x 3.81)

EC - .190 in. (4.83mm) long extender card contacts



(EC) EXTENDER CONTACT

RIGHT ANGLE

RIGHT ANGLE ORDER CODE

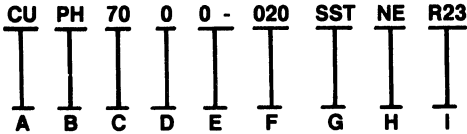
R**	G	H
R23	.100(2.54)	.150(3.81)
R24	.100(2.54)	.200(5.08)
R33	.150(3.81)	.150(3.81)
R34	.150(3.81)	.200(5.08)
R43	.200(5.08)	.150(3.81)

MANUFACTURERS' ORDERING KEYS

MRC01

MIDLAND ROSS ELECTRONIC CONNECTOR DIVISION

EXAMPLE



A. CONTACT PLATING

- C - .000010 in. (.000254mm) gold all over
- M - .000030 in. (.000762mm) gold all over
- CU - .000010 in. (.000254mm) gold at point of contact, unplated termination area
- CT - .000010 in. (.000254mm) gold at point of contact, .00010 in. tin/lead termination area
- MU - .000030 in. (.000762mm) gold at point of contact, unplated termination area
- MT - .000030 in. (.000762mm) gold at point of contact, .00010 in. tin/lead termination area

B. INSULATOR MATERIAL

- PH - Phenolic (black)
- VL - Glass filled polyester (62 position only)

C. PRODUCT SERIES

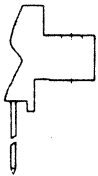
Mfr. Identification Code

D. CONTACT STYLE

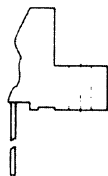
- 0 - .025 in. (.635mm) sq. semi bellows
- 7 - .025 in. (.635mm) sq. full bellows
- 6 - .026 in. (.660mm) dia. full bellows

E. MOUNTING STYLE

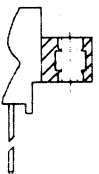
- 0 - Std. mounting
- 2 - Flush mounting (sizes 50, 60, 62, 72, 100, 130)



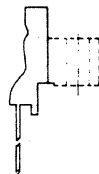
REGULAR MOUNTING EAR



FLUSH MOUNTING EAR



4-40 THREADED INSERT



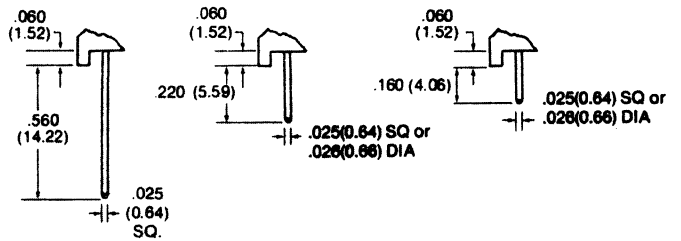
NO MOUNTING EARS

F. NUMBER OF CONTACTS

- 20, 30, 40, 44, 50,
- 56, 60, 62, 70, 72,
- 80, 86, 100, 110,
- 120, 130, 140

G. CONTACT TERMINATION: STRAIGHT TAIL

- Omit - .560 in. (14.22mm) long (.025(.635) sq. only)
- ST - .220 in. (5.59mm) long
- SST - .160 in. (4.06mm) long



WIRE WRAP

ST DIP SOLDER

SST DIP SOLDER

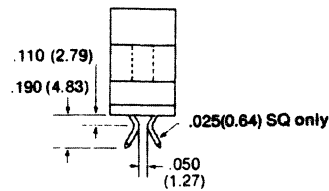
H. MOUNTING OPTIONS

- Omit - .125 in. (3.18mm) dia. mounting holes
- T - 4-40 threaded insert
- NE - No mounting ears
- TD - Transverse Drilled

I. PRODUCT OPTIONS

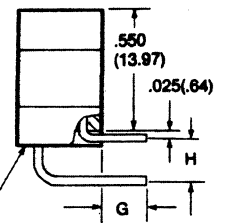
- R23 - .100 x .150 (2.54x3.81)
- R24 - .100 x .200 (2.54x5.08)
- R33 - .150 x .150 (3.81x3.81) ★
- R34 - .150 x .200 (3.81x5.08)
- R43 - .200 x .150 (5.08x3.81)
- EC - .190 in. (4.83mm) long extender card contacts

★ Right Angle



(EC) EXTENDER CONTACT

Odd numbers on top row of contacts



RIGHT ANGLE

RIGHT ANGLE ORDER CODE

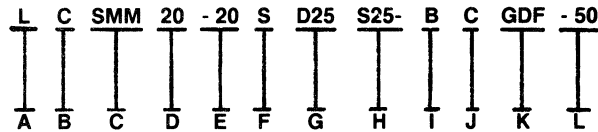
R**	G	H
R23	.100(2.54)	.150(3.81)
R24	.100(2.54)	.200(5.08)
R33	.150(3.81)	.150(3.81)
R34	.150(3.81)	.200(5.08)
R43	.200(5.08)	.150(3.81)

MANUFACTURERS' ORDERING KEYS

CCC15

CONTINENTAL CONNECTORS CORP.

EXAMPLE



A. MODIFIER

L — OPTIONAL 3-48 THREAD AVAILABLE ON SCREWLOCKS, FIGURES 8, 10, 12, 13, 14, & 16 (SEE PAGES 6 & 7)
OMIT MODIFIER FOR STANDARD SCREWLOCK THREAD (2-56)

B. CLOSED ENTRY SOCKET CONTACTS

OPEN ENTRY CONSTRUCTION (STANDARD) WILL BE SUPPLIED UNLESS OTHERWISE SPECIFIED

C — CLOSED ENTRY

C. SERIES DESIGNATION

SMM — PIN CONTACTS
CSMM — SOCKET CONTACTS

D. NUMBER OF CONTACTS

ENTER NUMBER OF CONTACTS, 4 THRU 104

E. CONTACT SIZE

20 — NUMBER 20 CONTACT, .040" (1.02MM) DIAMETER

F. PIN OR SOCKET CONTACTS

P — PIN CONTACTS
S — SOCKET CONTACTS

G. TYPE OF TERMINAL (SEE PAGE 5 OR 9, AS APPLICABLE)

SOLDER CUP TERMINATIONS WILL BE SUPPLIED UNLESS OTHERWISE SPECIFIED

FLOW (DIP) SOLDER, .040" (1.02MM) DIAMETER

DD10 — .105" (2.67MM) LONG
DD14 — .140" (3.56MM) LONG
DD17 — .170" (4.32MM) LONG
DD20 — .200" (5.08MM) LONG

FLOW (DIP) SOLDER, .022" (.56MM) DIAMETER

D10 — .105" (2.67MM) LONG
D14 — .140" (3.56MM) LONG
D17 — .170" (4.32MM) LONG
D20 — .200" (5.08MM) LONG

RIGHT ANGLE, FLOW (DIP) SOLDER (SEE PAGES 12, 13, 14, 15)

D9103 — .093" (2.36MM) LONG, .10" (2.5MM) BETWEEN ROWS
D9104 — .125" (3.18MM) LONG, .10" (2.5MM) BETWEEN ROWS
D9105 — .156" (3.96MM) LONG, .10" (2.5MM) BETWEEN ROWS
D9153 — .093" (2.36MM) LONG, .15" (3.8MM) BETWEEN ROWS
D9154 — .125" (3.18MM) LONG, .15" (3.8MM) BETWEEN ROWS
D9155 — .156" (3.96MM) LONG, .15" (3.8MM) BETWEEN ROWS

WIRE — WRAPPING

W 27 — .250" (6.35MM) LONG
W 40 — .380" (9.65MM) LONG
W 55 — .540" (13.72MM) LONG

H. HARDWARE

(GUIDES / SCREWLOCKS / CABLE HOODS)

POLARIZING GUIDES
STANDARD GUIDES (FIG. 1 PAGE 6) WILL BE SUPPLIED UNLESS OTHERWISE SPECIFIED

SS — CRES (FIG. 1 PAGE 6)
25 — .25" (6.4MM) STUD, BRASS (FIG. 2 PAGE 6)
SS25 — .25" (6.4MM) STUD, CRES (FIG. 2 PAGE 6)
G — SOCKET GUIDE FOR ELECTRICAL CONDUCTIVITY (FIG. 3, PAGE 6)

POLARIZING GUIDES WITH CABLE HOODS

H — TOP CABLE OPENING, STANDARD GUIDES (FIG. 4 PAGE 6)
H-1 — SIDE CABLE OPENING, STANDARD GUIDES (FIG. 4 PAGE 6)

FIXED SCREWLOCKS

S — STANDARD, .15" (3.8MM) STUD (FIG. 7 PAGE 6)
S25 — .25" (6.4MM) STUD (FIG. 8 PAGE 6)
S32 — .32" (8.1MM) STUD (FIG. 9 PAGE 6)

SHORT TURNABLE SCREWLOCKS

SK — LONG KNOB, C.R.S. (FIG. 10 PAGE 7)
SK6 — LONG KNOB, CRES (FIG. 10 PAGE 7)
SK11 — LONG KNOB (FIG. 11 PAGE 7)
SK18 — SHORT KNOB (FIG. 12 PAGE 7)
SK19 — SHORT KNOB (FIG. 13 PAGE 7)
SK24 — SHORT KNOB (FIG. 15 PAGE 7)
SL — WITHOUT KNOB (FIG. 14 PAGE 7)

LONG TURNABLE SCREWLOCKS WITH CABLE HOODS

SKH — TOP CABLE OPENING, C.R.S. KNOB (FIG. 16 PAGE 7)
SKH6 — TOP CABLE OPENING, CRES KNOB (FIG. 16 PAGE 7)
SKH-1 — SIDE CABLE OPENING, C.R.S. KNOB (FIG. 16 PAGE 7)
SKH-1 — SIDE CABLE OPENING, CRES KNOB (FIG. 16 PAGE 7)

STANDARD GUIDES, FIG. 20 PAGE 10, WILL BE SUPPLIED UNLESS OTHERWISE SPECIFIED

POLARIZING GUIDES WITH CABLE HOODS

H — TOP CABLE OPENING (FIG. 23 PAGE 11)
H-1 — SIDE CABLE OPENING (FIG. 23 PAGE 11)

FIXED SCREWLOCKS

S — FIG. 21 PAGE 10

SHORT TURNABLE SCREWLOCKS

SK — FIG. 21 PAGE 10

I. CABLE BRACKETS/ MOUNTING BRACKETS

(CONNECTOR SIZES 4 THRU 50 ONLY)

B — .50" (12.7MM) HIGH (FIG. 5 PAGE 6)
B66 — .68" (22.4MM) HIGH (FIG. 5 PAGE 6)
MB — RIGHT ANGLE MOUNTING BRACKET (SEE PAGE 13 OR 15)

J. PROTECTIVE SHELLS (SEE PAGE 18)

C — PLUG SHELL, UNPOLARIZATION
C () — PLUG SHELL, POLARIZED.
ADD POLARIZATION LETTER A, B, C, D, F OR G.
EXAMPLE: CB (POLARIZED AT B)
P — RECEPTACLE SHELL, UNPOLARIZED
P () — RECEPTACLE SHELL, POLARIZED.
ADD POLARIZATION LETTER A, B, C, D, E, FOR G
EXAMPLE: PB (POLARIZED AT B)

K. DIELECTRIC MATERIALS (SEE NOTE 1 PAGE 3)

DIALLYL PHTHALATE TYPE GDI-30 WILL BE SUPPLIED UNLESS OTHERWISE SPECIFIED
GDF — DIALLYL PHTHALATE TYPE GDI-30F OF MIL-M-14
GP — GLASS PHENOLIC TYPE MFH OF MIL-M-14

L. CONTACT FINISHES (SEE NOTE 4 PAGE 3)

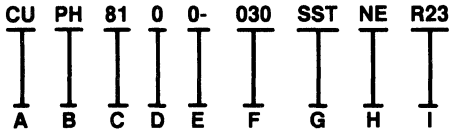
GOLD FLASH FINISH, APPROX. .000015" (.4 MICRON) WILL BE SUPPLIED UNLESS OTHERWISE SPECIFIED
30 — .000030" (.8 MICRON) GOLD
50 — .000050" (1.3 MICRONS) GOLD
100 — .000100" (2.5 MICRONS) GOLD

MANUFACTURERS' ORDERING KEYS

MRC02

MIDLAND ROSS Electronic Connector Division

EXAMPLE



A. CONTACT PLATING

- C - .000010 in. (.000254mm) gold all over
- M - .000030 in. (.000762mm) gold all over
- CU - .000010 in. (.000254mm) gold at point of contact, unplated termination area
- CT - .000010 in. (.000254mm) gold at point of contact, .00010 in. tin/lead termination area
- MU - .000030 in. (.000762mm) gold at point of contact, unplated termination area
- MT - .000030 in. (.000762mm) gold at point of contact, .00010 in. tin/lead termination area

B. INSULATOR MATERIAL

- PH - Phenolic (black)
- VL - Glass filled polyester (100 position only)

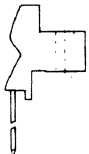
C. PRODUCT SERIES

D. CONTACT STYLE

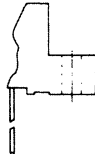
- 0 - .025 in. (.635mm) sq. semi bellows
- 7 - .025 in. (.635mm) sq. full bellows
- 6 - .026 in. (.660mm) dia. full bellows

E. MOUNTING STYLE

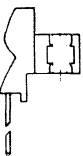
- 0 - Std. mounting
- 2 - Flush mounting (sizes 36, 56, 72, 80, 100)



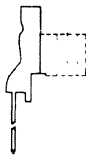
REGULAR MOUNTING EAR



FLUSH MOUNTING EAR



4-40 THREADED INSERT



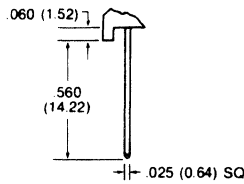
NO MOUNTING EARS

F. NUMBER OF CONTACTS

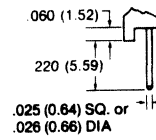
- 30, 36, 44, 56, 60, 62, 70, 72, 80, 86, 100

G. CONTACT TERMINATION: STRAIGHT TAIL

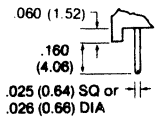
- Omit - .560 in. (14.22mm) long (.025(.635) sq. only)
- ST - .220 in. (5.59mm) long
- SST - .160 in. (4.06mm) long



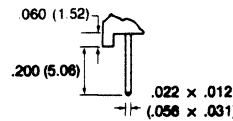
WIRE WRAP



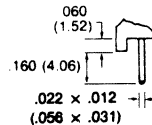
ST DIP SOLDER



SST DIP SOLDER



MT DIP SOLDER



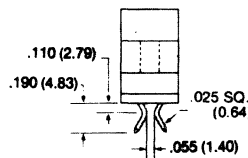
SST DIP SOLDER

H. MOUNTING OPTIONS

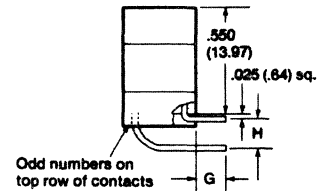
- Omit - .125 in. (3.18mm) dia. mounting holes
- T - 4-40 threaded insert
- NE - No mounting ears
- TD - Transverse Drilled

I. PRODUCT OPTIONS

- R23 - .100 x .150 (2.54x3.81)
 - R24 - .100 x .200 (2.54x5.08)
 - R33 - .150 x .150 (3.81x3.81)
 - R34 - .150 x .200 (3.81x5.08)
 - EC - .190 in. (4.83mm) long extender card contacts
- } Right Angle



EC EXTENDER CONTACT



R** RIGHT ANGLE

RIGHT ANGLE ORDER CODE

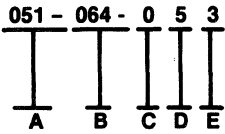
R**	G	H
R23	.100(2.54)	.150(3.81)
R24	.100(2.54)	.200(5.08)
R33	.150(3.81)	.150(3.81)
R34	.150(3.81)	.200(5.08)

MANUFACTURERS' ORDERING KEYS

PAN01

PANDUIT

EXAMPLE



A. SERIES
051

B. NUMBER OF CIRCUITS
(10 thru 64)

C. ANGLE STYLE
0 = Right Angle Pin
1 = Straight Pin

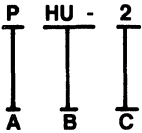
D. PLATING CODE
1 = Tin
3 = 30µin. Gold
5 = 15µin. Gold
9 = Gold Flash

E. TAIL LENGTH
Straight Pin:
3 = .115"
Right Angle:
3 = .090"

SCEC09

SHYARO CHI ENTERPRISE CO., LTD

EXAMPLE

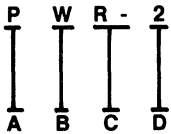


A. POWER CONNECTOR
B. HOUSING
C. PIN NUMBER
2 thru 20

SCEC10

SHYARO CHI ENTERPRISE CO., LTD

EXAMPLE

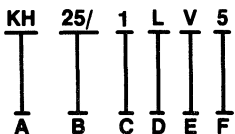


A. POWER
B. WAFER
C. RIGHT ANGLE
D. PIN NUMBER
2 thru 20

VKC01

VIKING CONNECTORS CO.

EXAMPLE



A. CONTACT PLATING
KH .000010 gold engagement area; .000010 gold termination area
VH .000030 gold all over
B. NUMBER OF CONTACT PAIRS
6, 10, 15, 25, 30, 40, 64
C. INSULATOR MATERIAL
1 Diallyl Phthalate (green)

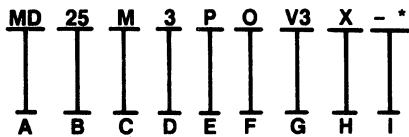
D. SERIES IDENTIFIER
L .050 (1.27) Contact Centers; .062 (1.57) P.C. Board
E. CONTACT TERMINATIONS
V Dip Solder
Z Dip Solder Staggered Row
F. MOUNTING STYLES
5 Thru Hole
12 No Ears

MANUFACTURERS' ORDERING KEYS

PST01

POSITRONIC INDUSTRIES, INC.

EXAMPLE



A. SERIES

B. NO. OF CONTACTS PER ROW

C. CONTACT DESIGNATION

- M - Male
- F - Female

D. CONTACT TYPE

- 2 - Solder, Wire
- 22 - Solder, Wire, Stamped and Formed, Female only.
- 3 - Solder, P/C Board, Straight Mount (.150)
- 32 - Solder, P/C Board, Straight Mount (.375)
- 33 - Solder, P/C Board, Straight Mount (.500)
- 4 - Solder, Right Angle (.450) P/C Mount
- 5 - Solder, Right Angle (.283) P/C Mount
- 59 - Solder, Right Angle (.545) P/C Mount
- 6 - Wrap Post
- 9 - Press-fit, Male only

E. MOUNTING STYLE

- O - Clearance Hole (.120)
- O₂ - Clearance Hole (.154)
- B - Bracket. Mounting 90° Metal
- B₃ - Bracket. Mounting 90° Metal w Cross Bar
- B₇ - Bracket. Mounting 90° Plastic
- B₈ - Bracket. Mounting 90° Plastic w Cross Bar
- B₄ - Bracket. Mounting 90° Plastic w Threaded Metal insert
- B₁₀ - Bracket. Mounting 90° Plastic w Threaded Metal insert w Cross Bar
- F - Floating Bushing, Universal
- P - Post. Threaded (.225) Brass
- P₂ - Post. Threaded (.225) Nylon
- P₃ - Post. Threaded (.437) Nylon
- R₃ - Bracket. Mounting 90° Metal. Swaged to Connector with .120 Dia. Hole
- R₄ - Bracket. Mounting 90° Metal. Swaged to Connector with 4-40 Threads
- R₅ - Bracket. Mounting 90° Metal. Swaged to Connector with Locknut
- R₆ - Bracket. Mounting 90° Metal. Swaged to Connector with .120 Dia. Hole w Cross Bar
- R₇ - Bracket. Mounting 90° Metal. Swaged to Connector with 4-40 Threads w Cross Bar
- R₈ - Bracket. Mounting 90° Metal. Swaged to Connector with Locknut w Cross Bar
- S - Swage Spacer (.225)
- S₂ - Swage Spacer (.125)
- S₃ - Swage Spacer (.125)
- S₄ - Swage Spacer (.225)
- S₅ - Locknut. Nylon Insert

F. HOODS

- O - None
- J - Top Opening, Plastic
- L - Side Opening, Plastic
- K - No Opening, Plastic
- Y - Top Opening, Captive Threadlocks, Plastic
- H - Top Opening, Steel
- M - EMI/RFI Metal
- W - Top or Side Opening, Plastic

G. LOCKS

- O - None
- V₃ - Tab
- VL - Used with Hood Only
- T - Fixed Threadlocks
- T₂ - Fixed Threadlocks
- T₃ - Fixed Threadlocks
- E - Rotating Threadlocks
- E₂ - Screw Lock

H. SHELL OPTIONS

- O - Zinc, dichromate seal
- X - Tin plate
- Z - Tin plate with dimpling

I. SPECIAL OPTIONS

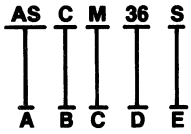
- Consult Sales Department

MANUFACTURERS' ORDERING KEYS

ASL12

A & STEVENSON, INC.

EXAMPLE



A. MANUFACTURER'S IDENTIFICATION

B. SERIES

C - Centronic

C. GENDER

M - Male

F - Female

D. NUMBER OF CONTACTS

14, 24, 36, 50

E. TYPE OF CONTACT

C - Crimping

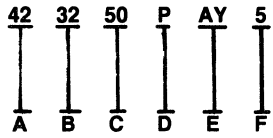
S - Soldering

P - PCB Soldering

WCH44

WINCHESTER ELECTRONICS

EXAMPLE



A. INSERT SERIES CODE

(42)

B. HARDWARE AND ACCESSORIES

30 = No hardware

31 = Guide pin and socket

32 = fixed jackscrew and jackscrew

C. NUMBER OF CONTACTS

50 or 74.

D. PIN CONTACTS

E. POLARIZATION POSITIONS

Specify polarizing positions required.

F. TERMINATION TYPE

4 = Dip solder contacts, pin length .125"

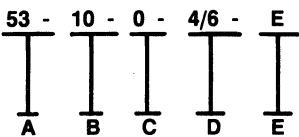
5 = Dip solder contacts, pin length .156"

852 = Right angle dip solder contacts

WCH08

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series 53

B. NUMBER OF CONTACTS

10, 16, 20, 26, 30, 34, 40, 44, 50, 60

C. MOUNTING OPTION

0 = No Mounting

1 = Half Mounting Ears

2 = Full Mounting Ears

D. POLARIZATION OPTION

(Between Contacts):

Using "Even" Numbered Contact Row.

Specify Contact Position Numbers Before and

After Desired Pol. Key Position for Each Pol.

Key Required.

Single Polarization Example: 53- ** - □ - 4/6 -

△; Would Provide a Pol. Key Between Contact

Pair Positions 3, 4 and 5, 6.

Double Polarization Example: 53- ** - □ - 4/6 -

40/42 - △; 3, 4 and 5, 6 and also 39, 40 and

41, 42.

OMIT THIS STEP IF POLARIZATION IS NOT

REQUIRED.

E. CONTACT PLATING

E .000015 Au On Mating End,

Tin On Remainder

D .000030 Au On Mating End,

Tin On Remainder

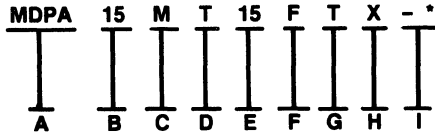
J .0001 - .0002 Sn On Entire Contact

MANUFACTURERS' ORDERING KEYS

PST04

POSITRONIC INDUSTRIES, INC.

EXAMPLE



A. SERIES

MDP*

(*Order as MDPA, MDPB, of MDPC)

B. NO. OF CONTACTS (UPPER)

9, 15, 25, 37

C. CONTACT DESIGNATION (UPPER)

M - Male

F - Female

D. LOCKS & MOUNTING STYLES (UPPER)

O - None

V₃ - Tab

T - Fixed Threadlocks

T₂ - Fixed Threadlocks

T₃ - Fixed Threadlocks

R₆ - Bracket, Mounting 90° Metal, Swaged to Connector with .120 Dia. Hole w/Cross Bar

R₇ - Bracket, Mounting 90° Metal, Swaged to Connector with 4-40 Threads w/Cross Bar

R₈ - Bracket, Mounting 90° Metal, Swaged to Connector with Locknut w/Cross Bar

E. NO. OF CONTACTS (LOWER)

9, 15, 25, 37

F. CONTACT DESIGNATION (LOWER)

M - Male

F - Female

G. LOCKS & MOUNTING STYLES (LOWER)

O - None

V₃ - Tab

T - Fixed Threadlocks

T₂ - Fixed Threadlocks

T₃ - Fixed Threadlocks

R₆ - Bracket, Mounting 90° Metal, Swaged to Connector with .120 Dia. Hole w/Cross Bar

R₇ - Bracket, Mounting 90° Metal, Swaged to Connector with 4-40 Threads w/Cross Bar

R₈ - Bracket, Mounting 90° Metal, Swaged to Connector with Locknut w/Cross Bar

H. SHELL OPTIONS

O - Zinc, dichromate seal

X - Tin plate

Z - Tin plate with dimpling

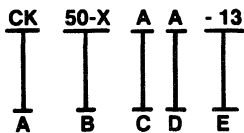
I. SPECIAL OPTIONS

Special Loading of Contacts, Consult Sales Department

EBY04

EBY COMPANY

EXAMPLE



A. SERIES

B. NO. OF DUAL POSITIONS

06, 10, 12, 15, 18, 20, 22, 25, 28, 30, 31, 35, 36, 40, 50

C. CONTACT TERMINATIONS AND LENGTHS

A - Printed Circuit—Straight (.12 Tail Length Min.)

B - Solderless Wrap (.56 Tail Length Min.)

H - Printed Circuit—Right Angle

D. MOUNTING TYPES

A - .125 Dia. Clearance Holes

■ B - #4-40 Threaded Inserts

E - No Mounting Ears

F - Side Mounting (For Right Angle)

E. CONTACT MATERIAL AND FINISH

13 - CA #725 - .000030" Selective Gold* over Nickel

■ 51 - CA #725 - .000100" Tin over Nickel

*Selective Gold is on the male/female engaging area.

■ Note: These items are not standard distributor items.

MANUFACTURERS' ORDERING KEYS

PST06

POSITRONIC INDUSTRIES, INC.

EXAMPLE



- A. SERIES**
B. NO. OF CONTACTS
C. CONTACT DESIGNATION
 M - Male
 F - Female

D. CONTACT TYPE

- 3 - Solder, P/C Board, Straight Mount (.150)
 32 - Solder, P/C Board, Straight Mount (3.75)
 9 - Press-fit

E. MOUNTING STYLE

- O - Clearance Hole (.120)
 O₂ - Clearance Hole (.154)
 P - Post, Threaded (.225) Brass
 P₂ - Post, Threaded (.225) Nylon
 P₃ - Post, Threaded (.437) Nylon
 S - Swage Spacer (.225)
 S₂ - Swage Spacer (.125)
 S₃ - Swage Spacer (.125)
 S₄ - Swage Spacer (.225)
 S₅ - Locknut, Nylon Insert

F. HOODS

- O - None

G. LOCKS

- O - None
 V₃ - Tab
 T - Fixed Threadlocks
 T₂ - Fixed Threadlocks
 T₃ - Fixed Threadlocks
 E - Rotating Threadlocks
 E₂ - Screw Lock

H. SHELL OPTIONS

- O - Zinc, dichromate seal
 X - Tin plate
 Z - Tin plate with dimpling

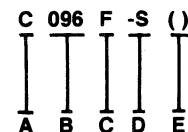
I. SPECIAL OPTIONS

Consult Sales Department

TXT04

TEX-TECHS INC.

EXAMPLE



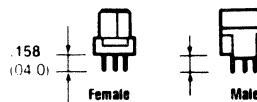
- A. SERIES**
C
- B. CONTACT ARRANGEMENT**
096 All contacts loaded in rows a, b, c
064 All contacts loaded in rows a and c only
864 All contacts loaded in rows a and b only
- C. CONTACT TYPE**
M Male pin
F Female socket

D. TERMINAL TYPE

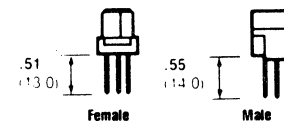
- R** Right angle solder terminals for 0.062"/1.6 mm thick boards (males only)



- S** Straight solder terminal for mother boards up to 0.093"/2.4 mm thick



- W** Straight two-level wire-wrap post



E. DEVIATION NUMBER

Note 1: Other contact platings and custom contact loading configuration are available; consult factory for details.

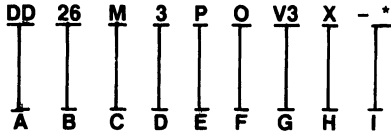
Note 2: First Make - Last Break Option Male pins in row a may be extended .030" (0.75mm) for ground before signal applications. Consult factory for details.

MANUFACTURERS' ORDERING KEYS

PST08

POSITRONIC INDUSTRIES, INC.

EXAMPLE



A. SERIES

B. NO. OF CONTACTS

C. CONTACT DESIGNATION

M - Male
F - Female

D. CONTACT TYPE

- 0 - Ordered without contacts
- 11 - Crimp 22 AWG, supplied with connector
- 3 - Solder, P/C Board Mounted (.150)

- 32 - Solder, P/C Board Mounted (.375)
- 33 - Solder, P/C Board Mounted (.500)
- 4 - Solder, Right Angle (.450) P/C Mount

E. MOUNTING STYLE

- O - Clearance Hole (.120)
- O₂ - Clearance Hole (.154)
- B₃ - Bracket, Mounting 90° Metal w/Cross Bar
- B₈ - Bracket, Mounting 90° Plastic w/Cross Bar
- B₁₀ - Bracket, Mounting 90° Plastic w/Threaded Metal insert w/Cross Bar
- F - Floating Bushing, Universal
- P₄ - Post, Threaded (.375) Nylon
- R₆ - Bracket, Mounting 90° Metal, Swaged to Connector with .120 Dia. Hole w/Cross Bar
- R₇ - Bracket, Mounting 90° Metal, Swaged to Connector with 4-40 Threads w/Cross Bar
- R₈ - Bracket, Mounting 90° Metal, Swaged to Connector with Locknut w/Cross Bar

- S - Swage Spacer (.225)
- S₂ - Swage Spacer (.125)
- S₃ - Swage Spacer (.125)
- S₄ - Swage Spacer (.225)
- S₅ - Locknut, Nylon Insert

F. HOODS

- O - None
- J - Top Opening, Plastic
- L - Side Opening, Plastic
- K - No Opening, Plastic
- Y - Top Opening, Captive Threadlocks, Plastic
- H - Top Opening, Steel
- M - EMI/RFI Metal
- W - Top or Side Opening, Plastic

G. LOCKS

H. SHELL OPTIONS

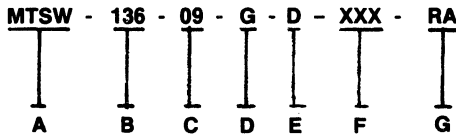
- O - Zinc, dichromate seal
- X - Tin plate
- Z - Tin plate with dimpling

I. SPECIAL OPTIONS

SMI17

SAMTEC

EXAMPLE



D. PLATING OPTION

- G = Gold
- T = Tin
- S = Selective Plating (-07 & -08 only)

E. ROW OPTION

- S = Single Row
- D = Double Row

F. POST HEIGHT

-'XXX' = "C" Dimension

G. OPTION

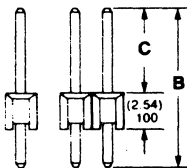
- RA & -RE = Right Angle (Leave blank for straight pin version)
- 'XX' = Polarized (Specify position number for pin removal)

A. TYPE STRIP

B. NUMBER OF PINS PER ROW

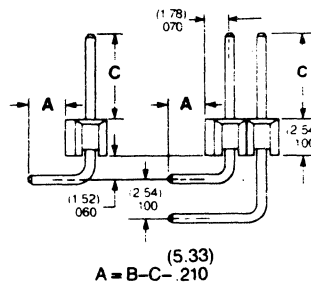
01 thru 36 (36 positions standard)

C. LEAD STYLE

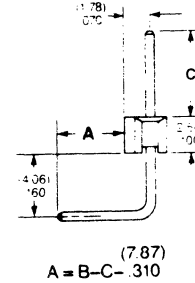


LEAD STYLE	B
-07	(10.92) 430
-08	(13.46) 530
-09	(18.54) 730
-10	(21.08) 830
-11	(23.62) 930
-12	(26.16) 1 030
-13	(31.24) 1 230
-14	(36.32) 1 430
-15	(41.40) 1 630

-RA Options



-RE Options

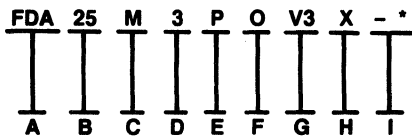


MANUFACTURERS' ORDERING KEYS

PST09

POSITRONIC INDUSTRIES, INC.

EXAMPLE



A. SERIES

- * FDA = 1000 pF
- FDB = 2000 pF
- FDC = 3000 pF

B. NO. OF CONTACTS

C. CONTACT DESIGNATION

- M - Male
- F - Female

D. CONTACT TYPE

- 2 - Solder, Wire, Male only
- 3 - Solder, P/C Board, Straight Mount (.150)
- 32 - Solder, P/C Board, Straight Mount (.375)
- 33 - Solder, P/C Board, Straight Mount (.500)
- 59 - Solder, Right Angle (.545) P/C Mount

E. MOUNTING STYLE

- O - Clearance Hole (.120)
- O₂ - Clearance Hole (.154)
- B - Bracket, Mounting 90° Metal
- B₃ - Bracket, Mounting 90° Metal w/Cross Bar
- B₅ - Bracket, Mounting 90° Metal
- B₇ - Bracket, Mounting 90° Plastic
- B₈ - Bracket, Mounting 90° Plastic w/Cross Bar
- B₉ - Bracket, Mounting 90° Plastic w/Threaded Metal insert
- B₁₀ - Bracket, Mounting 90° Plastic w/Threaded Metal insert w/Cross Bar
- F - Floating Bushing, Universal
- P - Post, Threaded (.225) Brass
- P₂ - Post, Threaded (.255) Nylon
- P₃ - Post, Threaded (.437) Nylon
- R₃ - Bracket, Mounting 90° Metal, Swaged to Connector with .120 Dia. Hole
- R₄ - Bracket, Mounting 90° Metal, Swaged to Connector with 4-40 Threads
- R₅ - Bracket, Mounting 90° Metal, Swaged to Connector with Locknut
- R₆ - Bracket, Mounting 90° Metal, Swaged to Connector with .120 Dia. Hole w Cross Bar
- R₇ - Bracket, Mounting 90° Metal, Swaged to Connector with 4-40 Threads w Cross Bar
- R₈ - Bracket, Mounting 90° Metal, Swaged to Connector with Locknut w Cross Bar
- S - Swage Spacer (.225)
- S₂ - Swage Spacer (.125)
- S₃ - Swage Spacer (.125)
- S₄ - Swage Spacer (.225)
- S₅ - Locknut, Nylon Insert

F. HOODS

- O - None
- J - Top Opening, Plastic
- L - Side Opening, Plastic
- K - No Opening, Plastic
- Y - Top Opening, Captive Threadlocks, Plastic
- H - Top Opening, Steel
- M - EMI/RFI Metal
- W - Top or Side Opening, Plastic

G. LOCKS

- O - None
- V₃ - Tab
- VL - Used with Hood Only
- T - Fixed Threadlocks
- T₂ - Fixed Threadlocks
- T₃ - Fixed Threadlocks
- E - Rotating Threadlocks
- E₂ - Screw Lock

H. SHELL OPTIONS

- X - Tin plate
- Z - Tin plate with dimpling

I. SPECIAL OPTIONS

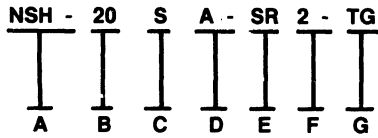
- Consult Sales Department

MANUFACTURERS' ORDERING KEYS

RNI04

ROBINSON NUGENT, INC.

EXAMPLE



A. SERIES

Mfr. Identification Code

B. NUMBER OF CONTACTS

1-36

C. CONTACT ROWS

Single

D. MATING LENGTH

A = .318 inch (8.08 mm)

B = .230 inch (5.84 mm)

E. TERMINATION STYLE

S = Straight Mount

SR = Right Angle Mount

F. TAIL LENGTH

1 = .100 inch (2.54 mm)

2 = .120 inch (3.05 mm)

3 = .165 inch (4.19 mm)

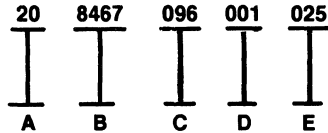
G. PLATING CODE

Specify T, TG

ELO34

ELCO CORPORATION

EXAMPLE



A. PREFIX

20 - Header

B. SERIES

Telecommunication Socket

C. NUMBER OF CONTACT CAVITY POSITIONS

NO. CONTACT POSITIONS	CONTACT ROWS
096	3 (3 x 32)

D. CONTACT DESIGNATION CODE

CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y
001		P.C. contact .025 sq. terminal	.130
002		Right angle P.C. contact .025 terminal	.118
003		Right angle P.C. contact .025 sq. terminal	Row A = .511 Row B = .334 Row C = .197

E. VARIATION CODE

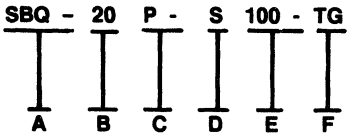
PLATING DESCRIPTION							CONTACT LOADING POSITIONS
Mating Area	32 Gold	20 Gold	10 Gold	32 Gold	20 Gold	10 Gold	
Terminal Area	Gold Flash	Gold Flash	Gold Flash	80/200 Tin/Lead	80/200 Tin/Lead	80/200 Tin/Lead	
	VARIATION CODE NUMBERS						
	097	085	073	025	013	001	Fully loaded, .100 grid
	098	086	074	026	014	002	Row a + c fully loaded, .100 x .200 grid
	099	087	075	027	015	003	Row a fully loaded, .100 grid
	100	088	076	028	016	004	Row b fully loaded, .100 grid
	101	089	077	029	017	005	Row a + b fully loaded, .100 grid
	102	090	078	030	018	006	Row b + c fully loaded, .100 grid
	103	091	079	031	019	007	Row a + b all even numbers, .100 x .200 grid
	104	092	080	032	020	008	Row a + b all uneven numbers, .100 x .200 grid
	105	093	081	033	021	009	Row a + c all even numbers, .200 grid
	106	094	082	034	022	010	Row a + c all uneven numbers, .200 grid
	107	095	083	035	023	011	Row a - c all even numbers, row b all uneven numbers
	108	096	084	036	024	012	Row a - c all uneven numbers, row b all even numbers

MANUFACTURERS' ORDERING KEYS

RNI05

ROBINSON NUGENT, INC.

EXAMPLE



A. SERIES
Mfr. Identification Code

B. NUMBER OF CONTACTS
1-36

C. CONTACT MATERIAL
Phosphor Bronze

D. CONTACT ROWS
Single

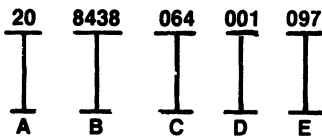
E. CONTACT SPACING
100 inch (2.54 mm)

F. PLATING CODE
Specify T, TG

ELO37

ELCO CORPORATION

EXAMPLE



A. PREFIX
20 - Receptacle

B. SERIES
Compliant press-fit VG/DIN, Style B without flange

C. NUMBER OF CONTACT CAVITY POSITIONS

NO. CONTACT POSITIONS	CONTACT ROWS
064	2 (2 x 32)

D. CONTACT DESIGNATION CODE

CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y	CODE NO.		DESCRIPTION	TERMINAL LENGTH = Y
001		P.C. contact .025 sq. terminal	.208	004		Wire wrap .025 sq. terminal	.913
002		P.C. contact .025 terminal	.366				
003		Wire wrap .025 sq. terminal	.638				

E. VARIATION CODE

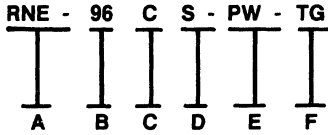
PLATING DESCRIPTION								
Mating Area	32 Gold	20 Gold	10 Gold	32 Gold	20 Gold	10 Gold		
Terminal Area	Gold Flash	Gold Flash	Gold Flash	80/200 Tin/Lead	80/200 Tin/Lead	80/200 Tin/Lead		
VARIATION CODE NUMBERS						CONTACT LOADING POSITIONS		
097	085	073	025	013	001	Fully loaded, .100 grid		
099	087	075	027	015	003	Row a fully loaded, .100 grid		
100	088	076	028	016	004	Row b fully loaded, .100 grid		
103	091	079	031	019	007	Row a + b all even numbers, .100 x .200 grid		
104	092	080	032	020	008	Row a + b all uneven numbers, .100 x .200 grid		

MANUFACTURERS' ORDERING KEYS

RNI03

ROBINSON NUGENT, INC.

EXAMPLE



A. SERIES

Mfr. Identification Code

B. NUMBER OF CONTACTS

32, 64, 96

C. BODY DESIGN

C-Form
3 Row

D. CONNECTOR TYPE

S = Socket Connector
S2 = Even pins only, Row A & C

E. TERMINATION STYLE

S = Solder Tail, Straight
W = Wire Wrap, Straight
PS = Compliant, Press Fit
PW = Compliant Press Fit, Wire Wrap

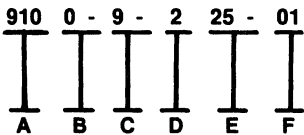
F. PLATING CODE

Specify TG, TG30

MEI10

METHODE ELECTRONICS, INC.

EXAMPLE



A. SERIES

POST/BOXE
HEADER

B. CONTACT FINISH

0 - TIN
2 - GOLD

C. MOUNTING TYPE

8 = Vertical Mount
9 = Horizontal Mount

D. ROW SIZE

2 = Dual Row

E. NUMBER OF POSITIONS

(2-65)

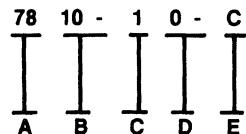
F. CONTACT LENGTH

NO.	"D"	"E"	"F"
01	.320 (8.1)	.160 (4.0)	.125 (3.2)

WCH21

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series 78
Series 79

B. NUMBER OF CONTACT PAIRS

10, 14, 16, 20, 26,
34, 40, 50, 60, 64

C. TAIL LENGTH OPTIONS

1 = .175
2 = .570 } .025 Sq. Wire
3 = .700 } Wrap Tails

D. EJECTOR LATCH OPTIONS

0 = No Latch Required.
1 = For Use With 61 or 81
Series Socket Connector
Without Strain Relief.
2 = For Use With 61 or 81
Series Socket Connector
With Strain Relief.
3 = For Use With 51 Series
Socket Connector **With** or
Without Strain Relief.

E. PLATING

C — .000030 Au selective plating over .000040 Ni on
contact area. Au Flash on C-section and tail
D — .000030 Au selective plating over .000040 Ni on
contact area Bright Solder on C-section and tail.

GOLD FLASH — .000002 to .000005 gold.

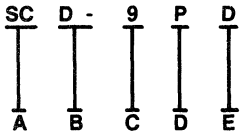
BRIGHT SOLDER — .000080 to .000150 bright solder.

MANUFACTURERS' ORDERING KEYS

SCEC01

SHYARO CHI ENTERPRISE CO., LTD

EXAMPLE



A. SERIES PREFIX

B. D CONNECTOR

C. PIN NUMBER

9, 15, 19, 25, 37, 50

D. TYPE

P: Plug
S: Socket

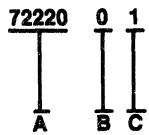
E. TERMINATION

D: Dip Type
W: Wire Wrap

SCB01

SCANBE

EXAMPLE



A. PART NUMBER

B. PIN LENGTH

0 = Solder Tail 7.39mm
3 = 3 Level Wrap 18.05mm

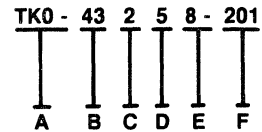
C. PLATING

1 = Gold Outer Sleeve
2 = Tin Outer Sleeve

TPI01

TEKA PRODUCTS, INC.

EXAMPLE



A. SERIES

TKO

B. NO. OF POSITIONS/ROW

1 x 43 SR Vertical Max.
2 x 43 DR Vertical Max.
1 x 65 SR Horizontal Max.
2 x 65 DR Horizontal Max.

C. CONTACT MATERIAL

2 - BeCu

D. INSULATOR MATERIAL

5 - Rynite (PET)

E. FINISH

4 - 30 μ " gold min. contact area only,
150 μ " min. tin alloy on tails
8 - 30 μ " gold min. contact area over
50 μ " nickel min.; gold flash
over 50 μ " nickel min. on tails
9 - 50 μ " gold min. contact area over
50 μ " nickel min.; gold flash on tails
Consult factory for other finishes.

F. CONFIGURATIONS

- 101 Single Row, Vertical
- 201 Double Row, Vertical
- 103 Single Row, Horizontal
- 203 Double Row, Horizontal
- 104 Single Row, Surface Mount
- 204 Double Row, Surface Mount

Note: also available with low profile moldings (.240). Consult factory for availability.

MANUFACTURERS' ORDERING KEYS

SCEC05

SHYARO CHI ENTERPRISE CO., LTD

EXAMPLE

SC E 20
| | |
A B C

- A. SERIES PREFIX
- B. EDGE CONNECTOR
- C. PIN NUMBER
10, 14, 16, 20, 24, 26, 30
34, 40, 50, 60, 64

SCEC06

SHYARO CHI ENTERPRISE CO., LTD

EXAMPLE

PL S - 10 - S
| | | |
A B C D

- A. PIN HEADER
- B. ROWS
S: Single
D: Dual
- C. PIN NUMBER
01 thru 80
- D. TERMINATION
S: Straight
R: Right Angle

SCEC07

SHYARO CHI ENTERPRISE CO., LTD

EXAMPLE

P W L - 2
| | | |
A B C D

- A. POWER
- B. WAFER
- C. LOCK TYPE
- D. PIN NUMBER
2 thru 20

SCEC08

SHYARO CHI ENTERPRISE CO., LTD

EXAMPLE

P W I - 2
| | | |
A B C D

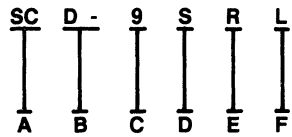
- A. POWER
- B. WAFER
- C. WITHOUT LOCK
- D. PIN NUMBER
2 thru 20

MANUFACTURERS' ORDERING KEYS

SCEC02

SHYARO CHI ENTERPRISE CO., LTD

EXAMPLE

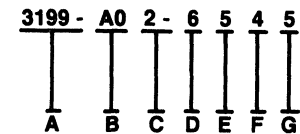


- A. SERIES PREFIX
- B. D CONNECTOR
- C. PIN NUMBER
9, 15, 19, 25, 37, 50
- D. TYPE
P: Plug
S: Socket
- E. RIGHT ANGLE
- F. LONG PIN

LIC1

LORANGER INTERNATIONAL CORPORATION

EXAMPLE



- A. SERIES
LIC SOCKET FAMILY
 - B. NO. OF CONTACTS
A = 10 E = 14
B = 11 F = 15
C = 12 G = 16
D = 13 H = 17
- Examples:
C8 = 128
D0 = 130

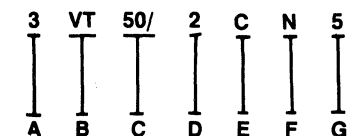
- C. MECHANICAL MOUNTING
1 no mechanical mounting ability
2 with mechanical mounting ability
- D. PLATING
0 No plating
1 .000050" minimum gold (1.27 microns)
2 other gold thicknesses
3 .000100" minimum solderable nickel
4 .000010" minimum gold (0.25 microns)
5 other plating
6 .000030" minimum gold (0.76 microns)
- E. TERMINATION
0 does not apply
1 1/2" extended tail
2 printed circuit board tail
4 other socket termination (EDR)
5 studs

- F. CONTACT MATERIAL
0 does not apply
1 beryllium copper
2 beryllium nickel
4 phosphor bronze
5 other contact material (EDR)
- G. PLASTIC MATERIAL
0 does not apply
1 epoxy
3 melamine
4 heat resistant phenolic
5 ryton
6 G.P. phenolic
7 standard C.R.T. material
8 modified socket (EDR)
9 other plastic material (EDR)

VKC04

VIKING CONNECTOR CO.

EXAMPLE



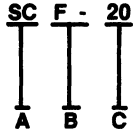
- A. POLARIZATION
3 Between-Contacts (Internal).
 - B. CONTACT PLATING
KH .000010 gold engagement area;
.000010 gold termination area.
KT .000010 gold engagement area;
.000100 - .000150 tin lead termination area.
VH .000030 gold all over.
VN .000030 gold engagement area;
.000010 gold termination area.
VT .000030 gold engagement area;
.000100 - .000150 tin lead termination area.
 - C. NUMBER OF CONTACT PAIRS
10, 15, 18, 22, 28, 31, 35, 36, 40, 50
 - D. INSULATOR MATERIAL
1 Diallyl Phthalate (green)
Standard with VH, VN, and VT platings.
Not available with KT plating.
 - E. SERIES IDENTIFIER
C .125 (3.18) Contact Centers;
.062 (1.57) P.C. Board.
 - F. CONTACT TERMINATIONS
N Pierced Eyelet
E Short Dip Solder
DD Medium Dip Solder
V Dip Solder
 - G. MOUNTING STYLES
3 Threaded Insert
5 Thru Hole
8 Floating Mount
12 No Ears
- 2 Polyester (black)
Standard with KH, KT, VN, and VT platings.
Not available with VH plating.
 - 9 Phenolic (black)
Not available with KT plating

MANUFACTURERS' ORDERING KEYS

SCEC03

SHYARO CHI ENTERPRISE CO., LTD

EXAMPLE

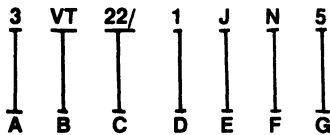


- A. SERIES PREFIX**
- B. FEMALE SOCKET**
- C. PIN NUMBER**
10, 14, 16, 20, 24, 26, 30,
34, 40, 50, 60, 64

VKC02

VIKING CONNECTOR CO.

EXAMPLE

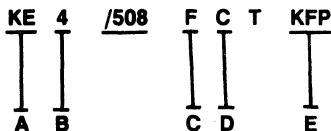


- A. POLARIZATION**
3 Between-Contacts (Internal)
- B. CONTACT PLATING**
KH .000010 gold engagement area;
.000010 gold termination area.
KT .000010 gold engagement area;
.000100 - .000150 tin lead
termination area.
VH .000030 gold all over.
VN .000030 gold engagement area;
.000010 gold termination area.
VT .000030 gold engagement area;
.000100 - .000150 tin lead
termination area.
- C. NUMBER OF CONTACT PAIRS**
6, 10, 15, 18, 20, 22, 25, 28,
30, 31, 35, 36, 40, 43, 44, 50
- D. INSULATOR MATERIAL**
1 Diallyl Phthalate (green)
Standard with VH, VN, and VT platings.
Not available with KT plating.
- E. SERIES IDENTIFIER**
J .100 (2.54) Contact Center;
.062 (1.57) P.C. Board.
- F. CONTACT TERMINATIONS**
N Pierced Eyelet
E Short Dip Solder
DD Medium Dip Solder
V Dip Solder
- G. MOUNTING STYLES**
3 Threaded Insert
5 Thru Hole
8 Floating Mount
12 No Ears

HPT05

HYPERTRONICS CORPORATION

EXAMPLE



A. SERIES

KE

B. NO. OF CONTACTS

Number of Contacts: 4, 8, 16

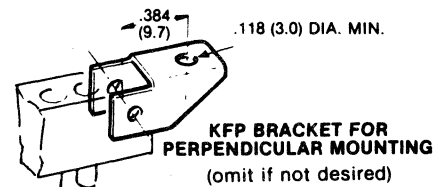
C. CONTACT STYLE

Plug (Male): M
Receptacle (Female): F

D. TERMINAL STYLE

Terminal Style	C,D,F,S,V,W	Ref.
Right Angle Dip Solder		C
Straight Dip Solder		D
Solder Slot		F
Solder Cup		S
Wire Wrap — 2 Windings		V
Wire Wrap — 3 Windings		W

E. MOUNTING BRACKET

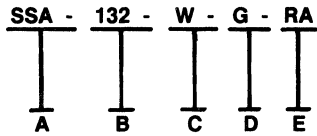


MANUFACTURERS' ORDERING KEYS

SMI24

SAMTEC

EXAMPLE



A. TYPE STRIP

SSA ICC ICK

B. NUMBER OF POSITIONS

01 thru 32 = SSA Series
20 = ICC Series
02 thru 20 = ICK Series

C. LEAD STYLE

Leave Blank for ICK Series
-S = P.C.
-W = Wire Wrap

D. PLATING OPTION

-G = Gold
-T = Tin

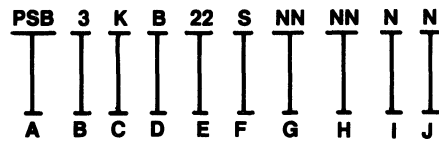
E. RA OPTION

-RA = Right Angle

ACP05

AMARACE CORPORATION

EXAMPLE

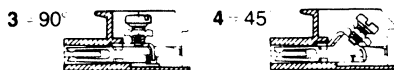


A. MANUFACTURER'S TYPE

PSB Printed Circuit Board Connector

B. TERMINAL SCREW ORIENTATION

Terminal Screw Orientation



C. CONTACT SPACING

K=0.375 in. (6/16")

D. TERMINAL SCREW TYPE

- B = #6 Phil-slot Binding head steel screw, bright zinc and chromate plated
- C = #6 Phil-slot steel screw and clamp, bright zinc and chromate plated - Do not order in combination with other top hardware.
- D = #6 Phil-slot copper alloy screw and clamp, nickel plated - Do not order in combination with other top hardware.

E. NUMBER OF CIRCUITS

06, 08, 10, 12, 14, 16, 18, 20, 22, 24, 26, & 28
(others available on special quote. Consult factory)

F. TERMINAL PLATING

A = Gold
S = Bright Tin

G. TOP HARDWARE OPTIONS

NN=No optional hardware

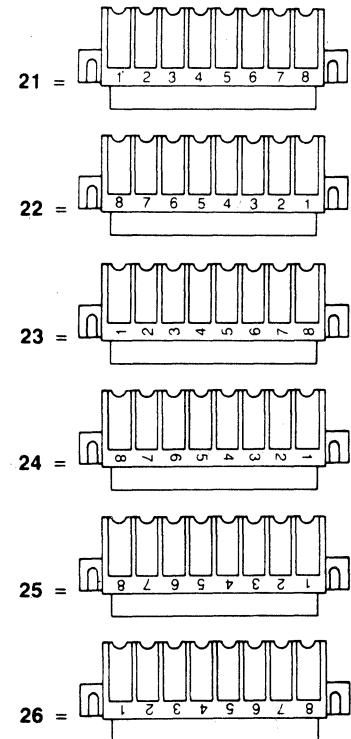
QUICK CONNECT BLADES

Blade	Width		
0.25"	0.187"		
21	41	=	(PSB4K only)
22	42	=	(PSB4K only)
23	43	=	(PSB3K only)
24	44	=	
25	45	=	
29	49	=	(PSB3K only)
30	50	=	(PSB3K only)
31	51	=	(PSB3K only)
34	54	=	(PSB4K only)
35	55	=	
36	56	=	(PSB4K only)

80=Single Sided Solder Tab
(PSB3K only)

H. CIRCUIT IDENTIFICATION

NN=No circuit identification



I. MATERIAL

N = Noryl
Others available on request.
Consult factory

J. COLOR OPTIONS

N = Black

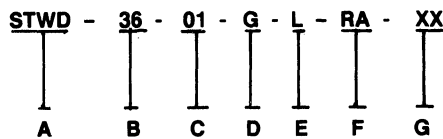
J Other colors available on special order.
Consult factory for availability.

MANUFACTURERS' ORDERING KEYS

SMI23

SAMTEC

EXAMPLE



A. TYPE STRIP

B. NUMBER OF PINS PER ROW

-04 thru -36 = "-L" and "-N" Options
-02 thru -38 = "-A" Option

C. LEAD STYLE

Straight Pin Versions
Specify LEAD STYLE from chart.

Right Angle Versions

Specify LEAD STYLE from chart.

D. PLATING OPTION

-G = Gold
-T = Tin

E. LOCK OPTION

-L = Locking Clips
-A = All Positions Filled
No Locking Clips
-N = No Pins in End Positions
No Locking Clips

F. OPTION #1

-RA = Right Angle

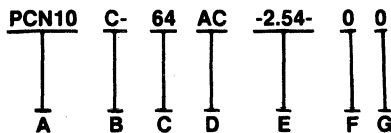
G. OPTION #2

-"XX" = Polarized
Specify "XX" For Omitted Pin.

HRS17

HIROSE ELECTRIC U.S.A., INC.

EXAMPLE



A. SERIES

B. SERIES TYPE

C. NO. OF TERMINALS

D. ROWS USED

Leave blank if all are used

E. SPACING

F. ROWS

0 = Each row fully loaded
1 = Each row even 2, 4, 6, 8 ...
2 = Each row odd 1, 3, 5, 7 ...
3 = 1st row odd, 2nd row even
4 = 1st row even, 2nd row odd

G. TAIL

0 = 4mm TAIL
1 = 8mm TAIL
2 = 13mm TAIL (w.w.)
3 = Press-Fit 15mm
4 = 13mm/Transfer Zone
5 = IDC
6 = 5mm TAIL

NEW ADDITIONS / TAIL
7 = 8mm PRESSFIT
8 = CRIMP TYPE

3 ROW

FULL SIZE

Code	Shell	Description	DIN
A	"C"	Plug Straight	Reverse
B	"C"	Plug Right Angle	Standard
C	"C"	Socket Straight	Standard
D	"C"	Socket Right Angle	Reverse

HALF SIZE

Code	Shell	Description	DIN
J	"CK"	Plug Straight	Reverse
K	"CK"	Plug Right Angle	Standard
L	"CK"	Socket Straight	Standard
M	"CK"	Socket Right Angle	Reverse

2 ROW

FULL SIZE

Code	Shell	Description	DIN
E	"B"	Plug Straight	Reverse
F	"B"	Plug Right Angle	Standard
G	"B"	Socket Straight	Standard
H	"B"	Socket Right Angle	Reverse

HALF SIZE

Code	Shell	Description	DIN
N	"BK"	Plug Straight	Reverse
P	"BK"	Plug Right Angle	Standard
R	"BK"	Socket Straight	Standard
S	"BK"	Socket Right Angle	Reverse

SPECIALS

90 POSITION

Code	Shell	Description	DIN
T	HRS	Plug Straight	Reverse
U	HRS	Plug Right Angle	Standard
V	HRS	Socket Straight	Standard
W	HRS	Socket Right Angle	Reverse

50 POSITION

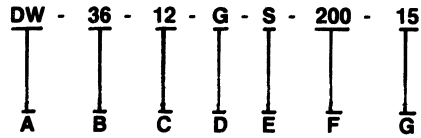
Code	Shell	Description	DIN
X	HRS	Plug Straight	Reverse
Y	HRS	Plug Right Angle	Standard
Z	HRS	Socket Straight	Standard
I	HRS	Socket Right Angle	Reverse

MANUFACTURERS' ORDERING KEYS

SMI18

SAMTEC

EXAMPLE



A. TYPE STRIP

DW = .110" Tail
 EW = .330" Tail
 ZW = Custom Tail

B. NUMBER OF PINS PER ROW

01 thru 36 (36 positions standard)

C. LEAD STYLE

-07 = (10.92)
 .430
 (N/A with EW)
 -08 = (13.46)
 .530
 (N/A with EW)
 -09 = (18.54)
 .730
 -10 = (21.08)
 .830
 -11 = (23.62)
 .930
 -12 = (26.16)
 1.030

-13 = (31.24)
 1.230
 -14 = (36.32)
 1.430
 -15 = (16.00)
 .630

D. PLATING OPTION

-G = Gold
 -T = Tin

E. ROW OPTION

-S = Single Row
 -D = Double Row

F. BOARD SPACE

-"XXX" = Board Space

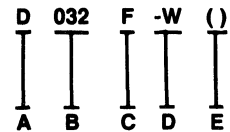
G. ZW TAIL LENGTH

"XX" = Tail Length

TXT08

TEX-TECHS INC.

EXAMPLE



A. SERIES

D

B. CONTACT ARRANGEMENT

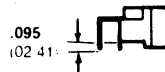
032 All contacts loaded in rows a & c
018 Contacts loaded in points 2, 6, 10, 14, 18, 22, 26, and 30 in rows a & c

C. CONTACT TYPE

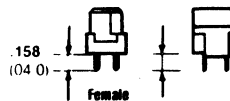
M Male pin
F Female socket

D. TERMINAL TYPE

R Right angle solder terminals for 0.062"/1.6 mm thick boards (males only)



S Straight solder terminal for mother boards up to 0.093"/2.4 mm thick



W Straight two-level wire-wrap post



E. DEVIATION NUMBER

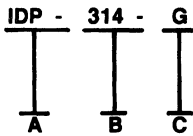
Note 1: Other contact platings and custom contact loading configurations are available. Consult factory for details.
 Note 2: First Make - Last Break Option Male pins in row a may be extended .030" (0.75mm) for ground before signal applications. Consult factory for details.

MANUFACTURERS' ORDERING KEYS

SMI31

SAMTEC

EXAMPLE



A. TYPE

B. ROW SPACING AND NUMBER OF CONTACTS

-314, -316, -624, -640

First digit indicates row spacing. Second two digits indicate number of contacts.

-3 = .300" row spacing (14 & 16 contacts)

-6 = .600" row spacing (24 & 40 contacts)

C. PLATING OPTION

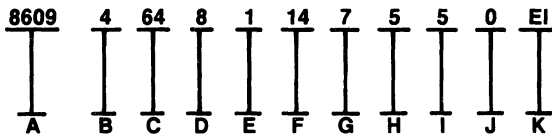
-G = Gold

-T = Tin

DIN04

SOURIAU, INC.

EXAMPLE



A. BASIC SERIES

8609

B. LOADED ROWS

- 1- row a-
- 2- rows a b-
- 3- rows a b c
- 4- rows a-c
- 5- row-b-
- 6- rows-b c
- 7- row-c

C. NUMBER OF CONTACTS

16, 32, 48, 64, 96

D. TYPE OF CONNECTOR

- 5- 64 position insulator with male contacts
- 6- 64 position insulator with female contacts
- 7- 96 position insulator with male contacts
- 8- 96 position insulator with female contacts

E. METHOD OF MOUNTING

1 - Standard Mounting

F. CONTACT TERMINATION

female contacts

- 04- straight PC (5.4mm) consult factory
- 05- mini wire wrap (10mm) consult factory
- 08- mixed length solder eyelet - short. rows a and c (5mm) long. row b (13mm)
- 09- short solder eyelet (5mm)
- 14- straight PC (4mm)
- 15- mini wire wrap (13mm)
- 24- straight PC (2.5mm)
- 35- mini wire wrap (7mm)

male contacts

- 13- angled PC (for 1.6mm thick PC cards)
- 28- long angled PC for mini wire wrap (16.5mm projection)

G. COLOR OF INSULATOR

7 - Grey

H. CONNECTOR CLASS

Contact Area

- 5- industrial 0.4 micron (16 microinch) gold over nickel
- 6- DIN 41612. CEI 130-14 0.8 micron (32 microinch) gold over nickel
- 7- VG 95324 3.00 micron (120 microinch) gold over nickel on female contact
2.00 micron (80 microinch) gold over nickel on male contact
- 8- MIL-C-55302 1.27 micron (50 microinch) gold over nickel

I. PITCH

5 - 2.54mm (0.1 in)

8 - 5.08mm (0.2 in)

J. SPECIAL REQUIREMENTS

0- none

K. MODIFICATION CODE

EI - Gold plated contact area

Tin plated terminal

(All contact styles except 28)

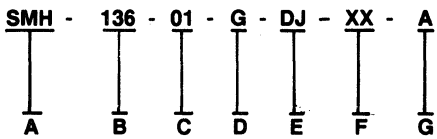
NOTE: Leave blank if no code is required.

MANUFACTURERS' ORDERING KEYS

SMI16

SAMTEC

EXAMPLE



A. TYPE STRIP

B. NUMBER OF PINS PER ROW
01 thru 36 (36 positions standard)

C. LEAD STYLE

-01 = Use with Body/Leg Styles
-SW, -DW & -DJ
-02 = Use with Body/Leg Styles -SP & -DP

D. PLATE OPTION

-G = Gold
-T = Tin
-S = Selective Plating

E. BODY/LEG STYLE

-SW = Single Row Gullwing Mount
-DW = Double Row Gullwing Mount
-SJ = Single Row "J" Mount
-DJ = Double Row "J" Mount
-SP = Single Row Parallel Mount
-DP = Double Row Parallel Mount

F. OPTION

-"XX" = Polarized
Specify number for plugged position

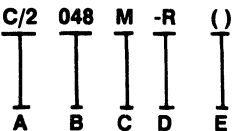
G. OPTION

-A = Alignment Pin

TXT05

TEX-TECHS INC.

EXAMPLE



A. SERIES

C/2

B. CONTACT ARRANGEMENT

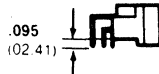
048 All contacts loaded in rows a, b, c
032 All contacts loaded in rows a and c only
832 All contacts loaded in rows a and b only

C. CONTACT TYPE

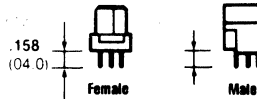
M Male pin
F Female socket

D. TERMINAL TYPE

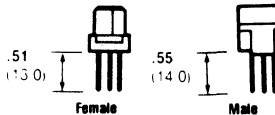
R Right angle solder terminals for 0.062"/1.6 mm thick boards (males only)



S Straight solder terminal for mother boards up to 0.093"/2.4 mm thick



W Straight two-level wire-wrap post



E. DEVIATION NUMBER

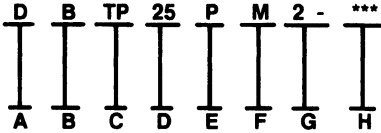
Note 1: Other contact platings and custom contact loading configuration are available; consult factory for details
Note 2: First Make - Last Break Option Male pins in row a may be extended .030" (0.75mm) for ground before signal applications. Consult factory for details.

MANUFACTURERS' ORDERING KEYS

SOU02

SOURIAU, INC.

EXAMPLE



A. BASIC SERIES

D

B. SHELL SIZE

E: 9 cts C: 37 cts
 A: 15 cts D: 50 cts
 B: 25 cts

C. BASIC SERIES

TP

D. NUMBER OF CONTACTS

09-15-25-37-50

E. PIN OR SOCKET

P: pin S: socket

F. FILTER TYPE

- capacitive filters: BC(10,000pF to 15,000pF) - MC(4000pF to 6000pF) - JC(1500pF to 2500pF) - KC(1000pF to 1600pF) - HC(640pF to 1000pF) - EC(400pF to 600pF) - DC(160pF to 240pF)
- π filters: B(20,000pF to 30,000pF) - M(8000pF to 12,000pF) - T(3000pF to 5000pF) - K(1200pF to 2000pF) - H(800pF to 1200pF) - E(300pF to 500pF)

G. TERMINATION

- without indication: solder bucket
- 2: straight spill, ϕ 0.76mm
- 15: right angle spill ϕ 0.76mm
2.54mm pitch between rows
- 16: right angle spill ϕ 0.76mm
2.84mm pitch between rows
- For other types of termination consult the factory

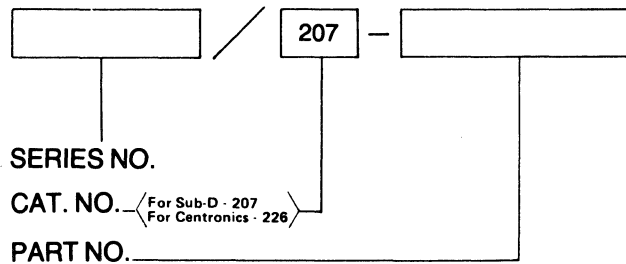
H. SPECIAL MODIFIERS

- specific filtering
- specific protection

API03

ALPHA PRODUCTS, INC.

HOW TO ORDER:



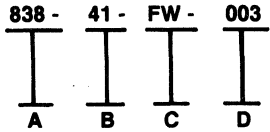
REMEMBER: TO AVOID CONFUSION ALWAYS PUT THE SERIES NO. BEFORE PART NUMBER AS SHOWN ABOVE.

MANUFACTURERS' ORDERING KEYS

SOU04

SOURIAU, INC.

EXAMPLE



A. SERIES
838

B. NUMBER OF CONTACTS
17, 29, 41, 53, 65,
72, 84 and 96

C. TYPE OF CONTACT

Contacts		FEMALE		
CODE NO.	PROFILE	DESCRIPTION	CONTACT REF	FRONT/REAR REMOVABLE
FY		FLOW SOLDER	838C103	FRONT
FL		RIGHT ANGLE LOWER ROW TOP ROW	838C105 838C106	REAR REAR
FZ		SOLDER BUCKET max. wire ϕ .022" (0.55mm)	838C102	REAR
FW		WIREWRAP .024" (0.60" mm) section	838C101	FRONT
FU		IN-LINE	838C104	FRONT

MALE				
MY		FLOW SOLDER	838C109	FRONT
ML		RIGHT ANGLE LOWER ROW TOP ROW	838C111 838C112	REAR REAR
MZ		SOLDER BUCKET max. wire ϕ .022" (0.55mm)	838C108	REAR
MW		WIREWRAP .024" (0.60" mm) section	838C107	FRONT
MU		IN-LINE	838C110	FRONT
MS SUPPLIED LOOSE		CRIMP	838S035	REAR

Note: Contact codes listed above are for standard gold plating. For Extra Gold, please consult us for codification.

D. MOUNTING / GUIDE

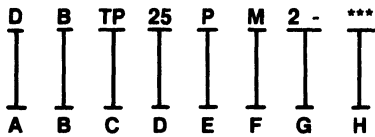
Type of contacts	Polarized male guides																	Jackcrews																	1/4 turn locking	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1	2
MOUNTING																																				
Polarized female guides																																				
Jackcrew sockets																																				
Polarized 1/4 turn locking sockets																																				

MANUFACTURERS' ORDERING KEYS

SOU06

SOURIAU, INC.

EXAMPLE



A. BASIC SERIES

D

B. SHELL SIZE

E = 9 cts, A = 15 cts, B = 25 cts
C = 37 cts, D = 50 cts

C. BASIC SERIES

TP

D. CONTACT ARRANGEMENT

09-15-25-37-50

E. CONTACT TYPE

P: pin
S: socket

F. FILTER TYPE

- capacitive filters: MC-JC-KC-HC-EC-DC
- π filters: M-T-K-H-E

G. TERMINATION

- without indication: solder bucket
 - 2: straight spill, \varnothing 0.76 mm
 - 15: right angle spill \varnothing 0.76mm
2.54 mm pitch between rows
 - 16: right angle spill \varnothing 0.76 mm
2.84 mm pitch between rows
- For other types of termination consult us

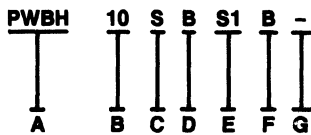
H. SPECIAL MODIFIERS

- specific filtering
- specific protection

BDY22

BURNDY

EXAMPLE



A. CONNECTOR FAMILY

PWBH (gold)
ETBH (Tin Alloy)

B. NO. OF DUAL CONTACT POSITIONS

06	15	24	33	42
07	16	25	34	43
08	17	26	35	44
09	18	27	36	45
10	19	28	37	46
11	20	29	38	47
12	21	30	39	48
13	22	31	40	49
14	23	32	41	50

C. CONTACT ARRANGEMENT

S: single sided (up to 50)
D: dual sided (up to 100)

D. MOUNTING STYLE

A = Center Mounting with .125 Dia. Thru Holes

B = Flush Mounting with .125 Dia. Hex Recess Holes

C = Flush Mounted with Notched Ears

D = Flush Mounting without Ears

E = Flush Mounting for Right Angle Applications

F = Low Mounting Ears with .125 Dia. Thru Holes

E. CONTACT TERMINATION

- S1 Solder dip
- S2 Solderless wrap
- C1 Card extender
- R1 Right angle

F. PLATING TYPE

- A 15 microinches gold (PWBH)
- B 30 microinches gold (PWBH)
- C Tin Alloy (ETBH)

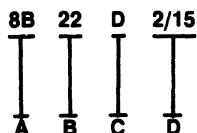
G. SPECIAL VARIATIONS

(consult factory)

WCH39

WINCHESTER ELECTRONICS

EXAMPLE



A. INSERT SERIES CODE

- 8B = vertical mounting, single row
- 8BJ = side mounting, single row
- 8BD = vertical mounting, double row
- 8BDJ = side mounting, double row

B. CONTACT POSITIONS/PAIRS

Number of Contact Positions (Single Row):

6, 10, 12, 15, 18, 22, 28, 30.

Number of Contact Pairs (Double Row):

6, 10, 12, 15, 18, 22, 28, 30.

C. TERMINATION TYPE

- D = Dip solder
- G = Dip solder, surface termination (for double row only)

L = 90° dip solder, low profile

M = 90° dip solder (for double row only)

ML = 90° dip solder, surface termination

MR = 90° dip solder

S = Solder eyelet

W = Wire wrap, beryllium copper only

D. POLARIZATION KEYS

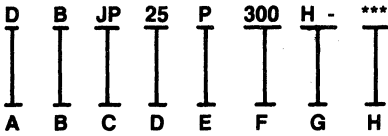
Specify contact position(s) by numbers when required for in-contact polarization, or two adjacent positions for between-contact polarization. Omit step if polarization is not required.

MANUFACTURERS' ORDERING KEYS

SOU07

SOURIAU, INC.

EXAMPLE



A. BASIC SERIES

D

B. SHELL SIZE

E = 9 cts, A = 15 cts, B = 25 cts
C = 37 cts, D = 50 cts

C. BASIC SERIES

JP

D. NUMBER OF CONTACTS

09-15-25-37-50

E. CONTACT TYPE

P: pin
S: socket

F. TERMINATION

- without indication: solder bucket
- 300: straight spill, $\varnothing 0.63$ mm

- 500: right angle spill, $\varnothing 0.63$ mm
2.54 mm pitch between rows
- 800: right angle spill, $\varnothing 0.63$ mm
2.84 mm pitch between rows

G. FILTER TYPE

- capacitive filters: TC-KC-HC-EC
- π filters: T-K-H-E

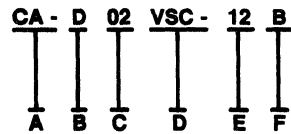
H. SPECIAL MODIFIERS

- partially loaded filter connector (with grounded or non filtered contacts)
- connector with different types of filter (in this case preceding letter does not appear)
- non standard filters

CAC11

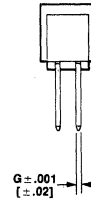
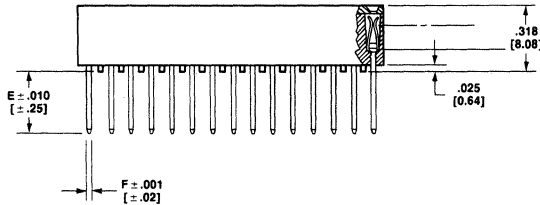
CIRCUIT ASSEMBLY CORP.

EXAMPLE



E. CONTACT STYLE

	E DIM.	X F DIM.	X G DIM.
12 = SOLDER TAIL	.120 (3.05)	X .024 (0.61)	X .008 (0.20)
13 = .025 SQ. TAIL	.130 (3.30)	X .025 (0.64)	X .025 (0.64)
25 = .025 SQ. TAIL	.250 (6.35)	X .025 (0.64)	X .025 (0.64)
30 = .025 SQ. TAIL	.300 (7.62)	X .025 (0.64)	X .025 (0.64)
40 = .025 SQ. TAIL	.405 (10.29)	X .025 (0.64)	X .025 (0.64)
63 = .025 SQ. TAIL	.625 (15.88)	X .025 (0.64)	X .025 (0.64)
78 = .025 SQ. TAIL	.780 (19.81)	X .025 (0.64)	X .025 (0.64)
83 = .025 SQ. TAIL	.830 (21.08)	X .025 (0.64)	X .025 (0.64)



A. CONNECTOR FAMILY

B. DUAL ROW

C. NUMBER OF CONTACT POSITIONS
02 THRU 72

D. VERTICAL STACKING CONNECTOR

F. PLATING

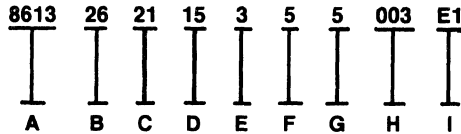
B = .00010 (.00025) GOLD OVER .000075
(.00190) NICKEL
T = .000250 (.00635) TIN OVER .000075
(.00190) NICKEL (SOLDER TAIL ONLY)

MANUFACTURERS' ORDERING KEYS

SOU08

SOURIAU, INC.

EXAMPLE



A. SERIES

8613

B. NUMBER OF CONTACTS

10.14.16.20.26.34.40.50.60*

*consult us

C. SPECIAL OPTIONS

Preferred headers (receptacles)

20 - without locking levers, without polarizing keys.

21 - with long locking levers, without polarizing keys.

20 - with short locking levers, without polarizing keys.

preferred sockets (plugs)

30 - without strain relief, with central polarizing.

31 - with strain relief, with central polarizing.

other header options

40 - without locking levers, with double depth polarizing keys.

41 - with long locking levers, with double depth polarizing keys.

42 - with short locking levers, with double depth polarizing keys.

60 - without locking levers, with single depth polarizing keys.

61 - with long locking levers, with single depth polarizing keys.

62 - with short locking levers, with single depth polarizing keys.

other socket options

10 - without strain relief, without central polarizing.

11 - with strain relief, without central polarizing.

D. CONTACT TERMINATION

13 - 90° angled Pwb spill

14 - Straight Pwb spill

15 - wire wrap

23 - short 90° angled spill

30 - insulation displacement - socket only

} header only

E. INSULATOR COLOR

insulator color mandatory code

F. CONNECTOR PERFORMANCE STANDARD

4 - DIN 41651 class 3, HE10-01

5 - DIN 41651 class 2,

6 - BS 9525 F 0023, BT 224, MIL-C-83503, DIN 41651 class 1

G. LONGITUDINAL PITCH

longitudinal pitch (2.54mm) mandatory code

H. LEVERS

003 - standard grey levers

000 - optional black levers

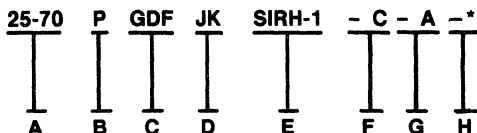
I. TINNED TERMINATIONS

tinned terminations - mandatory code for headers only

CCC14

CONTINENTAL CONNECTOR CORP.

EXAMPLE



A. SERIES

25-70: Crimp

Removable Contacts

WW25-70: Solderless

Wrap Contacts

B. CONNECTOR STYLE

P: Plug (pin contacts)

S: Socket (socket contacts)

Note: Contacts ordered separately for series 25-70

C. MOLDING MATERIAL

Make no entry for standard material

GDF

D. SCREWLOCKS WITHOUT HOOD

S: Fixed screwlocks

SK: Short turnable screwlocks

Make no entry for connectors with hoods

E. HOOD WITH LONG TURNABLE SCREWLOCKS, SINGLE PIECE CONSTRUCTION

SIKH: Top opening hood 25-104KIH

SIKH-I: Side opening hood 25-104KIH-I

F. PROTECTIVE SHELL

C: Plug shell 25C104

P: Receptacle shell 25P104

G. SHELL POLARIZATION

A,B,C,D,E or F

Make no entry when polarization is not required

H. *RESERVED

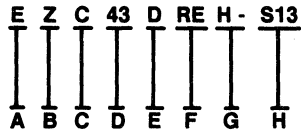
Special options, consult manufacturer

MANUFACTURERS' ORDERING KEYS

SUL01

SULLINS ELECTRONICS CORPORATION

EXAMPLE



A. MATERIALS

Insulator/Contact
 E = Valox*/Copper Alloy (Standard)
 H = Valox/Beryllium Copper (Special)
 R = Ryton*/Copper Alloy (Special)
 A = Ryton/Beryllium Copper (Special)
 C = Ryton/Beryllium Nickel (Consult Factory)

B. CONTACT FINISH

Contact Surface	Termination
Z = .00010 Gold	.000100 Tin
X = .000030 Gold	.000100 Tin
‡G = .000010 Gold	.000005 Gold
‡Y = .000030 Gold	.000005 Gold
Contact Surface	Overall Plating
T = .000100 Tin	.000100 Tin
S = .000010 Gold	.000010 Gold
‡M = .000030 Gold	.000010 Gold

All Gold Plated Over .000050 Nickel

C. CONTACT CENTERS

C = .100 (2.54)
 A = .125 (3.17)
 J = .150 (3.81)
 M = .156 (3.96)

D. NUMBER OF CONTACT POSITIONS

02 thru 70

E. READOUT

D = Dual
 S = Single
 H = Half Loaded

F. TERMINATION TYPE

Eyelet
 RE, TE, SE = Eyelet Tail
 RZ = Forked Eyelet Tail
 Low Profile Dip Solder
 SX, SU = Single Centered
 RT, RK, RY = Single/.140 (3.56) Row Spacing
 RX, RU, RP = .200 (5.08) Row Spacing
 RJ = .250 (6.35) Row Spacing
 High Profile Dip Solder
 RS = .025 (.64) Square Tail with Loop Bellows

CS, SC = 0.25 (.64) Square Tail with Hairpin Bellows

TK = .026 (.66) Round Tail with Loop Bellows

CK = .026 (.66) Round Tail with Hairpin Bellows

KJ = .031 (.79) Square Tail with Cantilever Beam

Wire Wrap

RM = .025 (.64) Square Post with Loop Bellows

CM, MC = .025 (.64) Square Post with Hairpin Bellows

KK = .031 (.79) x .062 (.157) Post

KL = .031 (.79) x .062 (1.57) Post Twisted 90°

WW = .045 (1.14) Square Post

Right Angle

RA, SA = Right Angle with Full Bellows

TA, TB, TM = Right Angle with Loop Bellows

CA, CB, CC = Right Angle with Hairpin Bellows

G. MOUNTING STYLE

H = Clearance Hole .125 (3.17) Dia.

N = No Mounting Ears

S = Side Mounting .125 (3.17) Dia.

I = Threaded Insert 4-40 NC-2B Thd.

F = Floating Bobbin

W = Flush Mounting

D = Flush Mounting (special order)

P = Clearance Hole .142 (3.61) Dia.

B = Open Card Slot

X = Flush Mounting with Threaded Insert

T = Flush Mounting with Threaded Insert (Special)

H. MODIFICATION

(Consult Factory)

OMIT FOR STANDARD

-S13 = Card Extender Formed to Fit .062 (1.57) PCB

-S37 = Reverse Contact ID & Special Card Slot

-S92 = Center Barrier Molded in Card Slot

‡ Not Available with Hairpin Bellows

® Registered Trademarks

General Electric Co.: Valox

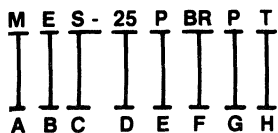
Phillips 66: Ryton

Gardner-Denver Co.: Wire Wrap

MNE07

MIN-E-CON

EXAMPLE



A. SERIES

B. INSULATOR MATERIAL

E = Polyester

C. INTERFACIAL SEAL

S = Silicone Rubber Seal on Socket (Receptacle) Side Only. Omit 'S' If Ordering a Pin (Plug) Side, or If No Seal is Wanted.

D. CONTACT LAYOUT (SHELL SIZE)

9, 15, 21, 25, 31, 37, 51

E. CONTACT TYPE

P = Pin

S = Socket

F. CIRCUIT BOARD MOUNTED

Right Angle Terminations

G. JACKPOST

Omit 'P' If Jackposts Are Not Wanted

H. THREADED INSERTS

#2-56UNC-2B

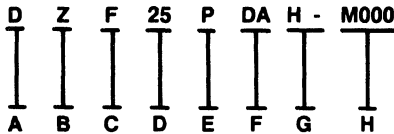
Omit 'T' If Inserts Are Not Wanted

MANUFACTURERS' ORDERING KEYS

SUL02

SULLINS ELECTRONICS CORPORATION

EXAMPLE



A. CONNECTOR TYPE

D - Subminiature Connector

B. CONTACT FINISH

Contact Surface Termination
 Z = .000010 Gold .000100 Tin
 X = .000030 Gold .000100 Tin

C. CONTACT CENTERS

F = .109

D. NUMBER OF CONTACTS

09, 15, 25, 37

E. INSULATOR CONFIGURATION

P = All Plastic

F. TERMINATION TYPE

DA = Right Angle

G. MOUNTING STYLE*

H = .125 Hole
 I = Threaded Insert
 X = Threaded Standoff

H. MODIFICATION

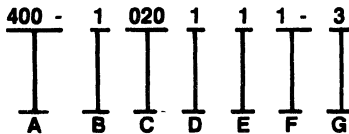
(Omit for Standard)

* Consult Factory for Availability of Mounting Styles Not Listed

WCC01

WELCON CONNECTOR COMPANY

EXAMPLE



A. TAIL LENGTH

CONTACT DIM.	TAIL LENGTH	
	In.	Mm
0-.025 Sq. (ST)	.64	1.60
1-.025 Sq. (WW)	.64	5.60

ST - solder tail

WW - wire wrap tail

B. LEAD CENTER

Mfr. Identification Code

C. TOTAL NUMBER OF CONTACTS

See Outline Dwg

D. CONTACT PLATING

- 1 - Min. 10 microinches select gold over min. 50 microinches nickel on the contact point, unplated tails.
- 2 - Min. 15 microinches select gold over min. 50 microinches nickel on the contact point, unplated tails.
- 3 - Min. 20 microinches select gold over min. 50 microinches nickel on the contact point, unplated tails.
- 4 - Min. 30 microinches select gold over min. 50 microinches nickel on the contact point, unplated tails.
- 5* - Min. 10 microinches select gold over min. 50 microinches nickel on the contact point, tin lead plated tails.
- 6 - Min. 15 microinches select gold over min. 50 microinches nickel on the contact point, tin lead plated tails.
- 7 - Min. 20 microinches select gold over min. 50 microinches nickel on the contact point, tin lead plated tails.
- 8* - Min. 30 microinches select gold over min. 50 microinches nickel on the contact point, tin lead plated tails.

*Standard plating, contact factory for other options.

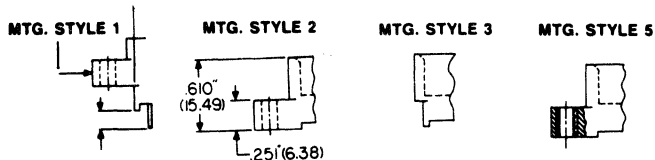
E. CONTACT MATERIAL

Mfr. Identification Code

F. BODY MATERIAL

Mfr. Identification Code

G. MOUNTING STYLE



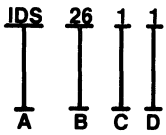
MOUNTING STYLE	"G" DIA.
	In. Mm
1	.125 3.18
2(Flush Mtd.)	.125 3.18
3(As shown)	No Ears
4	Mtg. Style 1 with #4-40 thread insert
5	Flush mtd. with #4-40 thread insert

MANUFACTURERS' ORDERING KEYS

TXT09

TEX-TECHS INC.

EXAMPLE



A. SERIES

Designates flat cable insulation displacement socket plug series

B. NO. OF CONTACTS

10, 14, 16, 20, 26, 34, 40, 50, 60

C. STRAIN RELIEF

-0 - Without strain relief
-1 - With strain relief

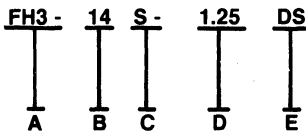
D. COVER / CENTER KEY

1 With center key and open end cover
0 Without center key

HRSJ04

HIROSE ELECTRIC CO., LTD.

EXAMPLE



A. SERIES

B. NO. OF CONTACTS

4, 7, 8, 10, 12, 13, 14, 16, 17, 20, 22, 24, 30

C. NO. OF CONTACT ROW

DS: Right Angle PCB Mount
DSA: Straight PCB Mount

D. CONTACT SPACING

.049" (1.25mm)

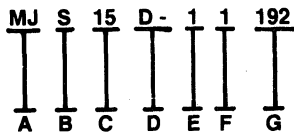
E. TERMINATION TYPE

S: Single

WCH01

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

MJ (Continuous Card Collector)
C-Press Pre-Assembled Edgecard Connector - Bifurcated Contacts

E. CARD SLOT DEPTH

1 = .415" [10.54] Standard
2 = .350" [8.89] Optional On
3 = .300" [7.62] Shaded Ends Only

B. END CONFIGURATION

Blank = No Open End (MJ)
S = One Open End (MJS)
(Added information for open end version, consult sales.)

F. TAIL LENGTH

1 = .175" [4.44]
2 = .475" [12.00]
3 = .570" [14.48]
4 = .702" [17.83]

C. NO. OF CONTACT PAIRS

15 through 61

G. PLATING (SELECTIVE)

192 - .000030" gold over .000050" nickel overall in contact area and bright solder on C-section and tail.
195 - .000030" gold over .000050" nickel overall in contact area and gold flash on C-section and tail.
(Consult sales for additional plating options.)

D. GRID SPACING

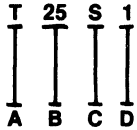
D = .125" x .250"

MANUFACTURERS' ORDERING KEYS

TXT01

TEX-TECHS INC.

EXAMPLE

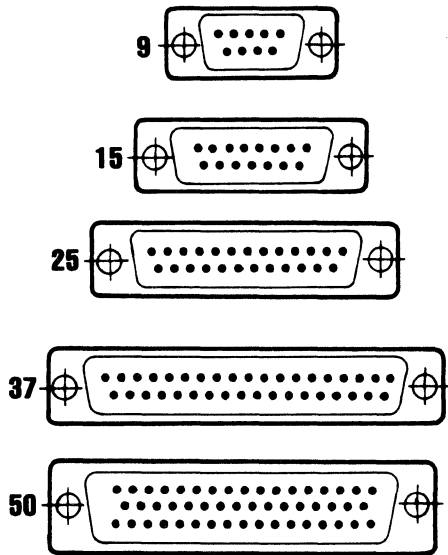


A. SHELL PLATING

Blank - Yellow chromate

T - Tin Plate (Male has grounding indents.)

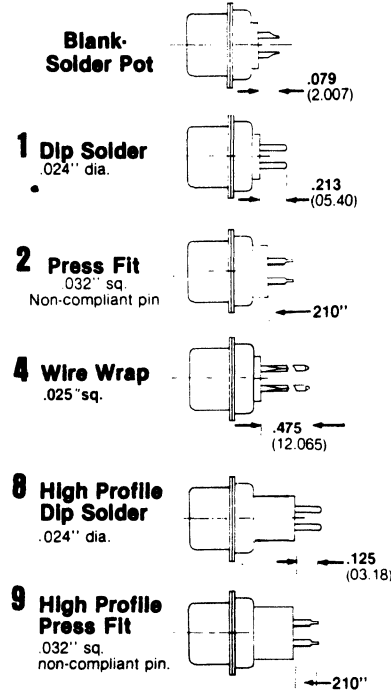
B. NO. OF CONTACTS



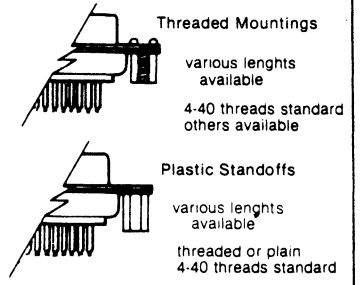
C. CONTACT TYPE

- P** - Male pin
- S** - Female socket

D. TERMINATION TYPE



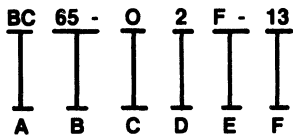
**Other Options-
Consult Factory.**



EBY17

EBY COMPANY

EXAMPLE



A. SERIES

B. NUMBER OF DUAL POSITIONS
02 thru 65

C. ANTI-SHORTING STRIP

- O - Without Strip
- A - With Strip

D. CONTACT TERMINATIONS

- 1 - .010 x .028 x .110 min. length (0.25 x 0.71 x 2.79)
- 2 - .010 x .028 x .135 min. length (0.25 x 0.71 x 3.43)

E. END CONFIGURATION

- Type "N" Notched (63 size only)
- Type "F" Non-Stackable
- Type "S" Stackable

F. CONTACT MATERIAL AND FINISH

- 11 - CA #725 0.000010" (0.254 μm) Selective Gold over Nickel*
- 13 - CA #725 0.000030" (0.762 μm) Selective Gold over Nickel*
- 43 - Phosphor Bronze-Tin-Lead plate over Nickel

*Selective Gold is on the male / female engaging area.

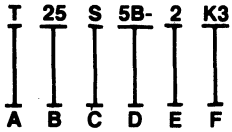
Note: ■ These items are not standard distributor items.

MANUFACTURERS' ORDERING KEYS

TXT02

TEX-TECHS INC.

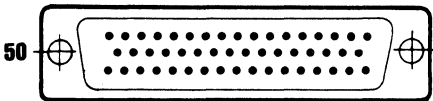
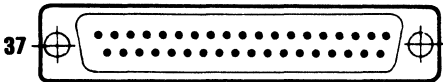
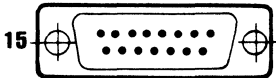
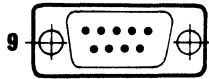
EXAMPLE



A. SERIES

Blank — Yellow Chromate
 T — Tin Plate (Male has grounding indents.)

B. NO. OF CONTACTS

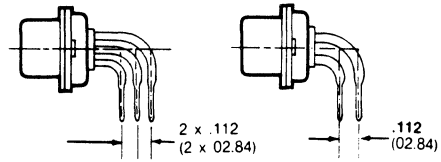


C. CONTACT STYLE

P — Male pin
 S — Female socket

D. BETWEEN ROW SPACING

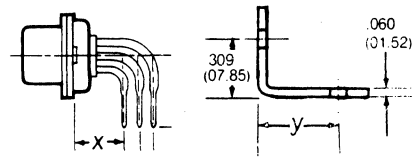
5 — .100
 5B — .112 (industry standard)



E. MOUNTING EAR TO:

FIRST ROW MOUNTING HOLE

	X	Y
-2	.283 (07.19)	.340 (8.64)
-3	.370 (9.4)	.426 (10.82)
-4	.454 (11.53)	.510 (12.95)
-5	.545 (13.84)	.600 (15.24)



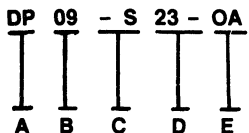
F. METAL MOUNTING BRACKET

- Blank — No mounting bracket
- K1** — Mounting bracket attached with rivets
- K2** — Mounting bracket attached with 4-40 screw and nut
- K3** — Mounting bracket attached with 4-40 female screw lock (P/N GSCH 1/5)

EBY03

EBY COMPANY

EXAMPLE



A. SERIES

DP — All Plastic
 DG — Metal Face

B. NO. OF CONTACTS

09, 15, 25, 37

C. CONTACT TYPE

■ P — Pin (male)
 S — Socket (female)

D. CONTACT STYLE AND LENGTH

23-Rt. Angle, P.C. Mount, .590 Footprint

E. MOUNTING TYPES

OA — .125 dia. Mounting Holes
 OD — #4-40 Threaded Insert
 ■ OG — #4-40 Threaded Standoff

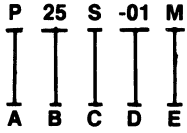
Note: ■ These items are not standard distributor items.

MANUFACTURERS' ORDERING KEYS

TXT03

TEX-TECHS INC.

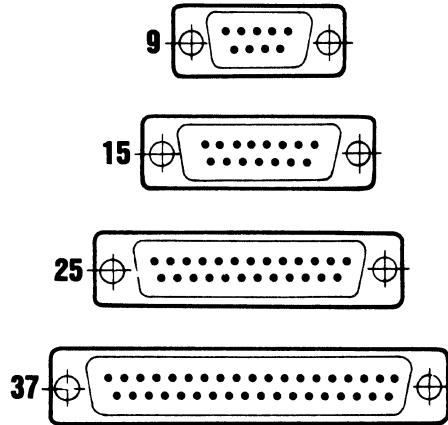
EXAMPLE



A. SERIES

Designates plastic right angle series

B. NO. OF CONTACTS



C. CONTACT STYLE

P - Male pin
S - Female socket

D. MOUNTING EAR HARDWARE

Blank - Plastic
M - Metal face with ground strap
Bright Tin Plating over Nickel Underplate

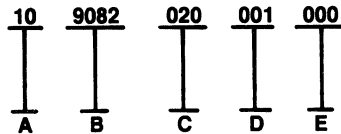
E. SHELL FACE

01 .120" (3.05) dia hole
02 4-40 threaded flush insert
03 4-40 threaded standoff (female screw lock)

ELO20

ELCO CORPORATION

EXAMPLE



A. CONNECTOR TYPE

10 - Header

B. SERIES

Mfr. Identification Code

C. NUMBER OF POSITIONS

20-200

D. CONTACT TYPE

CODE NO.		DESCRIPTION	Y TERMINAL LENGTH
001		025 SQ	733
002		TERMINAL	250
003		PRESS FIT	533
011		025 SQ TERMINAL SOLDER & WRAP POST	180
012			533
013			733
014			125
015			610

E. VARIATION CODE

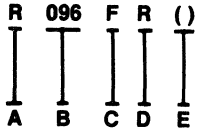
** PLATING DESCRIPTION		
Mating Area	30 Gold	30 Gold
Terminal Area	75/175 Tin/Lead	Gold Flash
VARIATION CODE NUMBERS		INSULATOR STYLE
000	001	No guide

MANUFACTURERS' ORDERING KEYS

TXT06

TEX-TECHS INC.

EXAMPLE



A. SERIES

R

B. CONTACT ARRANGEMENT

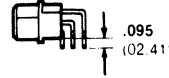
- 096** All contacts loaded in rows a, b, c
- 064** All contacts loaded in rows a & c
- 048** Even numbered contacts loaded in rows a, b, c

C. CONTACT TYPE

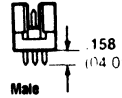
- M** Male pin
- F** Female socket

D. TERMINAL TYPE

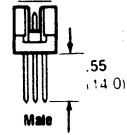
R Right angle solder terminals for 0.062"/1.6 mm thick boards



S Straight solder terminal for mother boards up to 0.093"/2.4 mm thick



W Straight two-level wire-wrap post



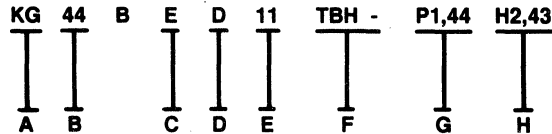
E. DEVIATION NUMBER

- Note 1: Other contact platings and custom contact loading configurations are available - consult factory for details
- Note 2: First Make - Last Break Option Male pins in row a may be extended .030" (0.75mm) for ground before signal applications. Consult factory for details.

HPT06

HYPERTRONICS CORPORATION

EXAMPLE



A. SERIES

KG

B. NUMBER OF CONTACT LOCATIONS

22, 24, 44, 46, 66, 68 & 90 (Actual No. of contacts depends on keying arrangement. Consult factory for other pin counts.)

C. CONTACT TYPE

- P - Plug (with pins)
- E - Receptacle (with sockets)
- A - Pin Carrier

D. TERMINAL STYLE

C, D, S, R

E. MOUNTING STYLE

00, 11, 14³

F. PLATING

- T = Nickel + 10µin. gold.
- TH = Nickel + 50µin. gold (pins only).
- TAH = Nickel + gold flash (socket bodies) + 50µin. gold (mating surface).
- TBH = Solder plate (socket bodies) + 50µin. gold (mating surface).

G. GUIDE PIN LOCATIONS

H. GUIDE HOLE LOCATIONS

NOTES:

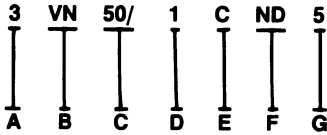
- 1) If mounting/guiding/keying is desired, actual contact quantity will be reduced by the number of mounting/guiding/keying positions (except 14, reduced by 2). For a mated pair, holes and guides must be complementary i.e., if position 1 in plug has guide pin then position 1 in receptacle must have guide hole, etc. If omitted, connectors will be shipped fully loaded without guides/mounts.
- 2) Dimensions in inches (mm).
- 3) With style 14 mounting, 2 contact positions are used for each mounting position.

MANUFACTURERS' ORDERING KEYS

VKC05

VIKING CONNECTOR CO.

EXAMPLE



A. POLARIZATION

3 Between-Contacts (Internal).

B. CONTACT PLATING

KH .000010 gold engagement area;
.000010 gold termination area.

KT .000010 gold engagement area;
.000100 - .000150 tin lead
termination area.

VH .000030 gold all over.

VN .000030 gold engagement area;
.000010 gold termination area.

VT .000030 gold engagement area;
.000100 - .000150 tin lead
termination area.

C. NUMBER OF CONTACT PAIRS

10, 14, 15, 18, 22, 28, 30, 31, 35, 36, 40, 44, 50

D. INSULATOR MATERIAL

1 Diallyl Phthalate (green)

Standard with VH, VN, and VT platings.

Not available with KT plating.

2 Polyester (black)

Standard with KH, KT, VN, and VT platings.

Not available with VH plating.

9 Phenolic (black)

Not available with KT plating

E. SERIES IDENTIFIER

C .125 (3.18) Contact Centers;

.062 (1.57) P.C. Board.

F. CONTACT TERMINATIONS

ND Wrap Post

NK Dip Solder

G. MOUNTING STYLES

1 Flush Mount

Standard with CNK termination only.

3 Threaded Insert

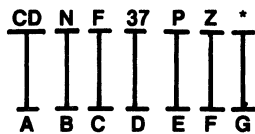
5 Thru Hole

12 No Ears

COMC03

COMPAR CONNECTORS

EXAMPLE



A. SERIES PREFIX

CD = COMPAR DELTA "D"

B. SHELL FINISH

N = Standard: Zinc Yellow Chromate

T = Bright Tin Plate

B = Black Zinc Plate (Consult Factory)

C. MOUNTING TYPE

— = Standard

F = Float mount for rear panel mounting

R = Reverse float mount for front panel
mounting

1 = Short threaded insert rear mount

2 = Short threaded insert front mount

3 = Long threaded insert rear mount

4 = Long threaded insert front mount

D. CONTACT ARRANGEMENT

9/15/25/37/50

Number of contact positions

E. CONTACT TYPE

P = Pin contact

S = Socket contact

F. TERMINATION TYPE

ZS-Z = Stamped solder cup (Socket only)*

Z = Solder Cup

YS-Z = Stamped straight P.C. (Socket only)*

Y = Straight printed circuit connector with
.60 mm dia. (.024")

W = Wire Wrap Length 13mm (.512")

YC = Right angle PC connector with
0.60mm (.024") Dia PC Tail Row
spacing 2.84mm (.112")

O = Without contacts (Crimp Connector
Only)

X = With Crimp Contacts (Supplied loose)

YM = Right angle PC connector with
0.60mm (.024") dia. Row spacing
2.54mm (.100")

G. MODIFICATIONS

... Numerous modifications are available.

For information on modifications not shown
in this catalogue please contact factory.

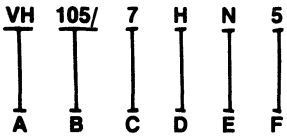
*.25 μ m (10 μ ") selective gold plate

MANUFACTURERS' ORDERING KEYS

VKC06

VIKING CONNECTOR CO.

EXAMPLE



A. CONTACT PLATING

VH .000030 gold all over
VT .000030 gold engagement area;
.000100 - .000150 tin lead
termination area.

B. NUMBER OF CONTACT PAIRS

105

C. INSULATOR MATERIAL

1 Diallyl Phthalate (green)
7 Diallyl Phthalate, High Temperature (brown)
Not available with VT plating.

D. SERIES IDENTIFIER

H .150 (3.81) Contact Centers;
.062 (1.57) P.C. Board.

E. CONTACT TERMINATIONS

N Pierced Eyelet
V Dip Solder

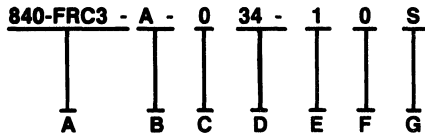
F. MOUNTING STYLES

5 Thru Hole

AAP6

ALLIED AMPHENOL PRODUCTS

EXAMPLE



A. SERIES

840-FRC3

B. CONNECTOR TYPE

A = Socket

C. COVER TYPE

O = Open end

D. NUMBER OF CONTACTS

16, 20, 34

E. PLATING

1 = .000030" (0.8μ) min. gold/nickel
(standard plating)
2 = .000015" (0.4μ) min. gold/nickel
3 = gold flash/nickel

F. LOCATION KEY

0 = 1 location key (16, 20, 34)

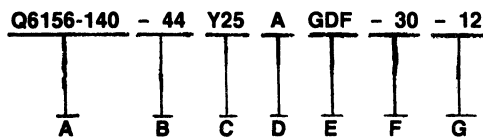
G. STRAIN RELIEF

No digit = less strain relief
S = With strain relief

CCC11

CONTINENTAL CONNECTOR CORP.

EXAMPLE



A. SERIES DESIGNATION

B. NUMBER OF CONTACTS

EXAMPLE
44-CONNECTOR SIZE 22 22

C. TERMINAL OPTIONS

Y14— 14(3 8) LONG
Y19— 19(4 8) LONG
Y25— 25(6 4) LONG
Y41— 41(10 4) LONG
X—SOLDER LUG

FLOW SOLDER TO
FIT .051(1 30) DIA

D. MOUNTING STYLES

A — THRU HOLE
B — THREADED INSERT
C — FLOATING BUSHING
A9 — 90° THRU HOLE

CONNECTOR WITHOUT MOUNTING EARS
WILL BE SUPPLIED UNLESS OTHERWISE SPECIFIED

E. DIELECTRIC MATERIAL

NYLON KEY 602-18 OR 602-41 (BETWEEN CONTACT)
ADD CONSECUTIVE NUMERALS
EXAMPLE 11-12 (KEY INSTALLED BETWEEN
POSITIONS 11 AND 12)
METAL KEY 602-14 (IN-CONTACT)
SPECIFY POSITION
EXAMPLE 12 (KEY INSTALLED IN POSITION 12)

F. CONTACT FINISH

30 — 000030 (8 micron) GOLD
50 — 000050 (13 micron) GOLD
100 — 000100 (25 micron) GOLD

COMMERCIAL FINISH APPROX 000015 (4 micron) GOLD
WILL BE SUPPLIED UNLESS OTHERWISE SPECIFIED

G. FACTORY INSTALLED

POL. KEY

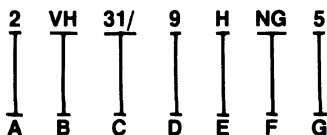
GLASS PHENOLIC (NOTE 1A) WILL BE SUPPLIED
UNLESS OTHERWISE SPECIFIED
GDF — DIALLYL PHTHALATE (NOTE 1B)

MANUFACTURERS' ORDERING KEYS

VKC07

VIKING CONNECTOR CO.

EXAMPLE



A. POLARIZATION

2 Between-Contacts (Slotted).

B. CONTACT PLATING

KH .000010 gold engagement area;
.000010 gold termination area.
VH .000030 gold all over.
VN .000030 gold engagement area;
.000010 gold termination area.

C. NUMBER OF CONTACT PAIRS

18, 28, 31, 43

D. INSULATOR MATERIAL

1 Diallyl Phthalate (green)
9 Phenolic (black)

E. SERIES IDENTIFIER

H .150 (3.81) Contact Centers;
.062 (1.57) P.C. Board.

F. CONTACT TERMINATIONS

NG Wrap Post

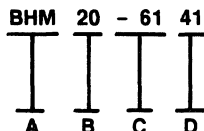
G. MOUNTING STYLES

3 Threaded Insert
5 Thru Hole

KAM06

KEL-AM INCORPORATED

EXAMPLE



A. BOX HEADER SERIES

B. TOTAL NO. OF CONTACTS
10, 20, 26, 34, 40, 50, 60

C. TERMINAL STYLE

61 = Right Angle Terminals
41 = Straight Terminals

D. PLATING

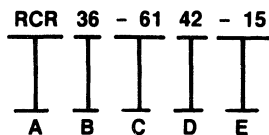
41 - Straight Tail
01 - Right Angle

CODE	GOLD AT AREA "C"	TERMINAL PLATING	UNDERPLATING
01	.000010	.000010 Gold	.000030 Nickel
03	.000030	.000030 Gold	.000050 Nickel
52	.000020	Gold Flash	.000040 Nickel
53	.000030	Gold Flash	.000050 Nickel
42	.000020	Tin/Lead	.000040 Nickel
41	.000010	Tin/Lead	.000030 Nickel

KAM11

KEL-AM INCORPORATED

EXAMPLE



A. SERIES

B. NO. OF CONTACTS PER ROW
10, 13, 15, 17, 18, 20, 22,
25, 30, 36, 40, 50

C. TERMINAL TYPE

Right Angle
Dip Solder, .130 Lg.

D. CONTACT PLATING

CODE	GOLD AT AREA "C"	TERMINAL PLATING	UNDERPLATING
01	.000010	.000010 Gold	.000030 Nickel
03	.000030	.000030 Gold	.000050 Nickel
52	.000020	Gold Flash	.000040 Nickel
53	.000030	Gold Flash	.000050 Nickel
42	.000020	Tin/Lead	.000040 Nickel
41	.000010	Tin/Lead	.000030 Nickel

E. OPTION

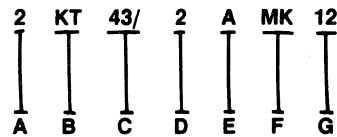
15 = With Ears
Right Angle Holes

MANUFACTURERS' ORDERING KEYS

VKC10

VIKING CONNECTOR CO.

EXAMPLE



A. POLARIZATION

2 Between-Contacts (Internal).

B. CONTACT PLATING

KH .000010 gold engagement area;
.000010 gold termination area.

KT .000010 gold engagement area;
.000100 - .000150 tin lead
termination area.

VH .000030 gold all over.

VN .000030 gold engagement area;
.000010 gold termination area.

VT .000030 gold engagement area;
.000100 - .000150 tin lead
termination area.

C. NUMBER OF CONTACT PAIRS

22, 28, 36, 43

D. INSULATOR MATERIAL

1 Diallyl Phthalate (green)

Standard with VH, VN, and VT platings.
Not available with KT plating.

2 Polyester (black)

Standard with KH, KT, VN, and VT platings.

Not available with VH plating.

9 Phenolic (black)

Not available with KT plating

E. SERIES IDENTIFIER

A .156 (3.96) Contact Centers;
.062 (1.57) P.C. Board.

F. CONTACT TERMINATIONS

MD Wrap Post (Standoff)

ND Wrap Post

MK Dip Solder (Standoff)

NK Dip Solder

G. MOUNTING STYLES

1 Flush Mount

Standard with AMK termination only.

3 Threaded Insert

5 Thru Hole

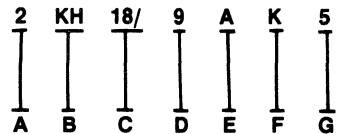
12 No Ears

Standard with AMK termination,
43 position only

VKC08

VIKING CONNECTOR CO.

EXAMPLE



A. POLARIZATION

2 Between-Contacts (Slotted).

B. CONTACT PLATING

KH .000010 gold engagement area;
.000010 gold termination area.

VH .000030 gold all over.

C. NUMBER OF CONTACT PAIRS

6, 10, 15, 18, 22

D. INSULATOR MATERIAL

1 Diallyl Phthalate (green)

2 Polyester (black)

9 Phenolic (black)

E. SERIES IDENTIFIER

A .156 (3.96) Contact Centers;
.062 (1.57) P.C. Board.

F. CONTACT TERMINATIONS

B Pierced Eyelet

K Dip Solder

G. MOUNTING STYLES

3 Threaded Insert

5 Thru Hole

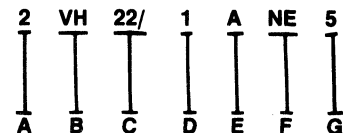
8 Floating Mount

12 No Ears

VKC11

VIKING CONNECTOR CO.

EXAMPLE



A. POLARIZATION

2 Between-Contacts (Slotted).

B. CONTACT PLATING

KH .000010 gold engagement area;
.000010 gold termination area.

VH .000030 gold all over.

VN .000030 gold engagement area;
.000010 gold termination area.

C. NUMBER OF CONTACT PAIRS

22, 28, 43

D. INSULATOR MATERIAL

1 Diallyl Phthalate (green)

2 Polyester (black)

Not available in VH plating.

9 Phenolic (black)

E. SERIES IDENTIFIER

A .156 (3.96) Contact Centers;
.062 (1.57) P.C. Board.

F. CONTACT TERMINATIONS

NE Wrap Post

G. MOUNTING STYLES

3 Threaded Insert

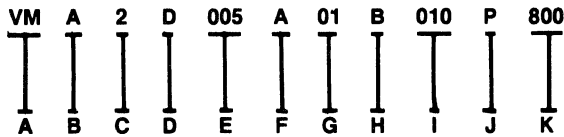
5 Thru Hole

MANUFACTURERS' ORDERING KEYS

VKC15

VIKING CONNECTOR CO.

EXAMPLE



A. CONNECTOR SERIES

Code VM

B. CONTACT CENTER TO CENTER SPACING

.100" (2.54) Pitch

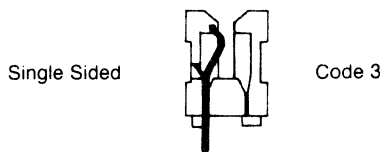
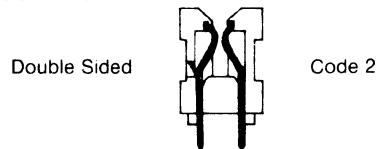
Code A

C. CONTACT ROWS

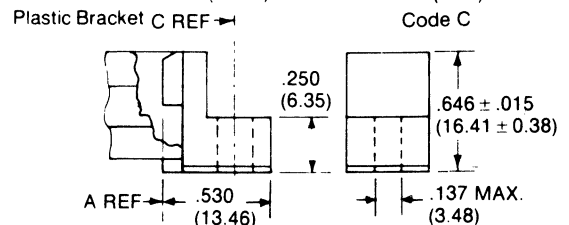
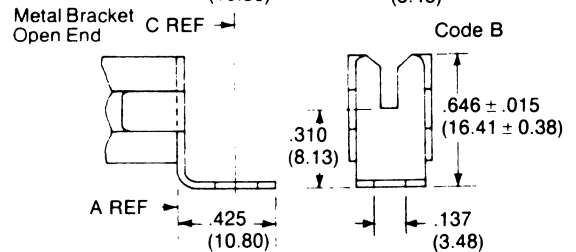
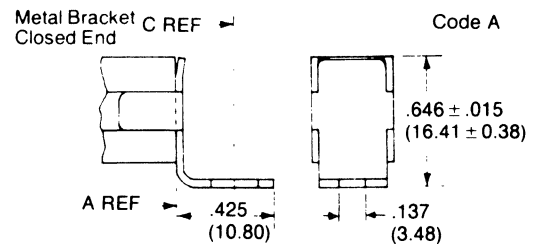
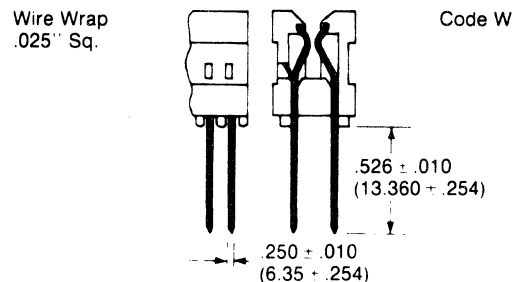
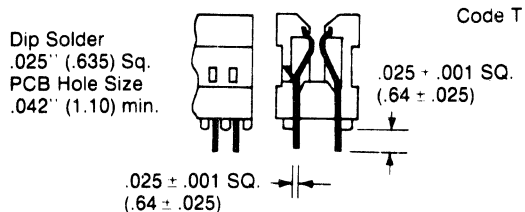
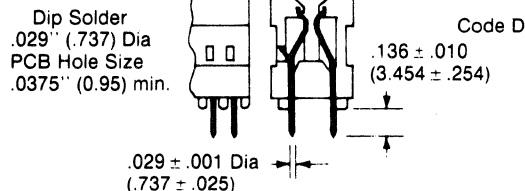
E. NUMBER OF CONTACT PAIRS

005 - 100

F. MOUNTING TYPES



D. CONTACT TERMINATION TYPE



Plastic Flush Mounting Bracket available - consult factory

Connectors fitted with Plastic Brackets only available up to 98/196 Contacts

No Bracket Code N

G. CONTACT FINISH

Phosphor Bronze, Gold plated .000010" (.25 microns) thick Code 01

Phosphor Bronze, Gold plated .000030" (.75 microns) thick on engagement area, .000010" (.25 microns) thick remainder Code 05

Phosphor Bronze, Tin plated .000250" (6.35 microns) thick Code 07

Phosphor Bronze, Gold plated .000010" (.25 microns) thick on engagement area, Tin .000200" (5 microns) on remainder Code 09

Phosphor Bronze, Gold Plated .000030" (.75 microns) thick on engagement area, Tin .000200" (5 microns) on remainder Code 23

All plating over Nickel

H. INSULATOR MATERIAL

Glass filled Polyester. Color - Black Code B

I. POLARIZATION KEY POSITION

000 - 100

J. POLARIZATION KEY TYPE

In-contact .061 (1.55) Nylon key (Black) Code P

In-contact .029 (.737) Nylon key (White) Code T

Between contact Nylon key (Red) Code B

No polarizing key Code N

K. MODIFICATION CODE

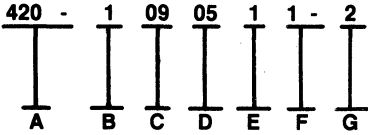
Identification Label Fitted Code 800

MANUFACTURERS' ORDERING KEYS

WCC03

WELCON CONNECTOR COMPANY

EXAMPLE



A. SHELL MATERIAL

Plastic

B. ANGLE STYLE

Right Angle

C. TOTAL NUMBER OF CONTACTS

See Outline Dwg

D. CONTACT PLATING

- 5* - Min. 10 microinches select gold over min. 50 microinches nickel on the contact point, tin lead plated tails.
- 6 - Min. 15 microinches select gold over min. 50 microinches nickel on the contact point, tin lead plated tails.
- 7 - Min. 20 microinches select gold over min. 50 microinches nickel on the contact point, tin lead plated tails.
- 8* - Min. 30 microinches select gold over min. 50 microinches nickel on the contact point, tin lead plated tails.

*Standard plating, contact factory for other options.

E. CONTACT MATERIAL

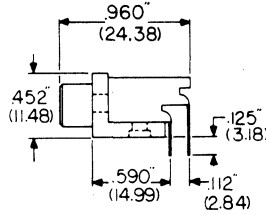
Mfr. Identification Code

F. BODY MATERIAL

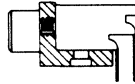
Mfr. Identification Code

G. MOUNTING STYLE

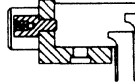
MTG. STYLE 1



MTG. STYLE 2 #4-40 Flush Mtd. Threaded Insert



MTG. STYLE 3 #4-40 Threaded Standoff

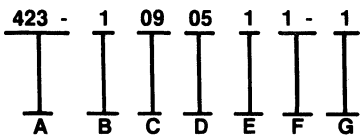


MTG. STYLE 4 Latch with #4-40 Threaded Insert

WCC05

WELCON CONNECTOR COMPANY

EXAMPLE



A. SHELL MATERIAL

Metal .318 Footprint

B. ANGLE STYLE

Right Angle

C. NUMBER OF CONTACTS

See Outline Dwg

D. CONTACT PLATING

- 5* - Min. 10 microinches select gold over min. 50 microinches nickel on the contact point, tin lead plated tails.
- 6 - Min. 15 microinches select gold over min. 50 microinches nickel on the contact point, tin lead plated tails.
- 7 - Min. 20 microinches select gold over min. 50 microinches nickel on the contact point, tin lead plated tails.
- 8* - Min. 30 microinches select gold over min. 50 microinches nickel on the contact point, tin lead plated tails.

*Standard plating, contact factory for other options.

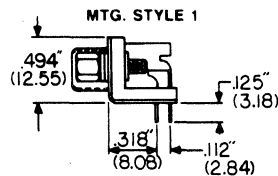
E. CONTACT MATERIAL

Mfr. Identification Code

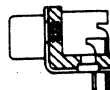
F. BODY MATERIAL

Mfr. Identification Code

G. MOUNTING STYLE



MTG. STYLE 2 #4-40 Flush Mtd. Threaded Insert

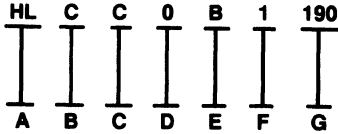


MANUFACTURERS' ORDERING KEYS

WCH05

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series HL

B. NUMBER OF CONTACT PAIRS

C - 10, 12, 13, 20, 25, 30,
36, 40, 43, 50, 60, 61, 65, 70
D - 15, 18, 20, 28, 30, 31,
36, 40, 43, 44, 49, 50

C. GRID PATTERN

C = .100" x .200"
D = .125" x .250"

D. TYPE OF MOUNTING

With Raised Mounting Ears
0 = .128" Dia. mounting holes
2 = #4-40 threaded bushings
With Flush Mounting Ears
4 = .128" Dia. mounting holes
5 = #4-40 threaded bushings
With No Mounting Ears
6 = with no mounting ears

E. CONTACT STYLE

B = Bifurcated

F. CONTACT TERMINATION

1 = Dip Solder, .023" Wide x
.170" Extension
2 = Dip Solder, .040" Wide x
.170" Extension
3 = Dip Solder, .025" Sq. x
.170" Extension
4 = Wire Wrap, .025" Sq. x
.575" Extension

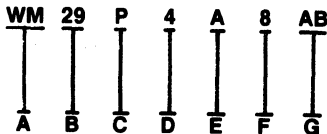
G. CONTACT PLATING

190 = Gold Over Nickel,
Tin On Tail

WCH42

WINCHESTER ELECTRONICS

EXAMPLE



A. INSERT SERIES CODE

(WM)

B. NUMBER OF CONTACTS

11, 17, 23, 29, 35

C. PLUG CONNECTOR

Pin contact

D. CONTACT EXTENSION

3 = for PC boards up to .0625"
4 = for .0625" PC boards
6 = for .1250" PC boards
10 = for .250" PC boards

E. CONTACT PLATING

Blank = Standard .000015" gold over copper
A = .000030" gold over copper
E = .000050" gold over copper
G = .000050" gold over nickel
N = .0000100" gold over copper

F. POLARIZATION TYPE

8 = Contact polarization plug
9 = Shell polarization pin

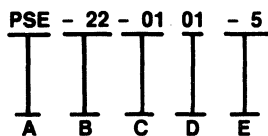
G. POLARIZATION POSITIONS

Indicate contact identification letter(s) as
required A through Z.

KAM23

KEL-AM INCORPORATED

EXAMPLE



A. SERIES

B. NO. OF CONTACTS PER ROW

10, 15, 18, 22, 28, 36, 43

C. TERMINAL TYPE

01 = Eyelet
41 = Dip Solder .150 Lg.

D. PLATING

CODE	GOLD AT AREA "C"	TERMINAL PLATING	UNDERPLATING
01	.000010	.000010 Gold	.000030 Nickel
03	.000030	.000030 Gold	.000050 Nickel
52	.000020	Gold Flash	.000040 Nickel
53	.000030	Gold Flash	.000050 Nickel
42	.000020	Tin/Lead	.000040 Nickel
41	.000010	Tin/Lead	.000030 Nickel

E. OPTION

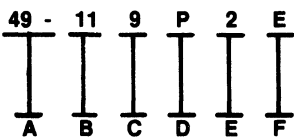
0 = No Ears
5 = With Ears

MANUFACTURERS' ORDERING KEYS

WCH09

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series 49
Series 149
(Shielded)

B. GRID PATTERN

11 = .109" x .112"

C. NUMBER OF CONTACTS

9, 15, 25, 37

D. CONTACT TYPE

S = Socket
P = Pin

E. MATING HARDWARE

0 = .124" Dia. Thru-Hole (Ser. 49)
0 = .120" Dia. Thru-Hole (Ser. 149)
1 = #4-40 Threaded Inserts
2 = #4-40 Threaded Standoff Bushings
6 = M3 Threaded Flush Inserts
7 = M3 Threaded Standoff Bushings

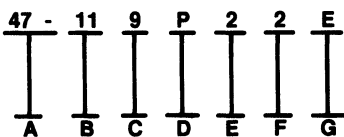
F. CONTACT PLATING

E	.000015 Au On Mating End. Tin On Remainder
D	.000030 Au On Mating End. Tin On Remainder
J	.0001 - .0002 Sn On Entire Contact

WCH10

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series 47
Series 147
(Shielded)

B. GRID PATTERN

11 = .109" x .112"

C. NUMBER OF CONTACTS

9, 15, 25, 37, 50

D. CONTACT TYPE

S = Socket
P = Pin

E. MATING HARDWARE

2 = Without Mounting Rivets
3 = With Mounting Rivets
For .093" & .125" P.C.B.
4 = With Mounting Rivets
For .062" P.C.B.

F. MOUNTING RIVET OPTIONS

0 = .124" Dia. Thru-Hole (Ser. 47)
0 = .120" Dia. Thru-Hole (Ser. 147)
1 = #4-40 Threaded Flush Inserts
2 = #4-40 Threaded Standoff Bushings
3 = #4-40 Latches
4 = M3 Latches
6 = M3 Threaded Flush Inserts
7 = M3 Threaded Standoff Bushings

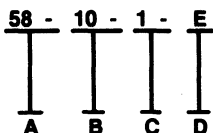
G. CONTACT PLATING

E	.000015 Au On Mating End. Tin On Remainder
D	.000030 Au On Mating End. Tin On Remainder
J	.0001 - .0002 Sn On Entire Contact

WCH18

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series 58

B. NUMBER OF CONTACTS

10, 14, 16, 20, 26,
34, 40, 50, 60, 64

C. TAIL EXT.

1 = .125" Extension from Mounting Boss
2 = .100" Extension from Mounting Boss

D. CONTACT PLATING

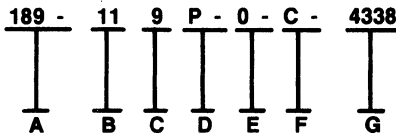
E	.000015 Au On Mating End. Tin On Remainder
D	.000030 Au On Mating End. Tin On Remainder
J	.0001 - .0002 Sn On Entire Contact

MANUFACTURERS' ORDERING KEYS

WCH20

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series 189

B. GRID PATTERN

11 = .109" x .112"

C. NUMBER OF CONTACTS

9, 15, 25, 37, 50*

Consult sales for availability.

D. INSULATOR

S = Socket

P = Pin

E. MOUNTING OPTIONS

0 = .125" Dia. Through-Hole (-4338 Only)

1 = #4-40 UNC Latches

3 = #4-40 UNC Standoffs

5 = #4-40 UNC Inserts

F. PLATING

C - .000030 Au selective plating over .000050

Ni on contact area. Au Flash on C-section.

D - .000030 Au selective plating over .000050

Ni on contact area. Bright Solder on C-section.

GOLD FLASH - .000002 to .000005 gold.

BRIGHT SOLDER - .000050 to .000100

bright solder.

G. INSULATOR OPTION

Connectors may also be ordered in black insulator material by adding:

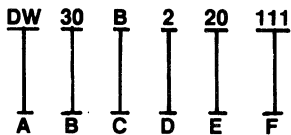
- 4338 = Black - No Grounding Strap

- 4514 = Black - With Grounding Strap

WCH37

WINCHESTER ELECTRONICS

EXAMPLE



A. INSERT SERIES CODE

(DW)

B. NUMBER OF CONTACT PAIRS

18, 20, 26, 30, 40, 50.

C. GRID SPACING

B = .125" x .125"

D. MOUNTING

0 = .128" diameter clearance hole

2 = #4-40 threaded insert, molded in.

E. POLARIZATION KEY

10 = without between contact polarization

20 = with between contact polarization

F. PLATING

111 = .000015" gold over nickel.

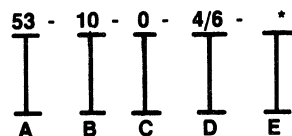
112 = .000030" gold over nickel.

113 = .000050" gold over nickel.

WCH35

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series 53

B. NUMBER OF CONTACTS

10, 16, 20, 26, 30,

34, 40, 44, 50, 60

C. MOUNTING OPTION

0 = No Mounting

1 = Half Mounting Ears

2 = Full Mounting Ears

D. POLARIZATION OPTION

Using "Even" Numbered Contact Row, Specify Contact Position Numbers Before and After Desired Pol. Key Position for Each Pol. Key Required.

Single Polarization Example: 53- ** - - 4/6 - ; Would Provide A Pol. Key Between Contact Pair Positions 3, 4 and 5, 6.

Double Polarization Example: 53- ** - - 4/6 - 40/42 - ;

Would Provide A Pol. Key Between Contact Pair Positions 3, 4 and 5, 6 and also 39, 40 and 41, 42.

OMIT THIS STEP IF POLARIZATION IS NOT REQUIRED.

E. CONTACT PLATING

Consult Sales Dept.

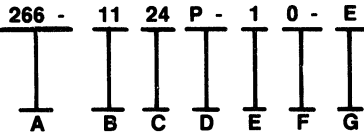
For Options

MANUFACTURERS' ORDERING KEYS

WCH23

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series 266

B. GRID PATTERN

11 = .085" x .151" (Plug)
 .085" x .169" (Recpt.)
 12 = .085" x .160" (P & R)

(Insulators For .085" x .160" Grid
 Are Black In Color)

C. NUMBER OF CONTACTS

24, 36, 50

D. INSULATOR

P = Plug
 R = Receptacle

E. CONTACT TAIL LENGTH

1 = .125 (for .062 P.C.B.)
 2 = .170 (for .093 & .125 P.C.B.)

F. MOUNTING OPTIONS

0 = .187" Dia. Thru-Hole
 1 = #4-40 Flush Insert
 2 = #4-40 Stand-Off

G. PLATING

E .000015 Au On Mating End,
 Tin On Remainder

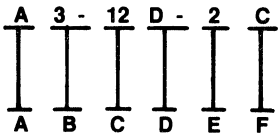
D .000030 Au On Mating End,
 Tin On Remainder

J Tin On Entire Contact

HRS11

HIROSE ELECTRIC U.S.A., INC.

EXAMPLE



A. SERIES

B. ROWS

3 : 2 Row
 4 : 1 Row

C. POSITIONS

2 Row: 4,6,10,12,14,18,20,24,28
 1 Row: 2,3,4,5,6,8,10,12

D. CONFIGURATION

D : 2 Row
 S : 1 Row

E. CENTER SPACING

2mm

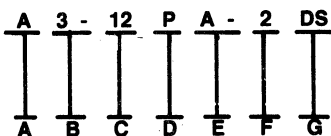
F. TERMINATION TYPE

C: Crimp

HRS12

HIROSE ELECTRIC U.S.A., INC.

EXAMPLE



A. SERIES

B. ROWS

3 : 2 Row
 4 : 1 Row

C. POSITIONS

2 Row: 4,6,8,10,12,14,16,18,20,22,
 24,26,28,30,32
 1 Row: 2,3,4,5,6,7,8,9,10,11,12,
 13,14,15,16

D. CONTACT PIN

P

E. PLATING

A: Selective Gold

F. CENTER SPACING

2mm

G. TERMINATION METHOD

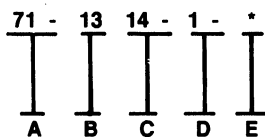
Right Angle: DS
 Straight: DSA

MANUFACTURERS' ORDERING KEYS

WCH25

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE
Series 71

B. GRID PATTERN

13 = .100" x .300"

C. NO. OF CONTACTS

14, 16

D. TAIL EXT.

(No Dash) = .160" Extension from Mounting Boss

-1 = .130" Extension from Mounting Boss

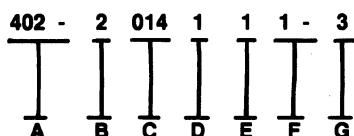
E. CONTACT PLATING

Consult Sales Dept. for options.

WCC02

WELCON CONNECTOR COMPANY

EXAMPLE



A. TAIL LENGTH

STYLE	TAIL DIMENSIONS CROSS SECTION		LENGTH	
	In.	Mm	In.	Mm
2	.045 x .045	1.14 x 1.14	.460	11.68
3	.045 x .045	1.14 x 1.14	.550	13.97
4*	.045 x .045	1.14 x 1.14	.770	19.56
5	.031 x .062	.79 x 1.57	.460	11.68
6	.031 x .062	.79 x 1.57	.550	13.97
7*	.031 x .062	.79 x 1.57	.770	19.56

*Standard tail length, contact factory for other options.

B. LEAD CENTER
Mfr. Identification Code

C. TOTAL NUMBER OF CONTACTS
See Outline Dwg

D. CONTACT PLATING

- 1 - Min. 10 microinches select gold over min. 50 microinches nickel on the contact point, unplated tails.
- 2 - Min. 15 microinches select gold over min. 50 microinches nickel on the contact point, unplated tails.
- 3 - Min. 20 microinches select gold over min. 50 microinches nickel on the contact point, unplated tails.
- 4 - Min. 30 microinches select gold over min. 50 microinches nickel on the contact point, unplated tails.
- 5* - Min. 10 microinches select gold over min. 50 microinches nickel on the contact point, tin lead plated tails.
- 6 - Min. 15 microinches select gold over min. 50 microinches nickel on the contact point, tin lead plated tails.
- 7 - Min. 20 microinches select gold over min. 50 microinches nickel on the contact point, tin lead plated tails.
- 8* - Min. 30 microinches select gold over min. 50 microinches nickel on the contact point, tin lead plated tails.

*Standard plating, contact factory for other options.

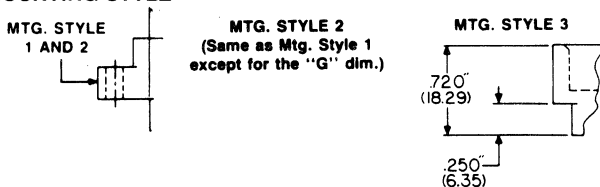
E. CONTACT MATERIAL

Mfr. Identification Code

F. BODY MATERIAL

Mfr. Identification Code

G. MOUNTING STYLE



MOUNTING STYLE	"G"		"H"		"J"	
	In.	Mm	In.	Mm	In.	Mm
1	.129	3.28	.250	6.35	.250	6.35
2	.150	3.81	.250	6.35	.250	6.35
3	No Ears		.250	6.35	No Ears	
6	.129	3.28	.210	5.33	.250	6.35

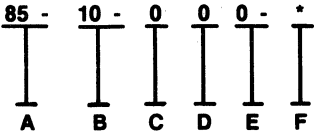
Also available with #4-40 threads. please consult factory.

MANUFACTURERS' ORDERING KEYS

WCH30

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series 85
Series 86

B. NUMBER OF CONTACTS

10, 14, 16, 20, 26,
34, 40, 50, 60, 64

C. CONTACT TYPE

0 = Straight Pin
1 = Right Angle Pin

D. CONTACT STYLE

0 = .025" Sq. Wire Wrap, .610" Extension
1 = .025" Sq. Dip Solder, .103" Extension, for .062" P.C. Board
2 = .025" Sq. Dip Solder, .165" Extension, for .125" P.C. Board
3 = .028" Dia. Dip Solder, .103" Extension, for .062" P.C. Board
4 = .028" Dia. Dip Solder, .165" Extension, for .125" P.C. Board

E. EJECTOR LATCH OPTIONS

0 = No Latches Required.
1 = For use with 61 or 81 Series socket connector **without** strain relief.
2 = For use with 61 or 81 Series socket connector **with** strain relief.
3 = For use with 51 Series socket connector **with** or **without** strain relief.

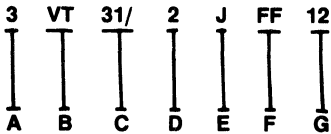
F. CONTACT PLATING

Consult Sales Dept.
For Options

VKC14

VIKING CONNECTOR CO.

EXAMPLE



A. POLARIZATION

3 Between-Contacts (Internal).

B. CONTACT PLATING

KT .000010 gold engagement area;
.000100 - .000150 tin lead
termination area.

VT .000030 gold engagement area;
.000100 - .000150 tin lead
termination area.

C. NUMBER OF CONTACT PAIRS

15, 18, 22, 25, 30, 31, 36, 40, 43, 50

D. INSULATOR MATERIAL

2 Polyester (black)

E. SERIES IDENTIFIER

J .100 (2.54) Contact Centers;
.062 (1.57) P.C. Board.

F. CONTACT TERMINATIONS

FF Dip Solder
NX Wrap Post

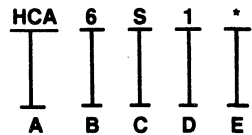
G. MOUNTING STYLES

1 Flush Mount
5 Thru Hole
12 No Ears

WCH06

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series HCA -
.156" x .200"
Series HCB -
.156" x .140"

B. NUMBER OF CONTACT PAIRS

HCA - 6, 10, 15, 18,
22, 25
HCB - 6, 10, 15, 18,
22, 28, 36, 43

C. TERMINATION TYPE

Series HCA -
S = Solder Eyelet
D1 = Dip Solder .156" lg.
D2 = Dip Solder .200" lg.
D3 = Dip Solder .250" lg.

D. TYPE OF MOUNTING

0 = .128" diameter mounting hole
1 = Floating bushing with clearance hole for
#4 screw
2 = Molded-in bushing with #4-40 threads.

E. PLATING

Blank = Standard 15_ inch gold.
Consult sales department for variations.

Series HCB -

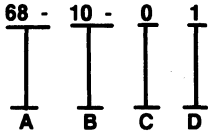
S = Solder Eyelet
D1 = Dip Solder .125" lg.
D2 = Dip Solder .200" lg.
D3 = Dip Solder .375" lg.

MANUFACTURERS' ORDERING KEYS

WCH31

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series 68

B. NUMBER OF CONTACTS

10, 14, 16, 20, 26,
34, 40, 50, 60

C. MOUNTING OPTIONS

0 = Without Mounting Ears
1 = With Mounting Ears

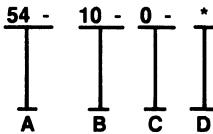
D. STRAIN RELIEF OPTIONS

0 = Without Strain Relief
1 = With Strain Relief

WCH28

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series 54

B. NUMBER OF CONTACTS

10, 16, 20, 26,
34, 40, 50, 60

C. SOLDER TAIL EXT.

D. CONTACT PLATING

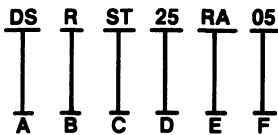
Consult Sales Dept.
For Options

P.C.B. THICKNESS (From Mounting Boss)		
0	.032" - .047"	.073" [1.85]
1	.062"	.093" [2.36]
2	.094" - .125"	.148" [3.76]

VKC12

VIKING CONNECTOR CO.

EXAMPLE



A. SERIES IDENTIFIER

DS D-Subminiature Series

B. PART IDENTIFIER

R Receptacle
P Plug

C. CONTACT PLATING

ST .000010 gold over nickel
ZT .000030 gold over nickel

D. NUMBER OF CONTACTS

25 9, 15, 25, 37, 50

E. CONTACT TERMINATION

RA Right-Angle

F. MOUNTING STYLES

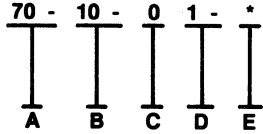
01 Thru Hole
02 Latching Block with 4-40 UNC-2B
03 Latching Block with Thru Hole
04 Latching Block with M3 x 0.5-6H
05 Threaded Insert with 4-40 UNC-2B,
Flush Mount
06 Threaded Insert with M3 x 0.5-6H
07 Hex Stand-Off with 4-40 UNC-2B
08 Hex Stand-Off with M3 x 0.5-6H
09 Round Stand-Off with 4-40 UNC-2B
10 Round Stand-Off with M3 x 0.5-6H
Mounting styles 02, 03 and 04 are available
for receptacles only.
Mounting styles 01, 05, 06, 07, 08,
09 and 10 are available for both
receptacles and plugs.

MANUFACTURERS' ORDERING KEYS

WCH32

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series 70

B. NUMBER OF CONTACTS

10, 14, 16, 20, 26,
34, 40, 50, 60

C. CONTACT TYPE

0 = Straight Pin
1 = Right Angle Pin

D. CONTACT STYLE

0 = .025" Sq. Wire Wrap, .610" Extension
1 = .025" Sq. Dip Solder, .112" Extension
For .062" P.C. Board
2 = .025" Sq. Dip Solder, .175" Extension
For .125" P.C. Board
3 = .028" Dia. Dip Solder, .112" Extension
For .062" P.C. Board
4 = .028" Dia. Dip Solder, .175" Extension
For .125" P.C. Board

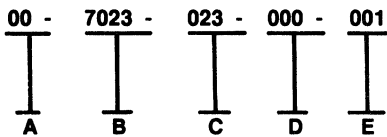
E. CONTACT PLATING

Consult Sales Dept.
For Options

ELO11

ELCO CORPORATION

EXAMPLE



A. PREFIX

00 - Complete Connection Code

B. SERIES

Manufacturer Identification Code

C. NUMBER OF CONTACTS

017, 023, 029, 035, 041, 047

D. CONTACT CODE

Manufacturer Identification Code

E. VARIATION CODE

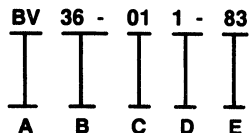
DIALYL PHTHALATE GLASS FILLED	
1/16" CARD	3/32" CARD
001	002
110*	111*

*Conforms to MIL-C-21097.

EBY18

EBY COMPANY

EXAMPLE



A. SERIES

B. NUMBER OF CONTACTS

02 thru 36

C. CONTACT TERMINATIONS

01 - .008 x .027 x .142 length
(0.20 x 0.69 x 3.61)

D. CONTACT MATERIAL

1 - Phosphor Bronze

E. CONTACT FINISH

43 - Tin-Lead plate over Nickel
83 - .00003" Selective Gold*,
Tin-Lead on tail, over Nickel

*Selective Gold is on the male female engaging area.

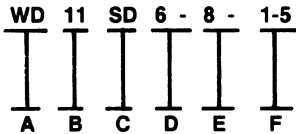
Note: These items are not standard distributor items.

MANUFACTURERS' ORDERING KEYS

WCH40

WINCHESTER ELECTRONICS

EXAMPLE



- A. INSERT SERIES CODE**
(WD)
- B. NUMBER OF CONTACTS**
11 or 22

C. TERMINATION TYPE

S = Solder cup
SD = Dip Solder

D. CONTACT LENGTH

Dip solder only = Dim. "M" =
4, 5, 6, 8, 10, 12, equal in 64ths.
See Table SD

Omit contact length designation when
requesting solder cup terminals.

E. CONTACT POLARIZATION DESIRED

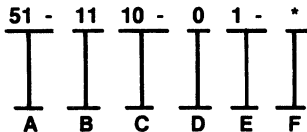
Insert -8. Specify position(s) with dash
number(s) in Step F. Omit Steps E and F if
polarization not desired.

F. CONTACT POLARIZATION LOCATION(S)

WCH34

WINCHESTER ELECTRONICS

EXAMPLE



- A. SERIES CODE**
Series 51
Series 61
- B. GRID PATTERN**
11 = .100" x .100"

C. NUMBER OF CONTACTS

10, 14, 16, 20, 26,
34, 40, 50, 60

D. SIDE KEY OPTIONS

0 = Without Side Key
1 = With Single Side Key

E. STRAIN RELIEF OPTIONS

0 = Without Strain Relief
1 = With Strain Relief

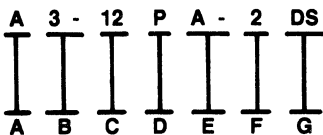
F. CONTACT PLATING

Consult Sales Dept.
For Options

HRSJ03

HIROSE ELECTRIC CO., LTD.

EXAMPLE



- A. SERIES**
- B. NUMBER OF ROWS**
3 : 2 Row
4 : 1 Row

C. POSITIONS

2 Row: 4,6,8,10,12,14,16,18,20,22,
24,26,28,30,32

1 Row: 2,3,4,5,6,7,8,9,10,11,12,
13,14,15,16

D. PIN CONTACT

P

E. PLATING

A: Selective Gold

F. CENTER SPACING

2mm

G. TERMINATION ANGLE

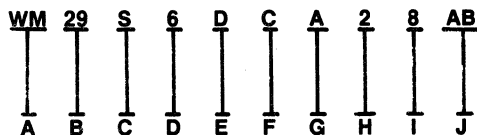
Right Angle: DS
Straight: DSA

MANUFACTURERS' ORDERING KEYS

WCH43

WINCHESTER ELECTRONICS

EXAMPLE



A. INSERT SERIES CODE
(WM)

B. NUMBER OF CONTACTS
11, 17, 23, 29, 35.

C. RECEPTACLE CONNECTOR
Socket contact

D. DIP SOLDER TERMINATION LENGTH
(Omit for other termination types)
3 = for PC boards up to .0625"
4 = for .0625" PC boards
6 = for .125" PC boards
10 = for .250" PC boards

E. TERMINATION TYPE
D = Dip solder
FC = Filled solder cup
T5 = Tubular turret with .156" wire groove

F. SPECIAL CONTACT TYPES
C = Closed entry, phosphor bronze.
BCC = Closed entry, beryllium copper.

G. CONTACT PLATING

Blank = Standard .000015" gold over
.0000100" copper.
A = .000030" gold over copper.
E = .000050" gold over copper.
G = .000050" gold over nickel.
N = .0000100" gold over copper.

H. MOUNTING

0 = .278" diameter holes
1 = .170" diameter holes
2 = .144" diameter holes
3 = threaded hole for #4 machine screw.

Note: Floating bushing for #6 machine screw standard except fixed bushing standard for dip solder.

I. POLARIZATION TYPE

8 = Contact polarization
9 = Shell polarization slot

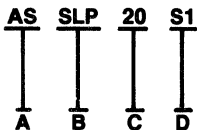
J. POLARIZATION POSITIONS

Indicate contact identification letter(s) as required A through Z.

ASL05

A & STEVENSON, INC.

EXAMPLE



A. MANUFACTURER'S IDENTIFICATION

B. SERIES
SLP - Slim Line Plug Connector

C. NUMBER OF CONTACTS
10 20 40
14 26 50
16 34 60

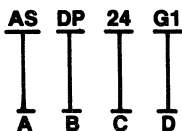
D. CONTACT PLATING
T1 - 7.620 μm (0.000300") Tin
G1 - 0.127 μm (0.000005") Gold over 1.27 μm (0.000050") Nickel

G2 - 0.254 μm (0.000010") Gold over 1.27 μm (0.000050") Nickel
G3 - 0.381 μm (0.000015") Gold over 1.27 μm (0.000050") Nickel
G4 - 0.762 μm (0.000030") Gold over 1.27 μm (0.000050") Nickel
S1 - 0.127 μm (0.000005") Selective Gold over 1.27 μm (0.000050") Nickel
S2 - 0.254 μm (0.000010") Selective Gold over 1.27 μm (0.000050") Nickel
S3 - 0.381 μm (0.000015") Selective Gold over 1.27 μm (0.000050") Nickel

ASL04

A & STEVENSON, INC.

EXAMPLE



A. MANUFACTURER'S IDENTIFICATION

B. SERIES
DP - Dip Plug

C. NUMBER OF CONTACTS
14 24 40
16 28

D. CONTACT PLATING
T1 - 7.620 μm (0.0003000") Tin
G1 - 0.127 μm (0.000005") Gold over 1.27 μm (0.000050") Nickel
G2 - 0.254 μm (0.000010") Gold over 1.27 μm (0.000050") Nickel

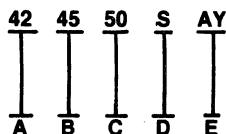
G3 - 0.381 μm (0.000015") Gold over 1.27 μm (0.000050") Nickel
G4 - 0.762 μm (0.000030") Gold over 1.27 μm (0.000050") Nickel
S1 - 0.127 μm (0.000005") Selective Gold over 1.27 μm (0.000050") Nickel
S2 - 0.254 μm (0.000010") Selective Gold over 1.27 μm (0.000050") Nickel
S3 - 0.381 μm (0.000015") Selective Gold over 1.27 μm (0.000050") Nickel

MANUFACTURERS' ORDERING KEYS

WCH45

WINCHESTER ELECTRONICS

EXAMPLE



A. INSERT SERIES CODE (42)

B. HARDWARE AND ACCESSORIES

- 40 = Molding, no hardware
- 41 = Molding, with guides
- 42 = Molding, with short turning jackscrews, no hood
- 43 = Molding, with long turning jackscrews, no hood
- 44 = Molding, with guides and hood
- 45 = Molding, with long turning jackscrews and hood
- 46 = Molding, with fixed jackscrews

C. NUMBER OF CONTACTS 50 or 74

D. SOCKET CONTACTS

Solder cup termination

E. POLARIZATION POSITIONS

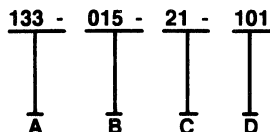
Specify polarizing positions required from 24 center positions. See note below.

*Polarization is available in 50 contact configuration only. Choice of any combination of 24 center positions. Specify polarizing positions required. Positions top to bottom are: A, B, C, D, E, F, H, J, K, L, M, N, P, R, S, T, U, V, W, X, Y, Z, a, b.

AAP4

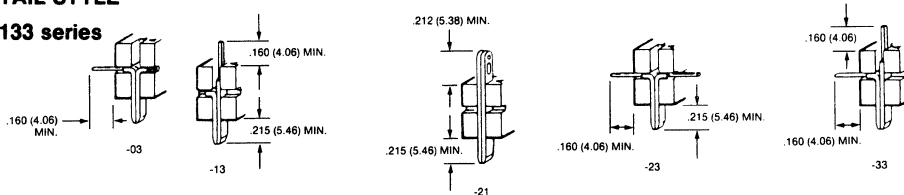
ALLIED AMPHENOL PRODUCTS

EXAMPLE

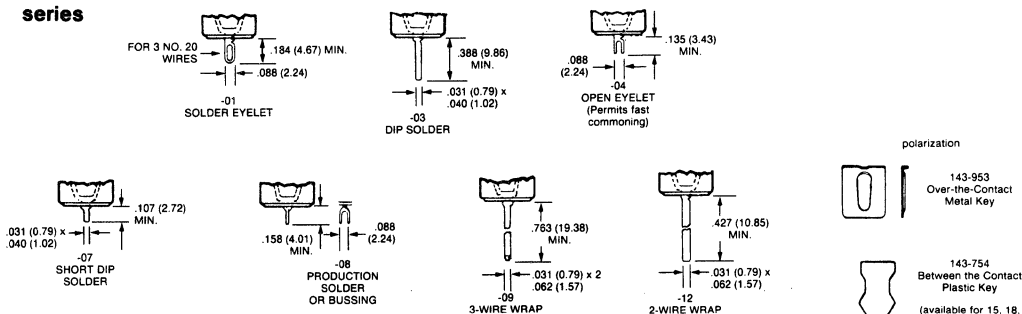


C. TAIL STYLE

133 series



143 series



A. SERIES

- 133 Plug
- 143 Receptacle

B. NUMBER OF CONTACTS

Digit Group	No. of Contacts
006-	6
010-	10
012-	12
015-	15
018-	18
022-	22
028-	28
036-	36

The 28 and 36 position connectors are available only in the 143 Series.

D. COMMON DEVIATIONS

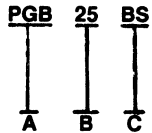
- (101) .0001 (0.00254) min gold-over-copper contact plating
- (102) .00003 (0.00086) gold-over-nickel contact plating
- (107) (for receptacle) stainless-steel float bushings
- (110) (for receptacle) card guide 15, 18 & 22 size only

MANUFACTURERS' ORDERING KEYS

WCH47

WINCHESTER ELECTRONICS

EXAMPLE



A. INSERT SERIES CODE (PGB)

B. NUMBER OF CONTACT POSITIONS

10, 15, 20, 25, 30, 35, 40 single row
10, 15, 20, 25, 30, 35, 40, 51
contact pairs

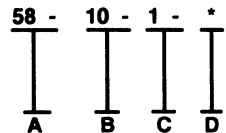
C. GRID SPACING

A = .100" x .100" double row*
AS = .100" single row
B = .125" x .125" double row*
BS = .125" single row
C = .100" x .200" double row*
D = .125" x .250" double row*

WCH27

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE Series 58

B. NUMBER OF CONTACTS

10, 14, 16, 20, 26,
34, 40, 50, 60, 64

C. TAIL EXT.

1 = .125" Extension from Mounting Boss
2 = .100" Extension from Mounting Boss

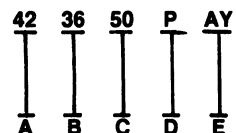
D. CONTACT PLATING

Consult Sales Dept.
For Options

WCH46

WINCHESTER ELECTRONICS

EXAMPLE



A. INSERT SERIES CODE (42)

B. HARDWARE AND ACCESSORIES

34 = Molding, no hardware
35 = Molding, with guides
36 = Molding, with fixed jackscrew set
52 = Molding, with short turning jackscrews
53 = Molding, with long turning jackscrews
54 = Molding, with hood and guides
55 = Molding, with hood and long turning
jackscrews

C. NUMBER OF CONTACTS

50 or 74

D. PIN CONTACTS

E. POLARIZATION POSITIONS

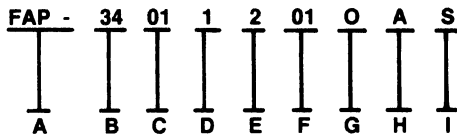
Specify polarizing positions required from
24 center positions. See note below.
*Polarization is available in 50 contact
configuration only. Choice of any
combination of 24 center positions. Specify
polarizing positions required. Positions top
to bottom are: A, B, C, D, E, F, H, J, K, L, M,
N, P, R, S, T, U, V, W, X, Y, Z, a, b.

MANUFACTURERS' ORDERING KEYS

YEI01

YAMAICHI ELECTRONICS, INC.

EXAMPLE



A. PLUG

B. NUMBER OF TERMINALS

10, 16, 20, 26, 30, 34, 40, 50, 60, 64

C. SERIES NUMBER

D. *KEY STYLE

"1" - With positive key and mil clip key

"2" - With positive key

(10 pin is only available)

E. STYLE OF LATCH LEVER

"0" - Without latch lever

"1" - Latching height 10.3 mm (0.405 in)
(for socket without S. Relief)

"2" - Latching height 14.2 mm (0.56 in)
(for socket with S. Relief)

F. STYLE OF TERMINALS

"1" - Right angle wire wrapping terminal

"2" - Right angle DIP solder terminal

"3" - Straight Wire wrapping terminal

"4" - Straight DIP solder terminal

G. MATING CABLE

"0" - AWG 28-30 cable gage

"1" - AWG 24-26 cable gage

H. CONTACT AREA PLATING SPEC.

"A" - Gold 0.76 micron (30 μ in) min. over
Nickel 2.5-4.5 micron (98-177 μ in)

"B" - Gold 0.3-0.5 micron (12-20 μ in) over
Nickel 2.5-4.5 micron (98-177 μ in)

"S" - Tin 2-4 micron (79-157 μ in) over Nickel
2.5-4.5 micron (98-177 μ in)

I. DIP TERMINAL PLATING SPEC.

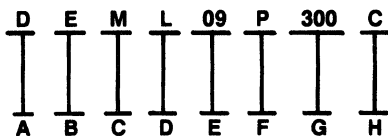
"S" - Tin 2-4 micron (79-157 μ in) over
Nickel 2.5-4.5 micron (98-177 μ in)

* Due to small size, 10 pin header is only available
with either POSITIVE key or WITH MIL CLIP key.

SOU03

SOURIAU, INC.

EXAMPLE



A. SERIES

D

B. SHELL SIZE

E = 9 ckts, A = 15 ckts, B = 25 ckts

C = 37 ckts, D = 50 ckts

C. SERIES

M

D. MOUNTING

F : Float mounting - insert letter F for float
mounting connectors, e.g. DEM F09P

L : Riveted nuts (M3) - insert letter L for
connectors with M3 riveted nuts, e.g. DM
L09P

O : Riveted nuts (UNC4-40) - insert letter O for
connectors with UNC4-40 riveted nuts, e.g.
DEM O09P

V : Screw locking - insert letter V for
connectors with mounted female locking
posts, e.g. DEM V09P

E. NUMBER OF CONTACTS

09, 15, 25, 37, 50

F. TERMINATION TYPE

P = Plug

S = Socket

G. OPTIONS

NONE = Solder Bucket

300 = Straight Spill

400 = Wire Wrap (3 Wraps)

600 = Wire Wrap (2 Wraps)

500 = Angled Spill (2.54mm pitch)*

800 = Angled Spill (2.84mm pitch)*

H. SUFFIX

C : Plastic brackets - add suffix C to part
number of angled spill connectors when
plastic mounting brackets are NOT
required, e.g. DEM 09P500C

M : Metal brackets - add suffix M to part
number of angled spill connectors when
metal mounting brackets are required in
place of standard plastic brackets, e.g.
DEM 09P800M

T : Tin plating - DM connectors can be
supplied with tin plated shells - add suffix
T to end of part number if required, e.g.
DEM 09PT

X : Electrical continuity - for versions with
enhanced electrical continuity add suffix X
to end of part number (male connectors
only)

-032 : MIL spec - for versions to MIL-C-
24308A add suffix -032 to end of part
number, e.g. DEM 90P-032

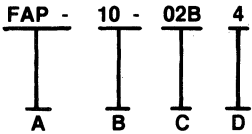
Note: where more than one suffix is
applicable, add in alphabetical order.

MANUFACTURERS' ORDERING KEYS

YE103

YAMAICHI ELECTRONICS, INC.

EXAMPLE



A. PLUG

B. NUMBER OF TERMINALS

10, 16, 20, 26, 30, 34, 40, 50, 60, 64

C. SERIES NUMBER

"02B" - Standard Header without Latches
 "07" - Standard Header with Long Latches for Socket with Strain Relief

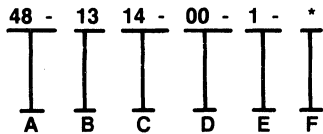
D. TERMINAL TYPE

"1" - Right angle wire wrapping terminal
 "2" - Right angle DIP solder terminal
 "3" - Straight wire wrapping terminal
 "4" - Straight DIP solder terminal

WCH24

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series 48

B. GRID PATTERN

13 = 100" x .300"

C. NUMBER OF CONTACTS

14, 16

D. FEED-THRU CONNECTOR

(No Dash) = 160" Extension from Mounting Boss
 -1 = 130" Extension from Mounting Boss

E. TAIL EXT.

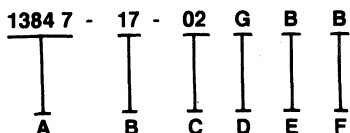
F. CONTACT PLATING

Contact Sales Department for Options.

AAP17

ALLIED AMPHENOL PRODUCTS

EXAMPLE



A. BLOCK STYLE

7 Flat Mounting Ears With Two Slots
 8 Mounting Ears Have One Slot and a Standoff with Hole for Addition of Marking Strip

B. NUMBER OF POSITIONS

1 thru 17

C. TERMINAL STYLE

01 Consult Factory
 02 #6-32 Pan Hd. w/ Wire Clamp
 03 Quick Connect

D. PLATING

G Selective Gold Over Nickel (.00003 Gold Min. Over .0001 Nickel Overall)
 T Tin
 F Selective Gold Over Nickel Gold Flash Overall (.00003 Gold Min. Over .0001 Nickel Overall, Gold Flash Overall .000002 Thk.)

E. BLOCK COLOR

B Black
 G Gray

F. SPECIAL OPTIONS (Consult Factory)

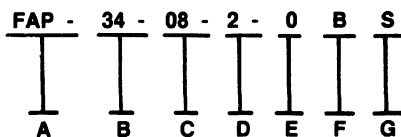
B Bus Bar
 M Marking Strip

MANUFACTURERS' ORDERING KEYS

YEI04

YAMAICHI ELECTRONICS, INC.

EXAMPLE



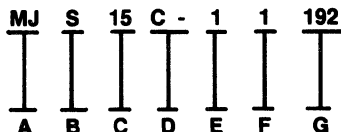
- A. PLUG
- B. NUMBER OF TERMINALS
10, 16, 20, 26, 30, 34, 40, 50, 60, 64
- C. SERIES NUMBER
- D. STYLE OF TERMINAL
"1" - Right angle wire wrapping terminal
"2" - Right angle DIP solder terminal
"3" - Straight wire wrapping terminal (under planning)
"4" - Straight DIP solder terminal

- E. MANUFACTURERS CODE
- F. CONTACT AREA PLATING SPEC.
"A" - Gold 30 μin min. over Nickel 98-177 μi
"B" - Gold 12 μin min. over Nickel 98-177 μi
"S" - Tin 78-157 μin over Nickel 98-177 μi
- G. DIP TERMINAL PLATING SPEC.
"S" - Tin 2-4 micron (79-157 μin) over Nickel 2.5-4.5 micron (98-177 μin)

WCH02

WINCHESTER ELECTRONICS

EXAMPLE



- A. SERIES CODE
MJ (Continuous Card Collector)
C-Press Pre-Assembled Edgecard Connector - Bifurcated Contacts
- B. END CONFIGURATION
Blank = No Open End (MJ)
S = One Open End (MJS)
- C. NUMBER OF CONTACT PAIRS
15 through 61
- D. GRID SPACING
C = .100" x .200"

- E. CARD SLOT DEPTH
1 = .415" [10.54] Standard
2 = .350" [8.89] [Optional On
3 = .300" [7.62] [Shaded Ends
Only

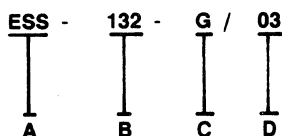
- F. TAIL LENGTH
1 = .175" [4.44]
2 = .475" [12.07]
3 = .570" [14.48]
4 = .702" [17.83]
6 = .365" [9.27]

- G. PLATING (SELECTIVE)
192 - .000030" gold over .000050" nickel overall in contact area and bright solder on C-section and tail.
195 - .000030" gold over .000050" nickel overall in contact area and gold flash on C-section and tail.

SMI11

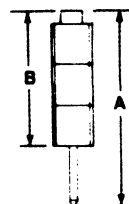
SAMTEC

EXAMPLE



- A. TYPE STRIP
ESS = Elevated Single Strip
ESD = Elevated Double Strip
- B. NUMBER OF POSITIONS
01 thru 32 (20 & 32 positions standard, ESS)
01 thru 36 (36 positions standard, ESD)
- C. PLATING OPTION
-G = 30 μi Gold Contact 10 μi Gold Shell
-T = 30 μi Gold Contact 200 μi Tin Shell
-TT = 200 μi Tin Contact and Shell

D. LEAD STYLE



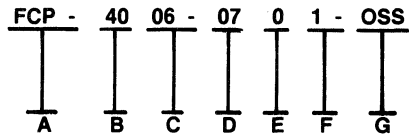
		LEAD STYLE	
A	B		
(11.51) .453	(8.38) .330	03 For LIF specify 23	
(14.05) .553	(10.92) .430	04 For LIF specify 24	
(17.86) .703	(13.46) .530	05 For LIF specify 25	

MANUFACTURERS' ORDERING KEYS

YEI05

YAMAICHI ELECTRONICS, INC.

EXAMPLE



A. TYPE

"FCP" - Dip Plug

B. NUMBER OF TERMINALS

14, 16, 18, 20, 22, 24,
26, 28, 32, 36, 40, 42

C. ROW SPACING

"3" - 7.62 mm (0.30 in)
"4" - 10.14 mm (0.40 in)
"6" - 15.24 mm (0.60 in)

D. SERIES

E. STRAIN RELIEF

"0" - Without strain relief
"1" - With strain relief

F. TERMINAL LENGTH

"1" - 3.4 mm (0.13 in)
"2" - 5.1 mm (0.20 in)

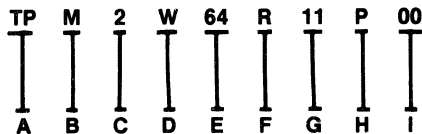
G. CONTACT PLATING

"OSS" - Tin over nickel
"OFF" - Gold over nickel

VKC16

VIKING CONNECTOR CO.

EXAMPLE



A. CONNECTOR SERIES

Viking Two Piece

Code TP

B. CONNECTOR TYPE

Male
Female

Code M
Code F

C. MOULDING TYPE

Type B-2 Row
Type C-3 Row
Type D-2 Row

Code 2
Code 3
Code 4

D. TERMINATION STYLE

Wire Wrap
Flow Solder - Long Tail
Flow Solder - Short Tail
Flow Solder - Right Angle Tail
Hand Solder - Hook Tail
Hand Solder - Pierced Tail

Code W
Code D
Code E
Code R
Code S
Code A

E. NUMBER OF CONTACTS

e.g. 64

F. LOADING ARRANGEMENT

Type B-2 Row:
16 Contacts Even Numbers Row
32 Contacts Row A
32 Contacts Row B
32 Contacts Even Numbers
Rows A & B
64 Contacts Rows A & B
Type C-3 Row:

Code R
Code S
Code T
Code U
Code V

32 Contacts Row A

Code A

64 Contacts Rows A & C

Code B

96 Contacts Rows A, B & C

Code C

16 Contacts Even Numbers
Row A

Code D

32 Contacts Even Numbers
Rows A & C

Code E

32 Contacts Odd Numbers Row A
Even Numbers Row C

Code F

64 Contacts Rows A & B

Code H

Type D-2 Row:

32 Contacts Rows A & C

Code L

16 Contacts Row A

Code M

16 Contacts Row C

Code N

16 Contacts Positions 2, 6, 10, 14,
18, 22, 26, 30 Rows A & C

Code P

Other Loading Arrangements are available
on request.

G. CONTACT PLATING

Selective 0.8µM Gold on Contact areas
0.1µM Gold Min on remainder Code 11
Selective 1.25µM Gold on Contact areas
0.1µM Gold Min on remainder Code 12
Selective 2.5µM Gold on Contact areas
0.1µM Gold Min on remainder Code 13
Selective 0.8µM Gold on Contact areas
5.0µM Tin Lead on remainder Code 21
All Gold Plating over Nickel.
Other platings on request.

H. INSULATOR MATERIAL

Glass Filled Polyester -
Color White Code P

I. VARIATIONS

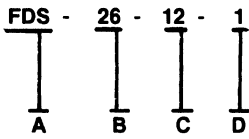
None Code 00
Advance Make Pins in Contact Positions
1 & 32 Row A. Type B & C Code 01

MANUFACTURERS' ORDERING KEYS

YE106

YAMAICHI ELECTRONICS, INC.

EXAMPLE



A. TYPE

"FDS" - Card Edge

B. NUMBER OF CONTACTS

20, 26, 30, 34,
40, 50, 60, 64

C. STRAIN RELIEF

"12" - Without Strain Relief
"13" - With Strain Relief

D. FLANGE

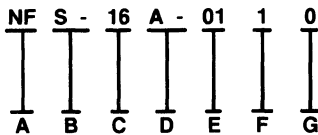
"1" - With Flange

"2" - Without Flange

YE107

YAMAICHI ELECTRONICS, INC.

EXAMPLE



A. SERIES

B. SOCKET

C. NUMBER OF CONTACTS

10, 16, 20, 26, 30
34, 40, 50, 60, 64, 80

D. TYPE

Type A Socket

E. MANUFACTURERS CODE

F. POLARITY KEY

0 - Without Polarity Key

1 - With Polarity Key

G. STRAIN RELIEF

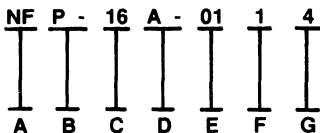
0 - Without Strain Relief

1 - With Strain Relief

YE108

YAMAICHI ELECTRONICS, INC.

EXAMPLE



A. SERIES

B. HEADER PLUG

C. NUMBER OF CONTACTS

10, 16, 20, 26, 30
34, 40, 50, 60, 64, 80

D. TYPE

A - Type C Plugs and Sockets

E. MANUFACTURERS CODE

F. LATCHING LEVERS

0 - Without Latch Lever

1 - With Latch Lever

G. TERMINATION TYPE

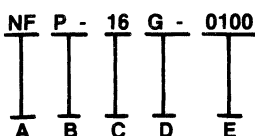
2 - Right Angle Solder

4 - Straight Solder

YE110

YAMAICHI ELECTRONICS, INC.

EXAMPLE



A. SERIES

B. PLUG

C. NUMBER OF CONTACTS

10, 16, 20, 26, 30
34, 40, 50, 60, 64

D. TYPE

G - Solder Dip

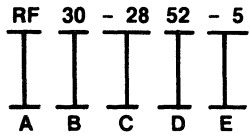
E. STANDARD NUMBER

MANUFACTURERS' ORDERING KEYS

KAM04

KEL-AM INCORPORATED

EXAMPLE



- A. SERIES**
B. NO. OF CONTACTS PER ROW
 10, 13, 17, 18, 20,
 22, 25, 30, 36
C. TERMINAL SIZE
 28 = 28 Awg (Stranded)

D. CONTACT PLATING

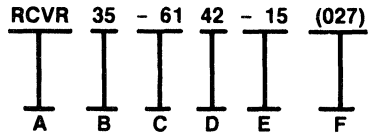
CODE	GOLD AT AREA "C"	TERMINAL PLATING	UNDERPLATING
01	.000010	.000010 Gold	.000030 Nickel
03	.000030	.000030 Gold	.000050 Nickel
52	.000020	Gold Flash	.000040 Nickel
53	.000030	Gold Flash	.000050 Nickel
42	.000020	Tin/Lead	.000040 Nickel
41	.000010	Tin/Lead	.000030 Nickel

- E. OPTION**
 0 = No Ears
 5 = With Ears

KAM19

KEL-AM INCORPORATED

EXAMPLE



- A. SERIES**
B. NO. OF CONTACTS PER ROW
 10, 15, 18, 20, 22, 25, 28, 30, 35,
 36, 40, 43, 49, 50, 55, 60, 65
C. RIGHT ANGLE DIP SOLDER CONTACTS
D. PLATING

CODE	GOLD AT AREA "C"	TERMINAL PLATING	UNDERPLATING
01	.000010	.000010 Gold	.000030 Nickel
03	.000030	.000030 Gold	.000050 Nickel
52	.000020	Gold Flash	.000040 Nickel
53	.000030	Gold Flash	.000050 Nickel
42	.000020	Tin/Lead	.000040 Nickel
41	.000010	Tin/Lead	.000030 Nickel

- E. MOUNTING EARS W/ RIGHT ANGLE HOLES**

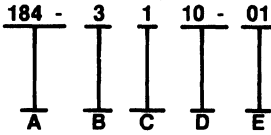
- F. OPTION**
 No Modifier req'd for "X" dimen. of .320 (027)
 modifier req'd for "X" dimen. of .275

MANUFACTURERS' ORDERING KEYS

MEI05

METHODE ELECTRONICS, INC.

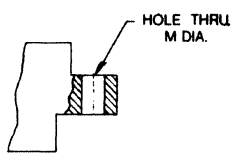
EXAMPLE



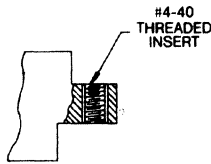
A. SERIES

Mfr. Identification Code

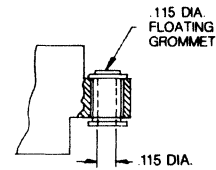
B. MOUNTING STYLE



STYLE: 0
DIALLYL - GREEN
STYLE: 1
DIALLYL - BLUE
STYLE: 2
PHENOLIC - BLACK

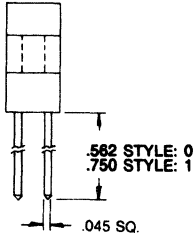


STYLE: 3
DIALLYL - GREEN
STYLE: 4
DIALLYL - BLUE
STYLE: 5
PHENOLIC - BLACK

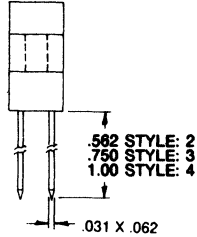


STYLE: 6
DIALLYL - GREEN
STYLE: 7
DIALLYL - BLUE
STYLE: 8
PHENOLIC - BLACK

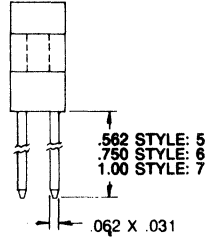
C. TERMINAL STYLE



STYLE: 0 OR 1

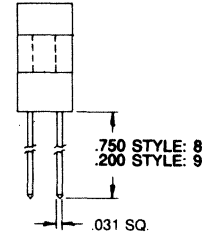


STYLE: 2, 3 OR 4



STYLE: 5, 6 OR 7

TAIL TWISTED
90°



STYLE: 8 OR 9

D. NUMBER OF CONTACTS

10/20, 15/30, 18/36, 22/44,
28/56, 36/72, 43/86

E. CONTACT PLATING

CONTACT PLATING	CONTACT MATERIAL	PLATING ALL OPTIONS WITH .000100 NICKEL UNDERPLATING
-01	BRASS ALLOY	.000010 SELECTIVE GOLD - TAIL GOLD STRIKE
-02	BRASS ALLOY	.000020 SELECTIVE GOLD - TAIL GOLD STRIKE
-03	BRASS ALLOY	.000030 SELECTIVE GOLD - TAIL GOLD STRIKE
-04	BRASS ALLOY	.000050 SELECTIVE GOLD - TAIL GOLD STRIKE
-09	BRASS ALLOY	.000200 TIN OVER NICKEL
-10	BRASS ALLOY	.000200 SOLDER OVER NICKEL
-11	BRASS ALLOY	.000030 GOLD OVER NICKEL IN CONTACT AREA, TAILS TO BE SOLDERPLATE

NOTE:

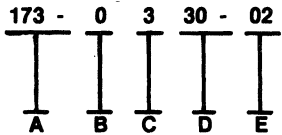
CONSULT FACTORY FOR ADDITIONAL
PLATING AVAILABLE.

MANUFACTURERS' ORDERING KEYS

MEI02

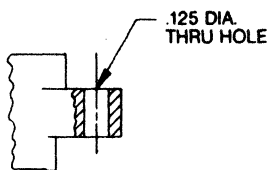
METHODE ELECTRONICS, INC.

EXAMPLE

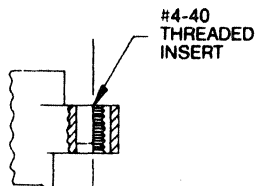


A. SERIES

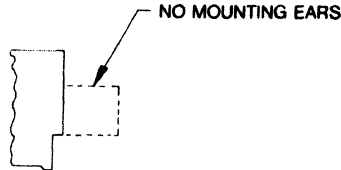
B. MOUNTING STYLE/MATERIAL



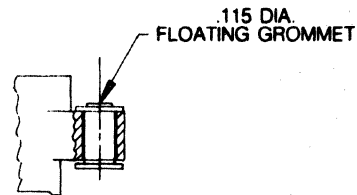
STYLE 0
DIALLYL
STYLE 2
PHENOLIC



STYLE 1
DIALLYL
STYLE 3
PHENOLIC



STYLE 4 Δ
DIALLYL
STYLE 5 Δ
PHENOLIC

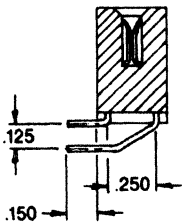


STYLE 6 Δ
DIALLYL
STYLE 7 Δ
PHENOLIC

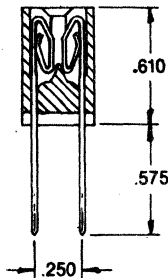
Δ - CONSULT FACTORY FOR AVAILABILITY

C. TERMINAL STYLE

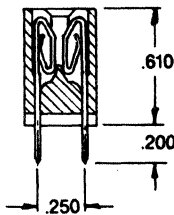
TERMINAL STYLE	TAIL LENGTH
3	.575
4	.200



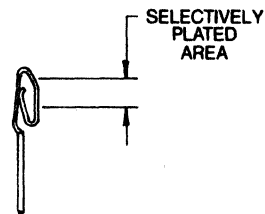
AVAILABLE AS SPECIAL FROM FACTORY RIGHT ANGLE FORMED.



STYLE 3



STYLE 4



D. NUMBER OF CONTACTS

30/60, 40/80, 50/100

E. CONTACT PLATING

ALL OPTIONS WITH .000050 NICKEL UNDERPLATING PER QQ-N-290		
CONTACT PLATING	PLATING	
-02	.000010 SELECTIVE GOLD	TAIL-GOLD STRIKE
-03	.000010 SELECTIVE GOLD	TAIL-ELECTROSOLDER PLATE
-04	.000030 SELECTIVE GOLD	TAIL-GOLD STRIKE
-05	.000030 SELECTIVE GOLD	TAIL-ELECTROSOLDER PLATE
-06	.000050 SELECTIVE GOLD	TAIL-GOLD STRIKE
-07	.000050 SELECTIVE GOLD	TAIL-ELECTROSOLDER PLATE
-08	.000020 SELECTIVE GOLD	TAIL-GOLD STRIKE
-09	.000020 SELECTIVE GOLD	TAIL-ELECTROSOLDER PLATE

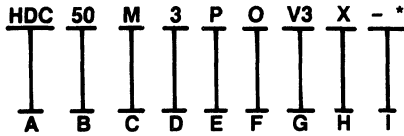
NOTE:
CONSULT FACTORY FOR ADDITIONAL PLATING AVAILABLE.

MANUFACTURERS' ORDERING KEYS

PST07

POSITRONIC INDUSTRIES, INC.

EXAMPLE



A. SERIES

Basic Series

B. NO. OF CONTACTS

C. CONTACT DESIGNATION

M - Male
F - Female

D. CONTACT TYPE

- 2 - Solder, Wire
- 3 - Solder, P/C Board, Straight Mount (1.50)
- 32 - Solder, P/C Board, Straight Mount (.375)
- 33 - Solder, P/C Board, Straight Mount (5.00)
- 36 - Solder, P/C Board, Straight Mount (2.36)
- 37 - Solder, P/C Board, Straight Mount (.236)
- 42 - Solder, Right Angle (.370) P/C Mount, Metric Standard
- 5 - Solder, P/C Mount, Right Angle (.283)
- 6 - Wrap Post

E. MOUNTING STYLE

- O - Clearance Hole (.120)
- O₂ - Clearance Hole (.154)
- B - Bracket, Mounting 90° Metal
- B₃ - Bracket, Mounting 90° Metal w/Cross Bar
- B₇ - Bracket, Mounting 90° Plastic
- B₈ - Bracket, Mounting 90° Plastic w/Cross Bar
- B₉ - Bracket, Mounting 90° Plastic w/Threaded Metal insert
- B₁₀ - Bracket, Mounting 90° Plastic w/Threaded Metal insert w/Cross Bar
- F - Floating Bushing, Universal
- P - Post, Threaded (.225) Brass
- P₂ - Post, Threaded (.225) Nylon
- P₃ - Post, Threaded (.437) Nylon
- R₃ - Bracket, Mounting 90° Metal. Swaged to Connector with .120 Dia. Hole
- R₄ - Bracket, Mounting 90° Metal. Swaged to Connector with 4-40 Threads
- R₅ - Bracket, Mounting 90° Metal. Swaged to Connector with Locknut
- R₆ - Bracket, Mounting 90° Metal. Swaged to Connector with .120 Dia. Hole w Cross Bar
- R₇ - Bracket, Mounting 90° Metal. Swaged to Connector with 4-40 Threads w Cross Bar
- R₈ - Bracket, Mounting 90° Metal. Swaged to Connector with Locknut w Cross Bar
- S - Swage Spacer (.225)
- S₂ - Swage Spacer (.125)
- S₃ - Swage Spacer (.125)
- S₄ - Swage Spacer (.225)
- S₅ - Locknut. Nylon Insert

F. HOODS

- O - None
- J - Top Opening, Plastic
- L - Side Opening, Plastic
- K - No Opening, Plastic
- Y - Top Opening, Captive Threadlocks, Plastic
- H - Top Opening, Steel
- M - EMI/RFI Metal
- W - Top or Side Opening, Plastic

G. LOCKS

- O - None
- V₃ - Tab
- VL - Used with Hood Only
- T - Fixed Threadlocks
- T₂ - Fixed Threadlocks
- T₃ - Fixed Threadlocks
- E - Rotating Threadlocks
- E₂ - Screw Lock

H. SHELL OPTIONS

- O - Zinc, dichromate seal
- X - Tin plate
- Z - Tin plate with dimpling

I. SPECIAL OPTIONS

Consult Sales Department

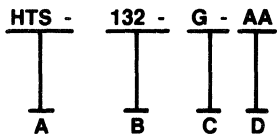
MANUFACTURERS' ORDERING KEYS

SMI04

SAMTEC

D. LEAD STYLE

EXAMPLE



A. TYPE STRIP

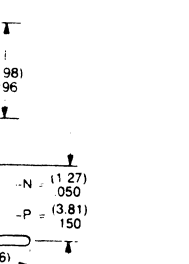
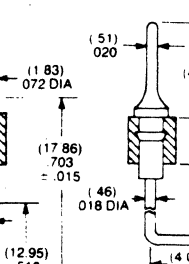
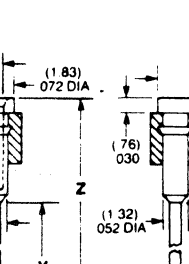
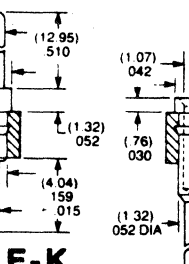
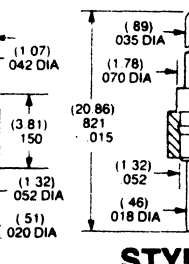
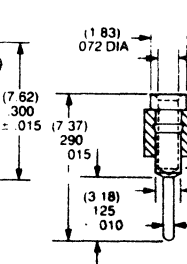
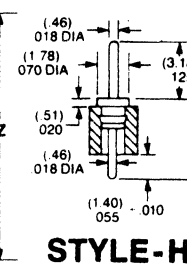
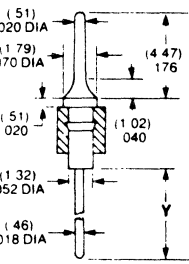
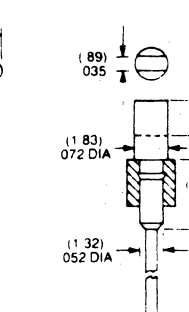
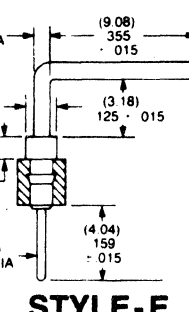
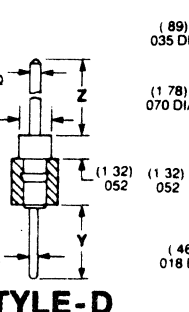
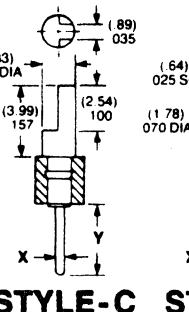
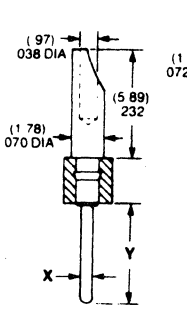
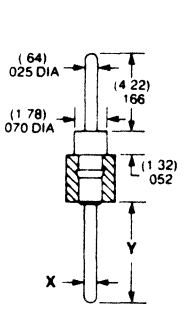
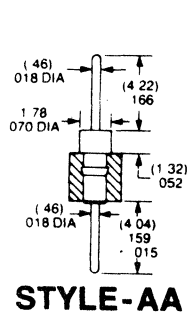
B. NUMBER OF PINS PER ROW

01 thru 32 = .020" Single (20 & 32 Standard)

C. PLATING OPTION

-G = 20 μ" Gold
-T = 200 μ" Tin

LEAD STYLE	PART NO. SUFFIX FOR OPTIONS			ADD SUFFIX
	X (DIA)	Y (.015)	Z (.015)	
-A, -B or -C ONLY	(.46) .018	(4.04) .159	N A	-A, -B or -C
	(.64) .025	(5.33) .210		-A-1, -B-1 or -C-1
	(.89) .035			-A-2, -B-2 or -C-2
	(1.14) .045			-A-3, -B-3 or -C-3
-D ONLY	(.46) .018	(4.04) .159	(12.95) .510	-D-1-1
			(7.87) .310	-D-1-2
	(.64) .025	(5.41) .213	(12.95) .510	-D-2-1
			(7.87) .310	-D-2-2
	(.89) .035		(12.95) .510	-D-3-1
			(7.87) .310	-D-3-2
			(12.95) .510	-D-4-1
			(7.87) .310	-D-4-2
-G ONLY	N A	(4.75) .187	(12.90) .508	-G-1
		(7.29) .287	(15.44) .608	-G-2
-L ONLY	N A	(12.95) .510	(17.86) .703	-L-1
		(9.14) .360	(14.05) .553	-L-2
		(6.60) .260	(11.51) .453	-L-3

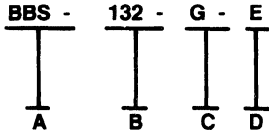


MANUFACTURERS' ORDERING KEYS

SMI06

SAMTEC

EXAMPLE



A. TYPE STRIP

- BBS = Standard
- BBD = Double Row
- BBL = Low Profile
- BDL = Double Row Low Profile
- BHS = Hi Temp

B. NUMBER OF PINS PER ROW

- 01 thru 32 = BBS, BHS & BBL Single Row
- 01 thru 36 = BBD & BDL Double Row

C. PLATING OPTION

- G = 20 μ " Gold
- T = 200 μ " Tin

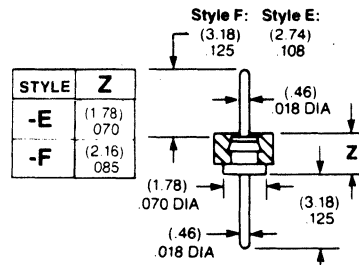
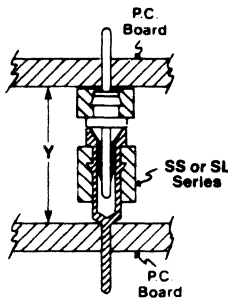
D. LEAD STYLE

- E -F -A -B -C -D -G -H

BBL & BDL SERIES

For BDL substitute SDL for SL

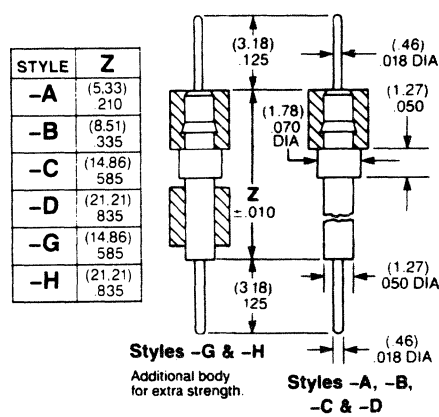
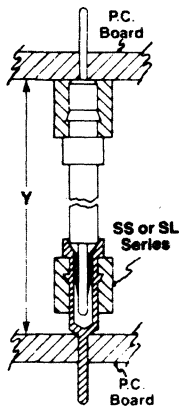
STYLE	MATED WITH SERIES & STYLE	Y
-E	SL-1XX-X-12	165 (4.19)
-F	SL-1XX-X-12	180 (4.57)
-E	SL-1XX-X-10	192 (4.88)
-E	SL-1XX-X-11	202 (5.13)
-F	SL-1XX-X-10	207 (5.26)
-F	SL-1XX-X-11	217 (5.51)
-E	SS-1XX-X-2	235 (5.97)
-F	SS-1XX-X-2	250 (6.35)



BBS, BHS & BBD SERIES

For BBD substitute SD for SS or SDL for SL

STYLE	MATED WITH SERIES & STYLE	Y
-A	SL-1XX-X-12	305 (7.75)
-A	SL-1XX-X-10	332 (8.43)
-A	SL-1XX-X-11	342 (8.69)
-A	SS-1XX-X-2	375 (9.53)
-B	SL-1XX-X-12	430 (10.92)
-B	SL-1XX-X-10	457 (11.61)
-B	SL-1XX-X-11	467 (11.86)
-B	SS-1XX-X-2	500 (12.7)
-C	SL-1XX-X-12	680 (17.27)
-C	SL-1XX-X-10	707 (17.96)
-C	SL-1XX-X-11	717 (18.21)
-C	SS-1XX-X-2	750 (19.05)
-D	SL-1XX-X-12	930 (23.62)
-D	SL-1XX-X-10	957 (24.31)
-D	SL-1XX-X-11	967 (24.56)
-D	SS-1XX-X-2	1 000 (25.40)

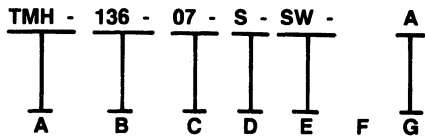


MANUFACTURERS' ORDERING KEYS

SMI15

SAMTEC

EXAMPLE



D. PLATE OPTION

- G = Gold
- T = Tin
- S = Selective Plating
Styles -07 and -08 only

E. BODY/LEG STYLE

-SW
= Single Row
Gullwing Mount

-DW
= Double Row
Gullwing Mount

-SP
= Single Row
Parallel Mount

-DP
= Double Row
Parallel Mount

F. OPTION

- "XX" = Polarized
Specify position number for
pin removal.

G. OPTION

- A = Alignment Pin

A. TYPE STRIP

B. NUMBER OF PINS PER ROW

01 thru 36 (36 positions standard)

C. LEAD STYLE

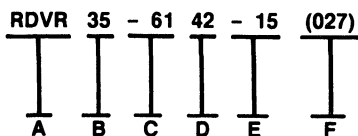
Specify "LEAD STYLE" from chart.

BODY	SINGLE & DOUBLE	SINGLE	DOUBLE
	GULLWING	PARALLEL	PARALLEL
LEAD STYLE	POST HEIGHT A	POST HEIGHT B	POST HEIGHT C
-07	(5.84) 230	N/A	N/A
-08	(8.13) 320	(5.84) 230	(5.08) 230
-09	(13.21) 520	(10.92) 430	(10.93) 430
-10	(15.75) 820	(13.21) 520	N/A
-11	(18.29) 720	(15.75) 820	(15.75) 820
-12	(20.83) 820	(18.29) 720	N/A
-13	(25.91) 1 020	(23.37) 920	N/A
-21	(30.99) 1 220	(28.45) 1 120	N/A

KAM20

KEL-AM INCORPORATED

EXAMPLE



D. PLATING

CODE	GOLD AT AREA "C"	TERMINAL PLATING	UNDERPLATING
01	.000010	.000010 Gold	.000030 Nickel
03	.000030	.000030 Gold	.000050 Nickel
52	.000020	Gold Flash	.000040 Nickel
53	.000030	Gold Flash	.000050 Nickel
42	.000020	Tin/Lead	.000040 Nickel
41	.000010	Tin/Lead	.000030 Nickel

E. MOUNTING EARS W/ RIGHT ANGLE HOLES

F. OPTION

No Modifier req'd for "X" dimen. of .320 (027)
modifier req'd for "X" dimen. of .275

A. SERIES

B. NO. OF CONTACTS PER ROW

15, 18, 22, 28,
31, 35, 40, 50

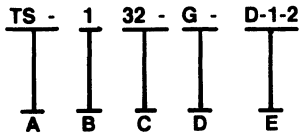
C. RIGHT ANGLE DIP SOLDER CONTACTS

MANUFACTURERS' ORDERING KEYS

SMI02

SAMTEC

EXAMPLE



A. TYPE STRIP

TS = Single Strip
TD = Double Strip

B. LEAD SIZE

-1 = .020 thru .045 Sizes
-3 = .080 Sizes

C. NUMBER OF PINS PER ROW

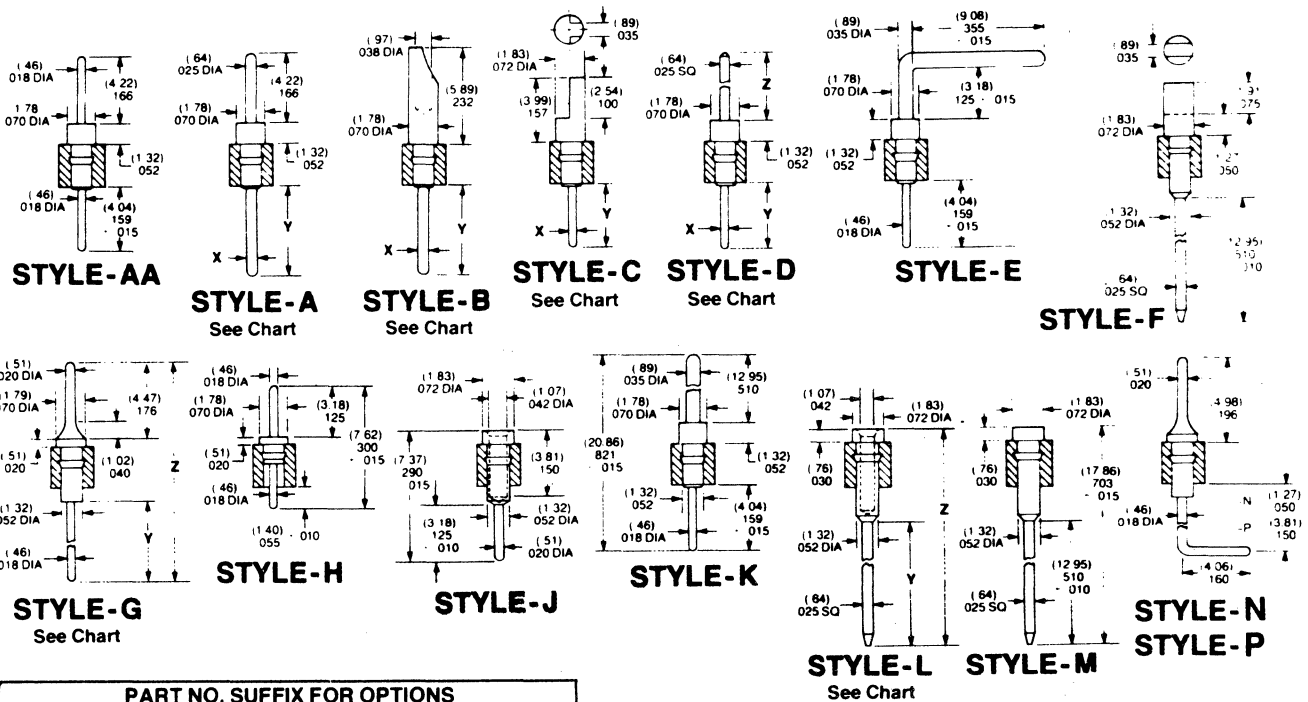
01 thru 32 = .020" thru .045" Single
(20, 25 & 32 Standard)
01 thru 36 = .020" thru .045" Double
(36 Standard) (Positions per row) All styles and sizes available except:
.080" sizes
Right angle styles
-D-2-2 style
-D-3-2 style
-D-4-2 style
01 thru 10 = .080" Single (10 standard)

D. PLATING OPTION

-G = 20 μ" Gold (Except '-3' Series = 10 μ")
-T = 200 μ" Tin

E. LEAD STYLE

"-1" Series (.020, .025, .035, .045 Terminals)

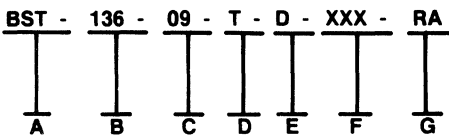


MANUFACTURERS' ORDERING KEYS

SMI19

SAMTEC

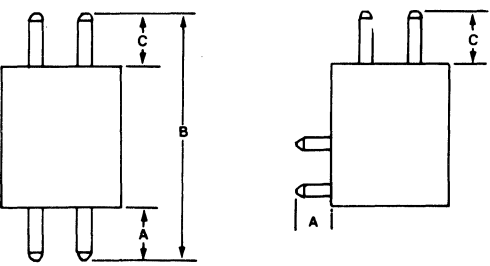
EXAMPLE



- A. TYPE STRIP
- B. NUMBER OF PINS PER ROW
01 thru 36 (36 positions standard)
- C. LEAD STYLE

- D. PLATING OPTION
-G = Gold
-T = Tin
- E. ROW OPTION
-D = Double Row
- F. POST HEIGHT
-"XXX" = "C"
- G. RIGHT ANGLE
-RA = Standard Right Angle

Straight Pin Versions
Specify LEAD STYLE from chart.



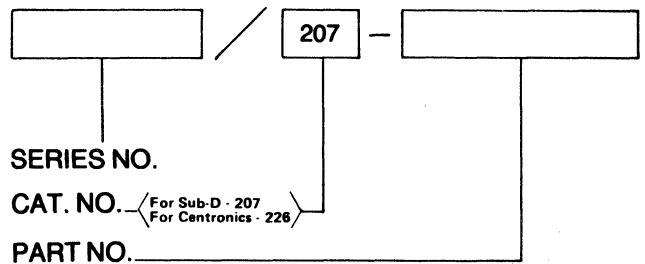
Right Angle Versions
Specify LEAD STYLE from chart.

LEAD STYLE	TAIL A	POST C
-08	(2.29) 090	
-09	(7.37) 290	
-10	(9.91) 390	(5.84) 230
-12	(14.99) 590	
-13	(20.07) 790	
-15	(4.83) 190	
-09	(5.08) 200	
-10	(7.62) 300	(8.08) 318
-12	(12.70) 500	
-13	(17.78) 700	

API02

ALPHA PRODUCTS, INC.

HOW TO ORDER:



- 1: CATALOG NUMBER: → [207] - [5] [15] [2] [1]
- 2: TYPE → [5] [15] [2] [1]
- 5: All Plastic Body
 - 6: Plastic Body with Metal Nose
- 3: NO. OF CONTACTS → [15] [2] [1]
- 09
 - 15
 - 25
 - 37
- 4: CONTACT TYPE → [2] [1]
- 1: Male (Pin contacts)
 - 2: Female (Socket contacts)
- 5: HARDWARE → [1] [2] [3] [4] [5] [6] [7] [8] [9]
- 1: .120 dia. hole
 - 2: 4-40 thd. flush insert
 - 3: 4-40 thd. x .250 hex. insert stand-off
 - 4: 4-40 thd. x .250 dia. stand-off
 - 5: 4-40 thd. x .170 dia. stand-off
 - 6: Grounding tab/4-40 flush insert
 - 7: Grounding tab/4-40 hex. insert
 - 8: Grounding tab/4-40 round insert
 - 9: Forked ground strap and 4-40 hex. stand-off

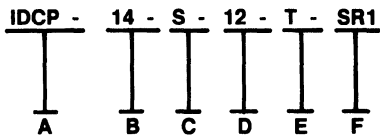
REMEMBER: TO AVOID CONFUSION
ALWAYS PUT THE SERIES NO. BEFORE
PART NUMBER AS SHOWN ABOVE.

MANUFACTURERS' ORDERING KEYS

SMI30

SAMTEC

EXAMPLE



A. TYPE

IDCP = I.D. Cable Plug

B. NUMBER OF PINS

-14 -16 -24 -40

1 2 3 4 5 6 7

14 13 12 11 10 9 8

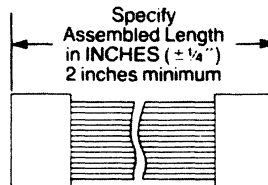
A	B	C	No. of Pins
(19.81) .780	(10.16) .400	(7.62) .300	-14
(22.35) .880	(10.16) .400	(7.62) .300	-16
(32.51) 1.280	(17.78) .700	(15.24) .600	-24
(52.83) 2.080	(17.78) .700	(15.24) .600	-40

C. END ASSEMBLY

-S = Single
-D = Double

D. ASSEMBLED LENGTH

Specify Assembled Length in INCHES ($\pm 1/4''$)
2 inches minimum



E. OPTION #1

-T = Tin Plating
-SR1 = Side/Reverse 1
-ST"X" = Strip & Tin
-G = Gray Cable
-SR2 = Side/Reverse 2

F. OPTION #2

-T = Tin Plating
-SR1 = Side/Reverse 1
-ST"X" = Strip & Tin
-G = Gray Cable
-SR2 = Side/Reverse 2

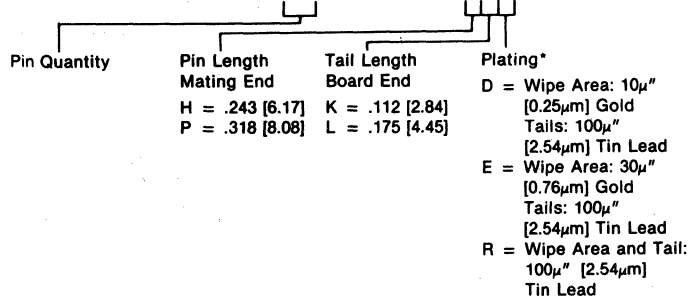
-ST8	¹ / ₈
-ST4	¹ / ₄
-ST2	¹ / ₂
-ST3	³ / ₈

MMM03

ELECTRONIC PRODUCTS DIVISION/3M

3M Part Number Definition

CHY-20XX-001A10-XXX

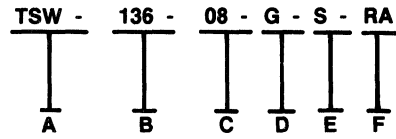


MANUFACTURERS' ORDERING KEYS

SMI13

SAMTEC

EXAMPLE



D. PLATING OPTION

- G = Gold
- T = Tin
- S = Selective Plating

NOTE: -S selective plating option available as standard in -07, -08, -14 straight pin versions only. Contact factory for special plate in other sizes.

E. ROW OPTION

- S = Single Row
- D = Double Row

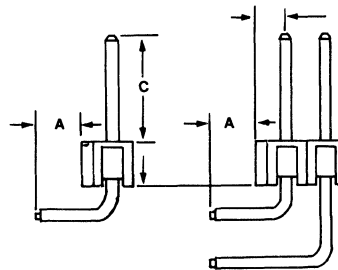
F. OPTION

-RA & -RE = Right Angle

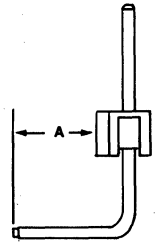
-XX = Polarized
(Specify "XX" as position number)

-LC
= Locking
Clip

(Not available on
lead style -07)



LEAD STYLE	-RA Option		-RE
	Single	Double	Single
-08	(2.29) 090	(2.29) 090	N/A
-09	(7.37) 290	(7.37) 290	(4.83) .190
-10	(9.91) 390	(5.84) 230	(9.91) 390
-11	(12.45) 490	(5.84) 230	(9.91) 390
-12	(14.99) 590	(5.84) 230	(14.99) 590
-13	(20.07) 790	(5.84) 230	(20.07) 790
-16	(5.08) 200	(8.13) 320	N/A
-21	(25.15) 990	(5.84) 230	N/A
-22	(4.83) 190	(5.84) 230	(4.83) 190



A. TYPE STRIP

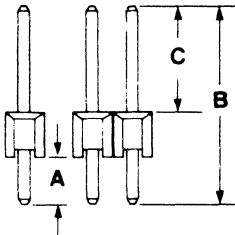
B. NUMBER PINS PER ROW

01 thru 36 (36 positions standard)

C. LEAD STYLE

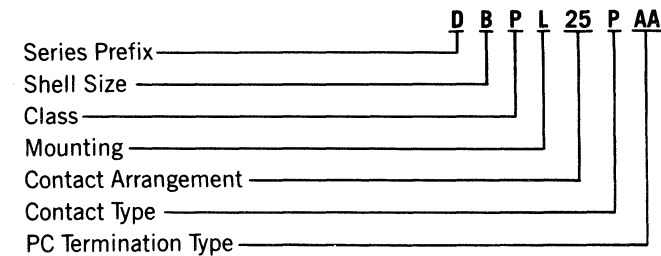
Straight Pin Versions
Right Angle Versions

LEAD STYLE	Single or Double		
	A	B	C
-07	(2.41) 095	(10.80) 425	
-08	(4.95) 195	(13.34) 525	
-09	(10.16) 400	(18.54) 730	(5.54) 230
-10	(12.57) 495	(20.96) 825	(5.54) 230
-11	(15.11) 595	(23.50) 925	(5.54) 230
-12	(17.65) 695	(26.04) 1,025	(5.54) 230
-13	(22.73) 895	(31.12) 1,225	(5.54) 230
-14	(2.72) 107	(13.34) 525	(8.08) 318
-15	(2.79) 110	(18.54) 730	(13.21) 520
-16	(7.87) 310	(18.54) 730	(8.13) 320
-17	(2.92) 115	(20.96) 825	(15.49) 610
-18	(2.79) 110	(23.62) 930	(18.29) 720
-19	(2.79) 110	(26.16) 1,030	(20.83) 820
-20		(31.24) 1,230	(25.91) 1,020
-21		(36.32) 1,430	(30.99) 1,220
-22	(7.62) 300	(16.00) 630	(5.84) 230



CAN08

CANNON ITT



SERIES

D Subminiature

SHELL SIZES

E, A, B, C, D

CLASS

P — UL listed flame retardant thermoplastic

MOUNTING

L — 4-40 threaded inserts installed in mounting holes

M — 4-40 female screw locks installed in mounting holes

*DDP-50 Available in AA type only.

(Mounting Con't)

— dash (no designator), standard .120 (3.05) dia. mounting holes

CONTACT ARRANGEMENTS

9, 15, 25, 37, 50*

CONTACT TYPE

P — Pin
S — Socket

PC TERMINATION TYPE

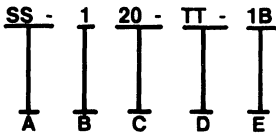
AA — 90°, .478 (12.14) length
CA — 90°, .590 (14.99) length

MANUFACTURERS' ORDERING KEYS

SMI01

SAMTEC

EXAMPLE



A. TYPE STRIP

SS = Single Socket Strip
 SD = Double Socket Strip
 (.020" & .035" Lead Sizes Only)

B. LEAD SIZE

-1 = .020 Lead Sizes
 -2 = .035 Lead Sizes
 -3 = .080 Lead Sizes

C. NUMBER OF PINS PER ROW

01 thru 32 = .020" Single (20, 25 & 32 standard)
 .020" Lead Sizes (Single Row Snap Strip)
 01 thru 36 = .020" Double (36 standard)
 (.020" Lead Sizes (Double Row Snap Strip)
 (Right angle leadsockets not available)
 01 thru 20 = .035" Single (20 standard)
 .035" Lead Sizes (Single Row Snap Strip)
 (One socket position lost when snapped)
 01 thru 25 = .035" Double (25 standard)
 (.035" Lead Sizes (Double Row Solid Body)
 (Must be sawn to shorter lengths)
 01 thru 10 = .080" Single (10 standard)
 .080" Lead Sizes (Single Row Solid Body)
 (Must be sawn to shorter lengths)

D. PLATING OPTION

-G = 30 μ" Gold Contact
 10 μ" Gold Shell
 -T = 30 μ" Gold Contact
 200 μ" Tin Shell
 -S = 10 μ" Gold Contact
 200 μ" Tin Shell
 (Styles 2 & 22 only)
 -TT = 200 μ" Tin Contact and Shell
 (Styles 1, 2, 13, 21 & 22 only)

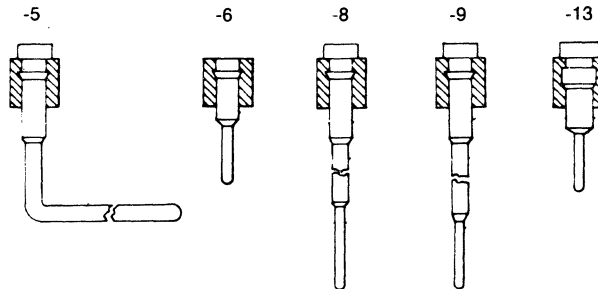
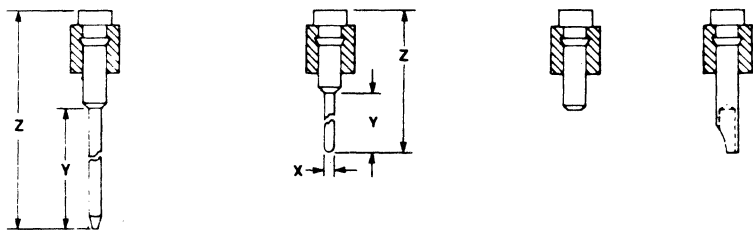
E. LEAD STYLE

.020 Sizes (Accepts .015 to .022 Leads)

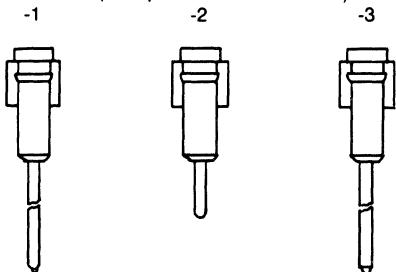
PART SUFFIX	Z	Y
-1A or -21A	(14.05) .553	(9.14) .360
-1B or -21B	(17.86) .703	(12.95) .510
-1C or -21C	(11.51) .453	(6.60) .260

STYLE	X DIA	Y	Z
-2 or -22	(0.51) .020	(3.18) .125	(7.37) .290
-18 or -38	(0.51) .020	(4.57) .180	(8.76) .345
-7	(0.64) .025	(10.41) .410	(15.24) .600
-5A	(0.89) .035	(12.95) .510	(17.86) .703

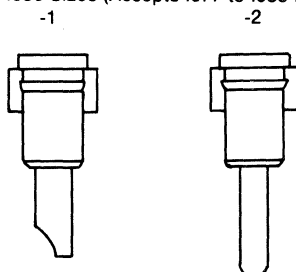
-1A, -1B or -1C For LIF specify -21A, -21B or -21C
 -2*, -5A, -7 or -18* *For LIF specify -22 or -38
 -3 For LIF specify -23
 -4



.035 Sizes (Accepts .032 to .038 Leads)



.080 Sizes (Accepts .077 to .083 Leads)

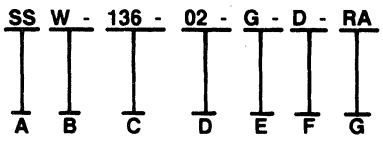


MANUFACTURERS' ORDERING KEYS

SMI14

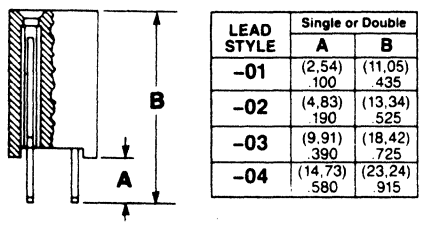
SAMTEC

EXAMPLE

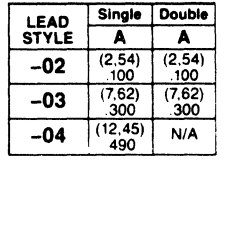


- A. TYPE STRIP**
- B. TAIL TYPE**
W = Solder Tail
Q = Square Tail
- C. NUMBER OF PINS PER ROW**
01 thru 36 (36 positions standard)
- D. LEAD STYLE**

Straight Pin Versions
Specify "LEAD STYLE" from chart below



Right Angle Versions
Specify "LEAD STYLE" from chart below



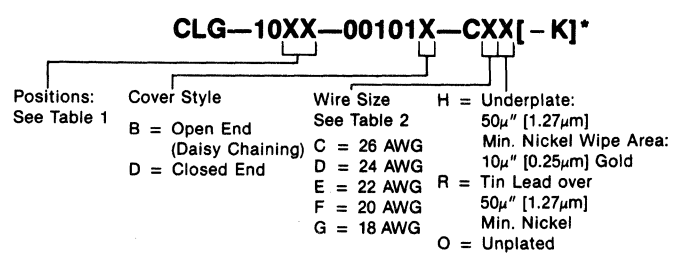
- E. PLATING OPTION**
-G = Gold
-T = Tin
-S = Selective Plating
NOTE: -S selective plating option available as standard with SSW Styles -01 and -02 straight pin only. Contact factory for special plating in other sizes.

- F. ROW OPTION**
-S = Single Row
-D = Double Row

- G. RA OPTION**
-RA = Right Angle
(Leave blank for straight pin version)

MMM06

ELECTRONIC PRODUCTS DIVISION/3M

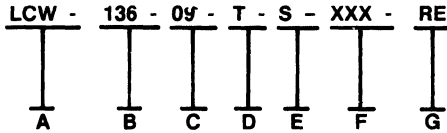


MANUFACTURERS' ORDERING KEYS

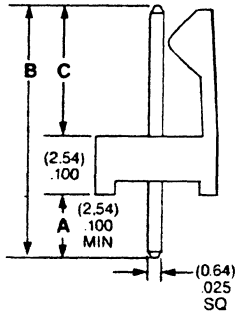
SMI20

SAMTEC

EXAMPLE



- A. TYPE STRIP
- B. NUMBER OF PINS PER ROW
01 thru 36 (36 positions standard)
- C. LEAD STYLE

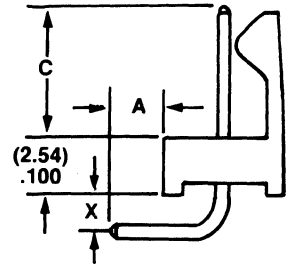


Straight Pin Versions
Specify LEAD STYLE from chart.

LEAD STYLE	TAIL A	OAL B	POST C
-07	(2.54) .100	(10.92) .430	
-08	(5.08) .200	(13.46) .530	
-09	(10.16) .400	(18.54) .730	
-10	(12.70) .500	(21.08) .830	
-11	(15.24) .600	(23.62) .930	(5.84) .230
-12	(17.78) .700	(26.16) 1.030	
-13	(22.86) .900	(31.24) 1.230	
-14	(27.94) 1.100	(36.32) 1.430	
-15	(7.62) .300	(16.00) .630	
-08	(3.30) .130	(13.46) .530	
-09	(8.38) .330	(18.54) .730	
-10	(10.92) .430	(21.08) .830	
-11	(13.46) .530	(23.62) .930	
-12	(16.00) .630	(26.16) 1.030	
-13	(21.08) .830	(31.24) 1.230	
-14	(16.16) .630	(36.32) 1.430	
-15	(7.62) .230	(16.00) .630	(7.62) .300

Right Angle Versions
Specify LEAD STYLE from chart.

LEAD STYLE	-RR TAIL A	-RE TAIL A	-RP TAIL A	POST C
-09	(6.60) .260	(4.06) .160	(7.62) .300	
-10	(9.14) .360	(6.60) .260	(10.16) .400	
-11	(11.58) .450	(9.14) .350	(12.70) .500	
-12	(14.22) .560	(11.68) .460	(15.24) .600	(5.84) .230
-13	(19.30) .760	(16.76) .660	(20.32) .800	
-14	(24.38) .960	(21.84) .860	(25.40) 1.000	
-15	(4.06) .150	(1.52) .050	(5.08) .200	
-09	(4.83) .190	(2.29) .090	(5.84) .230	
-10	(7.37) .290	(4.83) .190	(8.38) .330	
-11	(9.91) .390	(7.47) .290	(10.92) .430	
-12	(12.45) .490	(9.91) .390	(13.46) .530	(7.62) .300
-13	(17.53) .690	(14.99) .590	(18.54) .730	
-14	(22.61) .890	(20.07) .790	(23.62) .930	
-15	(2.29) .090	—	(3.30) .130	



- For X = (1.52) specify -RA .060
- For X = (4.06) specify -RE .160
- For X = (0.64) MAX specify -RP .025
- For Reverse Right Angle Bend X = (1.52) specify -RR .060

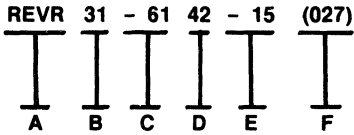
- D. PLATING OPTION
 - G = Gold
 - S = Gold Post Tin Tail (Styles -07 & -08 only)
 - T = Tin
- E. ROW OPTION
 - S = Single Row
 - M = Locking Clip Removed From Each End
- F. POST HEIGHT
 - 'XXX' = "C" Specify standard post length from chart below, or custom length.
- G. OPTION
 - RX = Right Angle (Leave blank for straight pin. Specify X from chart or leave blank for custom length.)

MANUFACTURERS' ORDERING KEYS

KAM21

KEL-AM INCORPORATED

EXAMPLE



- A. SERIES
- B. NO. OF CONTACTS PER ROW
18, 22, 28, 31, 36, 43
- C. RIGHT ANGLE DIP SOLDER CONTACTS

D. PLATING

CODE	GOLD AT AREA "C"	TERMINAL PLATING	UNDERPLATING
01	.000010	.000010 Gold	.000030 Nickel
03	.000030	.000030 Gold	.000050 Nickel
52	.000020	Gold Flash	.000040 Nickel
53	.000030	Gold Flash	.000050 Nickel
42	.000020	Tin/Lead	.000040 Nickel
41	.000010	Tin/Lead	.000030 Nickel

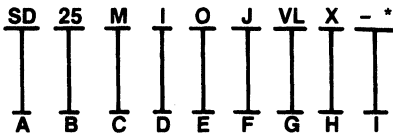
- E. MOUNTING EARS W/ RIGHT ANGLE HOLES
- F. OPTION

No Modifier req'd for "X" dimen. of .320 (027)
 modifier req'd for "X" dimen. of .275

PST05

POSITRONIC INDUSTRIES, INC.

EXAMPLE



- A. SERIES
Basic Series
- B. NO. OF CONTACTS
- C. CONTACT DESIGNATION
M - Male
F - Female
- D. CONTACT TYPE
0 - Ordered Without Contacts
1 - Crimp, 2024 AWG, Supplied with Connector
12 - Crimp, 26-30 AWG, Supplied with Connector
3 - Solder, P/C Board Mounted (.125)
32 - Solder, P/C Board Mounted (.188)
33 - Solder, P/C Board Mounted (.425)
34 - Solder, P/C Board Mounted (.651)
9 - Press-fit (consult factory)
- E. MOUNTING STYLE
O - Clearance Hole (.120)
O₂ - Clearance Hole (.154)
F - Floating Bushing, Universal
S₂ - Swage Spacer (.125)
S₃ - Swage Spacer (.125)
S₄ - Swage Spacer (.225)
S₅ - Locknut, Nylon Insert
P₃ - Post, threaded (.437) Nylon

F. HOODS

- O - None
- J - Top Opening, Plastic
- L - Side Opening, Plastic
- K - No Opening, Plastic
- Y* - Top Opening, Captive Threadlocks, Plastic 25 size only
- H - Top Opening, Steel
- M - EMI/RFI Metal
- W - Top or Side Opening, Plastic

G. LOCKS

- O - None
- V₃ - Tab
- VL - Used with Hood Only
- T - Fixed Threadlocks
- T₂ - Fixed Threadlocks
- T₃ - Fixed Threadlocks
- E - Rotating Threadlocks
- E₂ - Screw Lock

H. SHELL OPTIONS

- O - Zinc, dichromate seal
- X - Tin plate
- Z - Tin plate with dimpling

I. SPECIAL OPTIONS

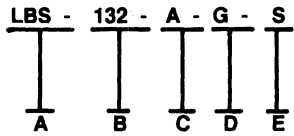
Consult Sales Department

MANUFACTURERS' ORDERING KEYS

SMI28

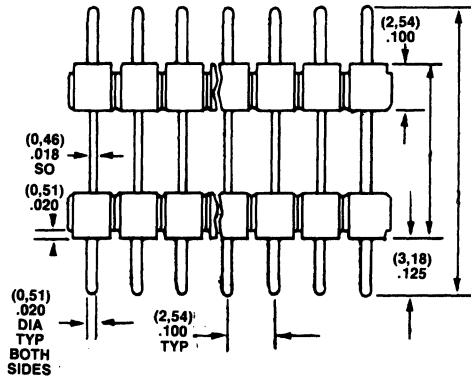
SAMTEC

EXAMPLE



- A. TYPE STRIP
- B. NUMBER OF PINS PER ROW
01 thru 36
- C. LEAD STYLE
-A -B -C -D

STYLE	Y	Z
A	(5.33) .210	(11.68) .460
B	(8.51) .335	(14.86) .585
C	(14.86) .585	(21.21) .835
D	(21.21) .835	(27.60) 1.085

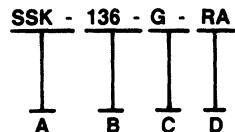


- D. PLATING OPTION
-G = 10 μ " Gold on Tails
-T = 200 μ " Tin
- E. ROW OPTION
-S = Single Row
-D = Double Row

SMI21

SAMTEC

EXAMPLE



- A. TYPE STRIP

- B. NUMBER OF POSITIONS
01 thru 36 Positions

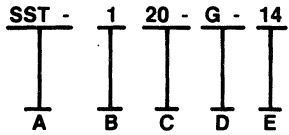
- C. PLATING OPTION
-G = 10 μ " Gold Contact, 200 μ " Tin Tail
-T = 200 μ " Tin
- D. RA OPTION
-RA = Right Angle

MANUFACTURERS' ORDERING KEYS

SMI09

SAMTEC

EXAMPLE



A. TYPE STRIP

B. NUMBER OF ROWS

Total Pins = No. Rows x No. Pins Per Row
-1 thru -20

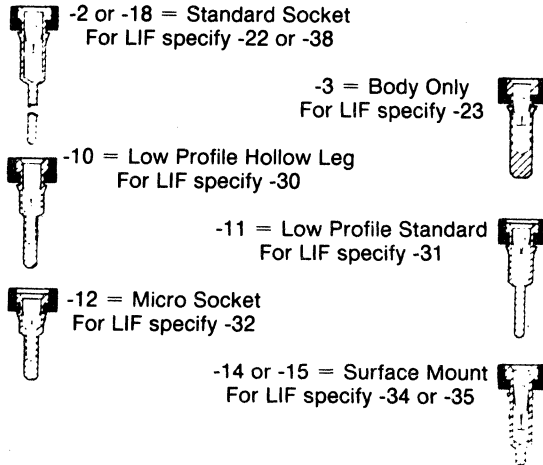
C. NUMBER OF PINS PER ROW

01 thru 20

D. PLATING OPTION

- G = 30 μ" Gold Contact
10 μ" Gold Shell
- T = 30 μ" Gold Contact
200 μ" Tin Shell
- S = 10 μ" Gold Contact
200 μ" Tin Shell
(Styles 2 & 22 only)
- TT = 200 μ" Tin Contact and Shell
(Styles 2, 10, 11, 12, 22
30, 31 & 32 only)

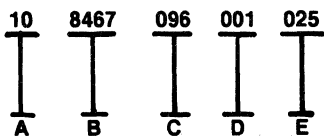
E. LEAD STYLE



ELO33

ELCO CORPORATION

EXAMPLE



A. PREFIX

10 - Header

B. SERIES

Telecommunication Pin

C. NUMBER OF CONTACT CAVITY POSITIONS

NO. CONTACT POSITIONS	CONTACT ROWS
096	3 (3 x 32)

D. CONTACT DESIGNATION CODE

CODE NO.	DESCRIPTION	TERMINAL LENGTH = Y
001	P.C. Contact .025 sq. terminal	.157
△101		
002	Straight wire wrapping .025 sq terminal	.512
△102		
003	Right angle wire wrapping .025 sq. terminal	.425

E. VARIATION CODE

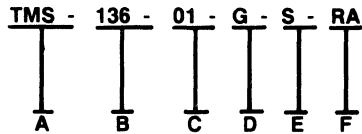
PLATING DESCRIPTION						
Mating Area	32 Gold	24 Gold	16 Gold	32 Gold	24 Gold	16 Gold
Terminal Area	10 Gold	Gold Flash	Gold Flash	80/200 Tin/Lead	80/200 Tin/Lead	80/200 Tin/Lead
VARIATION CODE NUMBERS				CONTACT LOADING POSITIONS		
109	097	085	037	025	013	Fully loaded, .100 grid
110	098	086	038	026	014	Row a + c fully loaded, .100 x .200 grid
111	099	087	039	027	015	Row a fully loaded, .100 grid
112	100	088	040	028	016	Row b fully loaded, .100 grid
113	101	089	041	029	017	Row a + b fully loaded, .100 grid
114	102	090	042	030	018	Row b + c fully loaded, .100 grid
115	103	091	043	031	019	Row a + b all even numbers, .100 x .200 grid
116	104	092	044	032	020	Row a + b all uneven numbers, .100 x .200 grid
117	105	093	045	033	021	Row a + c all even numbers, .200 grid
118	106	094	046	034	022	Row a + c all uneven numbers, .200 grid
119	107	095	047	035	023	Row a + c all even numbers, row b all uneven numbers
120	108	096	048	036	024	Row a + c all uneven numbers, row b all even numbers

MANUFACTURERS' ORDERING KEYS

SMI26

SAMTEC

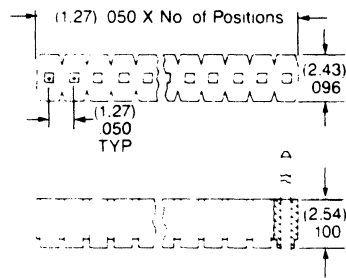
EXAMPLE



A. TYPE STRIP

B. NUMBER OF PINS PER ROW

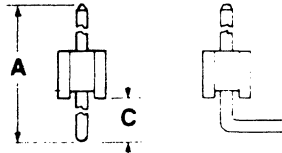
01 thru 36 (36 positions standard)



C. LEAD STYLE

Specify LEAD STYLE from chart.

LEAD STYLE	A	C
-01	(11.18) 440	(2.79) 110
-21	(12.83) 505	(4.45) 175



D. PLATING OPTION

- G = 20 μ " Gold Post, 5 μ " Gold Flash Tail
- S = 30 μ " Gold Post, 200 μ " Tin Tail
- T = 200 μ " Tin Post and Tail

E. STYLE

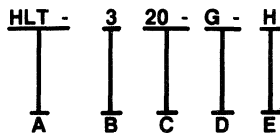
F. OPTION

- RA = Right Angle (Style 21 only)

SMI08

SAMTEC

EXAMPLE



A. TYPE STRIP

B. NUMBER OF ROWS

Total Pins = No. Rows x No. Pins Per Row
-1 thru -20

C. NUMBER OF PINS PER ROW

01 thru 20

D. PLATING OPTION

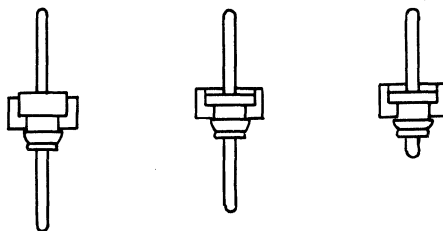
- G = Gold
- T = Tin

E. LEAD STYLE

-R

-H

-T = Surface Mount

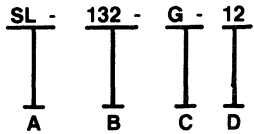


MANUFACTURERS' ORDERING KEYS

SMI05

SAMTEC

EXAMPLE



A. TYPE STRIP

SL = Single Low Profile Socket Strip
 SDL = Double Low Profile Socket Strip

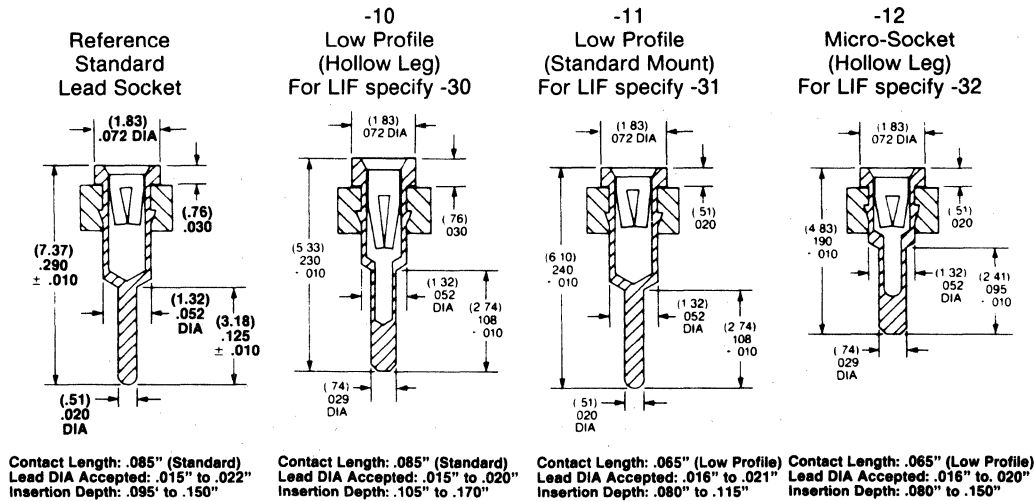
B. NUMBER OF PINS PER ROW

01 thru 32 = (20 & 32 positions standard)
 01 thru 36 = (36 positions standard)

C. PLATING OPTION

-G = 30 μ" Gold Contact
 10 μ" Gold Shell
 -T = 30 μ" Gold Contact
 200 μ" Tin Shell
 -TT = 200 μ" Tin Contact and Shell

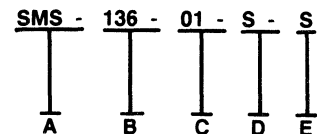
D. LEAD STYLE



SMI25

SAMTEC

EXAMPLE



A. TYPE STRIP

B. NUMBER OF PINS PER ROW
 01 thru 36 (36 positions standard)

C. LEAD STYLE

Specify LEAD STYLE from chart below.

LEAD STYLE	A
-01	(2.54) 100
-02	(4.83) 190

LEAD STYLE	A
-01	(2.54) 100
-02	(4.83) 190



D. PLATING OPTION

-G = 10 μ" Gold Contact
 -S = 30 μ" Gold Contact, 200 μ" Tin Tail
 -T = 200 μ" Tin

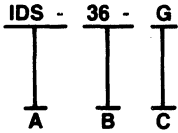
E. STYLE

MANUFACTURERS' ORDERING KEYS

SMI29

SAMTEC

EXAMPLE



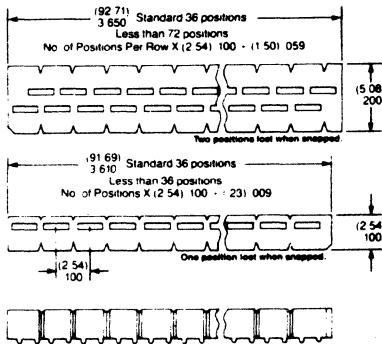
A. TYPE STRIP

IDS = Single Socket Strip
 IDD = Double Socket Strip
 IMD = Double Male Plug Strip

B. NUMBER OF PINS PER ROW

-01 thru -36 = IDS & IDD Series
 (36 positions standard)
 -01 thru -32 = IMD Series
 (32 positions standard)

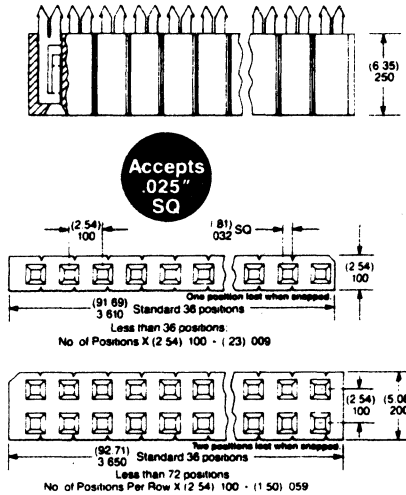
CAP (IDS & IDD SERIES)



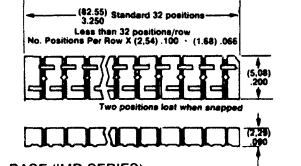
C. PLATING OPTION

-G = Selective Gold Plating
 -T = Tin Plating

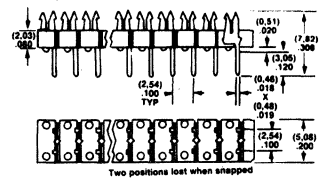
BASE (IDS & IDD SERIES)



CAP (IMD SERIES)



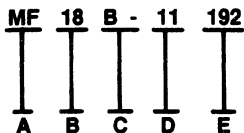
BASE (IMD SERIES)



WCH22

WINCHESTER ELECTRONICS

EXAMPLE



A. SERIES CODE

Series MF

B. NO. OF CONTACT PAIRS

18 (36 pin)
 36 (72 pin)

C. GRID PATTERN

B = .125" x .125"

D. MOLDING TYPE

11 = Closed End

E. PLATING (SELECTIVE)

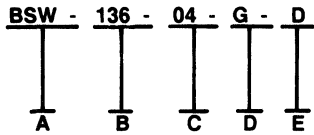
192 — .000030" gold over .000040" nickel overall in contact area and bright solder on C-section and tail.
 195 — .000030" gold over .000040" nickel overall in contact area and gold flash on C-section and tail.

MANUFACTURERS' ORDERING KEYS

SMI22

SAMTEC

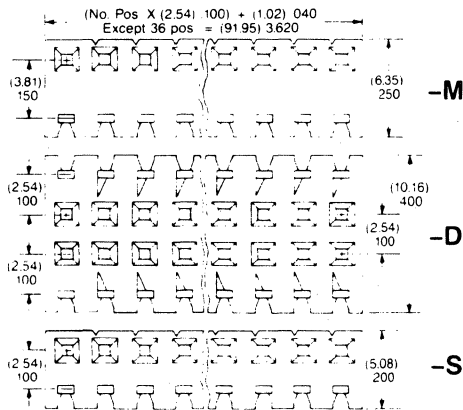
EXAMPLE



A. TYPE STRIP

B. NUMBER OF PINS PER ROW

02 thru 36 (36 positions standard)



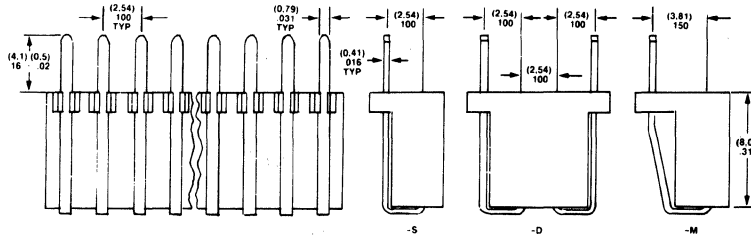
C. STYLE

D. PLATING OPTION

- G = 20 μ" Gold Contact, 5 μ" Gold Flash Tail
- S = 30 μ" Gold Contact, 200 μ" Tin Tail
- T = 200 μ" Tin Contact and Tail

E. ROW OPTION

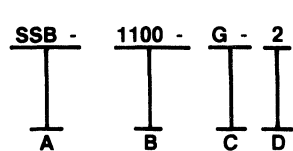
- S = Single Row
- D = Double Row
- M = Single Row with Extra Plug Space



SMI10

SAMTEC

EXAMPLE



A. TYPE STRIP

SSB = Socket Carrier Strip
TSB = Terminal Carrier Strip

B. NUMBER OF POSITIONS

001 thru 100 (100 positions standard)

C. PLATING OPTION

See SS-1, HLS, TS-1 and HLT Series Socket and Terminal Strips for available plating options and styles. All Styles except 5, 6, 13, E, N and P are available.

All sockets and terminals load easily into .055" diameter board holes. Press flush to shoulder to lock permanently in board via barblock on barrel. May then be soldered or wire-wrapped.

D. LEAD STYLE

See SS-1, HLS, TS-1 and HLT Series Socket and Terminal Strips for available plating options and styles. All Styles except 5, 6, 13, E, N and P are available.

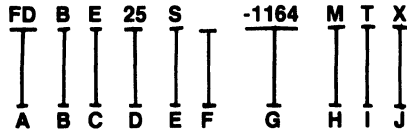
All sockets and terminals load easily into .055" diameter board holes. Press flush to shoulder to lock permanently in board via barblock on barrel. May then be soldered or wire-wrapped.

MANUFACTURERS' ORDERING KEYS

SOU01

SOURIAU, INC.

EXAMPLE



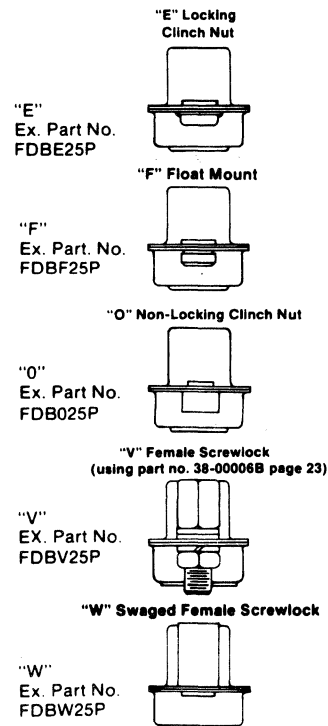
A. SERIES PART NUMBERS

D* Series	D* <i>MW</i> Series
FD* Series	8656 Series
D*B & D*P Series	8 RA <i>FD</i> Series
S* <i>MA</i> Series	D* <i>TP</i> Series

B. SIZE OF INSULATOR

A = 15	D = 50
B = 25	E = 09
C = 37	

C. HARDWARE



D. NUMBER OF CONTACTS

09
15
25
37
50

E. PIN OR SOCKET

P = Pin (male)
S = Socket (female)

F. WITH / WITHOUT CONTACTS

L = without contacts
= with contacts

G. CONTACT DESIGNATIONS

D* Series

- = Soldercup Contacts
- 331 = Straight PCB Contacts
- 731 = Angled PCB Contacts
- 631 = Wire Wrap Contacts (2 level)
- 431 = Wire Wrap Contacts (3 level)

FD* Series

- = Soldercup Contacts (Gold)
- 064 = Soldercup Contacts (Gold/Tin)
- 300 = Straight PCB Contacts (Gold)
- 364 = Straight PCB Contacts (Gold/Tin)
- 964 = Angled PCB Contacts (Gold/Tin) .283 Footprint
- 1064 = Angled PCB Contacts (Gold/Tin) .590 Footprint
- 1164 = Angled PCB Contacts (Gold/Tin) .478 Footprint
- 1264 = Angled PCB Contacts (Gold/Tin) .545 Footprint

D*B Series (M24308) Solder/D*P Series (Commercial)

- = Soldercup Contacts (Commercial)
- 032 = Soldercup Contacts (Military)
- 200 = Straight PCB Contacts (Commercial)
- 232 = Straight PCB Contacts (Military)
- 700 = Angled PCB Contacts (Commercial) .283 Footprint
- 732 = Angled PCB Contacts (Military) .283 Footprint

S*MA Series (M24308) Crimp

- PL = Without Contacts (Pin) Male Contacts
- SL = Without Contacts (Socket) Female Contacts
- 036 = Connector with Contacts (Commercial)
- = Connector with Contacts (Military)

D*MW Series

No Contact Designation Supplied with 20 Ga. Soldercup Contacts Coax, Power and High Voltage Ordered Separately. See D*M for contact variations.

8656 Series Crimp

- PL = Without (Pin) Male Contacts
 - SL = Without (Socket) Female Contacts
- Contacts Ordered Separately

8657, 8658 Series Insulation Displacement

- 064 = Tin Contacts

8RAFD

- 01 = .120 Dia. Hole
- 02 = 4-40 Threaded Insert (Flush Mount)
- 03 = 4-40 Threaded Insert x .250 HEX Insert Stand
- 04 = 4-40 Threaded Insert x .250 Standoff Set*
- 05 = 4-40 Threaded Insert x .170 Dia. Standoff*
- 11 = Grounding Tab/4-40 Flush Insert
- 12 = Grounding Tab/4-40 Hex Insert
- 13 = Grounding Tab/4-40 Round Insert
- 14 = Nickel Plated - 05
- 20 = Same as 01 - Except Metal Face
- 21 = Same as 11 - Except Metal Face
- 22 = Same as 12 - Except Metal Face
- 23 = Same as 13 - Except Metal Face

*Conform to EIA - RS232C Standard

H. BRACKET MATERIAL

- = Plastic Bracket
- C = No Bracket
- M = Metal Bracket

I. SHELL MATERIAL

- = Zinc/Cadmium
- T = Tin Shell
- P = Black Cadmium

J. GROUNDING

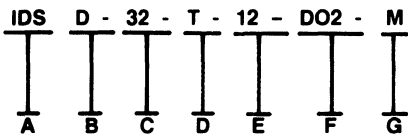
- = No Indents
- X = Grounding Indents
- Y = Grounding Ring

MANUFACTURERS' ORDERING KEYS

SMI27

SAMTEC

EXAMPLE



A. TYPE STRIP

IDM = Male Plug
IDS = Socket

B. ROW OPTION

S = Single (Socket Only)
D = Double

C. NUMBER OF PINS PER ROW

Male Plug
-02 thru -32 (-32 positions standard)
Female Socket
-02 thru -36 (-36 positions standard)

D. END ASSEMBLY

-S = Single End
-D = Double End
-T = Transfer End

E. ASSEMBLED LENGTH

Assembled Length in INCHES ($\pm 1/8''$)
(Whole inches only; 2 inches minimum)

(Leave Blank for Standard Version)

-T = Tin Plating (Both Ends)
-C = Tin IDM/Gold IDS
-R = Gold IDM/Tin IDS

-P "XX" = Polarized

-G = Gray Cable

-ST "X" = Stripped & Tinned

-B "XX" = Breakout

-S "XX" = Daisy Chain, Single

-D "XX" = Daisy Chain, Double

-W "XX" = Wiring Reversed Daisy Chain,
Single

-R = Reversed

-M = Middle Reverse

-O = Outside Reverse

F. OPTION #1

(Leave Blank for Standard Version)

-T = Tin Plating (Both Ends)
-C = Tin IDM/Gold IDS
-R = Gold IDM/Tin IDS

Standard plating is selective gold over BeCu contact for IDS; Selective gold over phosphor bronze for IDM.

-P "XX" = Polarized

Specify "XX" as position number. For double ended assemblies the same position will be polarized on both connections. (Not available on IDM)

-G = Gray Cable

Specify -G for low cost Gray cable. Gray cable has one red edge. IDSS uses .100" centerline cable. IDSD AND IDMD uses .050" centerline cable. Cable is 28 AWG 7/36 copper wire. Standard cable is same as above except color coded.

-ST "X" = Stripped & Tinned

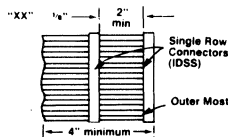
Specify Suffix from table. All dimensions are $\pm 1/16''$.

-ST8	1/8"
-ST4	1/4"
-ST2	1/2"
-ST3	3/8"

-B "XX" = Breakout

Specify "XX" as number of conductors to be broken out.

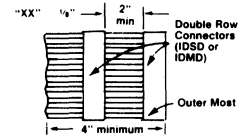
-S "XX" = Daisy Chain, Single



When mating double row connector with two single row connectors, the outer most single will be connected to Conductor #1 and the inside single to Conductor #2.

G. OPTION #2

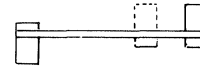
-D "XX" = Daisy Chain, Double



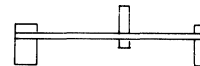
-W "XX" = Wiring Reversed Daisy Chain,
Single

Same as -S "XX" except outer strip connected to conductor #2 and inside strip connected to conductor #1.

-R = Reversed



-M = Middle Reverse



Requires -SXX -WXX or -DXX

-O = Outside Reverse



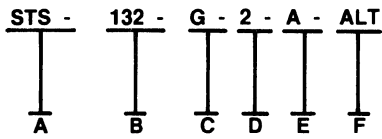
Requires -SXX -WXX or -DXX

MANUFACTURERS' ORDERING KEYS

SMI12

SAMTEC

EXAMPLE



A. TYPE STRIP

B. NUMBER OF POSITIONS

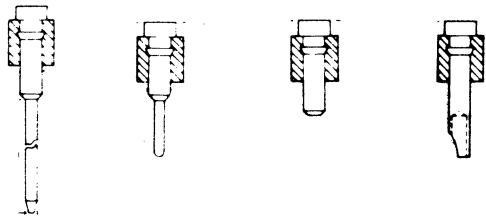
02 thru 32 (20 & 32 standard)

C. PLATE OPTION

- G = Gold Contact Gold Shell
 - T = Gold Contact Tin Shell
 - TT = Tin Contact Tin Shell
- Socket Styles -1 & -2 only

D. LEAD STYLE (POSITION #1)

Select Socket/Terminal Styles from Below



STYLE-1B

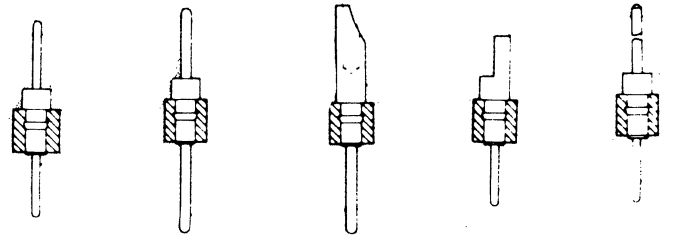
STYLE-2

STYLE-3

STYLE-4

E. LEAD STYLE (POSITION #2)

Select Socket/Terminal Styles from Below



STYLE-AA

STYLE-A

STYLE-B

STYLE-C

STYLE-D

F. POSITION OPTION

-ALT = Alternate

Position #1 callout would alternate with position #2 callout.

-POL = Polarized

Position #1 callout would be polarizing pin. All other positions would be filled with position #2 callout.

KAM28

KEL-AM INCORPORATED

Part Number for VA type DIN

8XXX - XXX - 2XX

Contact Terminal Style

- 283 : Straight · Dip Solder (8330 Series Socket Receptacle)
- 284 : R/A · Dip Solder (8440 Series Socket Header)
- 291 : Straight · W/W (8431 Series Pin Receptacle)
- 294 : R/A · Dip Solder (8331, 8341 Series Pin Header)
- 294 : Straight · Dip Solder (8431 Pin Receptacle)

Number of contacts

- 032, 044, 050, 064, 090, 100 (2 row type)
- 048, 096 (3 row type)

Series

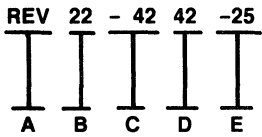
- 8330 : Standard DIN (Socket Receptacle)
- 8331 : Standard DIN (Pin Header)
- 8341 : Standard DIN (Pin Header for Flush Mounting)
- 8431 : Inverse DIN (Pin Receptacle for Flush Mounting)
- 8440 : Inverse DIN (Socket Header)

MANUFACTURERS' ORDERING KEYS

KAM16

KEL-AM INCORPORATED

EXAMPLE



- A. SERIES
- B. NO. OF CONTACTS PER ROW
18, 22, 28, 31, 36, 43
- C. TERMINAL
42 = .180 Lg.
85 = .560 Lg.

D. CONTACT PLATING

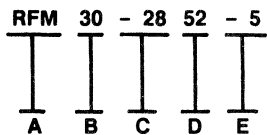
CODE	GOLD AT AREA "C"	TERMINAL PLATING	UNDERPLATING
01	.000010	.000010 Gold	.000030 Nickel
03	.000030	.000030 Gold	.000050 Nickel
52	.000020	Gold Flash	.000040 Nickel
53	.000030	Gold Flash	.000050 Nickel
42	.000020	Tin/Lead	.000040 Nickel
41	.000010	Tin/Lead	.000030 Nickel

- E. MOUNTING STYLE
-25 = Centered Ears

KAM07

KEL-AM INCORPORATED

EXAMPLE



- A. SERIES
- B. NO. OF CONTACTS PER ROW
10, 13, 17, 20, 25, 30, 40
- C. TERMINAL SIZE
28 = 28 Awg (Stranded)
Ribbon Cable

D. CONTACT PLATING

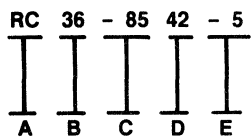
CODE	GOLD AT AREA "C"	TERMINAL PLATING	UNDERPLATING
01	.000010	.000010 Gold	.000030 Nickel
03	.000030	.000030 Gold	.000050 Nickel
52	.000020	Gold Flash	.000040 Nickel
53	.000030	Gold Flash	.000050 Nickel
42	.000020	Tin/Lead	.000040 Nickel
41	.000010	Tin/Lead	.000030 Nickel

- E. OPTION
0 = No Ears
5 = With Ears

KAM10

KEL-AM INCORPORATED

EXAMPLE



- A. SERIES
- B. NO. OF CONTACTS PER ROW
10, 13, 15, 17, 18, 20
22, 25, 30, 36, 40, 50
- C. TERMINAL TYPE
01 = Eyelet
42 = Dip Solder .025 Sq.
85 = Wire Wrap .025 Sq.

D. CONTACT PLATING

CODE	GOLD AT AREA "C"	TERMINAL PLATING	UNDERPLATING
01	.000010	.000010 Gold	.000030 Nickel
03	.000030	.000030 Gold	.000050 Nickel
52	.000020	Gold Flash	.000040 Nickel
53	.000030	Gold Flash	.000050 Nickel
42	.000020	Tin/Lead	.000040 Nickel
41	.000010	Tin/Lead	.000030 Nickel

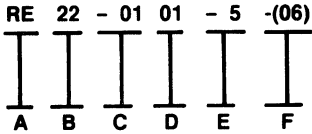
- E. OPTION
5 = With Ears

MANUFACTURERS' ORDERING KEYS

KAM17

KEL-AM INCORPORATED

EXAMPLE



A. SERIES

B. NO. OF CONTACTS PER ROW
6, 10, 12, 15, 18, 22, 25, 28

C. TERMINAL

01 = Eyelet - .200 Row Centers
42 = Dip Solder - .200 or .150 Row Centers

D. CONTACT PLATING

CODE	GOLD AT AREA "C"	TERMINAL PLATING	UNDERPLATING
01	.000010	.000010 Gold	.000030 Nickel
03	.000030	.000030 Gold	.000050 Nickel
52	.000020	Gold Flash	.000040 Nickel
53	.000030	Gold Flash	.000050 Nickel
42	.000020	Tin/Lead	.000040 Nickel
41	.000010	Tin/Lead	.000030 Nickel

E. OPTION

5 = With Ears

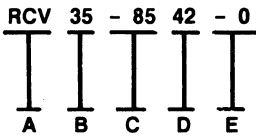
F. OPTION

.156 x .150 Dip Solder Only.
Omit for .156 x .200

KAM12

KEL-AM INCORPORATED

EXAMPLE



A. SERIES

B. NO. OF CONTACTS PER ROW
10, 15, 18, 20, 22, 25, 28,
30, 35, 36, 40, 43, 49, 50,
55, 60, 65

C. TERMINAL TYPE

42 = Dip Solder .025 Sq.
85 = Wire Wrap .025 Sq.

D. CONTACT PLATING

CODE	GOLD AT AREA "C"	TERMINAL PLATING	UNDERPLATING
01	.000010	.000010 Gold	.000030 Nickel
03	.000030	.000030 Gold	.000050 Nickel
52	.000020	Gold Flash	.000040 Nickel
53	.000030	Gold Flash	.000050 Nickel
42	.000020	Tin/Lead	.000040 Nickel
41	.000010	Tin/Lead	.000030 Nickel

E. OPTION

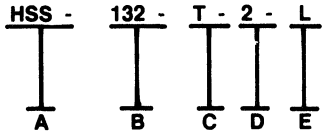
25 = With Centered Ears
0 = No Ears

MANUFACTURERS' ORDERING KEYS

SMI03

SAMTEC

EXAMPLE



A. TYPE STRIP

B. NUMBER OF PINS PER ROW

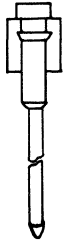
01 thru 32 = .020" Single
(20 & 32 Standard)

C. PLATING OPTION

- G = 30 μ" Gold Contact 10 μ" Gold Shell
- T = 30 μ" Gold Contact 200 μ" Tin Shell
- S = 10 μ" Gold Contact 200 μ" Tin Shell
(Styles 2 & 22 only)
- TT = 200 μ" Tin Contact and Shell
(Styles 1, 2, 13, 21 & 22 only)

D. LEAD STYLE

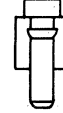
-1A, -1B or -1C
For LIF specify -21A, -21B or -21C



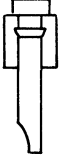
-2*, -5A, -7, or -18*
*For LIF specify -22 or -38



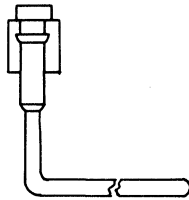
-3
For LIF specify -23



-4



-5



-6



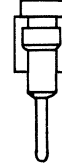
-8



-9



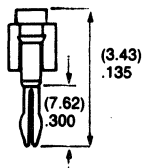
-13



E. OPTION

-L = Locking Socket

Add -L suffix for locking socket in end positions. 20 positions and longer have additional locking socket near center of strip. Requires Style -2 or -22 and .040 ± .003 DIA board hole.

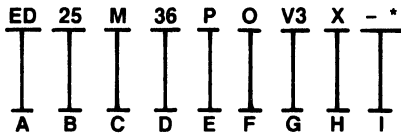


MANUFACTURERS' ORDERING KEYS

PST03

POSITRONIC INDUSTRIES, INC.

EXAMPLE



A. SERIES

Basic Series

B. NO. OF CONTACTS

C. CONTACT DESIGNATION

M - Male
F - Female

D. CONTACT TYPE

2 - Solder, Wire
22 - Solder, Wire, Stamped, Female only
36 - Solder, P/C Board, Straight Mount
37 - Solder, P/C Board, Straight Mount
42 - Solder, Right Angle Normal
43 - Solder, Right Angle Normal
44 - Solder, Right Angle Inverted
45 - Solder, Right Angle Inverted
46 - Solder, Right Angle Sandwich
47 - Solder, Right Angle Sandwich
52 - Solder, Right Angle Normal
53 - Solder, Right Angle Normal
6 - Wrap Post

E. MOUNTING STYLE

O - Clearance Hole (.120)
O₂ - Clearance Hole (.154)
B - Bracket, Mounting 90° Metal
B₃ - Bracket, Mounting 90° Metal w/Cross Bar
B₇ - Bracket, Mounting 90° Plastic
B₈ - Bracket, Mounting 90° Plastic w/Cross Bar
B₉ - Bracket, Mounting 90° Plastic w Threaded Metal insert
B₁₀ - Bracket, Mounting 90° Plastic w Threaded Metal insert w Cross Bar
F - Floating Bushing, Universal
P - Post, Threaded (.225) Brass
P₂ - Post, Threaded (.225) Nylon
P₃ - Post, Threaded (.437) Nylon
R₃ - Bracket, Mounting 90° Metal, Swaged to Connector with .120 Dia. Hole
R₄ - Bracket, Mounting 90° Metal, Swaged to Connector with 4-40 Threads
R₅ - Bracket, Mounting 90° Metal, Swaged to Connector with Locknut
R₆ - Bracket, Mounting 90° Metal, Swaged to Connector with .120 Dia. Hole w Cross Bar
R₇ - Bracket, Mounting 90° Metal, Swaged to Connector with 4-40 Threads w Cross Bar
R₈ - Bracket, Mounting 90° Metal, Swaged to Connector with Locknut w Cross Bar
S - Swage Spacer (.225)
S₂ - Swage Spacer (.125)
S₃ - Swage Spacer (.125)
S₄ - Swage Spacer (.225)
S₅ - Locknut, Nylon Insert

F. HOODS

O - None
J - Top Opening, Plastic
L - Side Opening, Plastic
K - No Opening, Plastic
Y - Top Opening, Captive Threadlocks, Plastic
H - Top Opening, Steel
M - EMI/RFI Metal
W - Top or Side Opening, Plastic

G. LOCKS

O - None
V₃ - Tab
VL - Used with Hood Only
T - Fixed Threadlocks
T₂ - Fixed Threadlocks
T₃ - Fixed Threadlocks
E - Rotating Threadlocks
E₂ - Screw Lock

H. SHELL OPTIONS

O - Zinc, dichromate seal
X - Tin plate
Z - Tin plate with dimpling

I. SPECIAL OPTIONS

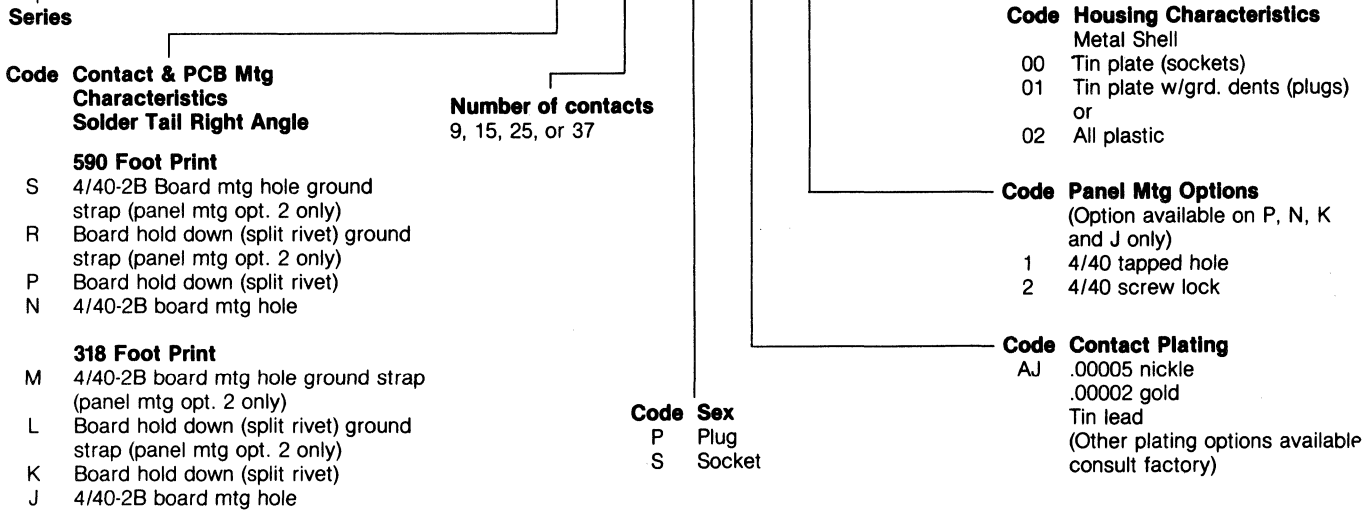
Consult Sales Department

MANUFACTURERS' ORDERING KEYS

AAP18

ALLIED AMPHENOL PRODUCTS

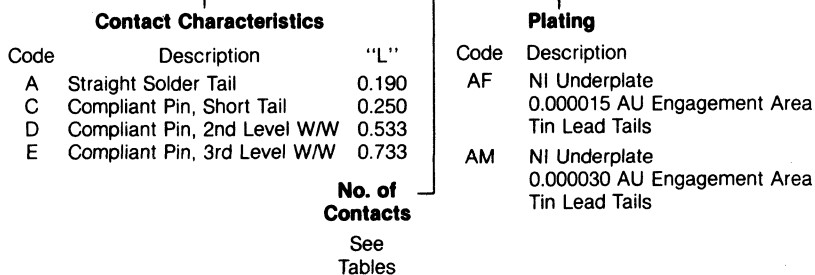
617 - S - XXX - S - XX - X - XX



AMP01

AMP INCORPORATED

166-XXXXP-XX000

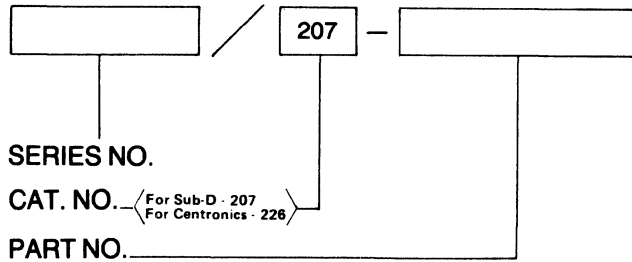


MANUFACTURERS' ORDERING KEYS

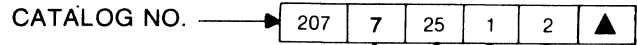
API01

ALPHA PRODUCTS, INC.

HOW TO ORDER:



REMEMBER: TO AVOID CONFUSION ALWAYS PUT THE SERIES NO. BEFORE PART NUMBER AS SHOWN ABOVE.



TYPE Ultra-Miniature

No. of Contacts:
09 15 21 25 31 37

- 1: Male (pin contacts)
- 2: Female (socket contacts)

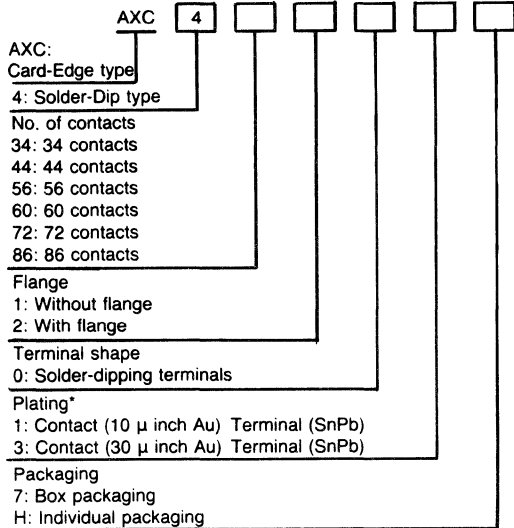
- TERMINATION:
- 1. Straight - Dip solder
 - 2. Straight - Solder Cup
 - 3. Right Angled
 - ▲ 4. Pigtail - Please specify pigtail length in inches (in parenthesis)

Example:
207-7-2514(20)
25 pin, male,
with 20 inch pigtails

ARO06

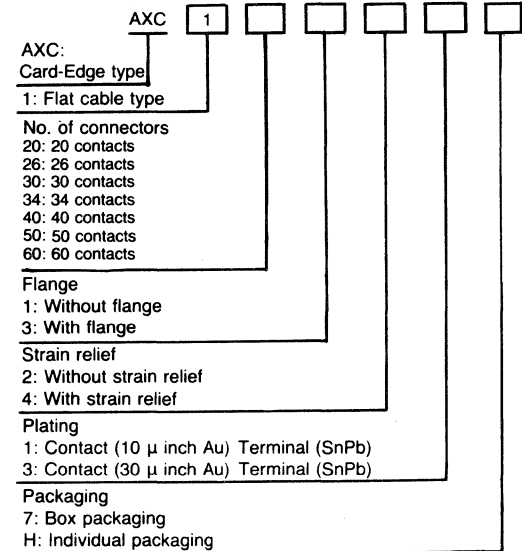
AROMAT CORPORATION

1. Solder-Dip type



*For different plating requirements, please contact your nearest Aromat sales office.

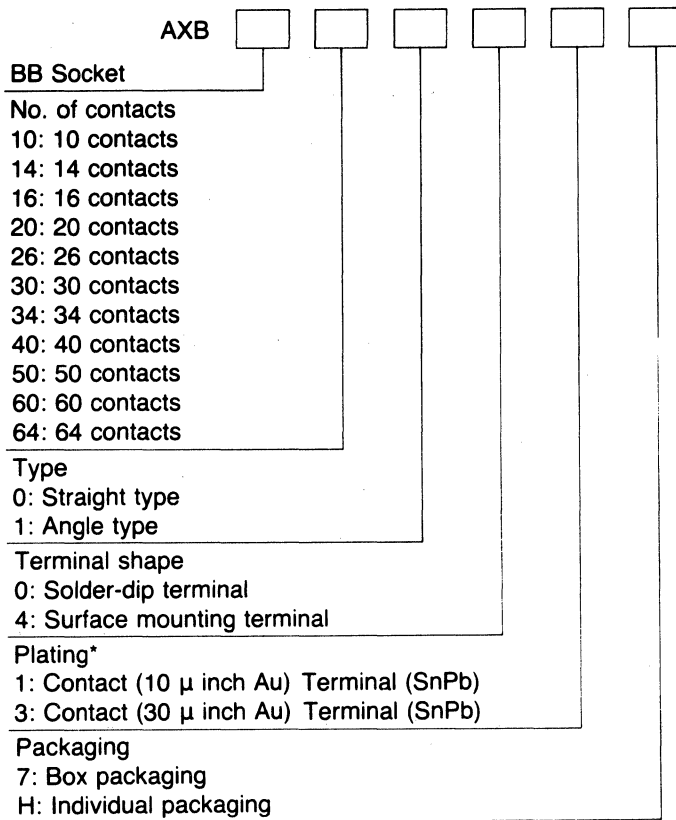
2. Flat Cable type



MANUFACTURERS' ORDERING KEYS

ARO05

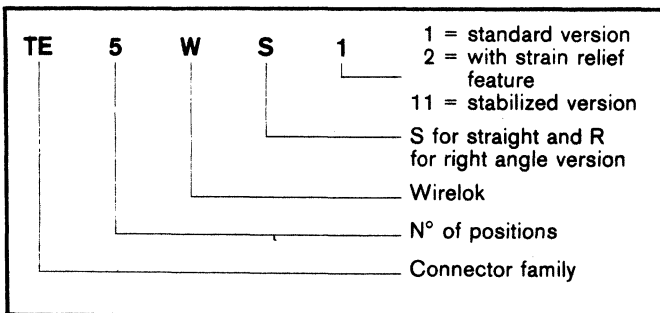
AROMAT CORPORATION



*For different plating requirements, please contact your nearest Aromat sales office.

BDY29

BURNDY



TE 5 W S 1

1 = standard version
 2 = with strain relief feature
 11 = stabilized version

S for straight and R for right angle version

Wirelok

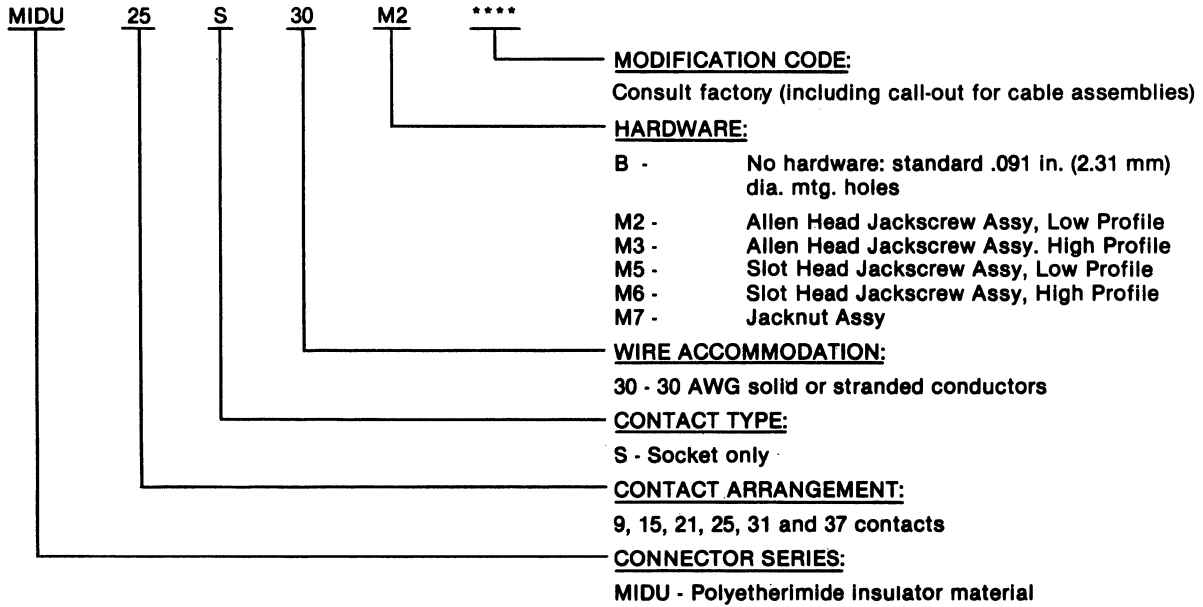
N° of positions

Connector family

MANUFACTURERS' ORDERING KEYS

CAN04

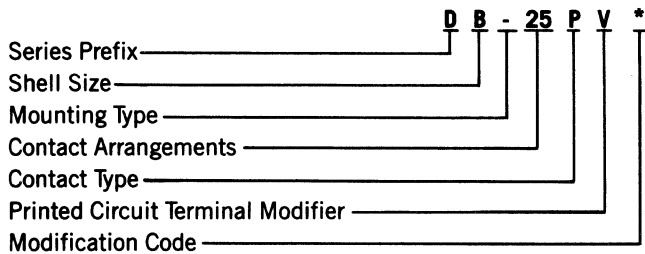
CANNON ITT



Note: This connector series mates with standard MD* plastic Series (only) having Micropin® contacts. Consult Micro Connector catalog for mating MD Series part numbers

CAN05

CANNON ITT



SERIES PREFIX

D

SHELL SIZE

E, A, B, C, D

MOUNTING TYPE

- No designator—Standard .120 (3.05) diameter mounting hole
- E — 4-40 clinch nut for rear panel mounting
- F — Float mount for rear panel mounting
- K — .154 (3.91) diameter mounting hole
- R — Reverse float mount for front panel mounting
- Y — Dual float mount for both front and rear panel mounting

CONTACT ARRANGEMENTS

9, 15, 25, 37, 50

CONTACT TYPE

P— Pin; S— Socket

PRINTED CIRCUIT TERMINAL MODIFIER

No designator—Solder cup contacts (standard)

- A — Right angle, .040 (1.02) diameter terminals with bracket; .093 (2.36) extension below bracket
- C — Same as A except less bracket
- H — Straight P.C. .040 (1.02) diameter, .156 (3.96) extension
- U — Straight P.C. .024 (0.61) diameter, .125 (3.17) extension
- V — Straight P.C. .040 (1.02) diameter, .093 (2.35) extension

MODIFICATION CODE

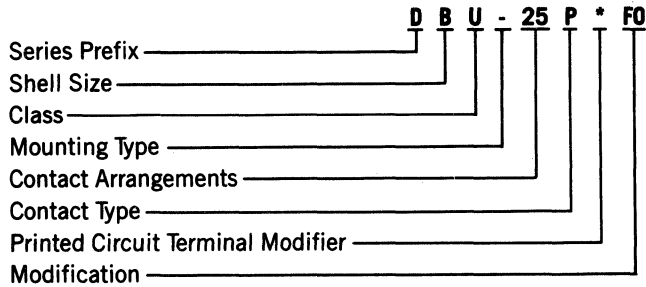
Wire Wrapping Applications

- F179 — .024 (0.61) sq post, .375 (9.52) extension
 - F179A — .024 (0.61) sq post, .500 (12.70) extension
 - C53 — UL 94V-0 rated polyamide insulator, color black
- See pg. 66 for additional modifications

MANUFACTURERS' ORDERING KEYS

CAN06

CANNON ITT



SERIES PREFIX

D — ITT Cannon designation

SHELL SIZE

E, A, B, C and D

CLASS

C — Contact retaining tines, BURGUN-D insulator
 U — Contact retaining tines, UL 94V-O rated black insulator

MOUNTING TYPE

No designator — standard .120 (3.05) diameter mounting holes
 E — 4-40 clinch nut for rear panel mounting
 F — Float mount for rear panel mounting
 K — .154 (3.91) diameter mounting hole
 R — Reverse float mount for front panel mounting
 Y — Dual float mount for both front and rear panel mounting

CONTACT ARRANGEMENTS

3, 5, 9, 15, 25, 37 and 50

CONTACT TYPE

P — Pin; S — Socket

PRINTED CIRCUIT TERMINAL MODIFIER

Right Angle Terminal

AA — Stamped contacts with bracket—.030/.026 (0.76/0.66) dia. with .164/.149 (4.16/3.78) extension from bracket
 AD — Machined contacts with bracket—.026/.022 (0.66/0.56) dia. with .164/.149 (4.16/3.78) extension from bracket
 CA — Stamped contacts with metal bracket—.030/.026 (0.76/0.66) dia. with .164/.149 (4.16/3.78) extension from bracket

Straight Terminal

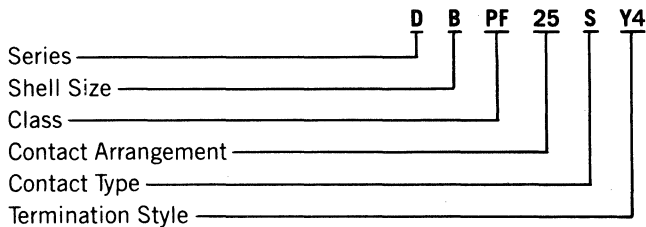
BB — Stamped contacts—.030/.026 (0.76/0.66) dia. with .159/.129 (4.04/3.28) extension from rear of insulator
 BF — Machined contacts—.026/.022 (0.66/0.56) dia. with .159/.129 (4.04/3.28) extension from rear of insulator

MODIFICATION

A197 — Tin plated shells
 K87 — Tin plated shells with grounding indents for EMI/RFI suppression (pin connectors only)
 FO — Connector less contacts (not stamped on connector)
 See page 66 for additional modifications.

CAN09

CANNON ITT



SERIES

D — ITT Cannon designation

SHELL SIZE

E — 9 contacts
 A — 15 contacts
 B — 25 contacts
 C — 37 contacts
 D — 50 contacts

CLASS

PF — All plastic

CONTACT ARRANGEMENTS

9, 15, 25, 37, 50 contacts

CONTACT TYPE

P — Pin
 S — Socket

TERMINATION STYLE

K3 — 3 wrap termination .024 (0.60) square; .500 (12.70) ext.
 Y4 — Straight P.C. termination
 V6 — 90° P.C. termination
 Y44 — Straight P.C. termination with .440 (11.18) threaded inserts and board standoff
 Y47 — Straight P.C. termination with female screw-locks #4-40 UNC 2B
 Y48 — With 2 plastic spacers
 V62 — 90° P.C. termination with female screw-locks #4-40 UNC 2B
 CA — 90° 25s only .318 (8.08) foot print

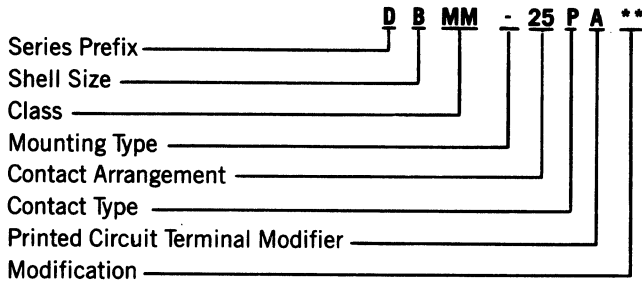
MANUFACTURERS' ORDERING KEYS

CAN10

CANNON ITT

CLASS

- M — One piece insulator
- MM — One piece insulator: materials, finishes, and inspection per MIL-C-24308 as applicable
- MA — LITTLE CAESAR rear release contact retention assembly.
- MAM — LITTLE CAESAR rear release contact retention assembly; materials, finishes and inspection per MIL-C-24308 as applicable.



SERIES PREFIX

D

SHELL SIZE

A, B, C, D, E

CLASS

- M — One piece insulator
- MM — One piece insulator: materials, finishes, and inspection per MIL-C-24308 as applicable. See page 68-69 for QPL listing

MOUNTING TYPE

- No Designator: Standard .120 (3.05) diameter hole
- E — Two clinch nuts for rear panel mounting
- F — Float mounts for rear panel mounting
- K — .154 (3.91) diameter mounting holes
- R — Reverse float mounts for front panel mounting
- Y — Dual float mount for both front and rear panel mounting

CONTACT ARRANGEMENTS

Contact manufacturer

CONTACT TYPE

- P — Pin
- S — Socket

PRINTED CIRCUIT TERMINAL MODIFIER

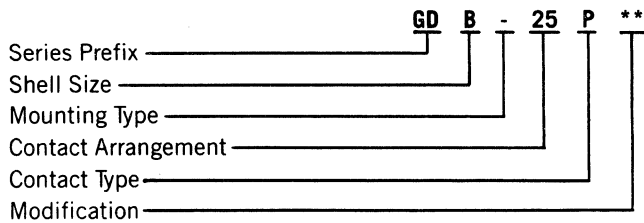
Contact manufacturer

MODIFICATION

Contact manufacturer

CAN11

CANNON ITT



SERIES PREFIX

GD — Grommet D

SHELL SIZE

E, A, B, D

MOUNTING TYPE

- No Designator — .120 (3.05) Diameter Mounting Holes
- F — Float Mount for Rear Panel Mounting
- K — .154 (3.91) Diameter Mounting Holes

CONTACT ARRANGEMENTS

9, 15, 25, and 50

CONTACT TYPE

- P — Pin, crimp termination
- S — Socket, crimp termination
- PB — Pin, printed circuit termination with non-removeable straight tails for .125 (3.18) maximum P.C. Board Thickness

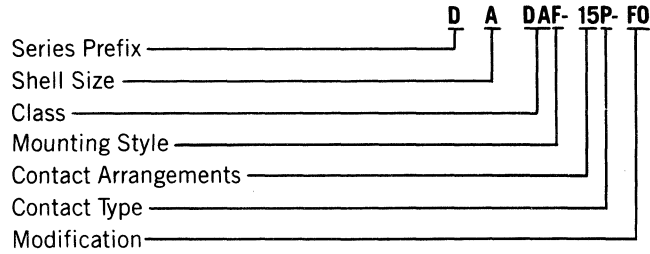
MODIFICATIONS (Typical Modifiers)

- FO — Connectors supplied Less Contacts
- A156 — Connectors supplied with contacts plated per MIL-G-45204 Type II Class 1 (M24308 Finish)

MANUFACTURERS' ORDERING KEYS

CAN12

CANNON ITT



SERIES PREFIX

ITT Cannon Designation

SHELL SIZE

A, B, C, D, E

CLASS

D - Environmental

DA - Environmental, crimp type

MOUNTING STYLE

No Designator - Standard Mounting

A - Standard mounting holes

B - Float mounts supplied

F - Float mounts supplied

CONTACT ARRANGEMENTS

9, 15, 25, 37, 50

CONTACT TYPE

P - Pin

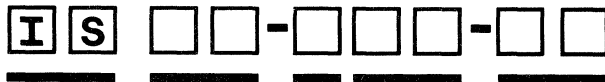
S - Socket

MODIFICATION

FO - Connector supplied less contacts, for other modifications consult factory

EBY20

EBY COMPANY, A PULLMAN COMPANY (EBY)



SERIES

NUMBER OF CONTACTS

10, 14, 16, 20, 26, 34, 40, 50, 60
(see chart for standard sizes)

CONTACT AND

CENTER KEY CONFIGURATION

- X - Dual beam female contact (see Fig. A) with center key projection (see Fig. B)
- A - Dual beam female contact (see Fig. A) without center key projection (see Fig. C)
- B - Single beam female contact (see Fig. D) with center key projection (see Fig. E)
- C - Single beam female contact (see Fig. D) without center key projection (see Fig. F)

SOCKET CONFIGURATION

- 01 - Open Cover with Strain Relief
- 02 - Open Cover without Strain Relief
- 11 - Wire Stop Cover with Strain Relief
- 12 - Wire Stop Cover without Strain Relief
- 20 - Strain Relief Only**

CONTACT MATERIALS AND FINISHES

- 01 - Ph Brz - .000010" (0.254 μm) Gold over Nickel
- 03 - Ph Brz - .000030" (0.762 μm) Gold over Nickel
- 33 - Ph Brz - .000030" (0.762 μm) Selective* Gold Gold flash, IDC over Nickel
- 81 - Ph Brz - .000010" (0.254 μm) Selective* Gold/tin-lead IDC over Nickel
- 82 - Ph Brz - .000020" (0.508 μm) Selective* Gold/tin-lead IDC over Nickel
- 83 - Ph Brz - .000030" (0.762 μm) Selective* Gold/tin-lead IDC over Nickel
- 85 - Ph Brz - .000050" (1.270 μm) Selective* Gold/tin-lead IDC over Nickel

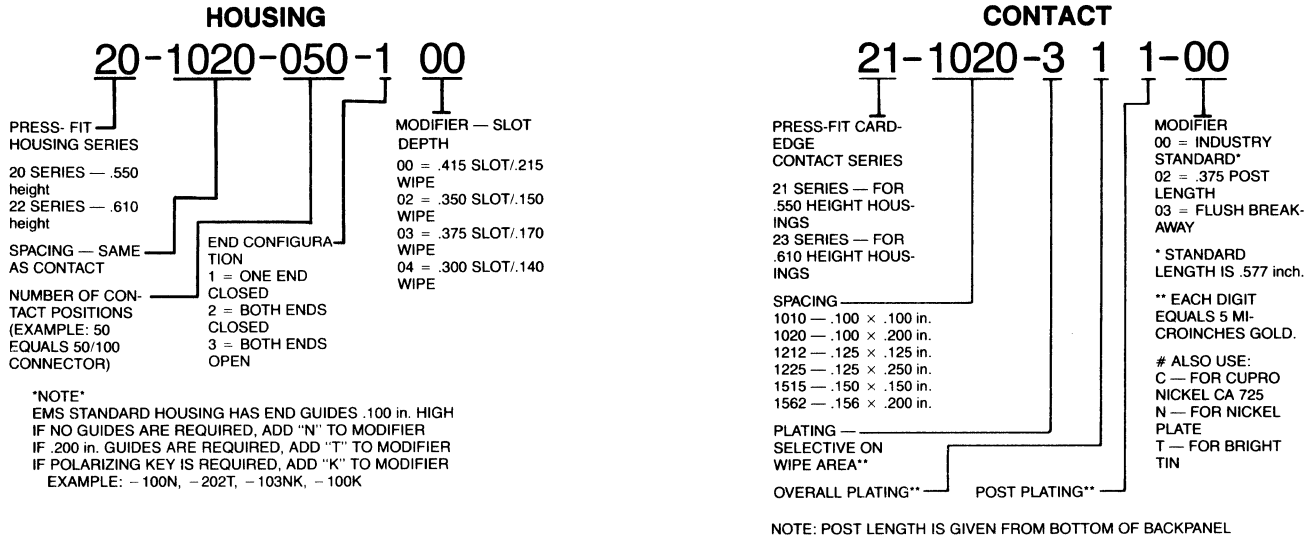
*Selective Gold is on the critical (Female) contact area only, the remainder is Gold Flashed all over.

**Example of Strain Relief ordering:
"IS26-X20" (Omit all other digits)

MANUFACTURERS' ORDERING KEYS

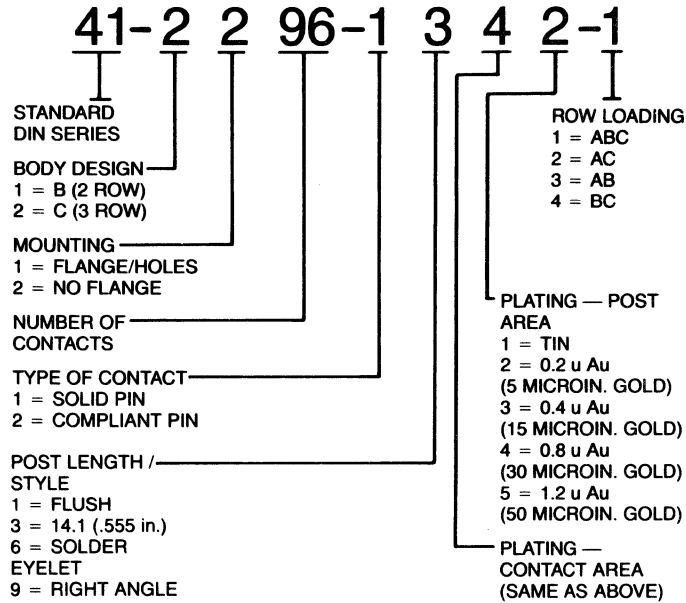
EMSB08

ELECTRONIC MODULAR SYSTEMS, LTD.



EMSB09

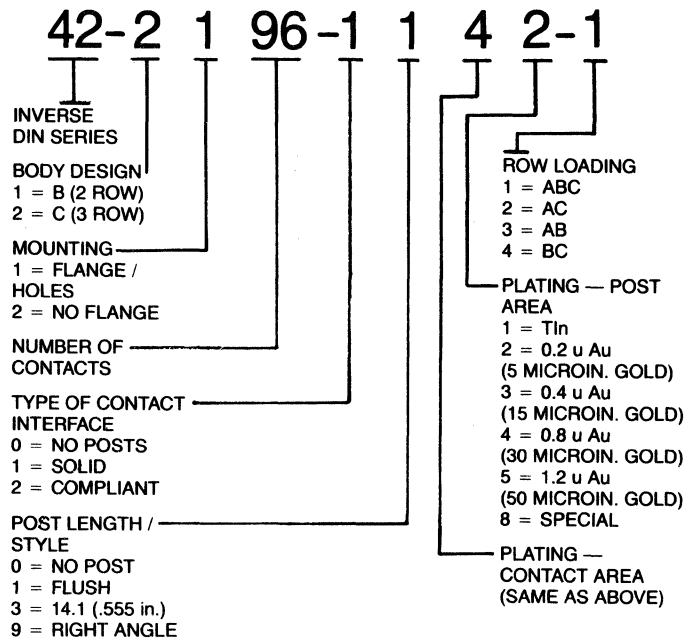
ELECTRONIC MODULAR SYSTEMS, LTD.



MANUFACTURERS' ORDERING KEYS

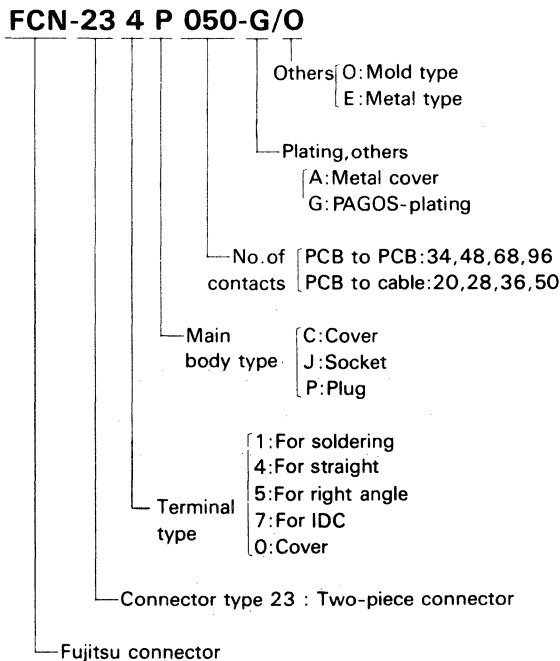
EMSB10

ELECTRONIC MODULAR SYSTEMS, LTD.



FCA01

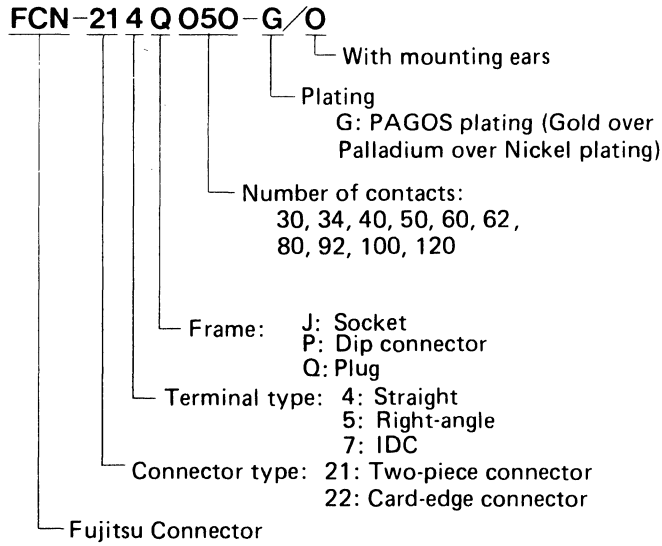
FUJITSU COMPONENTS OF AMERICA INC.



MANUFACTURERS' ORDERING KEYS

FCA02

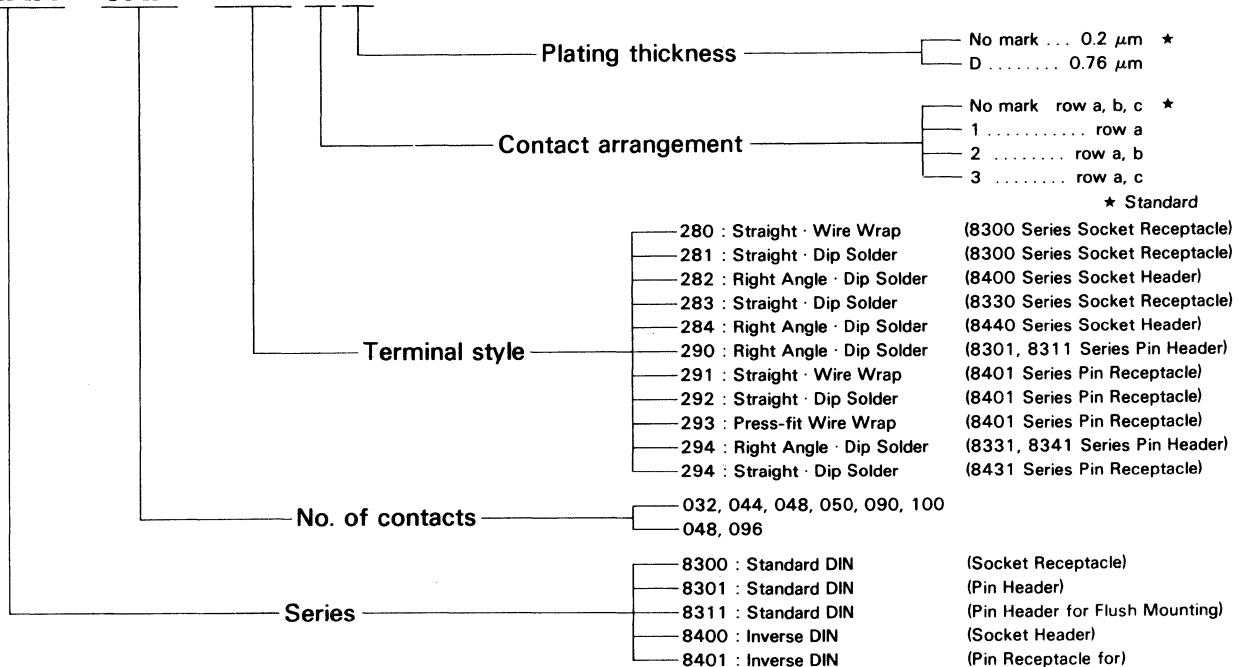
FUJITSU COMPONENTS OF AMERICA INC.



KAM29

KEL-AM INCORPORATED

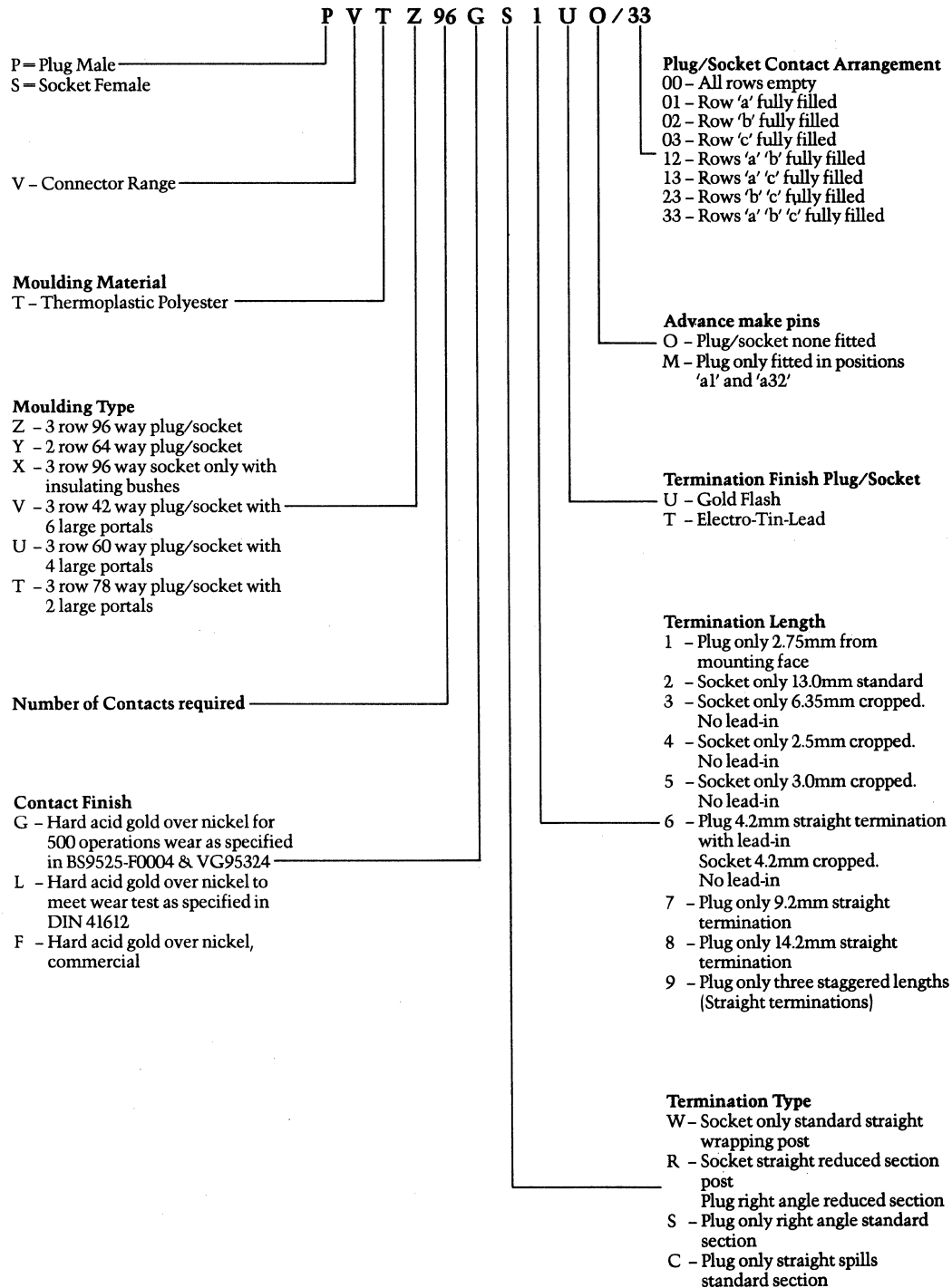
8XXX - 0XX - 2XX X X



MANUFACTURERS' ORDERING KEYS

FERS02

FERRANTI CONNECTION SYSTEMS

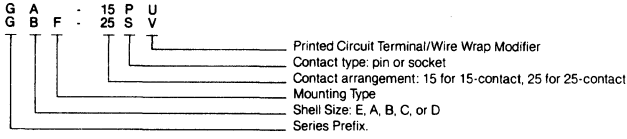


MANUFACTURERS' ORDERING KEYS

GEC01

GENERAL CONNECTOR CORPORATION

Number designation system



Mounting Type

No designation: standard .120 diameter mounting hole
 D—Dual float mount
 E—4-40 clinch nut for rear panel mounting
 F—Float mount for rear panel mounting
 G—2-56 clinch nut for rear panel mounting
 K—.154 diameter mounting holes
 R—Reverse float mount for front panel mounting

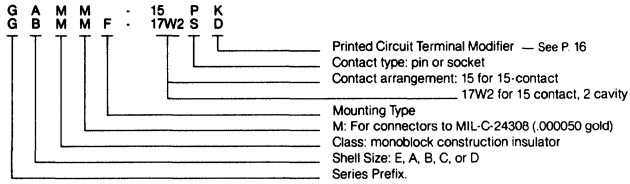
Printed Circuit Terminal Wire Wrap Modifier

A—Right-angle printed circuit connector with .040 diameter terminals, with bracket; accommodates printed circuit boards up to 1/16 maximum thickness.
 C—Right-angle printed circuit connector with .040 diameter terminals, without bracket; accommodates printed circuit boards up to 1/16 maximum thickness.
 U—Straight printed circuit connector with .024 diameter terminals, accommodates printed circuit boards up to .093 maximum thickness.
 V—Straight printed circuit connector with .040 diameter terminals; accommodates printed circuit boards up to 1/16 maximum thickness.
 Wrap Post Termination: F179 —2 wraps per termination
 F179A—3 wraps per termination
 F179B—1 wrap per termination

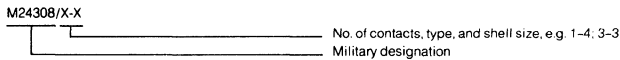
GEC02

GENERAL CONNECTOR CORPORATION

Number designation system



These connectors are approved per MIL-C-24308 and the connectors are listed on the Qualified Product List (QPL). They may be ordered as follows:



Mounting Type

No designation: standard .120 diameter mounting hole
 D—Dual float mount
 E—4-40 clinch nut for rear panel mounting
 F—Float mount for rear panel mounting
 G—2-56 clinch nut for rear panel mounting
 K—.154 diameter mounting holes
 R—Reverse float mount for front panel mounting

Printed Circuit Terminal Modifier Codes

Code	Straight	Right Angle	BRACKET		COMMERCIAL		MILITARY		Term. Dia.	
			With	W/O	± .020 Contact Ext.	Max. Board Thick.	Contact Extension	Max. Board Thick.		
* A	—	✓	✓	—	②	093	062	② ④ 154/ 099	062	040
B	✓	—	—	—	①	125	093			040
C	—	✓	—	✓	③	093	062			040
* D	—	✓	✓	—	②	093	062	② ④ 154/ 099	062	030
E	✓	—	—	—	①	125	093			030
F	—	✓	—	✓	③	093	062			030
* G	—	✓	✓	—	②	125	093	② ④ 185/ 130	094	040
H	✓	—	—	—	①	156	094	① 185/ 130	094	040
K	—	✓	—	✓	③	125	093			040
* L	—	✓	✓	—	②	156	125	② ④ 185/ 130	094	030
M	✓	—	—	—	①	156	094	① 185/ 130	094	030
P	—	✓	—	✓	③	156	125			030
R	—	✓	—	✓	③	184	156			030
* S	—	✓	✓	—	②	184	156	② ④ 210/ 155	125	030
T	—	✓	—	✓	③ ⑤	125	093			040
* W	—	✓	✓	—	②	156	125	② ④ 210/ 155	125	040
* X	✓	—	—	—	①	184	156	① 210/ 155	125	040
Y	—	✓	—	—	③ ⑤	093	062			030
* Z	✓	—	—	—	①	184	156	① 210/ 155	125	030

*WHEN SUFFIX "M" IS USED ON COMMERCIAL DESIGNATORS MILITARY CONTACT EXTENSION APPLIES

- ① FROM INSULATOR
- ② FROM BRACKET
- ③ FROM FLANGE
- ④ AVAILABLE, PIN SIDE ONLY
- ⑤ BELOW BOARD

MANUFACTURERS' ORDERING KEYS

MMM05

ELECTRONIC PRODUCTS DIVISION/3M

Contact Qty. Code	Dim. "A"
02	.310 [7.87]
03	.466 [11.84]
04	.622 [15.80]
05	.778 [19.76]
06	.934 [23.72]
07	1.090 [27.69]
08	1.246 [31.65]
09	1.402 [35.61]
10	1.558 [39.57]
11	1.714 [43.54]
12	1.870 [47.50]
13	2.026 [51.46]
14	2.182 [55.42]
15	2.338 [59.39]
16	2.494 [63.35]
17	2.650 [67.31]
18	2.806 [71.27]
19	2.962 [75.23]
20	3.118 [79.20]
21	3.274 [83.16]
22	3.430 [87.12]

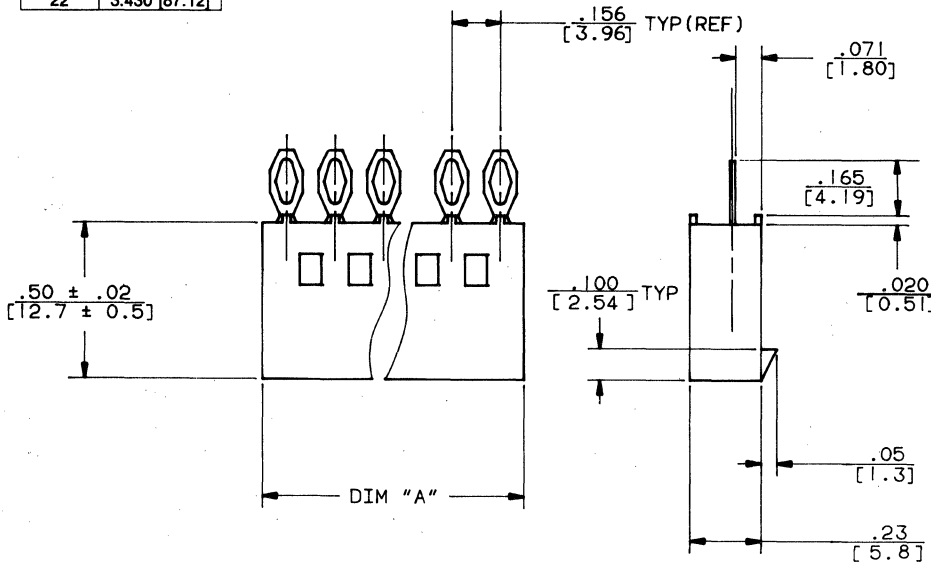
CLE-10XX-001A10-XPX[-K]*

Positions: See Table 1

Size of Mounting Hole Used:
 L = .035" [0.89mm] Dia.
 M = .075" [1.91mm] Dia.

Plating:
 H = Underplate: 50μ" [1.27μm] Min. Nickel
 Wipe Area: 10μ" [0.25μm] Gold
 R = Tin Lead over 50μ" [1.27μm] Min. Nickel
 O = Unplated

*If keying plug is wanted, add "-K" at end of the part number.



MMM07

ELECTRONIC PRODUCTS DIVISION/3M

CLA-X0XX-00X01X-AEX [-K]*

1 = Single Row
 2 = Dual Row

Mounting Options
 1 = Without Flanges
 2 = With Flanges

Contact Quantity
 See Table 1

Plating Options
 M = 30μ" [0.76μm] Gold over 100μ" [2.54μm] Min. Nickel
 R = 90/10 Tin Lead over 50μ" [1.27μm] Min. Nickel

Cover Options
 A = Open
 C = Closed

*If keying plug is wanted, add "-K" at the end of the part number.

MANUFACTURERS' ORDERING KEYS

MMM08

ELECTRONIC PRODUCTS DIVISION/3M

3M Part Number Definition

CHE—20XX—00XA10—XXX

Contact Quantity
See Table 1: Code

Pin Configuration:

- 1 = Straight Solder Tails
- 2 = Straight Solder Tails with Mounting Flanges
- 4 = Right Angle Solder Tails
- 5 = Right Angle Solder Tails with Mounting Flanges

Pin Length/Plating
See Table 2: Code

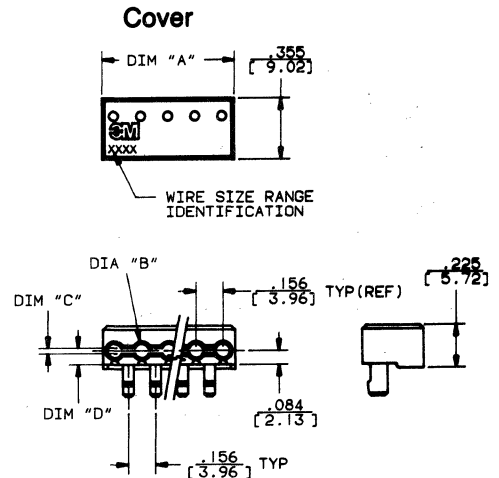
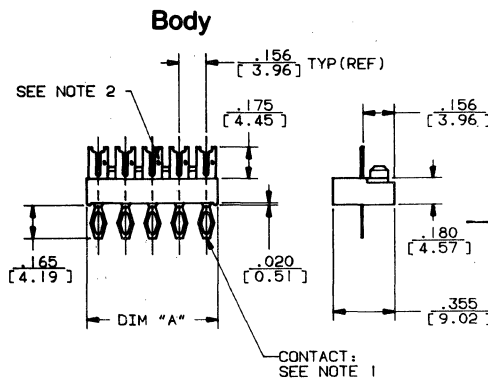
Code	Pin Length Dim. "C" ±.012 [±0.31]	Recommended PCB Thickness	Plating Option*
-KKD	.112 [2.84]	.062 [1.57]	Wiper: AU-10 μ " [0.25 μ m] Tails: Tin Lead-100 μ " [2.54 μ m] Min.
-KKE	.112 [2.84]	.062 [1.57]	Wiper: AU-30 μ " [0.76 μ m] Tails: Tin Lead-100 μ " [2.54 μ m] Min.
-KKR	.112 [2.84]	.062 [1.57]	Overall: Tin Lead-100 μ " [2.54 μ m] Min.
-KLD	.175 [4.45]	.125 [3.18]	Wiper: AU-10 μ " [0.25 μ m] Tails: Tin Lead-100 μ " [2.54 μ m] Min.
-KLE	.175 [4.45]	.125 [3.18]	Wiper: AU-30 μ " [0.76 μ m] Tails: Tin Lead-100 μ " [2.54 μ m] Min.
-KLR	.175 [4.45]	.125 [3.18]	Overall: Tin Lead-100 μ " [2.54 μ m] Min.

*All plating over 50 μ " [1.27 μ m] Min. Nickel

MMM09

ELECTRONIC PRODUCTS DIVISION/3M

Contact Qty. Code	Dim. "A"
02	.310 [7.87]
03	.466 [11.84]
04	.622 [15.80]
05	.778 [19.78]
06	.934 [23.72]
07	1.090 [27.69]
08	1.246 [31.65]
09	1.402 [35.61]
10	1.558 [39.57]
11	1.714 [43.54]
12	1.870 [47.50]
13	2.026 [51.46]
14	2.182 [55.42]
15	2.338 [59.39]
16	2.494 [63.35]
17	2.650 [67.31]
18	2.806 [71.27]
19	2.962 [75.23]
20	3.118 [79.20]
21	3.274 [83.16]
22	3.430 [87.12]



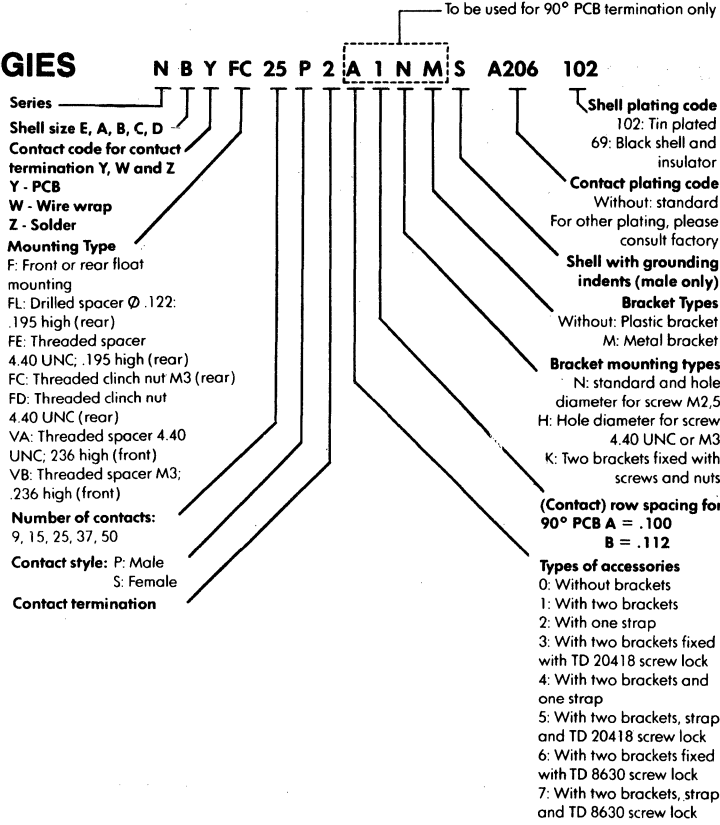
Wire Size AWG	Dia. "B"	Dim. "C" ±.004 [0.10]	Dim. "D" ±.003 [0.08]
18 thru 22	.083 [2.11]	.032 [0.81]	.100 [2.54]
24 thru 26	.059 [1.50]	.024 [0.61]	.096 [2.44]

Note: 1. There are two different contact tails: one for the .035" [0.89mm] mounting hole and one for the .075" [1.91mm] mounting hole.
2. Wire size of contact stamped on each contact.

MANUFACTURERS' ORDERING KEYS

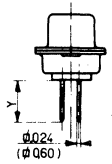
NTS01

NORTHERN TECHNOLOGIES



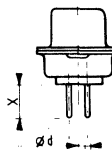
Contact Termination

Wire wrap connector: Contact termination: W



Y ± .01 (0,25)	Code	Nb. of Wraps
.39 (9,92)	2	2
.516 (13,1)	3	3

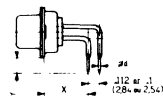
PCB Straight connector: Contact termination: Y



Code	2	1	3*	4	6	7*	8	9	5*	10*	11*
X	.21 (5,3)	.21 (5,3)	.21 (5,3)	.125 (3,14)	.125 (3,14)	.125 (3,14)	.092 (2,34)	.092 (2,34)	0.92 (2,34)	.72 (18,3)	.787 (20)
□ d	.024 (0,60)	.030 (0,76)	.040 (1,02)	.024 (0,60)	.030 (0,76)	.040 (1,02)	.024 (0,60)	.030 (0,76)	.040 (1,02)	.024 (0,60)	.030 (0,76)

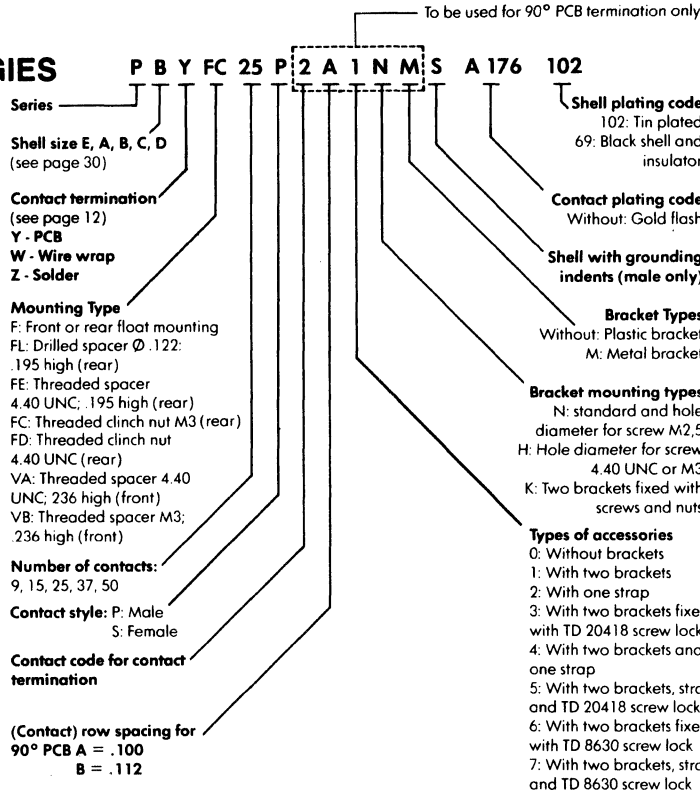
* Screw machined contact only.

PCB 90° Right angle connector: Contact termination: Y



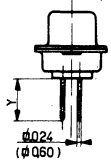
Code	4	5	6	2	1	3	7	8	10	11	9	12
X	.283 (7,19)	.283 (7,19)	.283 (7,19)	.37 (9,40)	.37 (9,40)	.37 (9,40)	.454 (11,53)	.454 (11,53)	.454 (11,53)	.545 (13,84)	.545 (13,84)	.545 (13,84)
Y	.142 (3,6)	.142 (3,6)	.142 (3,6)	.193 (4,9)	.193 (4,9)	.193 (4,9)	.142 (3,6)	.142 (3,6)	.142 (3,6)	.142 (3,6)	.142 (3,6)	.142 (3,6)
□ d	.024 (0,60)	.030 (0,76)	.040 (1,02)	.024 (0,60)	.030 (0,76)	.040 (1,02)	.024 (0,60)	.030 (0,76)	.040 (1,02)	.024 (0,60)	.030 (0,76)	.040 (1,02)

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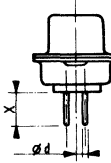
Code for Contact Termination

Wire wrap connector: Contact termination: W



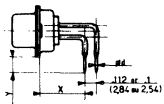
Y ± .01 (0,25)	Code	Nb. of Wraps
.39 (9,92)	2	2
.516 (13,1)	3	3

PCB Straight connector: Contact termination: Y



Code	2	1	3	4	6	7	8	9	5	10	11
X	.21 (5,3)	.21 (5,3)	.21 (5,3)	.125 (3,14)	.125 (3,14)	.125 (3,14)	.092 (2,34)	.092 (2,34)	.092 (2,34)	.72 (18,3)	.787 (20)
Ø d	.024 (0,60)	.030 (0,76)	.040 (1,02)	.024 (0,60)	.030 (0,76)	.040 (1,02)	.024 (0,60)	.030 (0,76)	.040 (1,02)	.024 (0,60)	.030 (0,76)

PCB 90° Right angle connector: Contact termination: Y

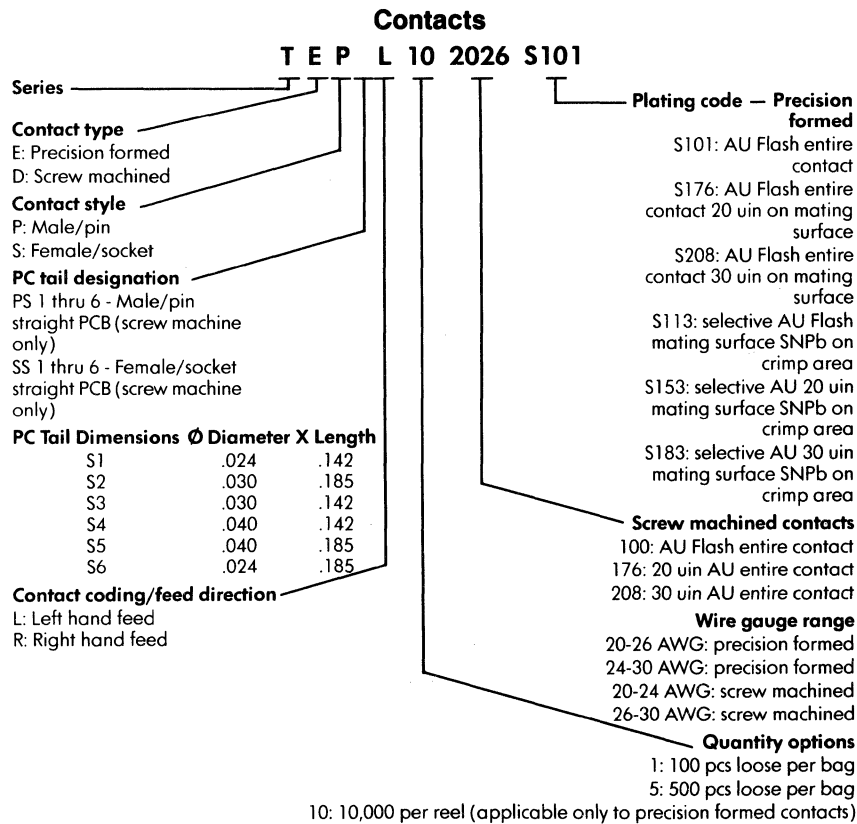
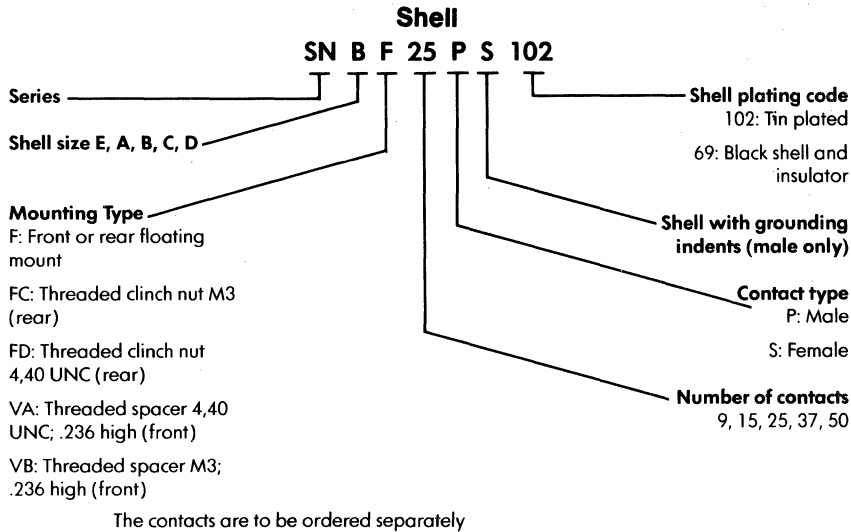


Code	4	5	6	2	1	3	7	8	10	11	9	12
X	283 (7,19)	283 (7,19)	283 (7,19)	37 (9,40)	37 (9,40)	37 (9,40)	454 (11,53)	454 (11,53)	454 (11,53)	545 (13,84)	545 (13,84)	545 (13,84)
Y	.142 (3,6)	.142 (3,6)	.142 (3,6)	.193 (4,9)	.193 (4,9)	.193 (4,9)	.142 (3,6)	.142 (3,6)	.142 (3,6)	.142 (3,6)	.142 (3,6)	.142 (3,6)
Ø d	.024 (0,60)	.030 (0,76)	.040 (1,02)	.024 (0,60)	.030 (0,76)	.040 (1,02)	.024 (0,60)	.030 (0,76)	.040 (1,02)	.024 (0,60)	.030 (0,76)	.040 (1,02)

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NTS03

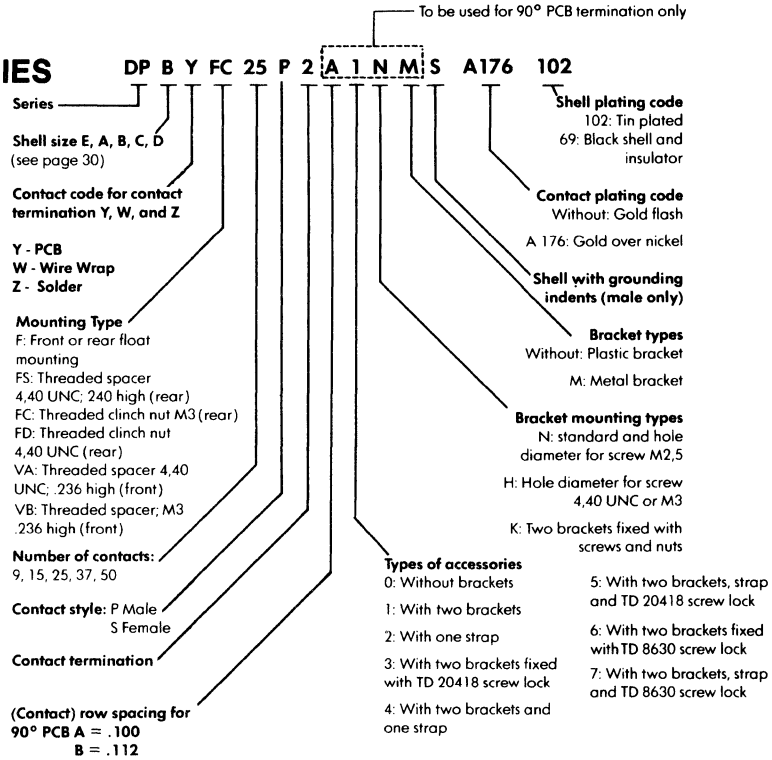
NORTHERN TECHNOLOGIES



MANUFACTURERS' ORDERING KEYS

NTS04

NORTHERN TECHNOLOGIES



Contact Termination

Wire wrap connector: Contact termination: W

Y	Code	Pin/Socket	Nb. of Wraps
365(9,28)	2	P	2
358(9,095)	2	S	2
49(12,45)	3	P	3
483(12,275)	3	S	3

PCB Straight connector: Contact termination: Y

Code	2	1	3	8	9
X	.169 (4,3)	.169 (4,3)	.169 (4,3)	.11 (2,8)	.11 (2,8)
Ø d	.024 (0,60)	.030 (0,76)	.040 (1,02)	.030 (0,76)	.040 (1,02)

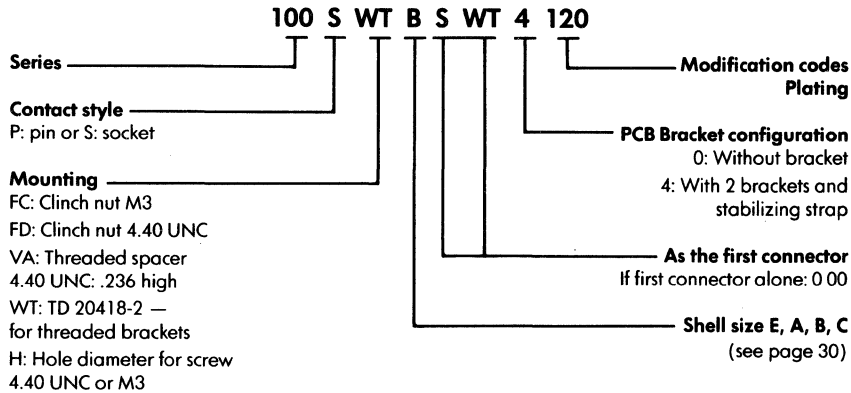
PCB 90° Right angle connector: Contact termination: Y

Foot print	Ø d	X	Code
283 (7,19)	.030 (0,76)	.11 (2,8)	4
	.040 (1,02)		1
37 (9,40)	.030 (0,76)	.169 (4,3)	8
	.040 (1,02)		14
	.025 (0,60)	.193 (4,9)	2

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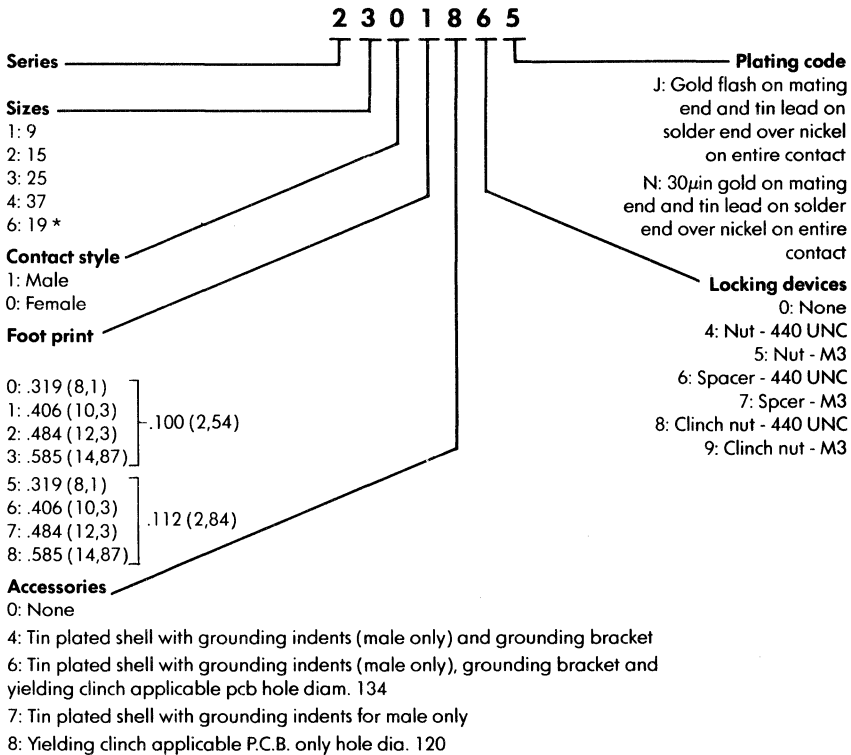
NTS05

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NTS06

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* .319 foot print available only. For other foot prints consult factory

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OR17af	7-585	OR20k	7-586	OR30a	7-590	8R4	7-304	20R10	7-331	28R10	7-358	29R62	7-394
OR17ag	7-585	OR20l	7-586	OR30b	7-590	9R1	7-303	20R11	7-336	28R11	7-358	29R63	7-394
OR17ah	7-585	OR20m	7-586	OR30c	7-590	10R1	7-301	20R12	7-334	28R12	7-359	29R64	7-394
OR17ai	7-585	OR20n	7-586	OR30d	7-590	10R2	7-307	20R13	7-335	28R13	7-359	29R65	7-395
OR17aj	7-585	OR20o	7-586	OR31	7-590	11R1	7-305	20R14	7-334	28R14	7-360	29R66	7-395
OR17ak	7-585	OR20p	7-586	OR31a	7-590	11R2	7-305	20R15	7-334	28R15	7-360	29R67	7-396
OR17al	7-585	OR21	7-587	OR32	7-591	11R3	7-305	20R16	7-338	28R16	7-361	31R1	7-397
OR17am	7-585	OR21a	7-587	OR32a	7-591	12R1	7-308	20R17	7-339	28R17	7-361	31R2	7-400
OR17an	7-585	OR21b	7-587	OR32b	7-591	12R2	7-308	20R18	7-339	29R1	7-362	31R3	7-397
OR17ao	7-585	OR21c	7-587	OR32c	7-591	12R3	7-307	20R19	7-330	29R2	7-362	31R4	7-397
OR17ap	7-585	OR21d	7-587	OR33	7-591	12R4	7-306	23R1	7-340	29R3	7-363	31R5	7-397
OR17aq	7-585	OR21e	7-587	OR33a	7-591	12R5	7-309	23R2	7-340	29R4	7-363	31R6	7-397
OR17ar	7-585	OR22	7-587	OR34	7-592	12R6	7-309	23R3	7-341	29R5	7-364	31R10	7-406
OR17as	7-585	OR22a	7-587	OR34a	7-592	14R1	7-310	23R3a	7-341	29R6	7-364	31R11	7-406
OR17at	7-585	OR22b	7-587	OR35	7-592	14R2	7-296	23R3b	7-341	29R7	7-365	34R1	7-355
OR17au	7-585	OR22c	7-587	OR35a	7-592	14R3	7-299	24R1	7-342	29R8	7-365	34R2	7-398
OR17av	7-585	OR22d	7-587	OR35b	7-592	14R4	7-347	24R2	7-342	29R9	7-366	34R3	7-398
OR17b	7-585	OR22e	7-587	OR35c	7-592	14R5	7-311	24R5	7-342	29R10	7-363	34R4	7-399
OR17c	7-585	OR22f	7-587	OR35d	7-592	14R6	7-312	24R6	7-346	29R11	7-366	34R5	7-400
OR17d	7-585	OR22g	7-587	OR35e	7-592	14R7	7-313	24R7	7-346	29R12	7-367	34R9	7-401
OR17e	7-585	OR22h	7-587	OR35f	7-592	14R8	7-314	24R8	7-343	29R13	7-367	34R10	7-401
OR17f	7-585	OR22j	7-587	OR35g	7-592	14R11	7-315	24R9	7-343	29R14	7-367	34R11	7-402
OR17g	7-585	OR22k	7-587	OR35h	7-592	14R12	7-315	24R10	7-343	29R15	7-367	34R12	7-403
OR17h	7-585	OR22l	7-587	OR36	7-593	14R13	7-316	24R11	7-344	29R16	7-368	34R13	7-402

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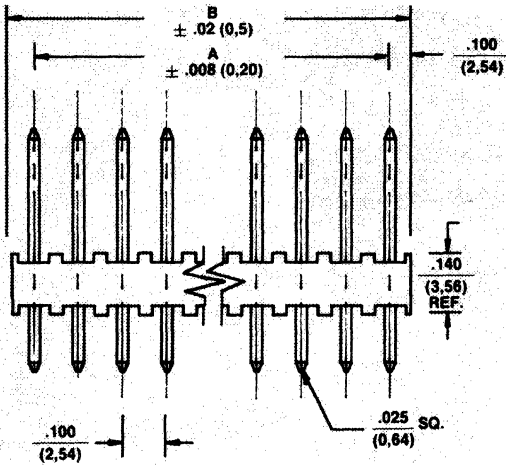
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34R15	7-405	42R4	7-437	56R10	7-473	65R5	7-493	70R25	7-520	97R7	7-546	120R12	7-566
34R16	7-404	42R5	7-448	56R11	7-474	65R6	7-496	70R26	7-521	97R8	7-547	120R13	7-566
36R1	7-406	42R6	7-437	56R12	7-474	65R7	7-497	70R27	7-521	97R8a	7-547	121R1	7-567
36R2	7-406	42R7	7-434	56R13	7-475	65R8	7-498	70R28	7-528	97R8b	7-547	121R2	7-568
36R3	7-438	44R1	7-438	56R14	7-476	65R9	7-495	71R1	7-522	97R9	7-546	121R3	7-568
36R4	7-438	44R2	7-439	56R15	7-475	65R10	7-495	71R2	7-522	97R11	7-548	121R4	7-569
36R5	7-406	44R3	7-440	56R16	7-477	65R11	7-498	71R3	7-523	97R12	7-549	121R5	7-570
36R6	7-407	44R4	7-440	56R17	7-478	65R12	7-499	71R4	7-523	97R13	7-548	121R6	7-569
37R1	7-434	44R5	7-441	62R1	7-478	65R13	7-499	71R5	7-524	97R14	7-549	121R7	7-570
37R4	7-434	44R6	7-442	62R2	7-478	65R14	7-499	71R6	7-524	98R1	7-550	121R8	7-570
37R5	7-408	44R7	7-441	62R3	7-479	65R15	7-501	71R7	7-525	99R1	7-537	121R9	7-570
37R6	7-408	44R8	7-443	62R4	7-479	65R15a	7-501	71R8	7-525	99R1a	7-537	121R10	7-571
38R1	7-409	44R9	7-444	62R5	7-479	65R15b	7-501	71R9	7-526	99R1b	7-537	121R11	7-571
38R1a	7-409	44R10	7-445	62R6	7-479	65R16	7-500	71R10	7-526	99R1c	7-537	121R12	7-572
38R1b	7-409	44R11	7-444	62R7	7-479	65R17	7-500	71R11	7-527	99R2	7-538	121R13	7-572
38R2	7-409	44R12	7-446	62R8	7-480	66R3	7-503	71R12	7-527	99R3	7-536	121R14	7-572
38R2a	7-409	44R13	7-446	62R9	7-480	66R6	7-504	71R13	7-528	102R1	7-556	121R15	7-573
38R2b	7-409	44R14	7-447	62R10	7-480	66R8	7-505	71R20	7-529	103R1	7-551	121R16	7-573
38R3	7-410	45R1	7-457	62R11	7-481	66R11	7-503	71R21	7-529	103R1a	7-551	121R17	7-573
38R4	7-410	45R2	7-467	62R12	7-481	66R12	7-503	71R22	7-530	103R1b	7-551	121R18	7-574
38R5	7-411	46R1	7-448	62R13	7-480	67R1	7-489	71R23	7-530	103R1c	7-551	121R19	7-574
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38R7	7-411	46R3	7-449	62R15	7-482	67R3a	7-520	71R25	7-531	103R1e	7-551	121R21	7-575
38R8	7-412	46R4	7-450	62R16	7-481	67R3b	7-520	72R1	7-532	103R1f	7-551	121R22	7-575
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38R10	7-412	46R6	7-451	62R18	7-480	67R5	7-505	78R1	7-532	103R6	7-550	121R24	7-576
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38R13	7-415	46R9	7-453	63R1	7-484	67R5c	7-505	79R3	7-533	104R3	7-558	121R27	7-577
38R14	7-415	46R10	7-453	63R2	7-484	68R1	7-506	79R6	7-533	107R1	7-557	121R28	7-557
38R15	7-416	46R11	7-452	63R3	7-484	68R2	7-506	79R9	7-533	107R2	7-557	121R29	7-504
38R16	7-416	46R12	7-454	63R4	7-484	68R3	7-483	80R1	7-534	107R3	7-549	999R2	7-595
38R17	7-417	46R13	7-454	63R5	7-485	68R4	7-483	81R1	7-532	109R1	7-552	999R4	7-595
38R18	7-417	46R14	7-455	63R6	7-485	68R5	7-507	84R3	7-535	109R2	7-552	999R6	7-595
38R19	7-420	46R15	7-455	63R7	7-485	69R1	7-508	85R8	7-539	109R3	7-552	999R8	7-596
38R20	7-420	46R16	7-456	63R8	7-485	69R1a	7-508	85R9	7-539	109R4	7-552	999R10	7-595
38R21	7-418	47R1	7-458	63R9	7-485	69R1b	7-508	85R10	7-539	109R5	7-552	999R11	7-598
38R22	7-418	47R2	7-459	63R10	7-485	69R2	7-507	86R1	7-534	112R1	7-553	999R13	7-596
38R23	7-421	47R3	7-460	63R11	7-485	69R2a	7-507	87R1	7-535	112R2	7-554	999R15	7-596
38R24	7-419	47R4	7-461	63R12	7-485	69R2b	7-507	87R2	7-501	113R1	7-555	999R17	7-596
38R25	7-419	47R5	7-457	63R13	7-486	69R3	7-509	87R3	7-535	113R2	7-555	999R19	7-597
38R26	7-422	47R6	7-462	63R14	7-486	69R4	7-508	87R4	7-535	113R3	7-555	999R21	7-597
38R27	7-408	47R7	7-463	63R15	7-486	69R5	7-502	87R5	7-536	116R1	7-556	999R23	7-597
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39R2	7-424	47R9	7-465	63R17	7-486	70R2	7-511	88R3	7-540	116R3	7-561	999R26	7-598
39R3	7-422	47R10	7-466	63R18	7-486	70R3	7-512	90R1	7-551	116R4	7-560	999R27	7-597
39R4	7-423	54R1	7-467	63R19	7-486	70R4	7-513	90R2	7-540	116R5	7-559	999R28	7-597
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39R9	7-427	55R7	7-469	64R1	7-489	70R9	7-514	96R4	7-542	118R3	7-558	999R33	7-599
39R10	7-428	55R8	7-469	64R2	7-488	70R10	7-515	96R5	7-542	120R1	7-563	999R34	7-600
41R2	7-429	55R9	7-468	64R3	7-490	70R11	7-515	96R6	7-542	120R2	7-552	0G01	7-604
41R3	7-430	56R1	7-470	64R4	7-490	70R12	7-514	96R7	7-542	120R3	7-563	0G02	7-601
41R4	7-431	56R2	7-470	64R5	7-490	70R13	7-516	97R1	7-543	120R4	7-564	0G03	7-601
41R5	7-432	56R3	7-470	64R6	7-488	70R14	7-516	97R2	7-543	120R5	7-564	0G04	7-601
41R6	7-432	56R4	7-477	64R7	7-491	70R15	7-517	97R3	7-544	120R6	7-565	92G1	7-602
41R7	7-433	56R5	7-471	64R8	7-492	70R16	7-517	97R4	7-544	120R7	7-565	92G2	7-602
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42R1	7-429	56R7	7-472	65R2	7-494	70R18	7-518	97R6	7-545	120R9	7-567	117G1	7-601
42R2	7-435	56R8	7-472	65R3	7-496	70R19	7-519	97R6a	7-545	120R10	7-566	117G2	7-601
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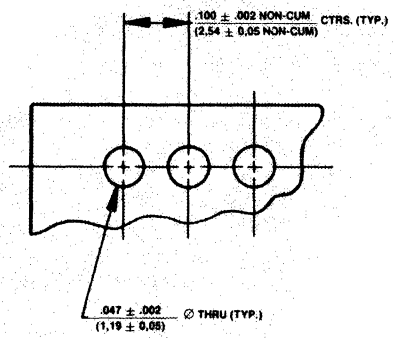
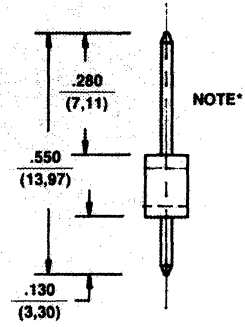
OUTLINE DRAWING SECTION

OUTLINE DRAWINGS

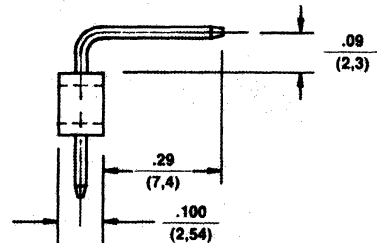
8H1



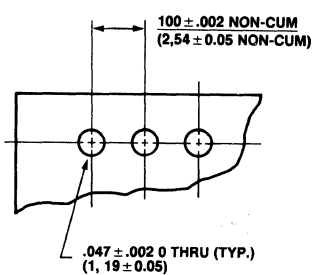
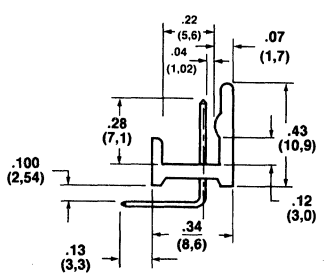
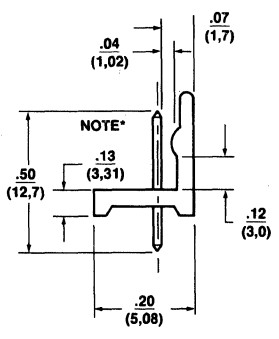
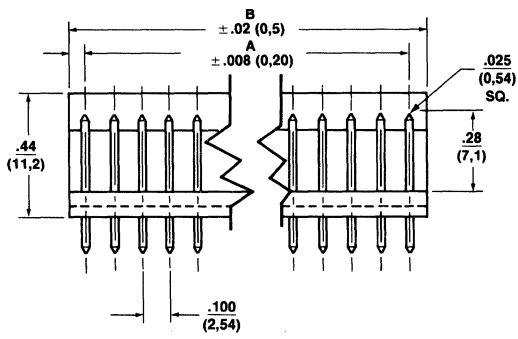
No. of Circuits	Dimension "A" Inches	Dimension "A" MM	Dimension "B" Inches	Dimension "B" MM
2	.100	(2,54)	.20	(5,1)
3	.200	(5,08)	.30	(7,6)
4	.300	(7,62)	.40	(10,2)
5	.400	(10,16)	.50	(12,7)
6	.500	(12,70)	.60	(15,2)
7	.600	(15,24)	.70	(17,8)
8	.700	(17,78)	.80	(20,3)
9	.800	(20,32)	.90	(22,9)
10	.900	(22,86)	1.00	(25,4)
11	1.000	(25,40)	1.10	(27,9)
12	1.100	(27,94)	1.20	(30,5)
13	1.200	(30,48)	1.30	(33,0)
14	1.300	(32,02)	1.40	(35,6)
15	1.400	(35,56)	1.50	(38,1)
16	1.500	(38,10)	1.60	(40,6)
17	1.600	(40,64)	1.70	(43,2)
18	1.700	(43,18)	1.80	(45,7)
19	1.800	(45,72)	1.90	(48,3)
20	1.900	(48,26)	2.00	(50,8)
21	2.000	(50,80)	2.10	(53,3)
22	2.100	(53,34)	2.20	(55,9)
23	2.200	(55,88)	2.30	(58,4)
24	2.300	(58,42)	2.40	(61,0)
25	2.400	(60,96)	2.50	(63,5)
26	2.500	(63,50)	2.60	(66,0)
27	2.600	(66,04)	2.70	(68,6)
28	2.700	(68,58)	2.80	(71,1)



RECOMMENDED HOLE PATTERN



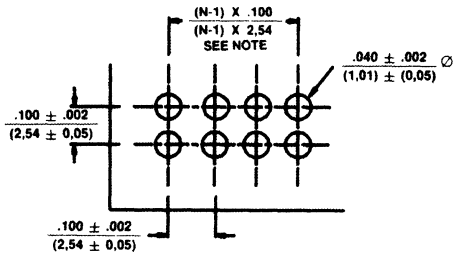
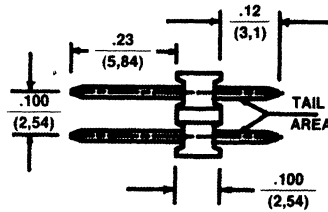
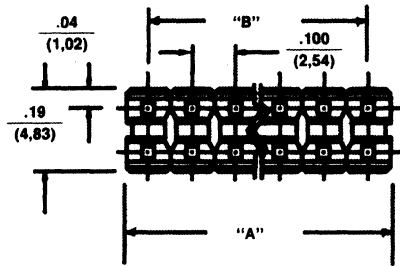
8H2



No. of Circuits	Dimension "B" Inches	Dimension "B" MM	Dimension "A" Inches	Dimension "A" MM
2	.200	(5,08)	.100	(2,54)
3	.300	(7,62)	.200	(5,08)
4	.400	(10,16)	.300	(7,62)
5	.500	(12,70)	.400	(10,16)
6	.600	(15,24)	.500	(12,70)
7	.700	(17,78)	.600	(15,24)
8	.800	(20,32)	.700	(17,78)
9	.900	(22,86)	.800	(20,32)
10	1.000	(25,40)	.900	(22,86)
11	1.100	(27,94)	1.000	(25,40)
12	1.200	(30,48)	1.100	(27,94)
13	1.300	(33,02)	1.200	(30,48)
14	1.400	(35,56)	1.300	(33,02)
15	1.500	(38,10)	1.400	(35,56)
16	1.600	(40,64)	1.500	(38,10)
17	1.700	(43,18)	1.600	(40,64)
18	1.800	(45,72)	1.700	(43,18)
19	1.900	(48,26)	1.800	(45,72)
20	2.000	(50,80)	1.900	(48,26)
21	2.100	(53,34)	2.000	(50,80)
22	2.200	(55,88)	2.100	(53,34)
23	2.300	(58,42)	2.200	(55,88)
24	2.400	(60,96)	2.300	(58,42)
25	2.500	(63,50)	2.400	(60,96)
26	2.600	(66,04)	2.500	(63,50)
27	2.700	(68,58)	2.600	(66,04)
28	2.800	(71,12)	2.700	(68,58)

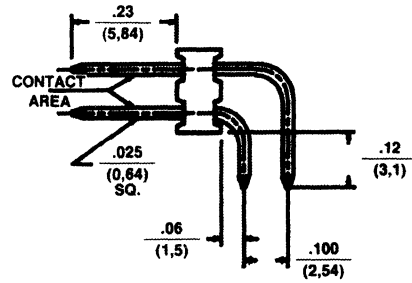
OUTLINE DRAWINGS

8H3



NOTE:
N = NO. OF CIRCUITS ÷ 2

RECOMMENDED HOLE PATTERN

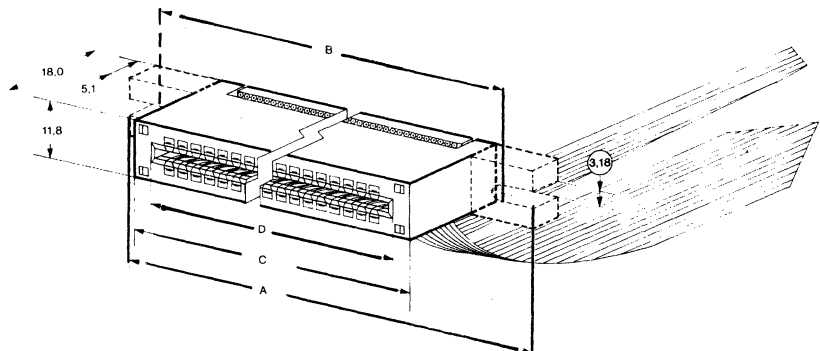


No. of Circuits	Dimension "A" Inches	Dimension "A" MM	Dimension "B" Inches	Dimension "B" MM
4	.200	(5,08)	.10	(2,5)
6	.300	(7,62)	.20	(5,0)
8	.400	(10,16)	.30	(7,6)
10	.500	(12,70)	.40	(10,1)
12	.600	(15,24)	.50	(12,7)
14	.700	(17,78)	.60	(15,2)
16	.800	(20,32)	.70	(17,7)
18	.900	(22,86)	.80	(20,3)
20	1.000	(25,40)	.90	(22,8)
22	1.100	(27,94)	1.00	(25,4)
24	1.200	(30,48)	1.10	(27,9)
26	1.300	(33,02)	1.20	(30,4)
28	1.400	(35,56)	1.30	(33,0)
30	1.500	(38,10)	1.40	(35,5)
32	1.600	(40,64)	1.50	(38,1)
34	1.700	(43,18)	1.60	(40,6)
36	1.800	(45,72)	1.70	(43,1)
38	1.900	(48,26)	1.80	(45,7)
40	2.000	(50,80)	1.90	(48,2)

79H10

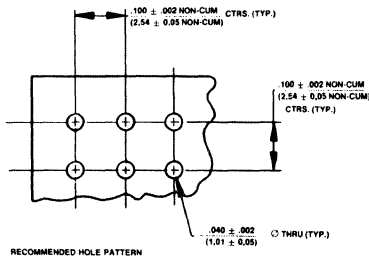
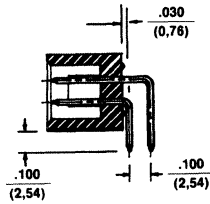
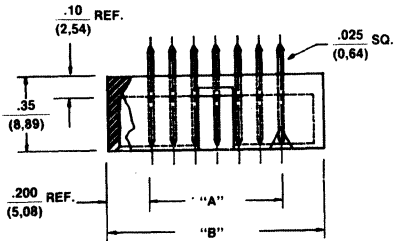
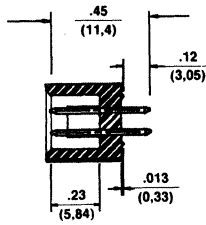
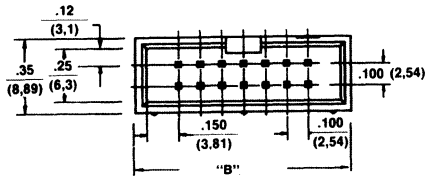
for flatcables AWG 28, Pitch 1.27 mm

Polzahl No. of ways	A	B	C	D
10	38,1	33,0	24,4	15,24
14	43,2	38,1	29,5	20,32
18	45,7	40,6	32,0	22,86
20	50,8	45,7	37,1	27,94
26	58,4	53,34	44,7	35,56
34	68,8	63,5	54,9	45,72
40	76,2	71,12	62,5	53,34
50	88,9	83,8	75,2	66,04
60	101,8	96,5	87,9	78,74



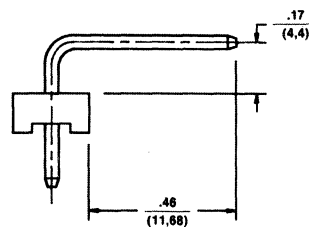
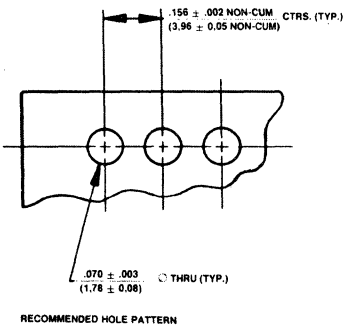
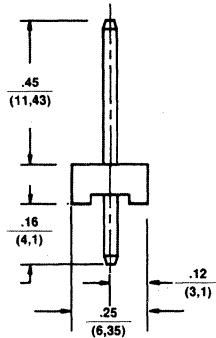
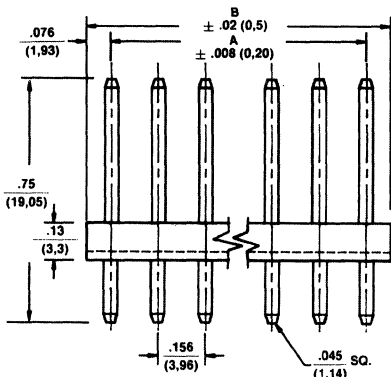
OUTLINE DRAWINGS

8H4



Numer of Circuits	Dimensions	
	Dim. "B"	Dim. "A"
10	.800 (20,32)	.400 (10,15)
14	1.000 (25,40)	.600 (15,24)
16	1.100 (27,94)	.700 (17,78)
20	1.300 (33,02)	.900 (22,86)
26	1.600 (40,64)	1.200 (30,48)
34	2.000 (50,80)	1.600 (40,64)
40	2.300 (58,42)	1.900 (48,26)
44	2.500 (63,50)	2.100 (53,34)
50	2.800 (71,12)	2.400 (60,96)
56	3.100 (78,74)	2.700 (68,58)
60	3.300 (83,82)	2.900 (73,66)

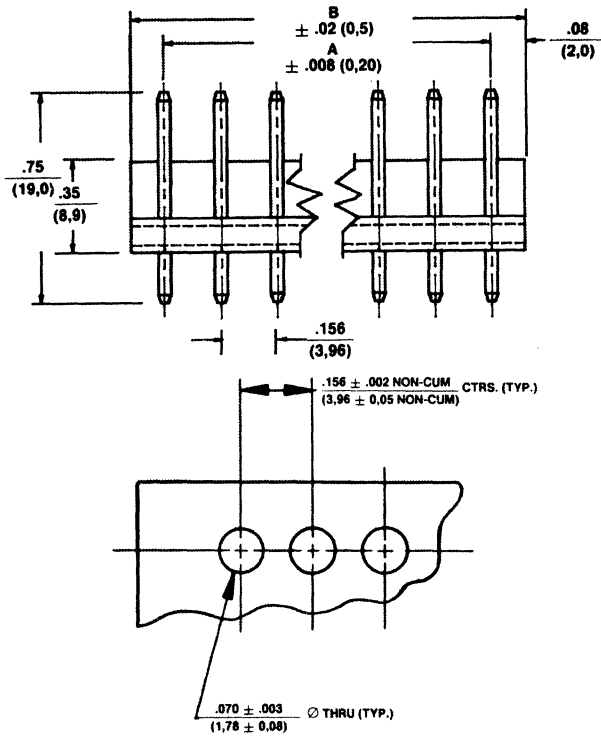
8H



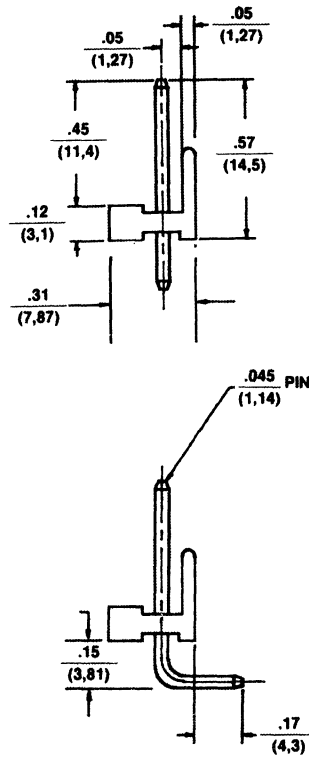
No. of Circuits	Dimension "A"		Dimension "B"	
	Inches	MM	Inches	MM
2	.156	(3,96)	.32	(8,1)
3	.312	(7,92)	.47	(11,9)
4	.468	(11,89)	.63	(16,0)
5	.624	(15,85)	.78	(19,8)
6	.780	(19,81)	.94	(23,9)
7	.936	(23,77)	1.10	(27,9)
8	1.092	(27,74)	1.25	(31,8)
9	1.248	(31,70)	1.41	(35,8)
10	1.404	(35,66)	1.56	(39,6)
11	1.560	(39,60)	1.72	(43,7)
12	1.716	(43,59)	1.88	(47,8)
13	1.872	(47,55)	2.03	(51,6)
14	2.028	(51,51)	2.19	(55,6)
15	2.184	(55,47)	2.34	(59,4)
16	2.340	(59,44)	2.50	(63,5)
17	2.496	(63,40)	2.66	(67,6)
18	2.652	(67,36)	2.81	(71,4)
19	2.808	(71,32)	2.97	(75,4)
20	2.964	(75,29)	3.12	(79,3)
21	3.120	(79,25)	3.28	(83,3)
22	3.276	(83,21)	3.44	(87,4)
23	3.432	(87,17)	3.59	(91,2)
24	3.588	(91,14)	3.75	(95,3)

OUTLINE DRAWINGS

8H6

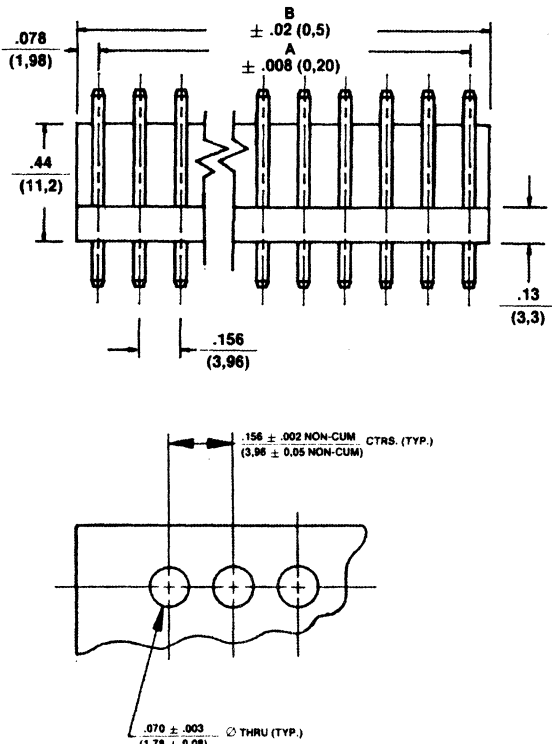


RECOMMENDED HOLE PATTERN

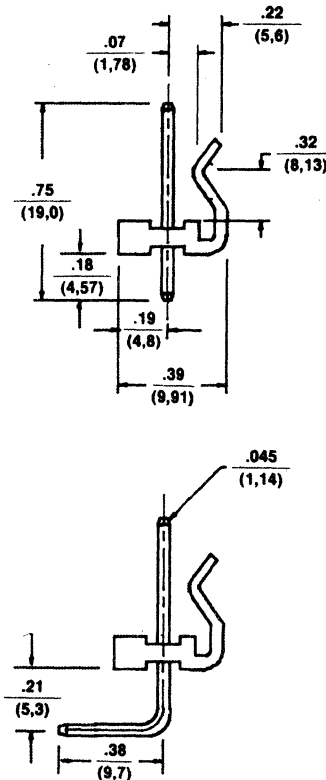


No. of Circuits	Dimension "A"		Dimension "B"	
	Inches	MM	Inches	MM
2	.156	(3,96)	.32	(8,1)
3	.312	(7,92)	.47	(11,9)
4	.468	(11,89)	.63	(16,0)
5	.624	(15,85)	.78	(19,8)
6	.780	(19,81)	.94	(23,9)
7	.936	(23,77)	1.10	(27,9)
8	1.092	(27,74)	1.25	(31,8)
9	1.248	(31,70)	1.41	(35,8)
10	1.404	(35,66)	1.56	(39,6)
11	1.560	(39,60)	1.72	(43,7)
12	1.716	(43,59)	1.88	(47,8)
13	1.872	(47,55)	2.03	(51,6)
14	2.028	(51,51)	2.19	(55,6)
15	2.184	(55,47)	2.34	(59,4)
16	2.340	(59,44)	2.50	(63,5)
17	2.496	(63,40)	2.66	(67,6)
18	2.652	(67,36)	2.81	(71,4)
19	2.808	(71,32)	2.97	(75,4)
20	2.964	(75,29)	3.12	(79,3)
21	3.120	(79,25)	3.28	(83,3)
22	3.276	(83,21)	3.44	(87,4)
23	3.432	(87,17)	3.59	(91,2)
24	3.588	(91,14)	3.75	(95,3)

8H7



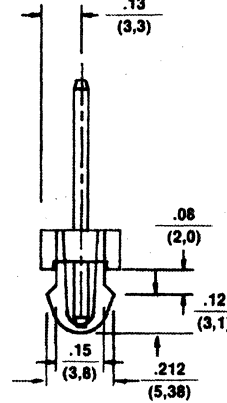
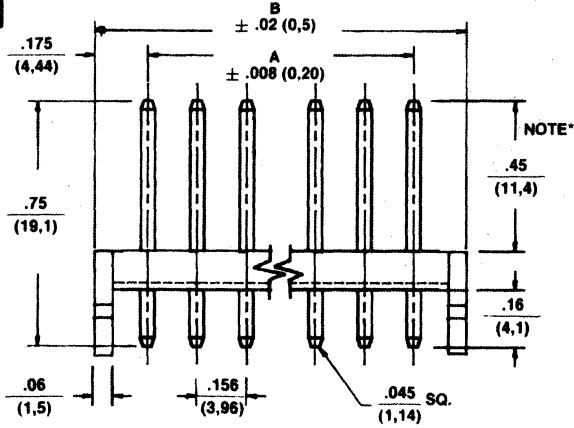
RECOMMENDED HOLE PATTERN



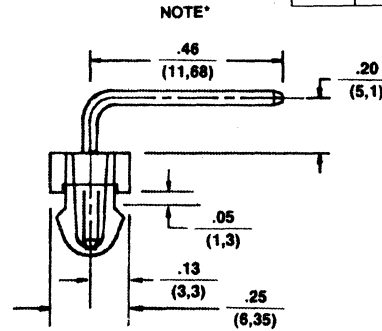
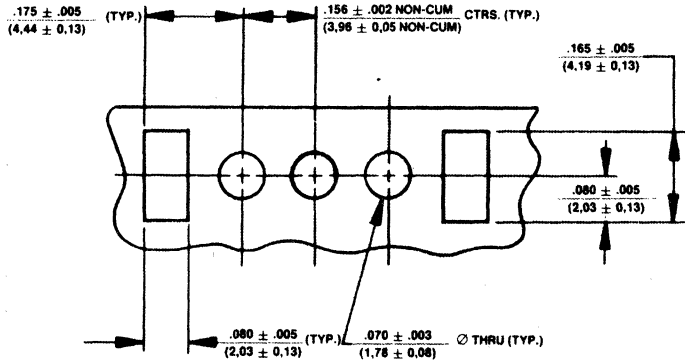
No. of Circuits	Dimension "A"		Dimension "B"	
	Inches	MM	Inches	MM
2	.156	(3,96)	.32	(8,1)
3	.312	(7,92)	.47	(11,9)
4	.468	(11,89)	.63	(16,0)
5	.624	(15,85)	.78	(19,8)
6	.780	(19,81)	.94	(23,9)
7	.936	(23,77)	1.10	(27,9)
8	1.092	(27,74)	1.25	(31,8)
9	1.248	(31,70)	1.41	(35,8)
10	1.404	(35,66)	1.56	(39,6)
11	1.560	(39,60)	1.72	(43,7)
12	1.716	(43,59)	1.88	(47,8)
13	1.872	(47,55)	2.03	(51,6)
14	2.028	(51,51)	2.19	(55,6)
15	2.184	(55,47)	2.34	(59,4)
16	2.340	(59,44)	2.50	(63,5)
17	2.496	(63,40)	2.66	(67,6)
18	2.652	(67,36)	2.81	(71,4)
19	2.808	(71,32)	2.97	(75,4)
20	2.964	(75,29)	3.12	(79,3)
21	3.120	(79,25)	3.28	(83,3)
22	3.276	(83,21)	3.44	(87,4)
23	3.432	(87,17)	3.59	(91,2)
24	3.588	(91,14)	3.75	(95,3)

OUTLINE DRAWINGS

8H8

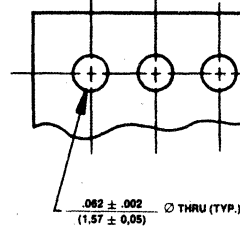
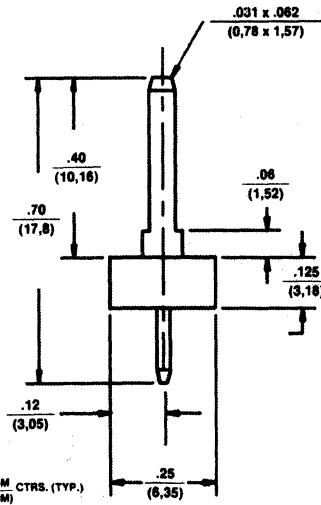
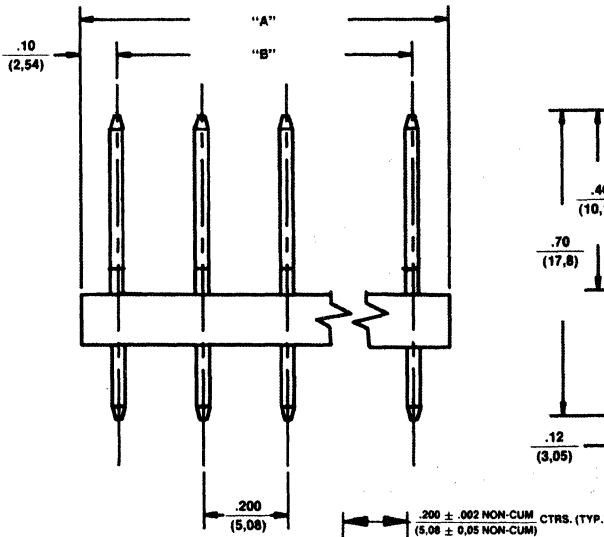


No. of Circuits	Dimension "A" Inches	Dimension "A" MM	Dimension "B" Inches	Dimension "B" MM
2	.156 (3,96)		.49 (12,5)	
3	.312 (7,92)		.65 (16,5)	
4	.468 (11,89)		.80 (20,3)	
5	.624 (15,85)		.96 (24,4)	
6	.780 (19,81)	1.12 (28,5)		
7	.936 (23,77)	1.27 (32,3)		
8	1.092 (27,74)	1.43 (36,3)		
9	1.248 (31,70)	1.58 (40,1)		
10	1.404 (35,66)	1.74 (44,2)		
11	1.560 (39,62)	1.90 (48,3)		
12	1.716 (43,59)	2.05 (52,1)		
13	1.872 (47,55)	2.21 (56,1)		
14	2.028 (51,51)	2.36 (59,9)		
15	2.184 (55,47)	2.52 (64,0)		
16	2.340 (59,44)	2.68 (68,1)		
17	2.496 (63,40)	2.83 (71,9)		
18	2.652 (67,36)	2.99 (76,0)		
19	2.808 (71,32)	3.14 (79,8)		
20	2.964 (75,29)	3.30 (83,8)		
21	3.120 (79,25)	3.46 (87,9)		
22	3.276 (83,21)	3.61 (91,7)		
23	3.432 (87,17)	3.77 (95,6)		
24	3.588 (91,14)	3.92 (99,6)		



RECOMMENDED HOLE PATTERN

8H9

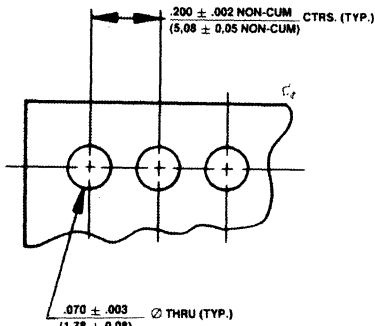
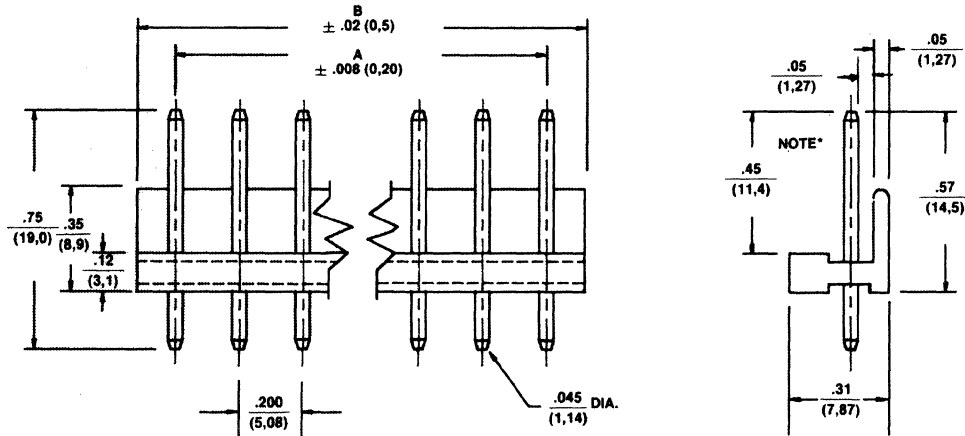


RECOMMENDED HOLE PATTERN

No. of Circuits	Dimension "B" ± .002 (0,20) Inches	Dimension "B" ± .02 (0,5) MM	Dimension "A" ± .02 (0,5) Inches	Dimension "A" ± .02 (0,5) MM
2	.200 (5,08)		.38 (9,7)	
3	.400 (10,16)		.58 (14,7)	
4	.600 (15,24)		.78 (19,8)	
5	.800 (20,32)		.98 (24,9)	
6	1.000 (25,40)	1.18 (30,0)		
7	1.200 (30,48)	1.38 (35,1)		
8	1.400 (35,56)	1.58 (40,1)		
9	1.600 (40,64)	1.78 (45,2)		
10	1.800 (45,72)	1.98 (50,3)		
11	2.000 (50,80)	2.18 (55,4)		
12	2.200 (55,88)	2.38 (60,5)		
13	2.400 (60,96)	2.58 (65,5)		
14	2.600 (66,04)	2.78 (70,6)		
15	2.800 (71,12)	2.98 (75,7)		
16	3.000 (76,20)	3.18 (80,8)		
17	3.200 (81,28)	3.38 (85,9)		
18	3.400 (86,36)	3.58 (90,9)		
19	3.600 (91,44)	3.78 (96,0)		
20	3.800 (96,52)	3.98 (101,1)		
21	4.000 (101,60)	4.18 (106,2)		
22	4.200 (106,68)	4.38 (111,3)		
23	4.400 (111,76)	4.58 (116,3)		
24	4.600 (116,84)	4.78 (121,4)		

OUTLINE DRAWINGS

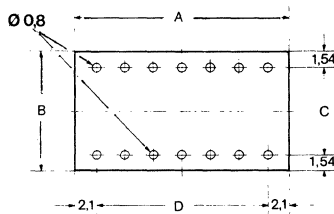
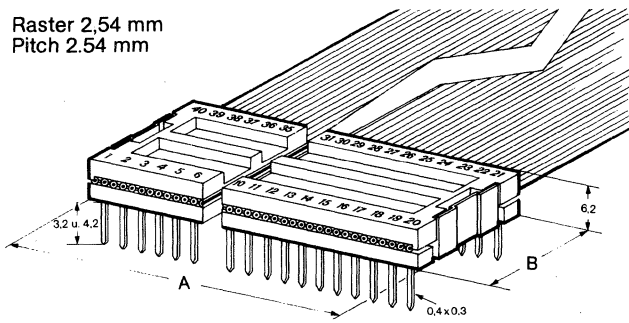
8H10



No. of Circuits	Dimension "A" Inches	Dimension "A" MM	Dimension "B" Inches	Dimension "B" MM
2	.200	(5,08)	.40	(10,2)
3	.400	(10,16)	.80	(15,2)
4	.600	(15,24)	.80	(20,3)
5	.800	(20,32)	1.00	(25,4)
6	1.000	(25,40)	1.20	(30,5)
7	1.200	(30,48)	1.40	(35,6)
8	1.400	(35,56)	1.60	(40,6)
9	1.600	(40,64)	1.60	(45,7)
10	1.800	(45,72)	2.00	(50,8)
11	2.000	(50,80)	2.20	(55,9)
12	2.200	(55,88)	2.40	(61,0)
13	2.400	(60,96)	2.60	(66,0)
14	2.600	(66,04)	2.80	(71,1)
15	2.800	(71,12)	3.00	(76,2)
16	3.000	(76,20)	3.20	(81,3)
17	3.200	(81,28)	3.40	(86,4)
18	3.400	(86,36)	3.60	(91,4)
19	3.600	(91,44)	3.80	(96,5)
20	3.800	(96,52)	4.00	(101,6)
21	4.000	(101,60)	4.20	(106,7)
22	4.200	(106,68)	4.40	(111,8)
23	4.400	(111,76)	4.60	(116,8)
24	4.600	(116,84)	4.80	(121,9)

79H7

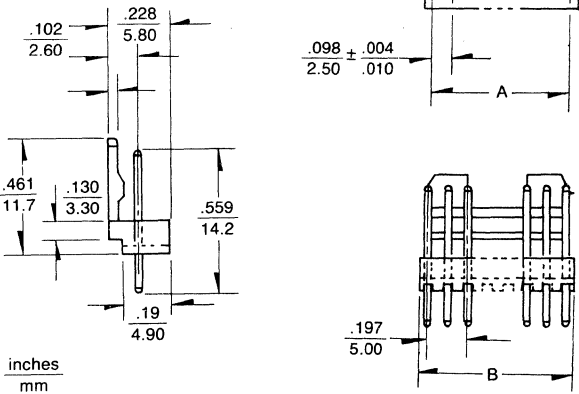
Raster 2,54 mm
Pitch 2,54 mm



Poizahl No. of contacts	Abmessungen Dimensions			
	A	B	C	D
8	11,7	10,7	7,62	7,62
8	11,7	10,7	7,62	7,62
8	11,7	10,7	7,62	7,62
8	11,7	10,7	7,62	7,62
14	19,4	10,7	7,62	15,24
14	19,4	10,7	7,62	15,24
14	19,4	10,7	7,62	15,24
14	19,4	10,7	7,62	15,24
16	22,0	10,7	7,62	17,78
16	22,0	10,7	7,62	17,78
16	22,0	10,7	7,62	17,78
16	22,0	10,7	7,62	17,78
16	22,0	10,7	7,62	17,78
24	32,1	18,3	15,24	27,94
24	32,1	18,3	15,24	27,94
24	32,1	18,3	15,24	27,94
24	32,1	18,3	15,24	27,94
40	52,4	18,3	15,24	48,26
40	52,4	18,3	15,24	48,26
40	52,4	18,3	15,24	48,26
40	52,4	18,3	15,24	48,26

OUTLINE DRAWINGS

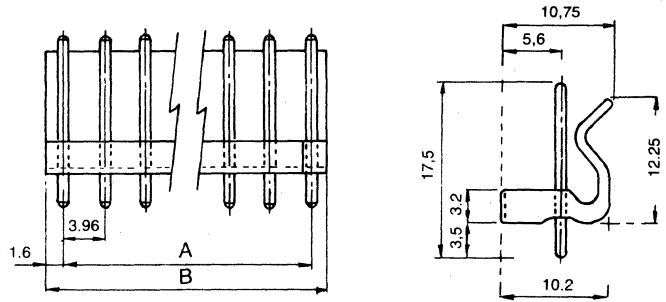
9H2



Circuit	A ± 0.2		B ± 0.2	
	mm	inches	mm	inches
2	2.5	.098	5.0	.157
3	5.0	.197	7.5	.295
4	7.5	.295	10.5	.394
5	10.0	.394	13.0	.491
6	12.5	.492	15.5	.591
7	15.0	.591	18.0	.689
8	17.5	.689	20.5	.787
9	20.0	.787	23.0	.886
10	22.5	.886	25.5	.984
11	25.0	.984	28.0	1.102

Circuit	A ± 0.2		B ± 0.2	
	mm	inches	mm	inches
12	27.5	1.082	30.5	1.181
13	30.0	1.181	33.0	1.280
14	32.5	1.280	35.5	1.358
15	35.0	1.378	38.0	1.476
16	37.5	1.476	40.5	1.555
17	40.0	1.575	43.0	1.673
18	42.5	1.673	45.5	1.772
19	45.0	1.772	48.0	1.870
20	47.5	1.870	50.5	1.969

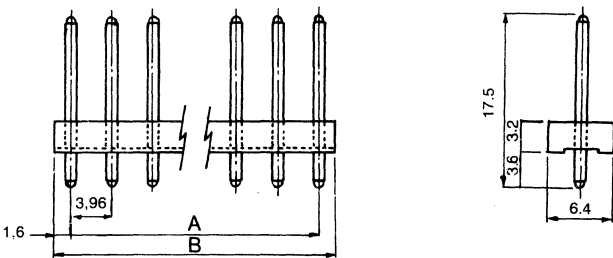
9H3



NO.	Dim A	Dim B
-2	3.96	7.32
-3	7.92	22.28
-4	11.88	15.24
-5	15.84	19.20
-6	19.80	23.17
-7	23.76	27.13
-8	27.72	31.09

NO.	Dim A	Dim B
-9	31.68	35.05
-10	35.64	39.01
-11	39.60	42.98
-12	43.56	46.94
-20	75.24	78.62

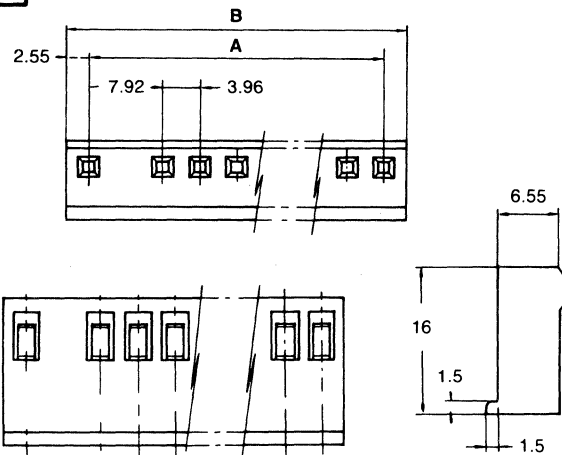
9H4



NO.	Dim A	Dim B
-2	3.96	7.32
-3	7.92	11.28
-4	11.88	15.24
-5	15.84	19.20
-6	19.80	23.17
-7	23.76	27.13
-8	27.72	31.09
-9	31.68	35.05
-10	35.64	39.01
-11	39.60	42.98

NO.	Dim A	Dim B
-12	43.56	46.94
-13	47.52	50.90
-14	51.48	54.86
-15	55.44	58.82
-16	59.40	62.78
-17	63.36	66.74
-18	67.32	70.70
-19	71.28	74.66
-20	75.24	78.62

9H5

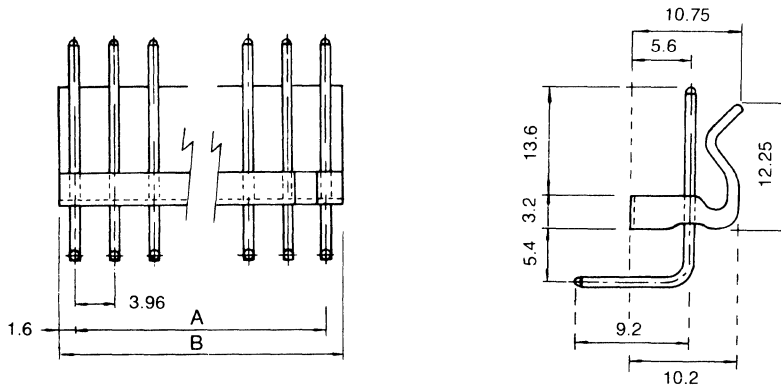


No.	Dim. A
2	8.30 ± 0.4
3	12.26 ± 0.4
4	16.22 ± 0.4
5	20.18 ± 0.4
6	24.14 ± 0.4
7	28.10 ± 0.4
8	32.06 ± 0.4
9	36.02 ± 0.4
10	39.98 ± 0.4
11	43.94 ± 0.4

No.	Dim. A
12	47.90 ± 0.04
13	51.86 ± 0.04
14	55.82 ± 0.04
15	59.78 ± 0.04
16	63.74 ± 0.04
17	67.70 ± 0.04
18	71.66 ± 0.04
19	75.62 ± 0.04
20	79.58 ± 0.04

OUTLINE DRAWINGS

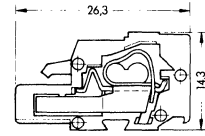
9H6



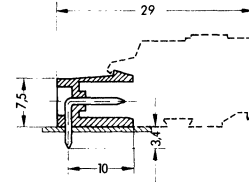
No.	A	B
2	3.96	7.32
3	7.92	11.28
4	11.88	15.24
5	15.84	19.20
6	19.80	23.17
7	23.76	27.13
8	31.09	27.72

No.	A	B
9	31.68	35.05
10	35.64	39.01
11	39.60	42.98
12	43.56	46.94
20	75.24	78.62

13H1

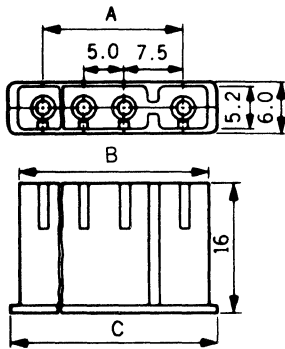


13H2



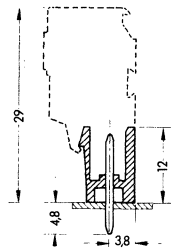
17H20

A = 2.5x (n-1) n = no. of contacts



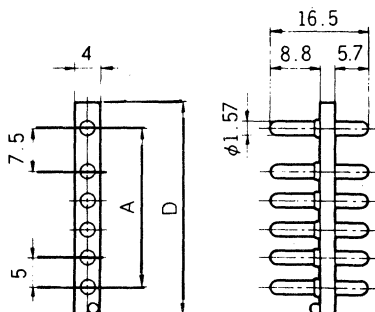
No. Posi	Dimensions			
	A	B	C	D
1	—	6.0	9.0	φ6.0
2	7.5	13.5	16.5	16.5
3	12.5	18.5	21.5	21.5
4	17.5	23.5	26.5	26.5
5	22.5	28.5	31.5	31.5
6	27.5	33.5	36.5	36.5

13H3



17H21

A = 2.5x (n-1) n = no. of contacts

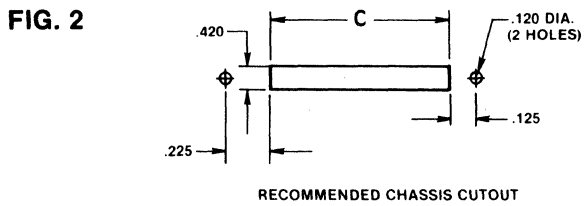
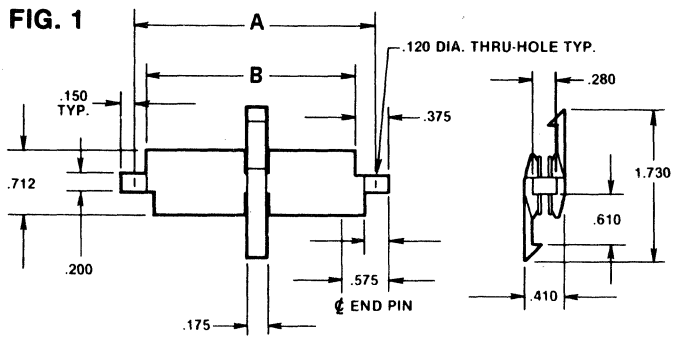


No. Posi	Dimensions			
	A	B	C	D
1	—	6.0	9.0	φ6.0
2	7.5	13.5	16.5	16.5
3	12.5	18.5	21.5	21.5
4	17.5	23.5	26.5	26.5
5	22.5	28.5	31.5	31.5
6	27.5	33.5	36.5	36.5

OUTLINE DRAWINGS

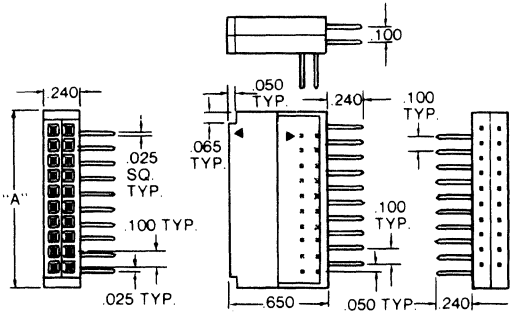
11H1

NO. OF PINS	A	B	C
20	1.650	1.300	1.300
26	1.950	1.600	1.600
34	2.350	2.000	2.000
40	2.650	2.300	2.300
50	3.150	2.800	2.800

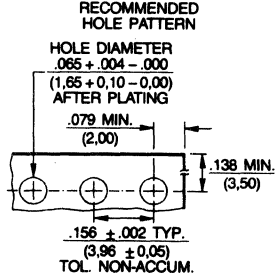
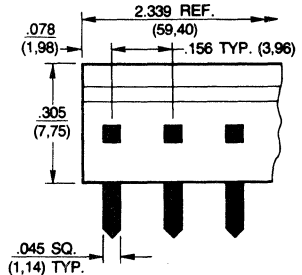
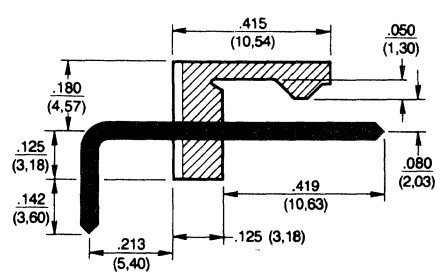


11H2

NO. OF CONTACTS	"A" DIM.
20	1.160
26	1.460
34	1.860
40	2.160
50	2.660

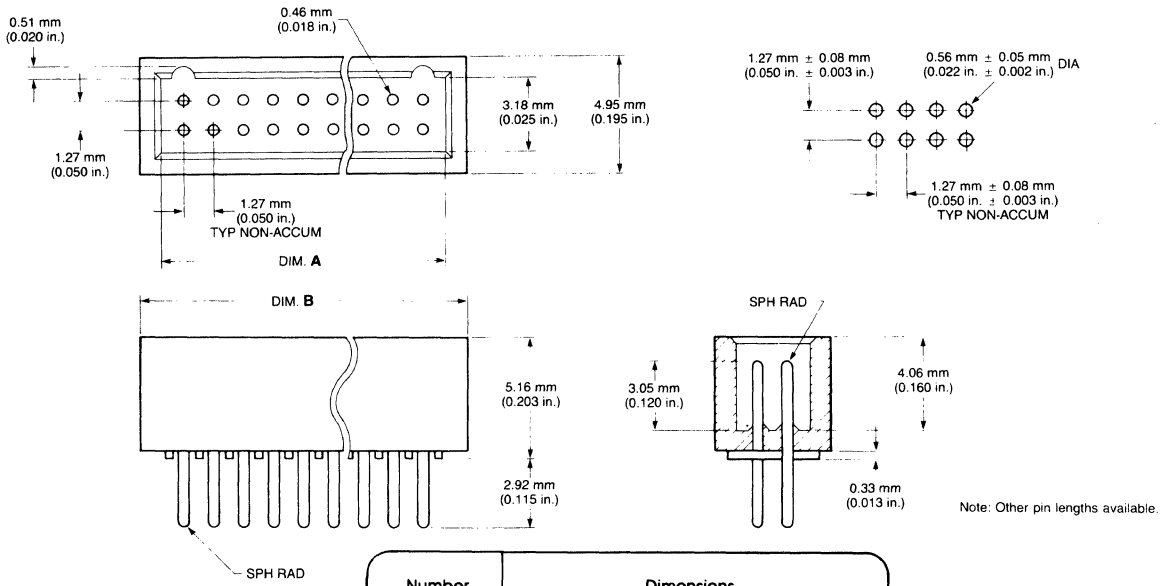


93H16



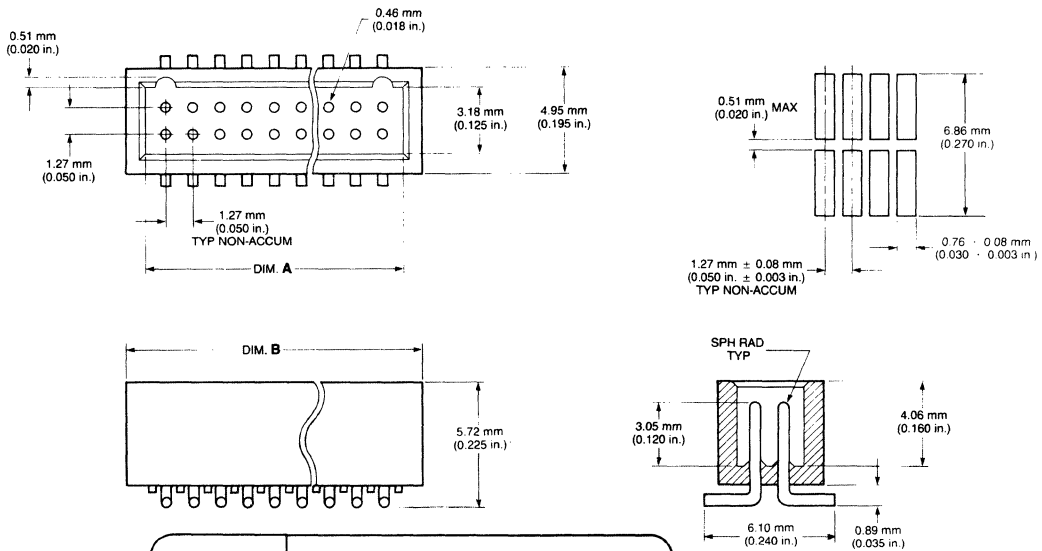
OUTLINE DRAWINGS

12H1



Number of Positions	Dimensions			
	A		B	
	mm	in.	mm	in.
2 x 5	6.93	0.273	8.71	0.343
2 x 10	13.28	0.523	15.06	0.593
2 x 15	19.63	0.773	21.41	0.843
2 x 20	25.98	1.023	27.76	1.093
2 x 25	32.33	1.273	34.11	1.343
2 x 30	38.68	1.523	40.46	1.593
2 x 35	45.03	1.773	46.81	1.843
2 x 40	51.38	2.023	53.16	2.093
2 x 45	57.73	2.273	59.51	2.343
2 x 50	64.08	2.523	65.86	2.593

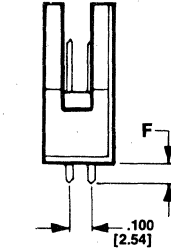
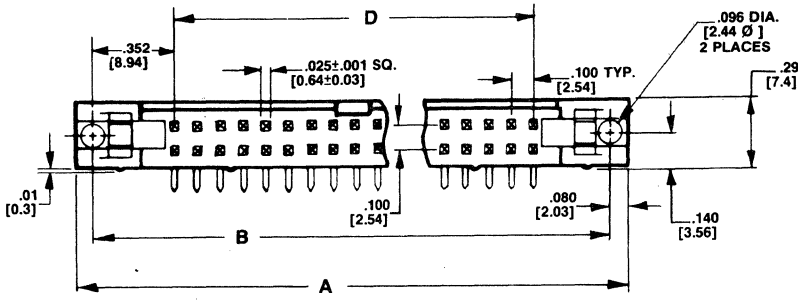
12H2



Number of Positions	Dimensions			
	A		B	
	mm	in.	mm	in.
2 x 5	6.93	0.273	8.71	0.343
2 x 10	13.28	0.523	15.06	0.593
2 x 15	19.63	0.773	21.41	0.843
2 x 20	25.98	1.023	27.76	1.093
2 x 25	32.33	1.273	34.11	1.343
2 x 30	38.68	1.523	40.46	1.593
2 x 35	45.03	1.773	46.81	1.843
2 x 40	51.38	2.023	53.16	2.093
2 x 45	57.73	2.273	59.51	2.343
2 x 50	64.08	2.523	65.86	2.593

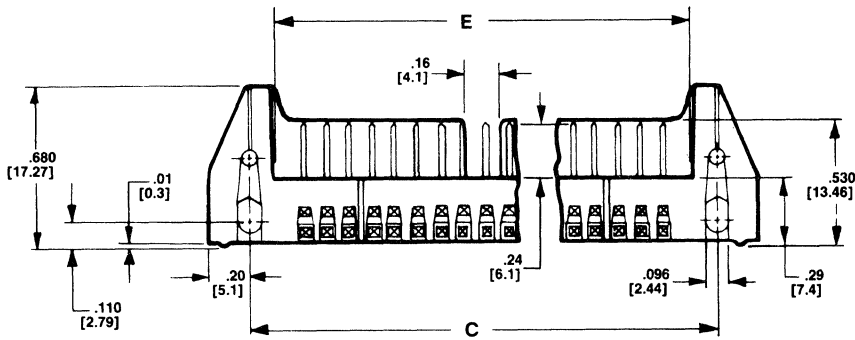
OUTLINE DRAWINGS

14H1



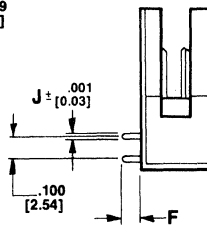
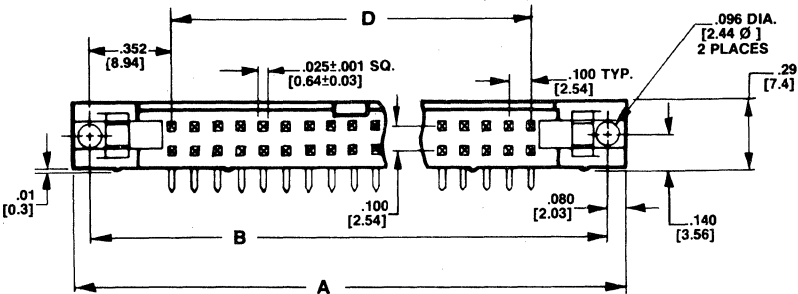
STRAIGHT PINS

PIN LENGTHS	
F ± .020 (0.51)	
.112 (2.84)	
.175 (4.44)	
.610 (15.49)	



NO. OF CONTACTS	A	B	C	D	E
10	1.26 (32.0)	1.104 (28.04)	.864 (21.95)	.400 (10.16)	.680 (17.27)
16	1.56 (39.6)	1.404 (35.66)	1.164 (29.57)	.700 (17.78)	.980 (24.89)
20	1.76 (44.7)	1.604 (40.74)	1.364 (34.65)	.900 (22.86)	1.180 (29.97)
26	2.06 (52.3)	1.904 (48.36)	1.664 (42.27)	1.200 (30.48)	1.480 (37.59)
34	2.46 (62.5)	2.304 (58.52)	2.064 (52.43)	1.600 (40.64)	1.880 (47.75)
40	2.76 (70.1)	2.604 (66.14)	2.364 (60.05)	1.900 (48.26)	2.180 (55.37)
50	3.26 (82.8)	3.104 (78.84)	2.864 (72.75)	2.400 (60.96)	2.680 (68.07)
60	3.76 (95.5)	3.604 (91.54)	3.364 (85.45)	2.900 (73.66)	3.180 (80.77)

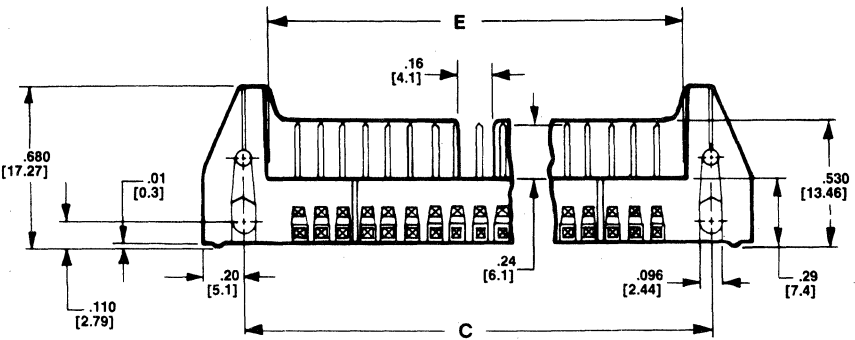
14H2



RIGHT ANGLE PINS

LEAD LENGTH	
F ± .020 (0.51)	
.112 (2.84)	
.175 (4.44)	
.610 (15.49)	

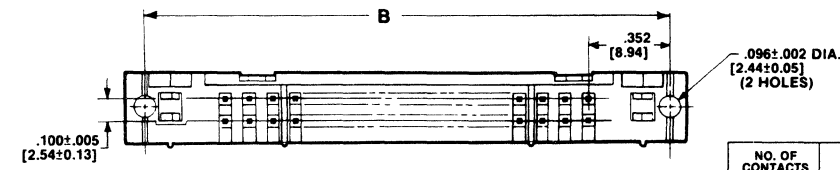
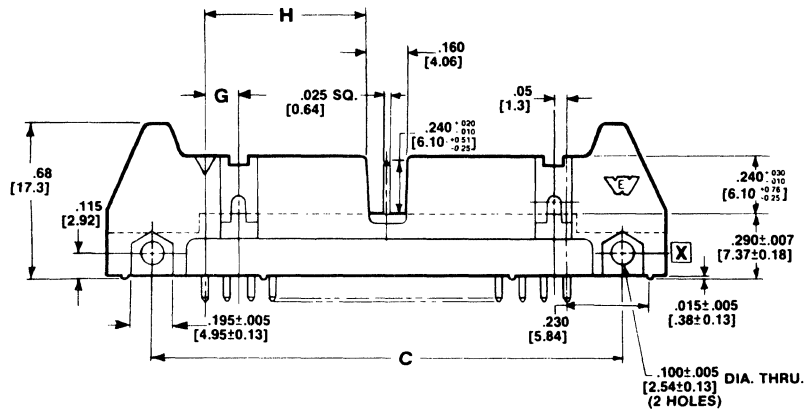
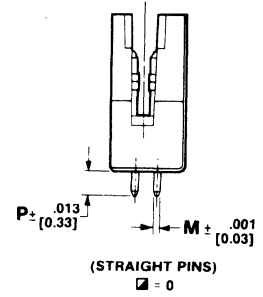
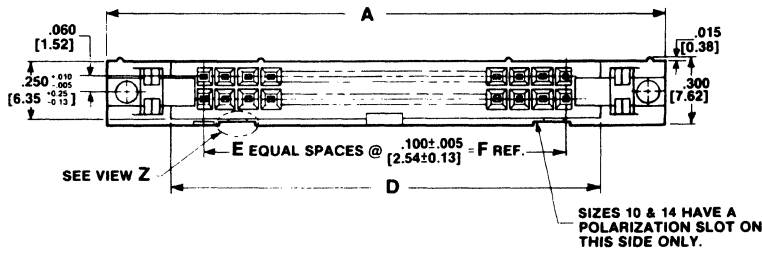
PIN DIAMETER	
J ± .001 (0.03)	
.025 SQ. (0.64)	
.028 DIA. (0.71)	
.025 SQ. (0.64)	
.028 DIA. (0.71)	
.025 SQ. (0.64)	



NO. OF CONTACTS	A	B	C	D	E
10	1.26 (32.0)	1.104 (28.04)	.864 (21.95)	.400 (10.16)	.680 (17.27)
16	1.56 (39.6)	1.404 (35.66)	1.164 (29.57)	.700 (17.78)	.980 (24.89)
20	1.76 (44.7)	1.604 (40.74)	1.364 (34.65)	.900 (22.86)	1.180 (29.97)
26	2.06 (52.3)	1.904 (48.36)	1.664 (42.27)	1.200 (30.48)	1.480 (37.59)
34	2.46 (62.5)	2.304 (58.52)	2.064 (52.43)	1.600 (40.64)	1.880 (47.75)
40	2.76 (70.1)	2.604 (66.14)	2.364 (60.05)	1.900 (48.26)	2.180 (55.37)
50	3.26 (82.8)	3.104 (78.84)	2.864 (72.75)	2.400 (60.96)	2.680 (68.07)
60	3.76 (95.5)	3.604 (91.54)	3.364 (85.45)	2.900 (73.66)	3.180 (80.77)

OUTLINE DRAWINGS

14H3

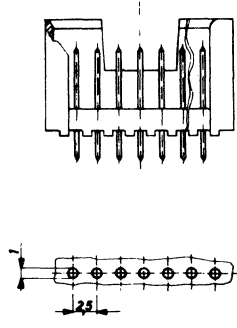


PIN DIAMETERS

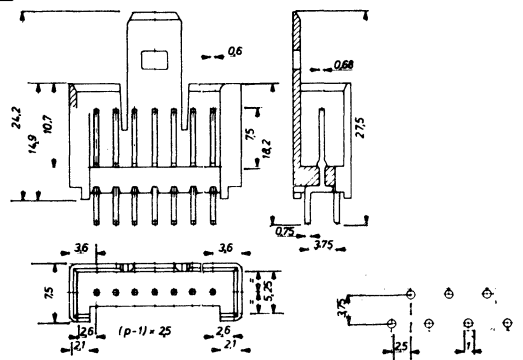
M ± .001 (0.03)	P ± .013 (0.33)
.025 DIA. (0.64)	.610 (15.49)
.025 SQ. (0.64)	.103 (2.62)
.025 SQ. (0.64)	.165 (4.19)
.028 DIA. (0.71)	.103 (2.62)
.028 DIA. (0.71)	.165 (4.19)

NO. OF CONTACTS	A	B	C	D	E	F	G	H
-10-	1.26 (32.0)	1.10 (27.9)	.860 (21.84)	.705 (17.91)	4	.400 (10.16)	NOT AVAILABLE	NOT AVAILABLE
-14-	1.46 (37.1)	1.30 (33.0)	1.080 (26.92)	.905 (22.99)	6	.600 (15.24)	NOT AVAILABLE	.22 (5.6)
-16-	1.56 (39.8)	1.40 (35.6)	1.160 (29.46)	1.005 (25.53)	7	.700 (17.78)	.15 (3.8)	.27 (6.9)
-20-	1.76 (44.7)	1.60 (40.8)	1.360 (34.54)	1.205 (30.61)	9	.900 (22.86)	.15 (3.8)	.37 (9.4)
-26-	2.06 (52.3)	1.90 (48.3)	1.660 (42.16)	1.505 (38.23)	12	1.200 (30.48)	.15 (3.8)	.52 (13.2)
-34-	2.46 (62.5)	2.30 (58.4)	2.060 (52.32)	1.905 (48.39)	16	1.600 (40.64)	.15 (3.8)	.72 (18.3)
-40-	2.76 (70.1)	2.60 (66.0)	2.360 (59.94)	2.205 (56.01)	19	1.900 (48.26)	.15 (3.8)	.87 (22.1)
-50-	3.26 (82.8)	3.10 (78.7)	2.860 (72.64)	2.705 (68.71)	24	2.400 (60.96)	.15 (3.8)	1.12 (28.4)
-60-	3.76 (95.5)	3.60 (91.4)	3.360 (85.34)	3.205 (81.41)	29	2.900 (73.66)	.15 (3.8)	1.37 (34.8)
-64-	3.96 (100.8)	3.80 (96.5)	3.560 (90.42)	3.405 (86.49)	31	3.100 (78.74)	.15 (3.8)	1.47 (37.3)

63H1

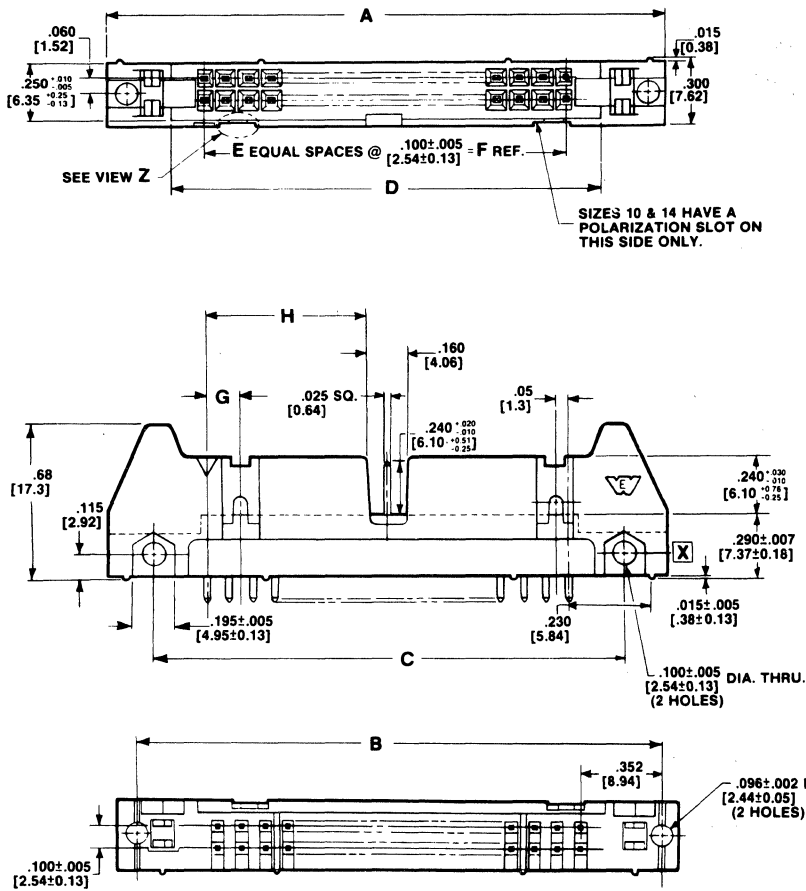


63H2



OUTLINE DRAWINGS

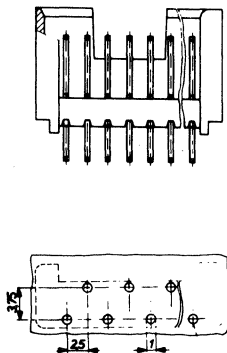
14H4



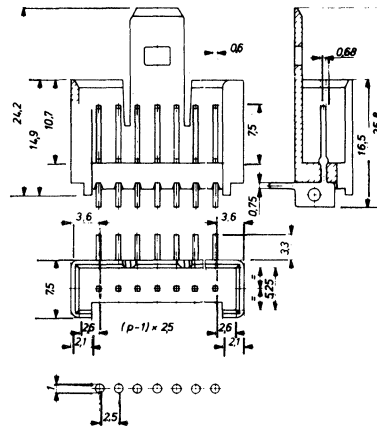
NO. OF CONTACTS	A	B	C	D	E	F	G	H
-10-	1.26 (32.0)	1.10 (27.9)	.860 (21.84)	.705 (17.91)	4	.400 (10.16)	NOT AVAILABLE	NOT AVAILABLE
-14-	1.46 (37.1)	1.30 (33.0)	1.060 (26.92)	.905 (22.99)	6	.600 (15.24)	NOT AVAILABLE	.22 (5.6)
-16-	1.56 (39.6)	1.40 (35.6)	1.160 (29.48)	1.005 (25.46)	7	.700 (17.78)	.15 (3.8)	.27 (6.9)
-20-	1.76 (44.7)	1.60 (40.6)	1.360 (34.54)	1.205 (30.61)	9	.900 (22.86)	.15 (3.8)	.37 (9.4)
-26-	2.06 (52.3)	1.90 (48.3)	1.660 (42.16)	1.505 (38.23)	12	1.200 (30.48)	.15 (3.8)	.52 (13.2)
-34-	2.46 (62.5)	2.30 (58.4)	2.060 (52.32)	1.905 (48.39)	16	1.600 (40.64)	.15 (3.8)	.72 (18.3)
-40-	2.76 (70.1)	2.60 (66.0)	2.360 (59.94)	2.205 (56.01)	19	1.900 (48.26)	.15 (3.8)	.87 (22.1)
-50-	3.26 (82.8)	3.10 (78.7)	2.860 (72.64)	2.705 (68.71)	24	2.400 (60.96)	.15 (3.8)	1.12 (28.4)
-60-	3.76 (95.5)	3.60 (91.4)	3.360 (85.34)	3.205 (81.41)	29	2.900 (73.66)	.15 (3.8)	1.37 (34.8)
-64-	3.96 (100.6)	3.80 (96.5)	3.560 (90.42)	3.405 (86.49)	31	3.100 (78.74)	.15 (3.8)	1.47 (37.3)

PIN DIAMETERS	
$M \pm .001$ (0.03)	$P \pm .013$ (0.33)
.025 DIA. (0.64)	.610 (15.48)
.025 SQ. (0.64)	.103 (2.62)
.025 SQ. (0.64)	.165 (4.19)
.028 DIA. (0.71)	.103 (2.62)
.028 DIA. (0.71)	.165 (4.19)

63H3

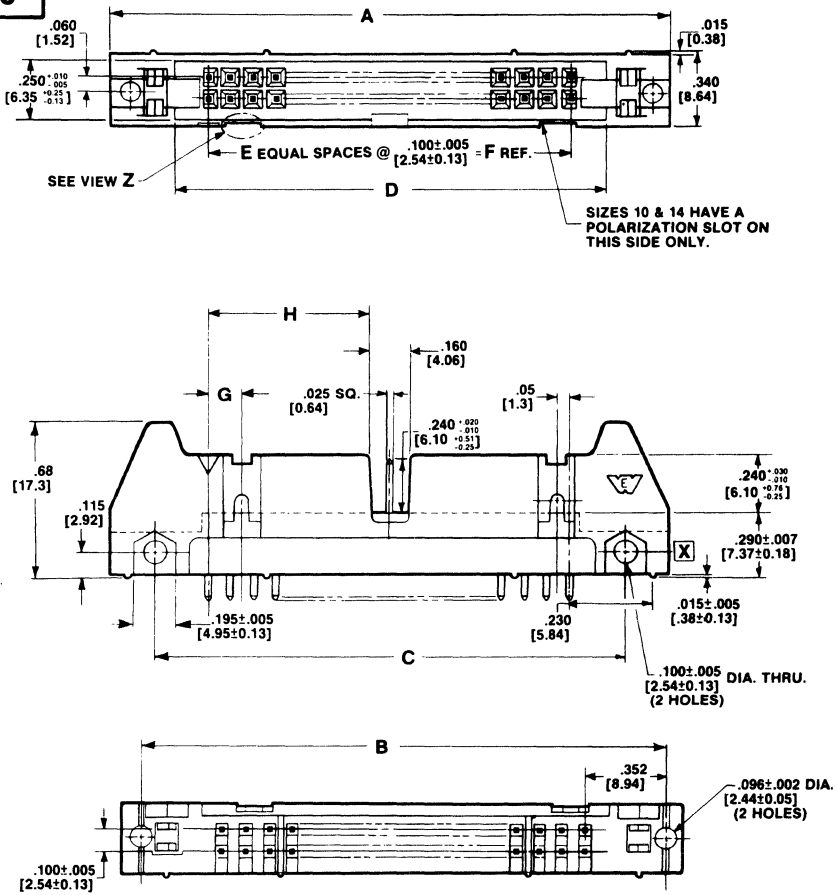


63H4



OUTLINE DRAWINGS

14H5

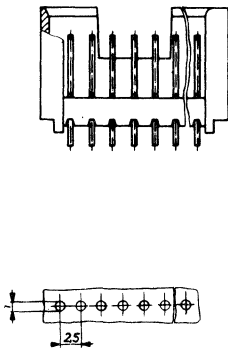


NO. OF CONTACTS	A	B	C	D	E	F	G	H
-10-	1.26 (32.0)	1.10 (27.9)	.860 (21.84)	.705 (17.91)	4	.400 (10.16)	NOT AVAILABLE	NOT AVAILABLE
-14-	1.46 (37.1)	1.30 (33.0)	1.080 (26.92)	.905 (22.99)	6	.600 (15.24)	NOT AVAILABLE	.22 (5.6)
-16-	1.56 (39.6)	1.40 (35.6)	1.180 (29.46)	1.005 (25.53)	7	.700 (17.78)	.15 (3.8)	.27 (6.9)
-20-	1.78 (44.7)	1.60 (40.6)	1.380 (34.54)	1.205 (30.61)	9	.900 (22.86)	.15 (3.8)	.37 (9.4)
-26-	2.08 (52.3)	1.90 (48.3)	1.680 (42.16)	1.505 (38.23)	12	1.200 (30.48)	.15 (3.8)	.52 (13.2)
-34-	2.46 (62.5)	2.30 (58.4)	2.080 (52.32)	1.905 (48.39)	16	1.600 (40.84)	.15 (3.8)	.72 (18.3)
-40-	2.78 (70.1)	2.60 (66.0)	2.380 (59.94)	2.205 (56.01)	19	1.900 (48.26)	.15 (3.8)	.87 (22.1)
-50-	3.28 (82.8)	3.10 (78.7)	2.880 (72.64)	2.705 (68.71)	24	2.400 (60.96)	.15 (3.8)	1.12 (28.4)
-60-	3.76 (95.5)	3.60 (91.4)	3.380 (85.34)	3.205 (81.41)	29	2.900 (73.66)	.15 (3.8)	1.37 (34.8)
-64-	3.98 (100.8)	3.80 (96.5)	3.580 (90.42)	3.405 (86.49)	31	3.100 (78.74)	.15 (3.8)	1.47 (37.3)

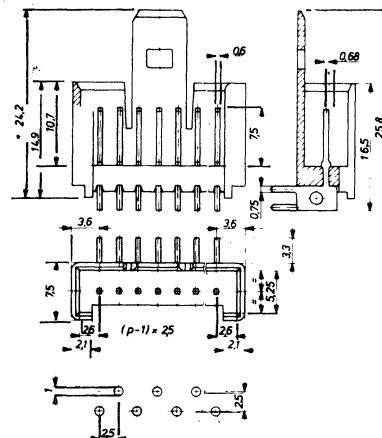
PIN DIAMETERS

M ± .001 (0.03)	P ± .013 (0.33)
.025 DIA. (0.64)	.610 (15.49)
.025 SQ. (0.64)	.103 (2.62)
.025 SQ. (0.64)	.165 (4.19)
.028 DIA. (0.71)	.103 (2.62)
.028 DIA. (0.71)	.165 (4.19)

63H5

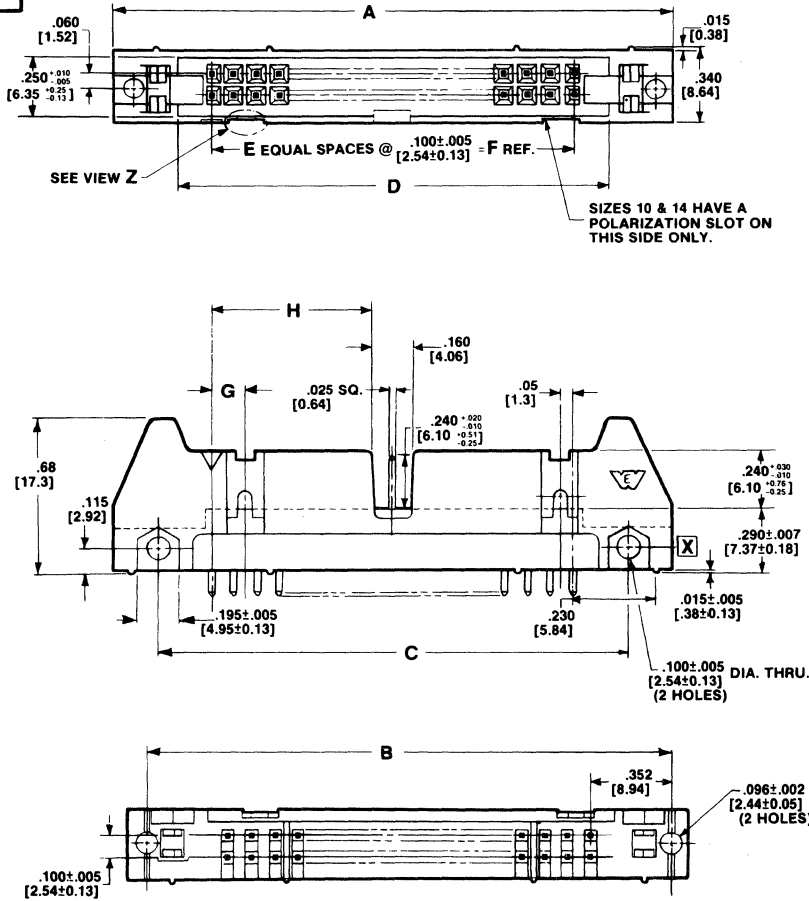


63H6



OUTLINE DRAWINGS

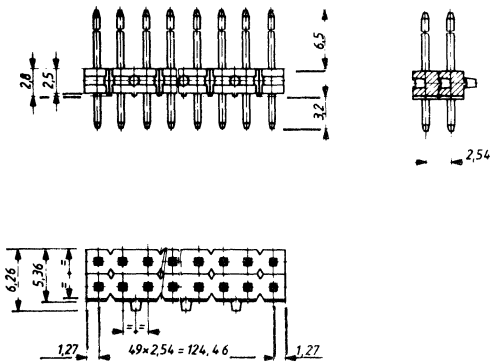
14H6



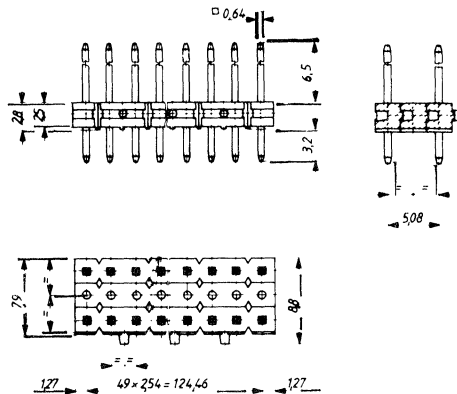
NO. OF CONTACTS	A	B	C	D	E	F	G	H
-10-	1.26 (32.0)	1.10 (27.9)	.860 (21.84)	.705 (17.91)	4	.400 (10.16)	NOT AVAILABLE	NOT AVAILABLE
-14-	1.46 (37.1)	1.30 (33.0)	1.060 (26.92)	.905 (22.99)	6	.600 (15.24)	NOT AVAILABLE	22 (5.6)
-16-	1.56 (39.6)	1.40 (35.6)	1.160 (29.46)	1.005 (25.53)	7	.700 (17.78)	.15 (3.8)	.27 (6.9)
-20-	1.76 (44.7)	1.60 (40.6)	1.360 (34.54)	1.205 (30.61)	9	.900 (22.86)	.15 (3.8)	.37 (9.4)
-26-	2.06 (52.3)	1.90 (48.3)	1.660 (42.16)	1.505 (38.23)	12	1.200 (30.48)	.15 (3.8)	.52 (13.2)
-34-	2.46 (62.5)	2.30 (58.4)	2.060 (52.32)	1.905 (48.39)	16	1.600 (40.64)	.15 (3.8)	.72 (18.3)
-40-	2.76 (70.1)	2.60 (66.0)	2.360 (59.94)	2.205 (56.01)	19	1.900 (48.26)	.15 (3.8)	.87 (22.1)
-50-	3.26 (82.8)	3.10 (78.7)	2.860 (72.64)	2.705 (68.71)	24	2.400 (60.96)	.15 (3.8)	1.12 (28.4)
-60-	3.76 (95.5)	3.60 (91.4)	3.360 (85.34)	3.205 (81.41)	29	2.900 (73.66)	.15 (3.8)	1.37 (34.8)
-64-	3.96 (100.6)	3.80 (96.5)	3.560 (90.42)	3.405 (86.49)	31	3.100 (78.74)	.15 (3.8)	1.47 (37.3)

PIN DIAMETERS	
M ± .001 (0.03)	P ± .013 (0.33)
.025 DIA. (0.64)	.610 (15.49)
.025 SQ. (0.64)	.103 (2.62)
.025 SQ. (0.64)	.165 (4.19)
.028 DIA. (0.71)	.103 (2.62)
.028 DIA. (0.71)	.165 (4.19)

63H16

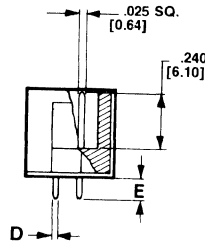
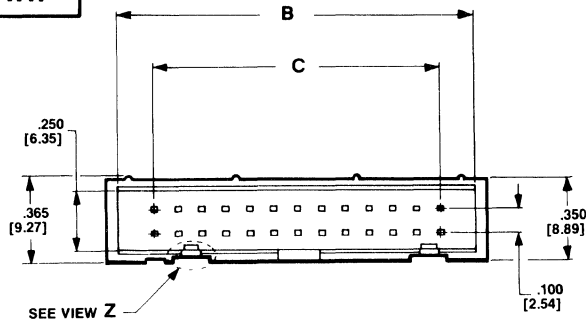


63H17

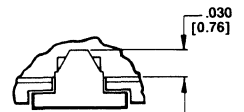


OUTLINE DRAWINGS

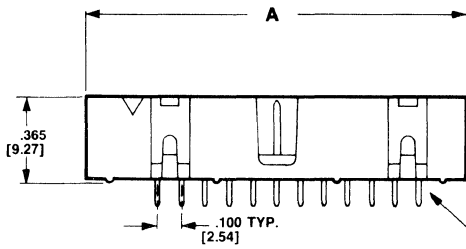
14H7



**POLARIZATION KEY
INSTALLED**



VIEW Z



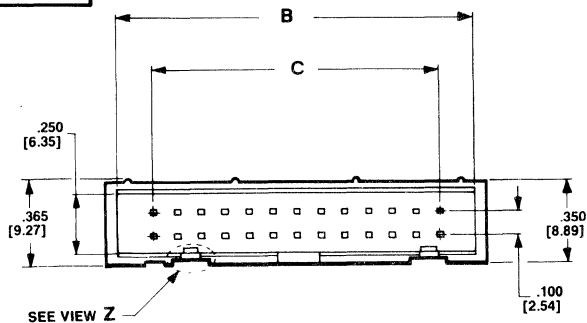
NOTE: MIL-STYLE POLARIZATION SLOTS ARE NOT AVAILABLE ON SIZES 10, 14, AND ARE AVAILABLE ON THIS SIDE ONLY FOR SIZE 16.

NO. OF CONTACTS	A	B	C
-10-	.800 (20.32)	.700 (17.78)	.400 (10.16)
-14-	1.000 (25.40)	.900 (22.86)	.600 (15.24)
-16-	1.100 (27.94)	1.000 (25.40)	.700 (17.78)
-20-	1.300 (33.02)	1.200 (30.48)	.900 (22.86)
-26-	1.600 (40.64)	1.500 (38.10)	1.200 (30.48)
-34-	2.000 (50.80)	1.900 (48.26)	1.600 (40.64)
-40-	2.300 (58.42)	2.200 (55.88)	1.900 (48.26)
-50-	2.800 (71.12)	2.700 (68.58)	2.400 (60.96)
-60-	3.300 (83.82)	3.200 (81.28)	2.900 (73.66)

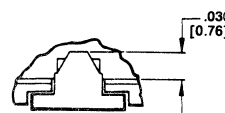
PIN DIAMETER

D	E
.025 SQ. (0.64)	.610 (15.49)
.025 SQ. (0.64)	.112 (2.84)
.025 SQ. (0.64)	.175 (4.44)
.028 DIA. (0.71)	.112 (2.84)
.028 DIA. (0.71)	.175 (4.44)

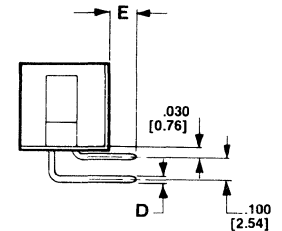
14H8



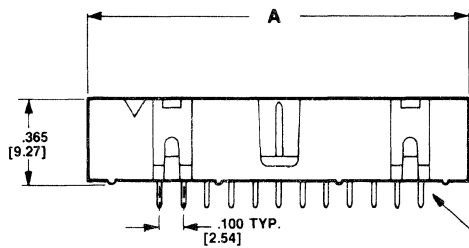
**POLARIZATION KEY
INSTALLED**



VIEW Z



▣ = 1



NOTE: MIL-STYLE POLARIZATION SLOTS ARE NOT AVAILABLE ON SIZES 10, 14, AND ARE AVAILABLE ON THIS SIDE ONLY FOR SIZE 16.

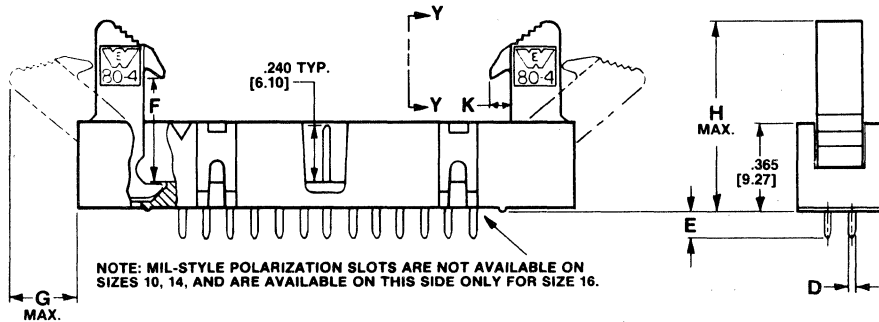
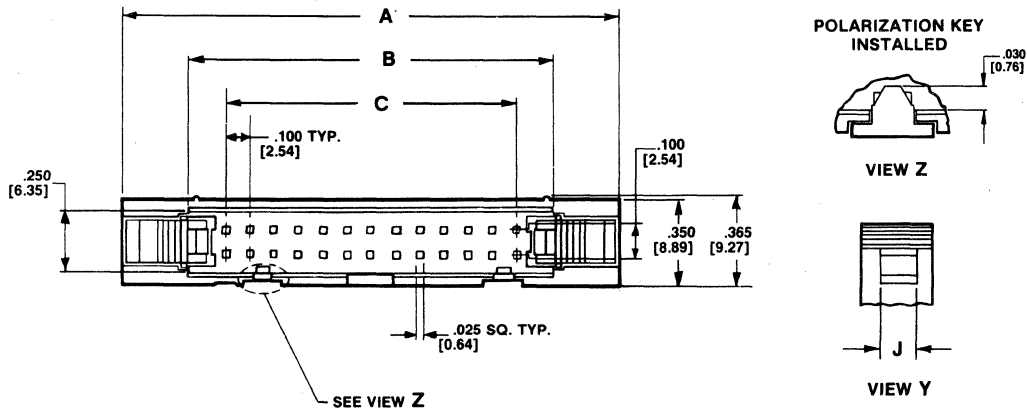
NO. OF CONTACTS	A	B	C
-10-	.800 (20.32)	.700 (17.78)	.400 (10.16)
-14-	1.000 (25.40)	.900 (22.86)	.600 (15.24)
-16-	1.100 (27.94)	1.000 (25.40)	.700 (17.78)
-20-	1.300 (33.02)	1.200 (30.48)	.900 (22.86)
-26-	1.600 (40.64)	1.500 (38.10)	1.200 (30.48)
-34-	2.000 (50.80)	1.900 (48.26)	1.600 (40.64)
-40-	2.300 (58.42)	2.200 (55.88)	1.900 (48.26)
-50-	2.800 (71.12)	2.700 (68.58)	2.400 (60.96)
-60-	3.300 (83.82)	3.200 (81.28)	2.900 (73.66)

PIN DIAMETER

D	E
.025 SQ. (0.64)	.610 (15.49)
.025 SQ. (0.64)	.112 (2.84)
.025 SQ. (0.64)	.175 (4.44)
.028 DIA. (0.71)	.112 (2.84)
.028 DIA. (0.71)	.175 (4.44)

OUTLINE DRAWINGS

14H9



LEAD LENGTHS

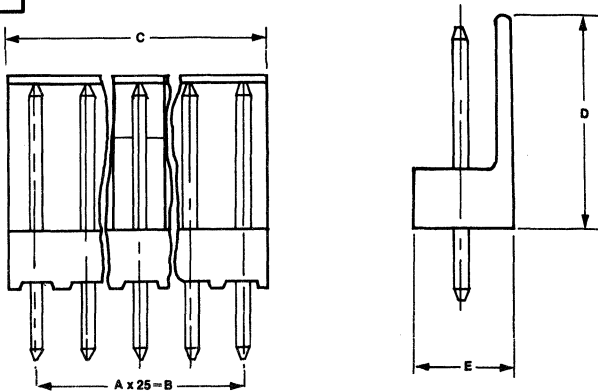
F	G. MAX.	H MAX.	J	K
.463 (11.76)	.318 (8.08)	.83 (21.1)	.190 (4.83)	.100 (2.54)
.643 (16.33)	.457 (11.61)	1.01 (25.7)	.190 (4.83)	.100 (2.54)
.423 (10.74)	.288 (7.32)	.79 (20.1)	.190 (4.83)	.100 (2.54)
.573 (14.55)	.403 (10.24)	.94 (23.9)	.100 (2.54)	.080 (2.03)

NO. OF CONTACTS	A	B	C
-10-	1.25 (31.8)	.700 (17.78)	.400 (10.16)
-14-	1.45 (36.8)	.900 (22.86)	.800 (15.24)
-16-	1.55 (39.4)	1.000 (25.40)	.700 (17.78)
-20-	1.75 (44.4)	1.200 (30.48)	.900 (22.86)
-26-	2.05 (52.1)	1.500 (38.10)	1.200 (30.48)
-34-	2.45 (62.2)	1.900 (48.28)	1.600 (40.64)
-40-	2.75 (69.8)	2.200 (55.88)	1.900 (42.26)
-50-	3.25 (82.6)	2.700 (68.58)	2.400 (60.96)
-60-	3.75 (95.2)	3.200 (81.28)	2.900 (73.66)

PIN DIAMETER

D	E
.025 SQ. (0.64)	.610 (15.49)
.025 SQ. (0.64)	.112 (2.84)
.025 SQ. (0.64)	.175 (4.44)
.028 DIA. (0.71)	.112 (2.84)
.028 DIA. (0.71)	.175 (4.44)

OH33

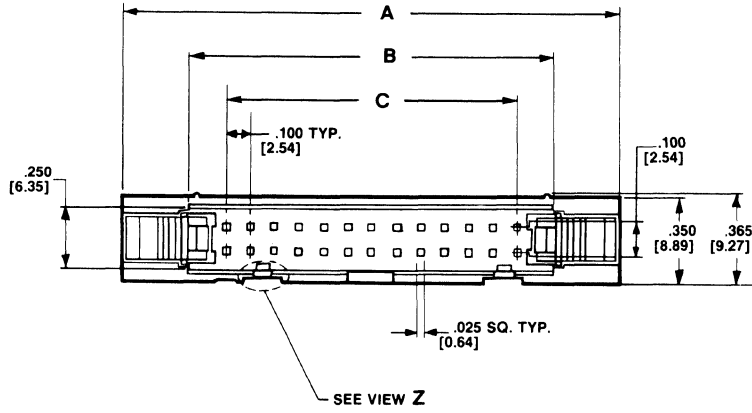


POLES	A	B	C	D	E
2	1	2.5	5.0	10.4	4.9
3	2	5.0	7.5	10.4	4.9
4	3	7.5	10.0	10.4	4.9
5	4	10.0	12.5	10.4	4.9
6	5	12.5	15.0	10.4	4.9
7	6	15.0	17.5	10.4	4.9
8	7	17.5	20.0	10.4	4.9
9	8	20.0	22.5	10.4	4.9
10	9	22.5	25.0	10.4	4.9

DIMENSIONS IN MM

OUTLINE DRAWINGS

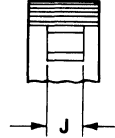
14H10



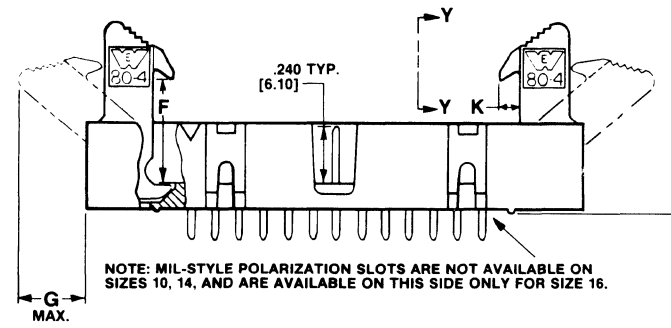
POLARIZATION KEY INSTALLED



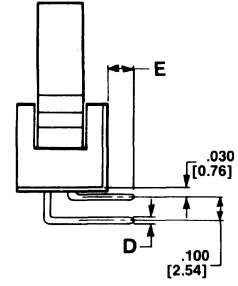
VIEW Z



VIEW Y



NOTE: MIL-STYLE POLARIZATION SLOTS ARE NOT AVAILABLE ON SIZES 10, 14, AND ARE AVAILABLE ON THIS SIDE ONLY FOR SIZE 16.



1 = 1

PIN DIAMETER

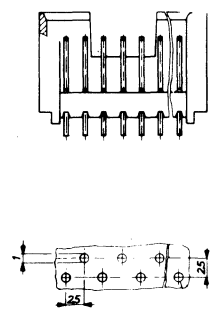
D	E
.025 SQ. (0.64)	.610 (15.49)
.025 SQ. (0.64)	.112 (2.84)
.025 SQ. (0.64)	.175 (4.44)
.028 DIA. (0.71)	.112 (2.84)
.028 DIA. (0.71)	.175 (4.44)

LEAD LENGTHS

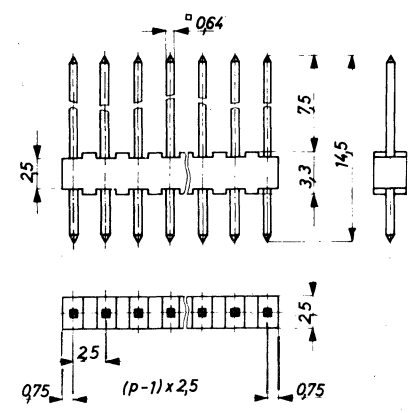
F	G. MAX.	H MAX.	J	K
.463 (11.76)	.318 (8.08)	.83 (21.1)	.190 (4.83)	.100 (2.54)
.643 (16.33)	.457 (11.61)	1.01 (25.7)	.190 (4.83)	.100 (2.54)
.423 (10.74)	.288 (7.32)	.79 (20.1)	.190 (4.83)	.100 (2.54)
.573 (14.55)	.403 (10.24)	.94 (23.9)	.100 (2.54)	.080 (2.03)

NO. OF CONTACTS	A	B	C
-10-	1.25 (31.8)	.700 (17.78)	.400 (10.16)
-14-	1.45 (36.8)	.900 (22.86)	.600 (15.24)
-16-	1.55 (39.4)	1.000 (25.40)	.700 (17.78)
-20-	1.75 (44.4)	1.200 (30.48)	.900 (22.86)
-26-	2.05 (52.1)	1.500 (38.10)	1.200 (30.48)
-34-	2.45 (62.2)	1.900 (48.26)	1.600 (40.64)
-40-	2.75 (69.8)	2.200 (55.88)	1.900 (48.26)
-50-	3.25 (82.6)	2.700 (68.58)	2.400 (60.96)
-60-	3.75 (95.2)	3.200 (81.28)	2.900 (73.66)

63H7



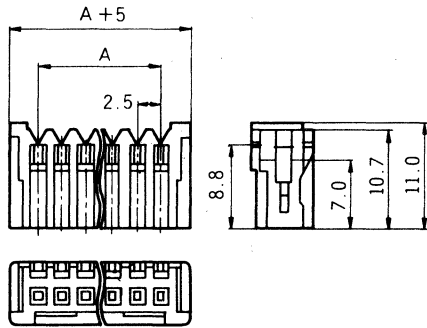
63H8



OUTLINE DRAWINGS

17H1

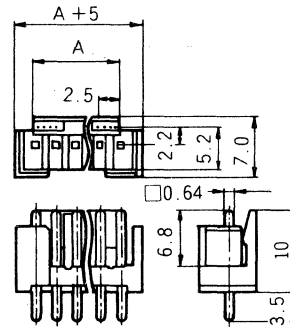
A 2.5 x (n-1) n No. of Contacts



SOCKET

17H2

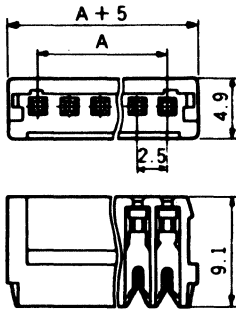
A 2.5 x (n-1) n No. of Contacts



PLUG

17H3

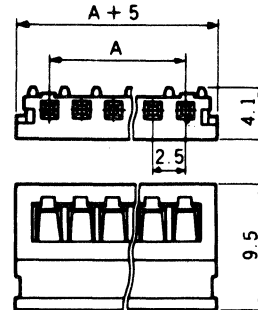
A 2.5 x (n-1) n No. of Contacts



HORIZONTAL TYPE SOCKET

17H4

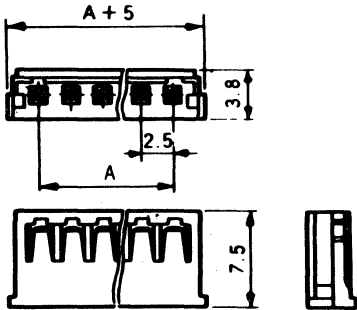
A 2.5 x (n-1) n No. of Contacts



VERTICAL TYPE SOCKET

17H5

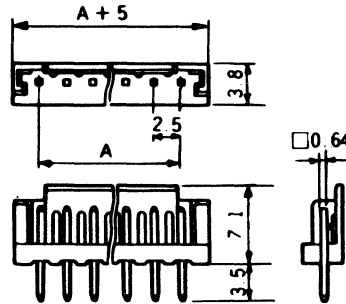
A 2.5 x (n-1) n No. of Contacts



**SOCKET
CRIMPING CONNECTOR**

17H6

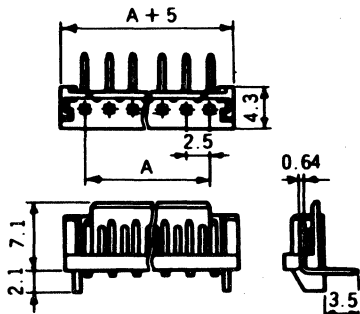
A 2.5 x (n-1) n No. of Contacts



PLUG

17H7

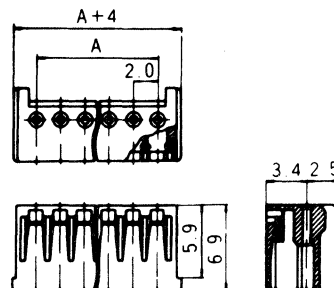
A 2.5 x (n-1) n No. of Contacts



RIGHT ANGLE TYPE PLUG

17H8

A 2.0 x (n-1) n No. of Contacts



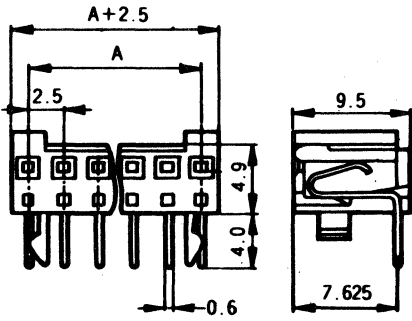
OUTLINE DRAWINGS

<p>17H9 A 2.0 x (n-1) n No. of Pins</p>	<p>17H10 A 2.0 x (n-1) n No. of Pins</p>
<p>17H11 A 2.0 x (n-1) n No. of Pins</p> <p style="text-align: center;">SOCKET CRIMPING CONNECTOR</p>	<p>17H12 A 2.0 x (n-1) n No. of Pins</p> <p style="text-align: center;">PLUG</p>
<p>17H13 A 2.0 x (n-1) n No. of Pins</p> <p style="text-align: center;">RIGHT ANGLE TYPE PLUG</p>	<p>17H14 A 2.0 x (n-1) n No. of Contacts</p>
<p>17H15 A 2.0 x (n-1) n No. of Contacts</p>	<p>17H16 A 2.0 x (n-1) n No. of Contacts</p>

OUTLINE DRAWINGS

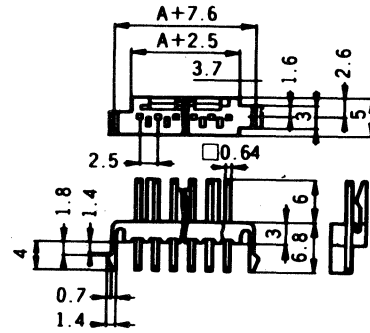
17H22

A 2.5 x (n-1) n No. of Contacts



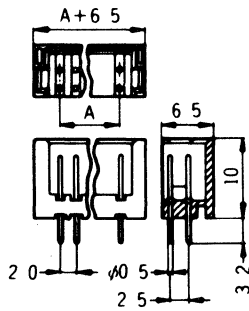
17H23

A 2.5 x (n-1) n No. of Contacts



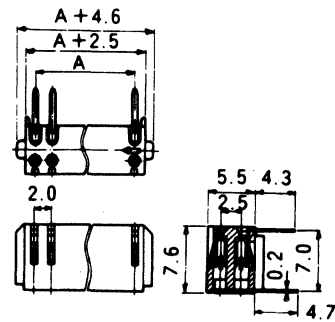
17H24

A n-2 n No. of Contacts



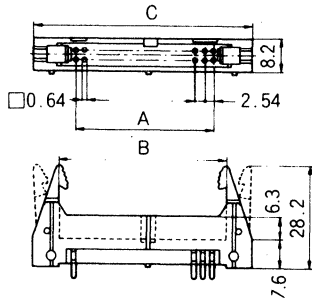
17H25

A n-2 n No. of Contacts



17H26

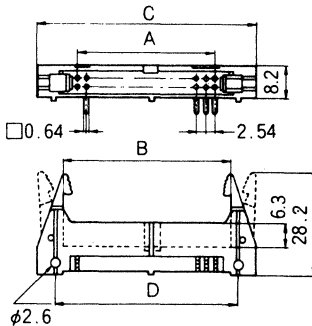
DIMENSIONS IN MM



No. Pos	A	B	C
10	10.16	17.8	32.0
14	15.24	22.8	37.1
16	17.78	25.4	39.6
20	22.86	30.5	44.7
26	30.48	38.1	52.3
34	40.64	48.2	62.5
40	48.26	55.9	70.1
50	60.96	68.6	82.8
60	73.66	81.3	95.5
64	78.74	86.3	100.6

17H27

DIMENSIONS IN MM

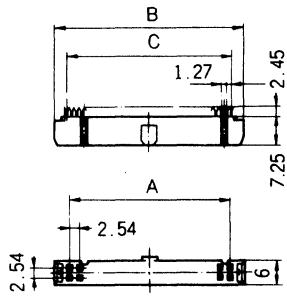


No. Pos	A	B	C
10	10.16	17.8	32.0
14	15.24	22.8	37.1
16	17.78	25.4	39.6
20	22.86	30.5	44.7
26	30.48	38.1	52.3
34	40.64	48.2	62.5
40	48.26	55.9	70.1
50	60.96	68.6	82.8
60	73.66	81.3	95.5
64	78.74	86.3	100.6

OUTLINE DRAWINGS

17H28

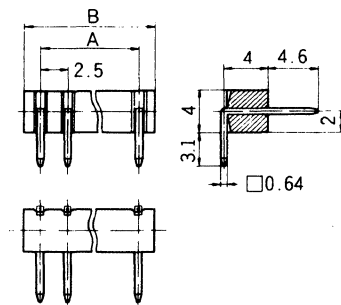
DIMENSIONS IN MM



No. Pos	A	B	C
10	10.16	17.3	11.43
14	15.24	22.4	16.51
16	17.78	24.9	19.05
20	22.86	30.0	24.13
26	30.48	37.6	31.75
34	40.64	47.8	41.91
46	48.26	55.4	49.53
50	60.96	68.1	62.23
60	73.66	80.8	74.93
64	78.74	85.9	80.01

17H29

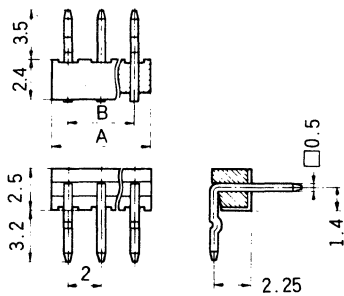
DIMENSIONS IN MM



No. Pos	A	B
3	5.0	7.4
4	7.5	9.9
5	10.0	12.4
6	12.5	14.9
7	15.0	17.4

17H30

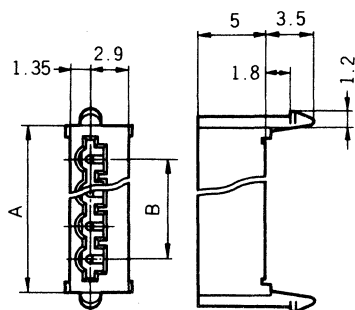
DIMENSIONS IN MM



No. Pos	A	B
3	6	4
4	8	6
5	10	8
15	30	28

17H31

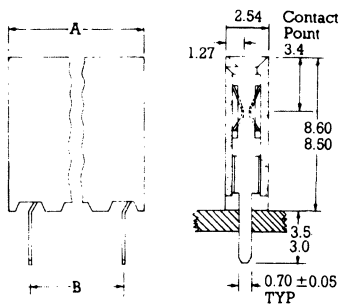
DIMENSIONS IN MM



No. Pos	A	B
2	7.5	2.5
3	10.0	5.0
4	12.5	7.5
5	15.0	10.0
6	17.5	12.5
7	20.0	15.0
8	22.5	17.5
9	25.0	20.0
10	27.5	22.5
12	30.0	25.0

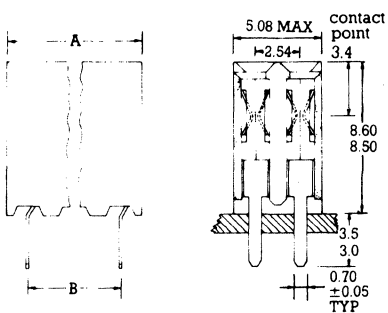
OUTLINE DRAWINGS

25H1



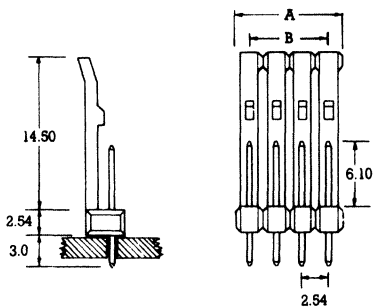
No. of ways	Dim A	Dim B
2	5.08	2.54
3	7.62	5.08
4	10.16	7.62
5	12.70	10.16
6	15.24	12.70
7	17.78	15.24
8	20.32	17.78
9	22.86	20.32
10	25.40	22.86
20	50.80	48.26
36	91.44	88.90

25H2



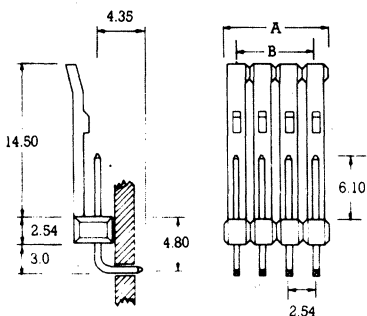
No. of ways	Dim A	Dim B
2+2	5.08	2.54
3+3	7.62	5.08
4+4	10.16	7.62
5+5	12.70	10.16
6+6	15.24	12.70
7+7	17.78	15.24
8+8	20.32	17.78
9+9	22.86	20.32
10+10	25.40	22.86
20+20	50.80	48.26
36+36	91.44	88.90

25H3



No. of ways	Dim A	Dim B
2	5.08	2.54
3	7.62	5.08
4	10.16	7.62
5	12.70	10.16
6	15.24	12.70
7	17.78	15.24
8	20.32	17.78
9	22.86	20.32
10	25.40	22.86
11	27.94	25.40
12	30.48	27.94

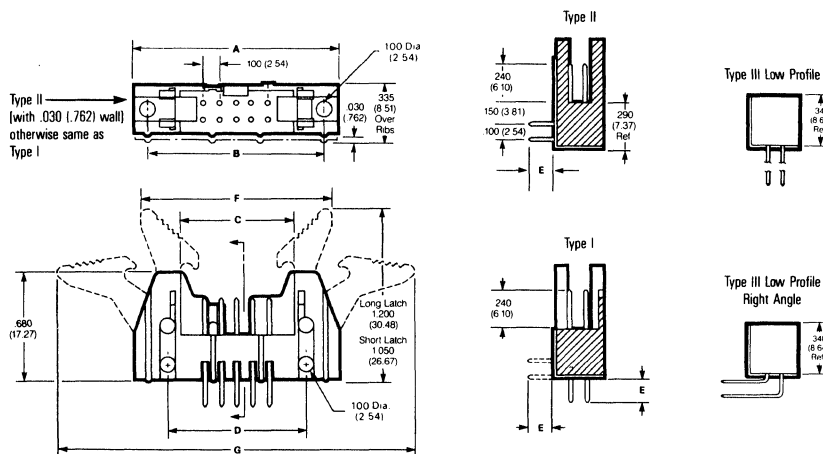
25H4



No. of ways	Dim A	Dim B
2	5.08	2.54
3	7.62	5.08
4	10.16	7.62
5	12.70	10.16
6	15.24	12.70
7	17.78	15.24
8	20.32	17.78
9	22.86	20.32
10	25.40	22.86
11	27.94	25.40
12	30.48	27.94

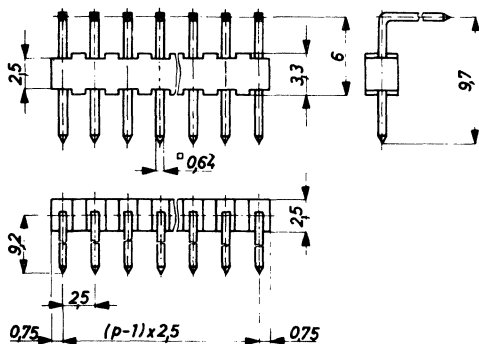
OUTLINE DRAWINGS

24H1

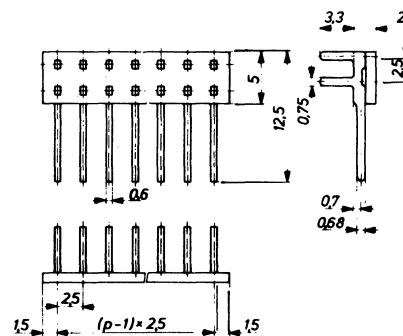


Number of Contacts	A		B		C		D		E	F		Long Latch G max.		Short Latch G max.	
	in.	mm	in.	mm	in.	mm	in.	mm		in.	mm	in.	mm	in.	mm
10	1.260	32.00	1.100	27.94	.700	17.78	.860	21.84	Wire Wrap	1.235	31.37	2.585	65.91	2.295	58.29
14	1.460	37.08	1.300	33.02	.900	22.86	1.060	26.92	.610 ± .015	1.435	36.45	2.795	70.99	2.495	63.37
16	1.560	39.62	1.400	35.56	1.000	25.40	1.160	29.46	(15.49 ± .381)	1.535	38.99	2.895	73.53	2.595	65.91
20	1.760	44.70	1.600	40.64	1.200	30.48	1.360	34.54		1.735	44.07	3.095	78.61	2.795	70.99
26	2.060	52.32	1.900	48.26	1.500	38.10	1.660	42.16	Solder	2.035	51.69	3.395	86.23	3.095	78.61
34	2.460	62.48	2.300	58.42	1.900	48.26	2.060	52.32	.155 ± .010	2.435	61.85	3.795	96.39	3.495	89.77
40	2.780	70.10	2.600	66.04	2.200	55.88	2.360	59.94	(3.94 ± .254)	2.735	69.47	4.095	104.01	3.795	96.39
50	3.260	82.80	3.100	78.74	2.700	68.58	2.860	72.64	.092 ± .010	3.235	82.17	4.595	116.71	4.295	109.09
60	3.760	95.50	3.600	91.44	3.200	81.28	3.360	84.34	(2.34 ± .254)	3.735	94.87	5.095	129.41	4.795	121.79

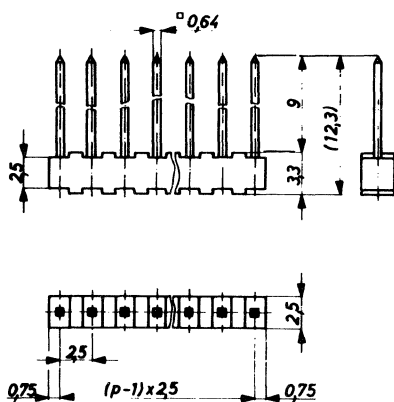
63H9



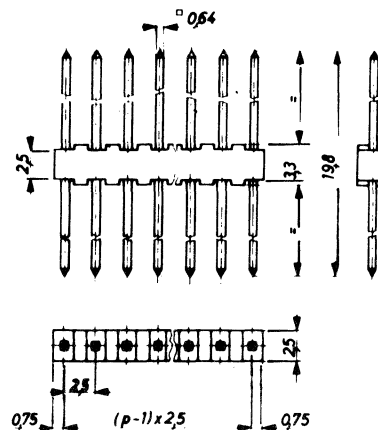
63H10



63H11

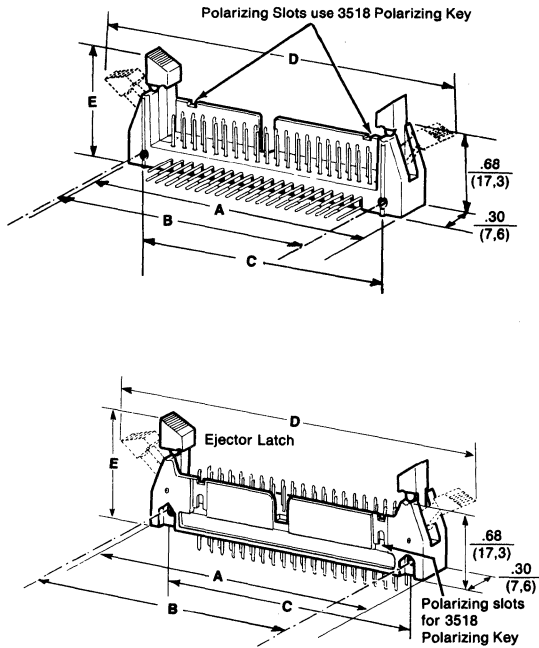


63H12



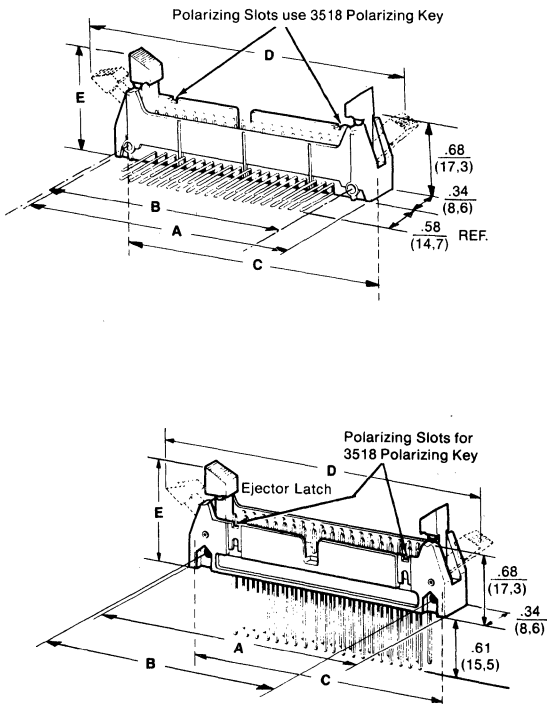
OUTLINE DRAWINGS

28H1



CONTACT QUANTITY	DIMENSIONS				
	A	B	C	D	E
10	1.27 (32.3)	.86 (21.8)	1.10 (27.8)	1.90 (48.3) 2.06 (52.3) 2.06 (52.3)	.97 (24.6) 1.07 (27.2) 1.07 (27.2)
14	1.47 (37.3)	1.06 (26.9)	1.30 (33.0)	2.10 (53.3) 2.26 (57.4) 2.26 (57.4)	.97 (24.6) 1.07 (27.2) 1.07 (27.2)
16	1.57 (39.9)	1.16 (29.5)	1.40 (35.6)	2.20 (55.9) 2.36 (59.9) 2.36 (59.9)	.97 (24.6) 1.07 (27.2) 1.07 (27.2)
20	1.76 (44.7)	1.36 (34.5)	1.60 (40.6)	2.39 (60.7) 2.55 (64.8) 2.55 (64.8)	.97 (24.6) 1.07 (27.2) 1.07 (27.2)
26	2.06 (52.3)	1.66 (42.2)	1.90 (48.3)	2.69 (68.3) 2.85 (72.4) 2.85 (72.4)	.97 (24.6) 1.07 (27.2) 1.07 (27.2)
34	2.46 (62.5)	2.06 (52.3)	2.30 (58.4)	3.09 (78.5) 3.25 (82.6) 3.25 (82.6)	.97 (24.6) 1.07 (27.2) 1.07 (27.2)
40	2.76 (70.1)	2.36 (59.9)	2.60 (66.0)	3.39 (86.1) 3.55 (90.2) 3.55 (90.2)	.97 (24.6) 1.07 (27.2) 1.07 (27.2)
50	3.26 (82.8)	2.86 (72.6)	3.10 (78.7)	3.89 (98.8) 4.05 (102.9) 4.05 (102.9)	.97 (24.6) 1.07 (27.2) 1.07 (27.2)
60	3.77 (95.8)	3.36 (85.3)	3.60 (91.4)	4.40 (111.8) 4.56 (115.9) 4.56 (115.9)	.97 (24.6) 1.07 (27.2) 1.07 (27.2)

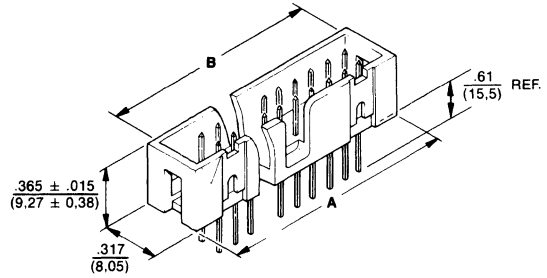
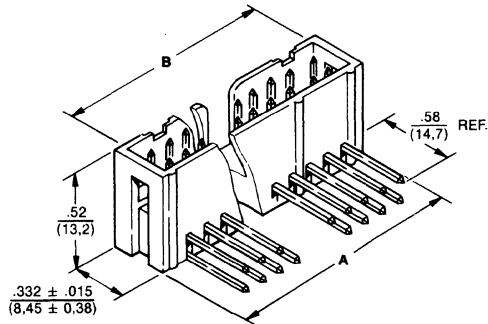
28H2



CONTACT QUANTITY	DIMENSIONS				
	A	B	C	D	E
10	1.26 (32.0)	.86 (21.8)	1.10 (27.9)	1.90 (48.3) 2.06 (52.3) 2.06 (52.3)	.97 (24.6) 1.07 (27.2) 1.07 (27.2)
14	1.46 (37.1)	1.06 (26.9)	1.30 (33.0)	2.10 (53.3) 2.26 (57.4) 2.26 (57.4)	.97 (24.6) 1.07 (27.2) 1.07 (27.2)
16	1.56 (39.6)	1.16 (29.5)	1.40 (35.6)	2.20 (55.9) 2.36 (59.9) 2.36 (59.9)	.97 (24.6) 1.07 (27.2) 1.07 (27.2)
20	1.76 (44.7)	1.36 (34.5)	1.60 (40.6)	2.39 (60.7) 2.55 (64.8) 2.55 (64.8)	.97 (24.6) 1.07 (27.2) 1.07 (27.2)
26	2.06 (52.3)	1.66 (42.2)	1.90 (48.3)	2.69 (68.3) 2.85 (72.4) 2.85 (72.4)	.97 (24.6) 1.07 (27.2) 1.07 (27.2)
34	2.46 (62.5)	2.06 (52.3)	2.30 (58.4)	3.09 (78.5) 3.25 (82.6) 3.25 (82.6)	.97 (24.6) 1.07 (27.2) 1.07 (27.2)
40	2.76 (70.1)	2.36 (59.9)	2.60 (66.0)	3.39 (86.1) 3.55 (90.2) 3.55 (90.2)	.97 (24.6) 1.07 (27.2) 1.07 (27.2)
50	3.26 (82.8)	2.86 (72.6)	3.10 (78.7)	3.89 (98.8) 4.05 (102.9) 4.05 (102.9)	.97 (24.6) 1.07 (27.2) 1.07 (27.2)
60	3.76 (95.5)	3.36 (85.3)	3.60 (91.4)	4.40 (111.8) 4.56 (115.9) 4.56 (115.9)	.97 (24.6) 1.07 (27.2) 1.07 (27.2)

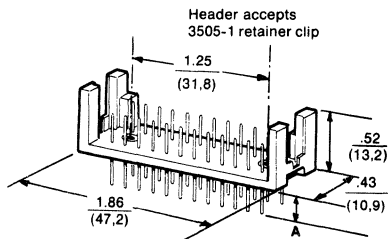
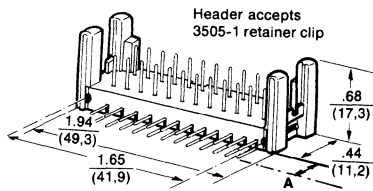
OUTLINE DRAWINGS

28H3

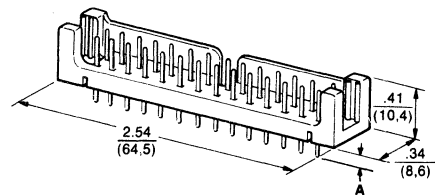
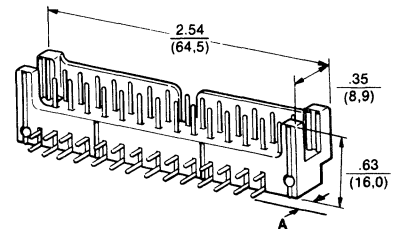


CONTACT QUANTITY	DIMENSIONS	
	A	B
10	.81 (20,6)	.71 (18,0)
14	1.01 (25,7)	.91 (23,0)
16	1.11 (28,2)	1.01 (25,7)
20	1.31 (33,3)	1.21 (30,7)
26	1.61 (40,9)	1.51 (38,4)
34	2.01 (51,1)	1.91 (48,5)
40	2.31 (58,7)	2.21 (56,1)
50	2.81 (71,4)	2.71 (68,8)
60	3.31 (84,1)	3.21 (81,5)

28H4



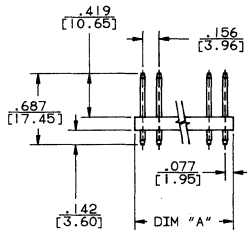
28H5



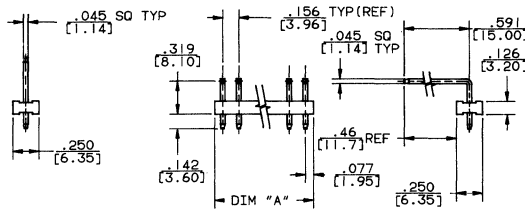
OUTLINE DRAWINGS

28H8

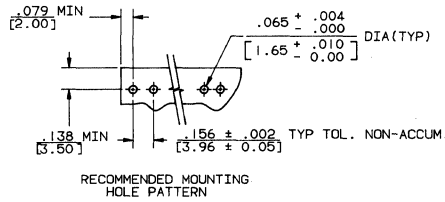
Straight Version



Right Angle Version

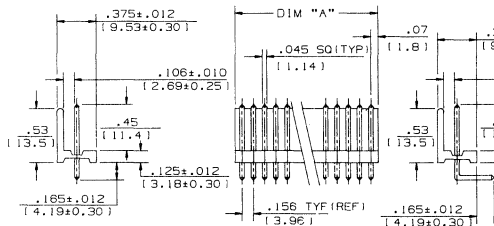


Pin Qty. Code	Dim. "A" ±.031 [±0.80]
02	.309 [7.86]
03	.465 [11.82]
04	.621 [15.78]
05	.777 [19.74]
06	.933 [23.70]
07	1.089 [27.66]
08	1.245 [31.62]
09	1.401 [35.58]
10	1.557 [39.54]
11	1.713 [43.50]
12	1.869 [47.46]
13	2.024 [51.42]
14	2.180 [55.38]
15	2.336 [59.34]

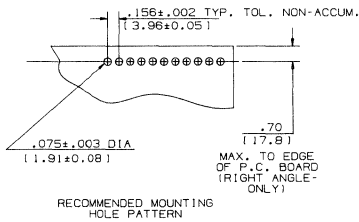
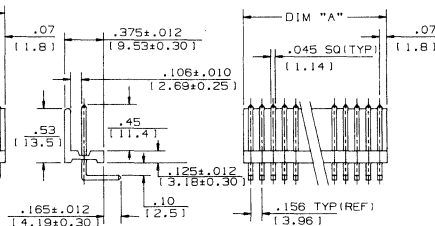


28H9

Straight Version



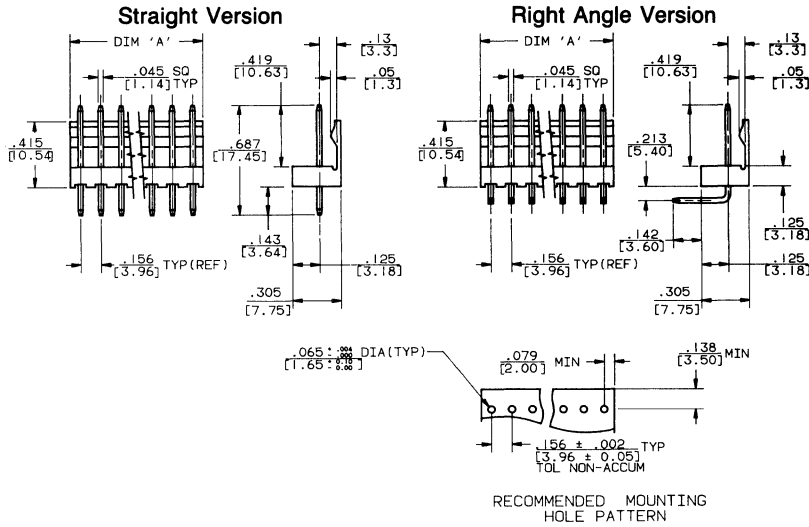
Right Angle Version



Pin Qty. Code	Dim. "A" ±.020 [±0.51]
02	.296 [7.52]
03	.452 [11.48]
04	.608 [15.44]
05	.764 [19.41]
06	.920 [23.37]
07	1.076 [27.33]
08	1.232 [31.29]
09	1.388 [35.26]
10	1.544 [39.22]
11	1.700 [43.18]
12	1.856 [47.14]
13	2.012 [51.10]
14	2.168 [55.07]
15	2.324 [59.03]
16	2.480 [62.99]
17	2.636 [66.95]
18	2.792 [70.92]
19	2.948 [74.88]
20	3.104 [78.84]
21	3.260 [82.80]
22	3.416 [86.77]

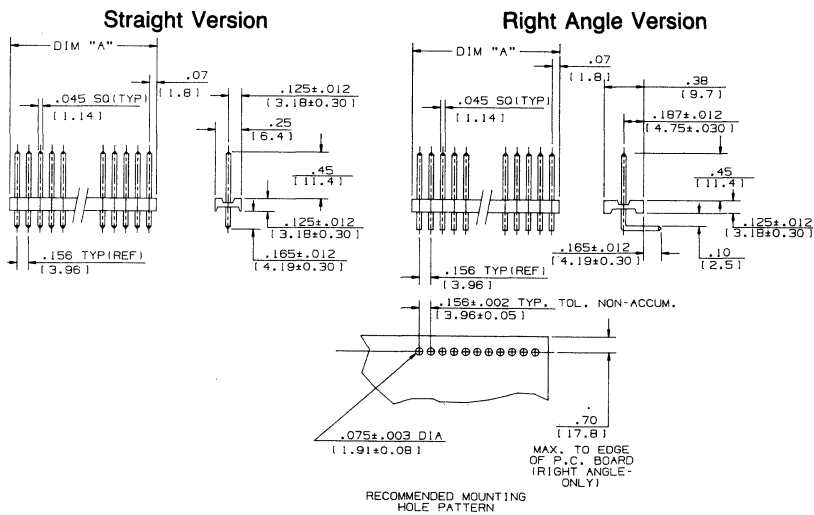
OUTLINE DRAWINGS

28H6



Pin Qty. Code	Dim. "A"
02	.312 [7.92]
03	.468 [11.88]
04	.624 [15.84]
05	.780 [19.80]
06	.935 [23.76]
07	1.091 [27.72]
08	1.247 [31.68]
09	1.403 [35.64]
10	1.560 [39.60]
11	1.715 [43.56]
12	1.871 [47.52]
13	2.027 [51.48]
14	2.183 [55.44]
15	2.339 [59.40]

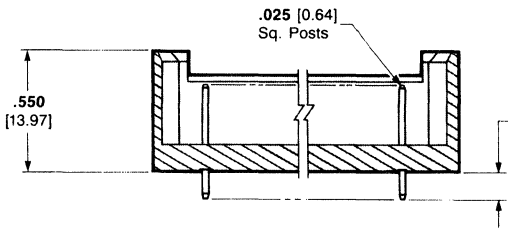
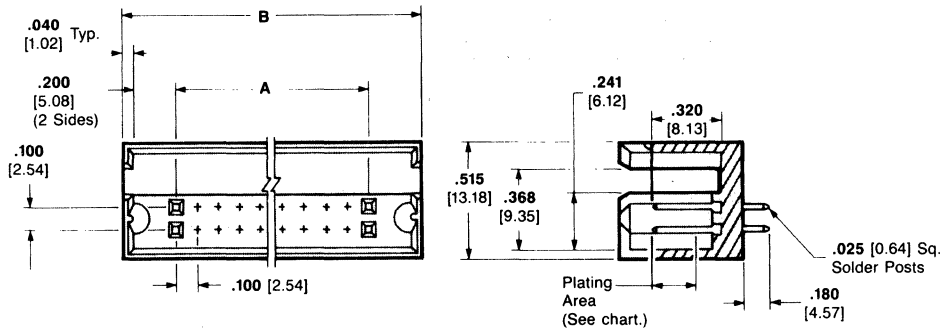
28H7



Pin Qty. Code	Dim. "A" ± .020 / [± 0.51]
02	.296 / [7.52]
03	.452 / [11.48]
04	.608 / [15.44]
05	.764 / [19.41]
06	.920 / [23.37]
07	1.076 / [27.33]
08	1.232 / [31.29]
09	1.388 / [35.26]
10	1.544 / [39.22]
11	1.700 / [43.18]
12	1.856 / [47.14]
13	2.012 / [51.10]
14	2.168 / [55.07]
15	2.324 / [59.03]
16	2.480 / [62.99]
17	2.636 / [66.95]
18	2.792 / [70.92]
19	2.948 / [74.88]
20	3.104 / [78.84]
21	3.260 / [82.80]
22	3.416 / [86.77]

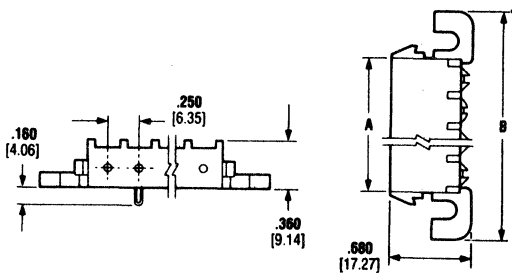
OUTLINE DRAWINGS

29H1



No. of Pos.	Dimensions		Post Length
	A	B	
12	.500	.980	.250 6.35
	12.7	24.89	.480 12.19
14	.600	1.080	.250 6.35
	15.24	27.43	.480 12.19
16	.700	1.180	.250 6.35
	17.78	29.97	.480 12.19
20	.900	1.380	.250 6.35
	22.86	35.03	.480 12.19
24	1.100	1.580	.250 6.35
	27.94	40.13	.480 12.19
30	1.400	1.880	.250 6.35
	35.56	47.75	.480 12.19
36	1.700	2.180	.250 6.35
	43.18	55.37	.480 12.19
40	1.900	2.380	.250 6.35
	48.26	60.45	.480 12.19
44	2.100	2.580	.250 6.35
	53.34	65.53	.480 12.19
50	2.400	2.880	.250 6.35
	60.96	73.15	.480 12.19
60	2.900	3.380	.250 6.35
	73.66	85.85	.480 12.19

29H5

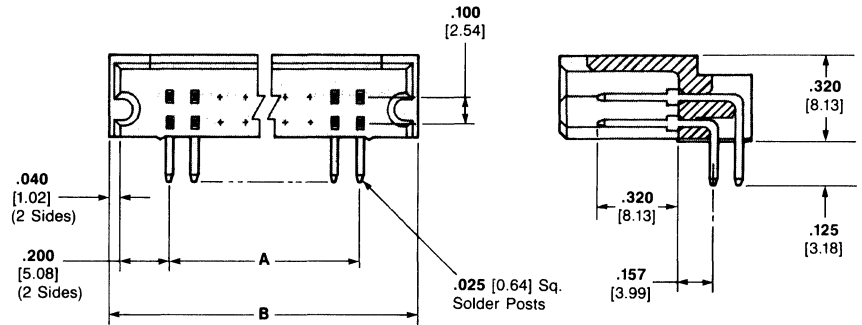
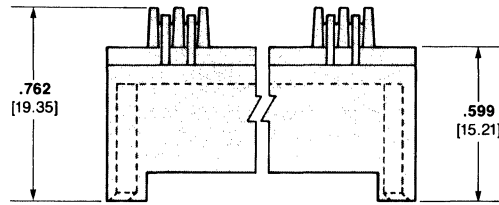


No. of Circuits	Dimensions	
	A	B
2	.550 13.97	1.245 31.62
3	.800 20.32	1.495 37.97
4	1.050 26.67	1.745 44.32
5	1.300 33.02	1.995 50.67
6	1.550 39.37	2.245 57.02
8	2.050 52.07	2.745 69.72

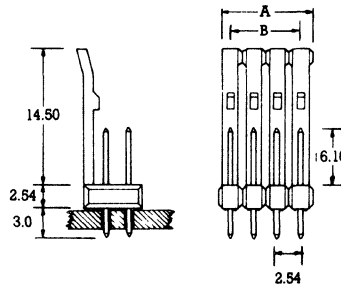
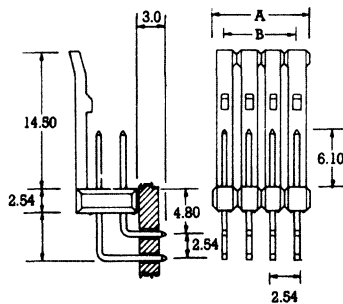
OUTLINE DRAWINGS

29H2

No. of Pos.	Dimensions	
	A	B
12	.500 12.7	.980 24.89
16	.700 17.78	1.180 29.97
20	.900 22.86	1.380 35.05
24	1.100 27.94	1.580 40.13
30	1.400 35.56	1.880 47.75
36	1.700 43.18	2.180 55.37
40	1.900 48.26	2.380 60.45
50	2.400 60.96	2.880 73.15
60	2.900 73.66	3.380 85.85
70	3.400 86.36	3.880 98.55
72	3.500 88.9	3.980 101.09
80	3.900 99.06	4.380 111.25
86	4.200 106.68	4.680 118.87
90	4.400 111.76	4.880 123.95
96	4.700 119.38	5.180 131.57
100	4.900 124.46	5.380 136.65
110	5.400 137.16	5.880 149.35
120	5.900 149.86	6.380 162.05
130	6.400 162.56	6.880 174.75
140	6.900 175.26	7.380 187.45

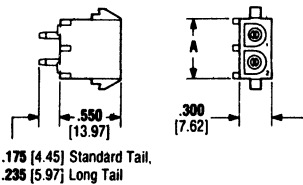


25H5



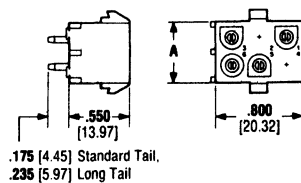
No. of ways	Dim A	Dim B
2+2	5.08	2.54
3+3	7.62	5.08
4+4	10.16	7.62
5+5	12.70	10.16
6+6	15.24	12.70
7+7	17.78	15.24
8+8	20.32	17.78
9+9	22.86	20.32
10+10	25.40	22.86
11+11	27.94	25.40
12+12	30.48	27.94

29H3



No. of Circuits	A Dim
2	.550 13.97
3	.800 20.32
4	1.050 26.67
5	1.300 33.02
6	1.550 39.37
8	2.050 52.07

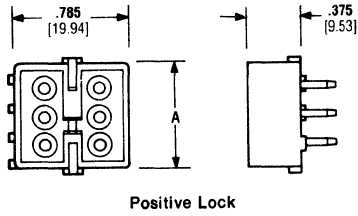
29H4



No. of Circuits	A Dim
6	.550 13.97
9	.800 20.32
12	1.050 26.67
15	1.300 33.02

OUTLINE DRAWINGS

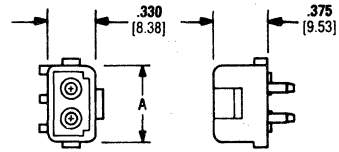
29H7



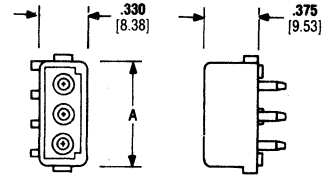
Positive Lock

No. of Circuits	A
6	.705 17.91
8	.900 22.86
10	1.095 27.81
12	1.290 32.77
16	1.680 42.67

29H6



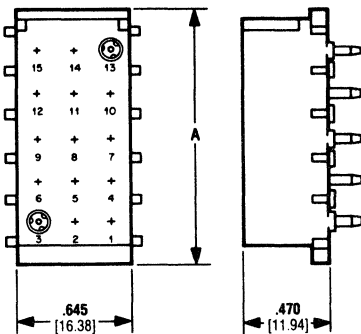
Positive Lock



Detent Lock

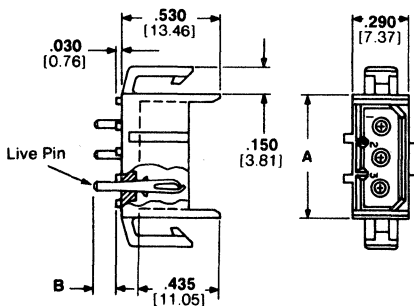
No. of Circuits	A
2	.515 13.08
3	.715 18.16
4	.915 23.24

29H9



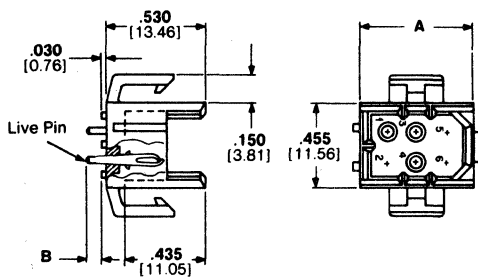
No. of Circuits	A
6	.720 18.29
9	.960 24.38
12	1.200 30.48
15	1.440 36.58

29H11



No. of Circuits	Board Thickness	Dimensions	
		A	B
2	.063 1.6	.455 11.56	.120 3.05
	.094 2.39	.455 11.56	.150 3.81
	.130 3.3	.455 11.56	.180 4.57
3	.063 1.6	.620 15.75	.120 3.05
	.094 2.39	.620 15.75	.150 3.81
	.130 3.3	.620 15.75	.150 3.81

29H12

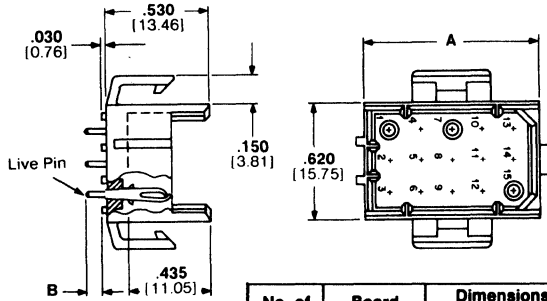


No. of Circuits	Board Thickness	Dimensions	
		A	B
4	.063 1.6	.455 11.56	.120 3.05
	.094 2.39	.455 11.56	.120 3.05
	.130 3.3	.455 11.56	.180 4.57
6	.063 1.6	.620 15.75	.120 3.05
	.094 2.39	.620 15.75	.150 3.81
	.130 3.3	.620 15.75	.180 4.57

OUTLINE DRAWINGS

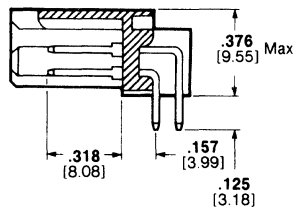
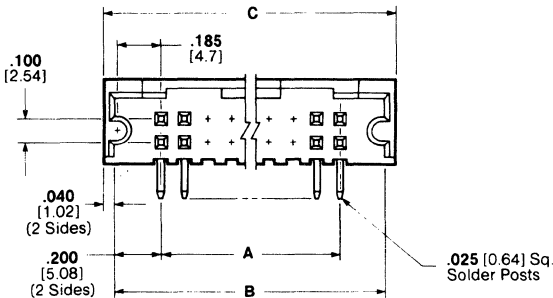
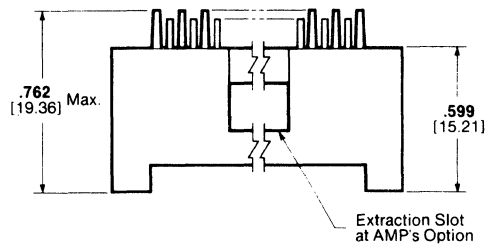
29H13

9, 12 and 15 Circuit Pin Headers



No. of Circuits	Board Thickness	Dimensions	
		A	B
9	.063 1.6	.620 15.75	.120 3.05
	.094 2.39	.620 15.75	.150 3.81
	.130 3.3	.620 15.25	.180 4.57
12	.063 1.6	.785 19.94	.120 3.05
	.094 2.39	.785 19.94	.150 3.81
	.130 3.3	.785 19.94	.180 4.57
15	.063 1.6	.950 24.13	.120 3.05
	.094 2.39	.950 24.13	.150 3.81
	.130 3.3	.950 24.13	.180 4.57

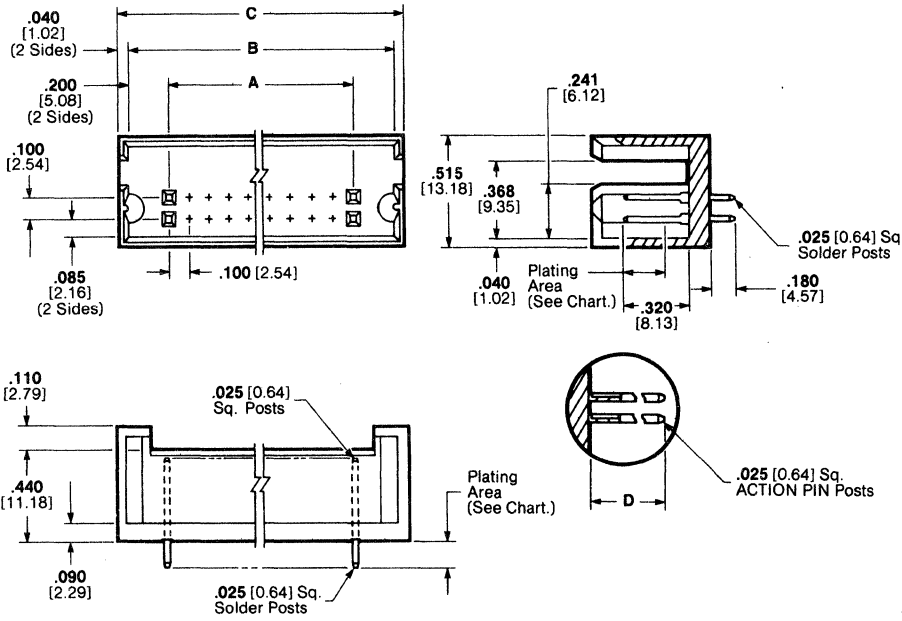
29H15



No. of Pos.	Dimensions		
	A	B	C
12	.500 12.7	.900 22.86	.980 24.89
	.900 22.86	1.300 33.02	1.380 35.05
20	.900 22.86	1.300 33.02	1.380 35.05
	1.100 27.94	1.500 38.1	1.580 40.13
24	1.100 27.94	1.500 38.1	1.580 40.13
	1.400 35.56	1.800 45.72	1.880 47.75
30	1.400 35.56	1.800 45.72	1.880 47.75
	1.700 43.18	2.100 53.34	2.180 55.37
36	1.700 43.18	2.100 53.34	2.180 55.37
	1.900 48.26	2.300 58.42	2.380 60.45
40	1.900 48.26	2.300 58.42	2.380 60.45
	2.400 60.96	2.800 71.12	2.880 73.15
50	2.400 60.96	2.800 71.12	2.880 73.15
	2.900 73.66	3.300 83.82	3.380 85.85
60	2.900 73.66	3.300 83.82	3.380 85.85
	3.400 86.36	3.800 96.52	3.880 98.55
70	3.400 86.36	3.800 96.52	3.880 98.55
	3.900 99.06	4.300 109.22	4.380 111.25
80	3.900 99.06	4.300 109.22	4.380 111.25
	4.400 111.76	4.800 121.92	4.880 123.95
90	4.400 111.76	4.800 121.92	4.880 123.95
	4.700 119.38	5.100 129.54	5.180 131.57
96	4.700 119.38	5.100 129.54	5.180 131.57
	4.900 124.46	5.300 134.62	5.380 136.65
100	4.900 124.46	5.300 134.62	5.380 136.65
	5.400 137.16	5.800 147.32	5.880 149.35
110	5.400 137.16	5.800 147.32	5.880 149.35
	5.900 149.86	6.300 160.02	6.380 162.05
120	5.900 149.86	6.300 160.02	6.380 162.05

OUTLINE DRAWINGS

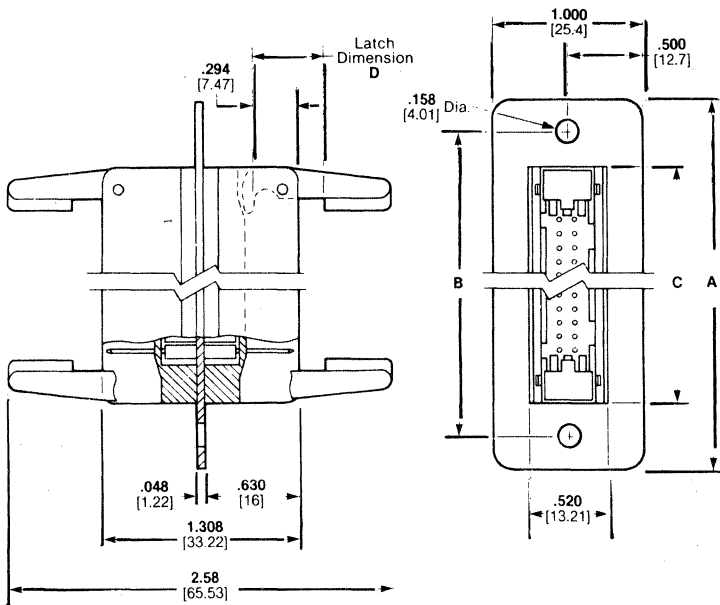
29H16



No. of Pos.	Dimensions			
	A	B	C	D
12	.500	.900	.980	.250*
	12.7	22.86	24.89	.635
20	.900	1.300	1.380	.180
	22.86	33.02	35.05	4.57
24	1.100	1.500	1.580	.250*
	27.94	38.1	40.13	.635
30	1.400	1.800	1.880	.180
	35.56	45.72	47.75	4.57
36	1.700	2.100	2.250	.180
	43.18	53.34	55.37	4.57
40	1.900	2.300	2.380	.180
	48.26	58.42	60.45	4.57
50	2.400	2.800	2.880	.250*
	60.96	71.12	73.15	.635
60	2.900	3.300	3.380	.180
	73.66	83.82	85.85	4.57
70	3.400	3.800	3.880	.180
	86.36	96.52	98.55	4.57
72	3.500	3.900	3.980	.180
	88.9	99.06	101.09	4.57
80	3.900	4.300	4.380	.250*
	99.06	109.22	111.25	.635
86	4.200	4.600	4.680	.180
	106.68	116.84	118.87	4.57
90	4.400	4.800	4.880	.250*
	111.76	121.92	123.95	.635
96	4.700	5.100	5.250	.180
	119.38	129.54	131.57	4.57
100	4.900	5.300	5.380	.250*
	124.46	134.62	136.65	.635
110	5.400	5.800	5.880	.180
	137.16	147.32	149.35	4.57
120	5.900	6.300	6.380	.250*
	149.86	160.02	162.05	.635
130	6.400	6.800	6.880	.180
	162.56	172.72	174.75	4.57
140	6.900	7.300	7.380	.250*
	175.26	185.42	187.45	.635
200	8.900	10.300	10.380	.250*
	226.06	261.62	263.65	.635

*The .250 (6.35) D dimension applies only to headers with ACTION PIN posts. Headers with solder posts have a post length of .180 (4.57).

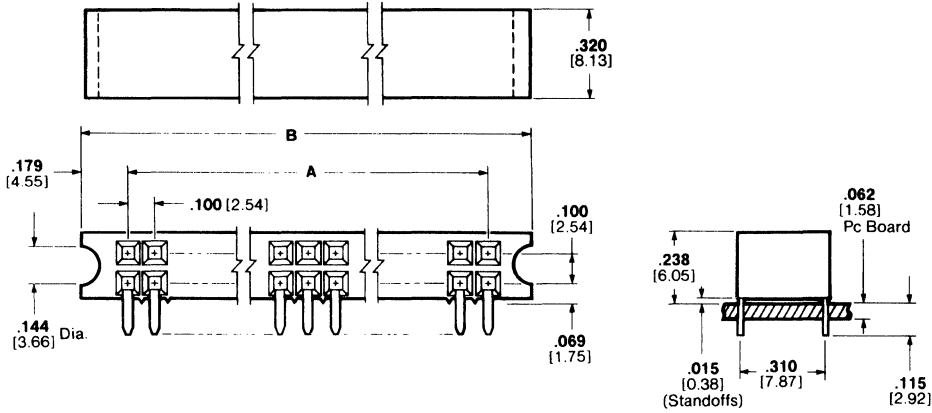
29H18



No. of Pos.	Dimensions			Filter Series	Latch Dimension D
	A	B	C		
10	2.00	1.580	1.100	20	.475(12.06)
				30	.577(14.66)
				50	.615(15.62)
				60	.655(16.64)
				70	.655(16.64)
26	2.800	2.380	1.900	20	.475(12.06)
				30	.577(14.66)
				50	.615(15.62)
				60	.655(16.64)
				70	.655(16.64)
34	3.200	2.780	2.300	20	.475(12.06)
				30	.577(14.66)
				50	.615(15.62)
				60	.655(16.64)
				70	.655(16.64)
40	3.500	3.080	2.600	20	.475(12.06)
				30	.577(14.66)
				50	.615(15.62)
				60	.655(16.64)
				70	.655(16.64)
50	4.000	3.580	3.100	20	.475(12.06)
				30	.577(14.66)
				50	.615(15.62)
				60	.655(16.64)
				70	.655(16.64)
60	4.500	4.080	3.600	20	.475(12.06)
				30	.577(14.66)
				50	.615(15.62)
				60	.655(16.64)
				70	.655(16.64)

OUTLINE DRAWINGS

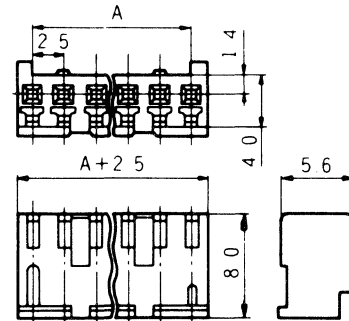
29H17



No. of Pos.	Dimensions	
	A	B
12	.500 12.7	.858 21.79
20	.900 22.86	1.258 31.95
24	1.100 27.94	1.458 37.03
30	1.400 35.56	1.758 44.65
36	1.700 43.18	2.058 52.27
40	1.900 48.26	2.258 57.35
50	2.400 60.96	2.758 70.05
60	2.900 73.66	3.258 82.75
70	3.400 86.36	3.758 95.45
72	3.500 88.9	3.858 97.99
80	3.900 99.06	4.258 108.15
86	4.200 106.68	4.558 115.77
90	4.400 111.76	4.758 120.85
96	4.700 119.38	5.058 128.47
100	4.900 124.46	5.258 133.55
110	5.400 137.16	5.758 146.25
120	5.900 149.86	6.258 158.95
130	6.400 162.56	6.758 171.65
140	6.900 175.26	7.258 184.35
200	9.900 251.46	10.258 260.55

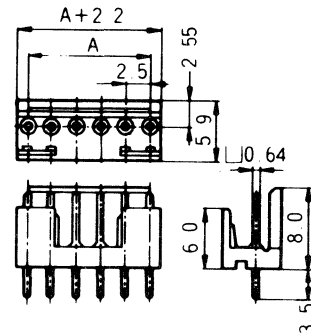
17H17

A = 2.5x (n-1) n = no. of contacts



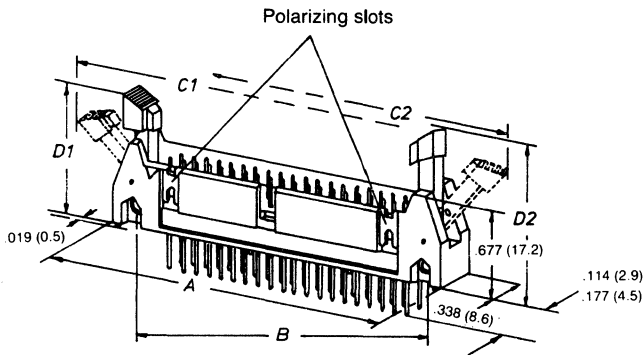
17H18

A = 2.5x (n-1) n = no. of contacts



OUTLINE DRAWINGS

31H1

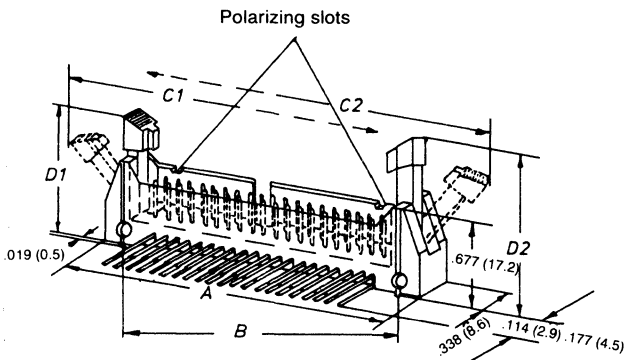


DIMENSIONS

No. of Pins	A	B	C ₁	C ₂	D ₁	D ₂
10	1.27 (32.3)	1.10 (27.9)	1.86 (47.3)	1.98 (50.3)	0.96 (24.3)	1.08 (27.4)
14	1.47 (37.3)	1.30 (33.0)	2.06 (52.3)	2.18 (55.4)	0.96 (24.3)	1.08 (27.4)
16	1.57 (39.9)	1.40 (35.6)	2.16 (54.9)	2.28 (57.9)	0.96 (24.3)	1.08 (27.4)
20	1.76 (44.8)	1.60 (40.6)	2.35 (59.8)	2.48 (63.0)	0.96 (24.3)	1.08 (27.4)
26	2.06 (52.4)	1.90 (48.3)	2.65 (67.4)	2.78 (70.6)	0.96 (24.3)	1.08 (27.4)
34	2.46 (62.6)	2.30 (58.4)	3.06 (77.6)	3.18 (80.8)	0.96 (24.3)	1.08 (27.4)
40	2.76 (70.2)	2.60 (66.0)	3.35 (85.2)	3.48 (88.4)	0.96 (24.3)	1.08 (27.4)
50	3.27 (83.0)	3.10 (78.7)	3.86 (98.0)	3.98 (101.1)	0.96 (24.3)	1.08 (27.4)
60	3.77 (95.7)	3.60 (91.4)	4.36 (110.7)	4.48 (113.8)	0.96 (24.3)	1.08 (27.4)

All dimensions are inches (mm in parentheses).

31H2

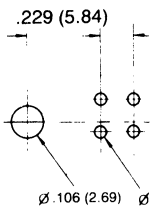


DIMENSIONS

No. of Pins	A	B	C ₁	C ₂	D ₁	D ₂
10	1.27 (32.3)	1.10 (27.9)	1.86 (47.3)	1.98 (50.3)	0.96 (24.3)	1.08 (27.4)
14	1.47 (37.3)	1.30 (33.0)	2.06 (52.3)	2.18 (55.4)	0.96 (24.3)	1.08 (27.4)
16	1.57 (39.9)	1.40 (35.6)	2.16 (54.9)	2.28 (57.9)	0.96 (24.3)	1.08 (27.4)
20	1.76 (44.8)	1.60 (40.6)	2.35 (59.8)	2.48 (63.0)	0.96 (24.3)	1.08 (27.4)
26	2.06 (52.4)	1.90 (48.3)	2.65 (67.4)	2.78 (70.6)	0.96 (24.3)	1.08 (27.4)
34	2.46 (62.6)	2.30 (58.4)	3.06 (77.6)	3.18 (80.8)	0.96 (24.3)	1.08 (27.4)
40	2.76 (70.2)	2.60 (66.0)	3.35 (85.2)	3.48 (88.4)	0.96 (24.3)	1.08 (27.4)
50	3.27 (83.0)	3.10 (78.7)	3.86 (98.0)	3.98 (101.1)	0.96 (24.3)	1.08 (27.4)
60	3.77 (95.7)	3.60 (91.4)	4.36 (110.7)	4.48 (113.8)	0.96 (24.3)	1.08 (27.4)

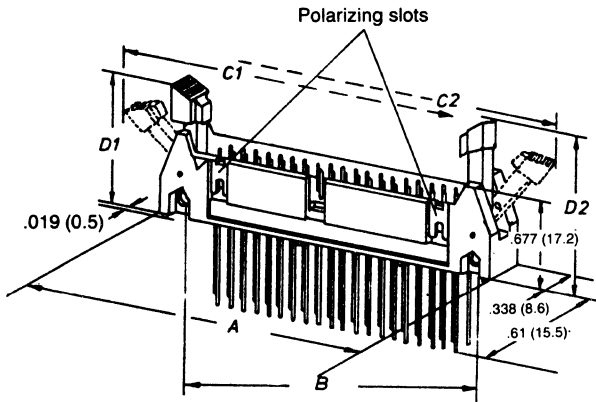
All dimensions are inches (mm in parentheses).

Mounting hole pattern



OUTLINE DRAWINGS

31H3

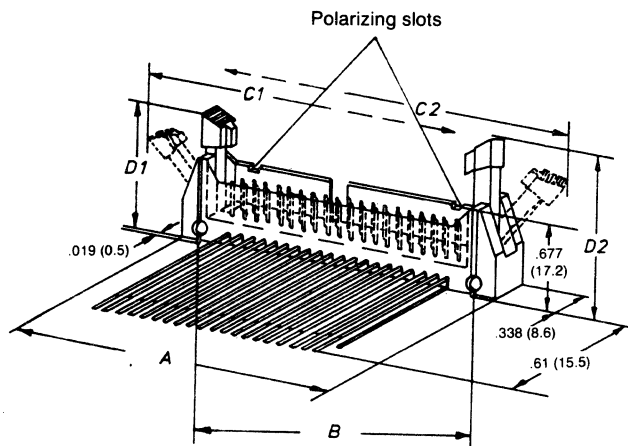


DIMENSIONS

No. of Pins	A	B	C ₁	C ₂	D ₁	D ₂
10	1.27 (32.3)	1.10 (27.9)	1.86 (47.3)	1.98 (50.3)	0.96 (24.3)	1.08 (27.4)
14	1.47 (37.3)	1.30 (33.0)	2.06 (52.3)	2.18 (55.4)	0.96 (24.3)	1.08 (27.4)
16	1.57 (39.9)	1.40 (35.6)	2.16 (54.9)	2.28 (57.9)	0.96 (24.3)	1.08 (27.4)
20	1.76 (44.8)	1.60 (40.6)	2.35 (59.8)	2.48 (63.0)	0.96 (24.3)	1.08 (27.4)
26	2.06 (52.4)	1.90 (48.3)	2.65 (67.4)	2.78 (70.6)	0.96 (24.3)	1.08 (27.4)
34	2.46 (62.6)	2.30 (58.4)	3.06 (77.6)	3.18 (80.8)	0.96 (24.3)	1.08 (27.4)
40	2.76 (70.2)	2.60 (66.0)	3.35 (85.2)	3.48 (88.4)	0.96 (24.3)	1.08 (27.4)
50	3.27 (83.0)	3.10 (78.7)	3.86 (98.0)	3.98 (101.1)	0.96 (24.3)	1.08 (27.4)
60	3.77 (95.7)	3.60 (91.4)	4.36 (110.7)	4.48 (113.8)	0.96 (24.3)	1.08 (27.4)

All dimensions are inches (mm in parentheses).

31H4



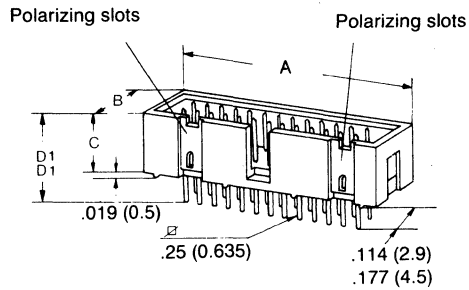
DIMENSIONS

No. of Pins	A	B	C ₁	C ₂	D ₁	D ₂
10	1.27 (32.3)	1.10 (27.9)	1.86 (47.3)	1.98 (50.3)	0.96 (24.3)	1.08 (27.4)
14	1.47 (37.3)	1.30 (33.0)	2.06 (52.3)	2.18 (55.4)	0.96 (24.3)	1.08 (27.4)
16	1.57 (39.9)	1.40 (35.6)	2.16 (54.9)	2.28 (57.9)	0.96 (24.3)	1.08 (27.4)
20	1.76 (44.8)	1.60 (40.6)	2.35 (59.8)	2.48 (63.0)	0.96 (24.3)	1.08 (27.4)
26	2.06 (52.4)	1.90 (48.3)	2.65 (67.4)	2.78 (70.6)	0.96 (24.3)	1.08 (27.4)
34	2.46 (62.6)	2.30 (58.4)	3.06 (77.6)	3.18 (80.8)	0.96 (24.3)	1.08 (27.4)
40	2.76 (70.2)	2.60 (66.0)	3.35 (85.2)	3.48 (88.4)	0.96 (24.3)	1.08 (27.4)
50	3.27 (83.0)	3.10 (78.7)	3.86 (98.0)	3.98 (101.1)	0.96 (24.3)	1.08 (27.4)
60	3.77 (95.7)	3.60 (91.4)	4.36 (110.7)	4.48 (113.8)	0.96 (24.3)	1.08 (27.4)

All dimensions are inches (mm in parentheses).

OUTLINE DRAWINGS

31H5

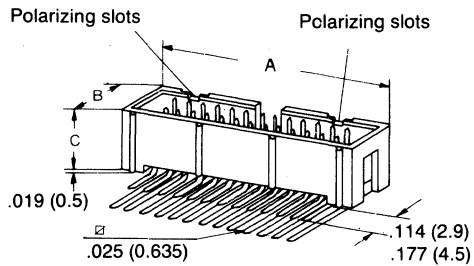


DIMENSIONS

No. of Pins	A	B	C	D ¹	D ²
10	0.76 (19.5)	0.315 (8)	0.338 (8.6)	0.472 (12)	0.535 (13.6)
14	0.97 (24.6)	0.315 (8)	0.338 (8.6)	0.472 (12)	0.535 (13.6)
16	1.07 (27.2)	0.315 (8)	0.338 (8.6)	0.472 (12)	0.535 (13.6)
20	1.27 (32.3)	0.315 (8)	0.338 (8.6)	0.472 (12)	0.535 (13.6)
26	1.57 (39.9)	0.315 (8)	0.338 (8.6)	0.472 (12)	0.535 (13.6)
34	1.97 (50.1)	0.315 (8)	0.338 (8.6)	0.472 (12)	0.535 (13.6)
40	2.28 (57.8)	0.315 (8)	0.338 (8.6)	0.472 (12)	0.535 (13.6)
50	2.78 (70.5)	0.315 (8)	0.338 (8.6)	0.472 (12)	0.535 (13.6)
60	3.28 (83.3)	0.315 (8)	0.338 (8.6)	0.472 (12)	0.535 (13.6)

All dimensions are inches (mm in parentheses).

31H6



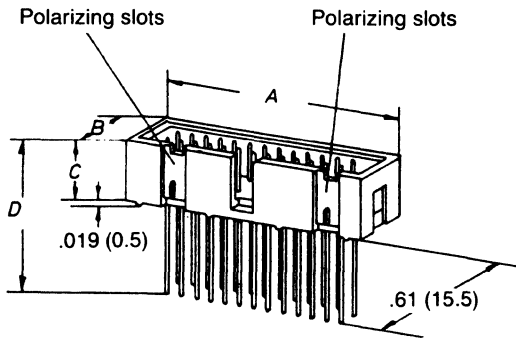
DIMENSIONS

No. of Pins	A	B	C	D ¹	D ²
10	0.76 (19.5)	0.315 (8)	0.338 (8.6)	0.472 (12)	0.535 (13.6)
14	0.97 (24.6)	0.315 (8)	0.338 (8.6)	0.472 (12)	0.535 (13.6)
16	1.07 (27.2)	0.315 (8)	0.338 (8.6)	0.472 (12)	0.535 (13.6)
20	1.27 (32.3)	0.315 (8)	0.338 (8.6)	0.472 (12)	0.535 (13.6)
26	1.57 (39.9)	0.315 (8)	0.338 (8.6)	0.472 (12)	0.535 (13.6)
34	1.97 (50.1)	0.315 (8)	0.338 (8.6)	0.472 (12)	0.535 (13.6)
40	2.28 (57.8)	0.315 (8)	0.338 (8.6)	0.472 (12)	0.535 (13.6)
50	2.78 (70.5)	0.315 (8)	0.338 (8.6)	0.472 (12)	0.535 (13.6)
60	3.28 (83.3)	0.315 (8)	0.338 (8.6)	0.472 (12)	0.535 (13.6)

All dimensions are inches (mm in parentheses).

OUTLINE DRAWINGS

31H7

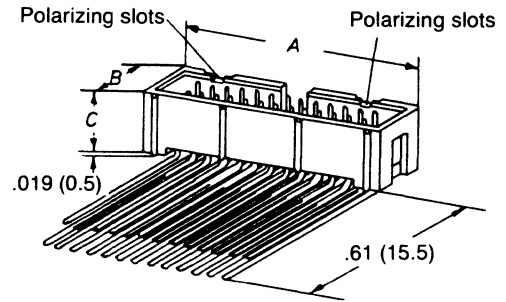


DIMENSIONS

No. of Pins	A	B	C	D
10	0.76 (19.5)	0.315 (8)	0.338 (8.6)	0.95 (24.1)
14	0.97 (24.6)	0.315 (8)	0.338 (8.6)	0.95 (24.1)
16	1.07 (27.2)	0.315 (8)	0.338 (8.6)	0.95 (24.1)
20	1.27 (32.3)	0.315 (8)	0.338 (8.6)	0.95 (24.1)
26	1.57 (39.9)	0.315 (8)	0.338 (8.6)	0.95 (24.1)
34	1.97 (50.1)	0.315 (8)	0.338 (8.6)	0.95 (24.1)
40	2.28 (57.8)	0.315 (8)	0.338 (8.6)	0.95 (24.1)
50	2.78 (70.5)	0.315 (8)	0.338 (8.6)	0.95 (24.1)
60	3.28 (83.3)	0.315 (8)	0.338 (8.6)	0.95 (24.1)

All dimensions are inches (mm in parentheses)

31H8



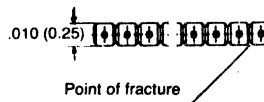
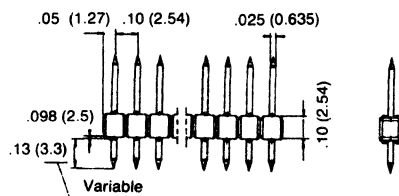
DIMENSIONS

No. of Pins	A	B	C	D
10	0.76 (19.5)	0.315 (8)	0.338 (8.6)	0.95 (24.1)
14	0.97 (24.6)	0.315 (8)	0.338 (8.6)	0.95 (24.1)
16	1.07 (27.2)	0.315 (8)	0.338 (8.6)	0.95 (24.1)
20	1.27 (32.3)	0.315 (8)	0.338 (8.6)	0.95 (24.1)
26	1.57 (39.9)	0.315 (8)	0.338 (8.6)	0.95 (24.1)
34	1.97 (50.1)	0.315 (8)	0.338 (8.6)	0.95 (24.1)
40	2.28 (57.8)	0.315 (8)	0.338 (8.6)	0.95 (24.1)
50	2.78 (70.5)	0.315 (8)	0.338 (8.6)	0.95 (24.1)
60	3.28 (83.3)	0.315 (8)	0.338 (8.6)	0.95 (24.1)

All dimensions are inches (mm in parentheses)

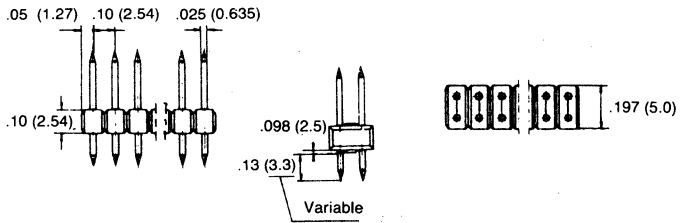
31H9

DIMENSIONS



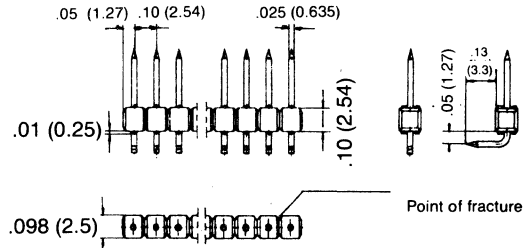
OUTLINE DRAWINGS

31H10

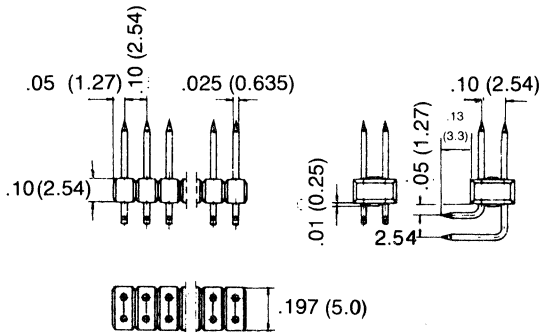


All dimensions are inches (mm in parentheses).

31H11

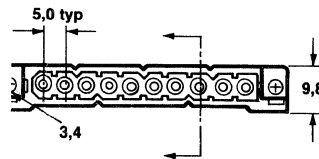
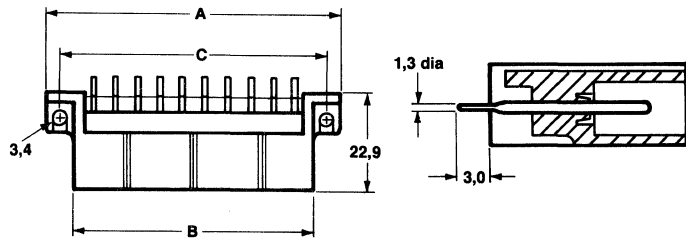


31H12



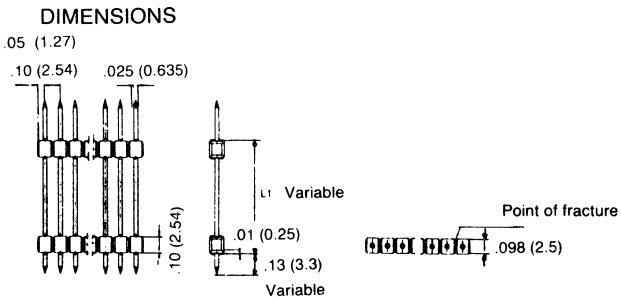
All dimensions are inches (mm in parentheses).

36H1

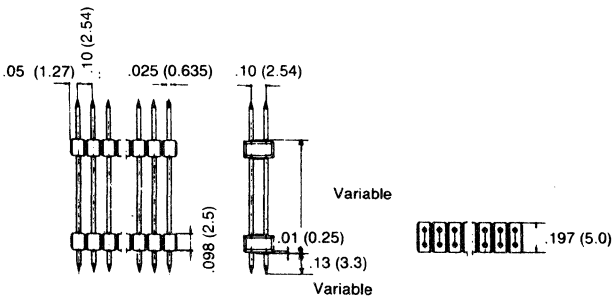


No. of positions	Dimensions (mm) D
3	16,0
4	21,1
6	31,2
9	46,5
10	51,6

31H13

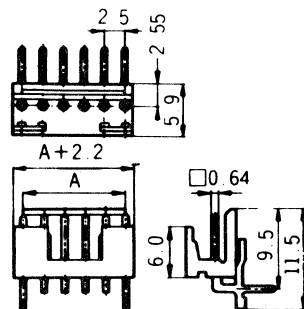


31H14



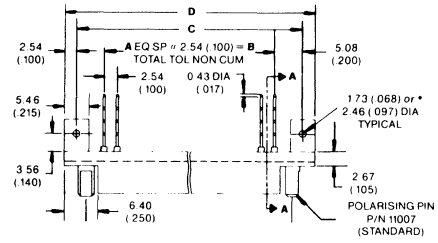
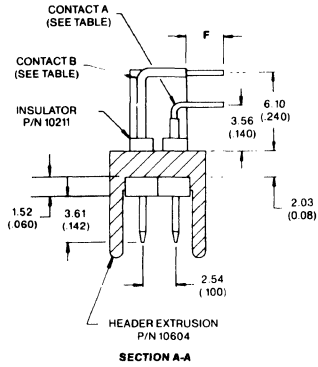
17H19

A = 2.5x(n-1) n = no. of contacts

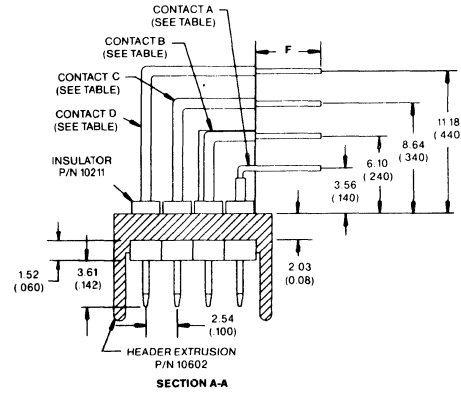
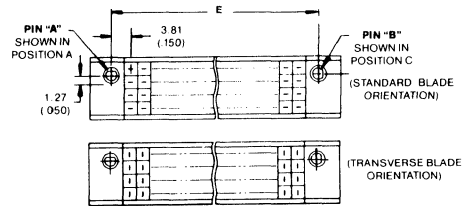
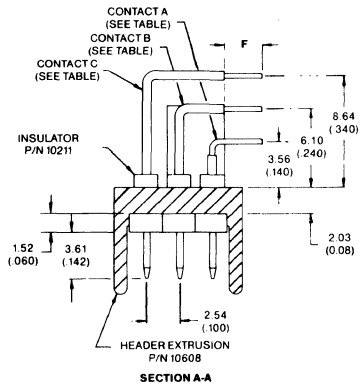


OUTLINE DRAWINGS

39H1



* FOR 1.588mm (.116")
OR 0.784mm (.312") RIVET



FOR USE WITH 1.57 (.062) P.C. BOARD

CONTACT	PART NO.	DIM. F
A	001-1821-XXX	2.67 (.105) ± .38 (.015)
B	001-1824-XXX	2.67 (.105) ± .38 (.015)
C	001-1828-XXX	2.67 (.105) ± .38 (.015)
D	001-1833-XXX	2.67 (.105) ± .38 (.015)

FOR USE WITH 3.18 (.125) P.C. BOARD

CONTACT	PART NO.	DIM. F
A	001-1822-XXX	3.56 (.140) ± .25 (.010)
B	001-1832-XXX	3.56 (.140) ± .25 (.010)
C	001-1828-XXX	3.56 (.140) ± .25 (.010)
D	001-1833-XXX	3.56 (.140) ± .25 (.010)

EXAMPLE: For 100 Contact 2 Row Header

$$A = \frac{X}{2} - 1 = \frac{100}{2} - 1 = 49$$

$$B = A \times 2.54 \text{mm (.100")} = 49 \times 2.54 \text{mm (.100")} = 124.5 \text{mm (4.900")}$$

$$C = B + 10.16 \text{mm (.400")} = 124.5 \text{mm (4.900")} + 10.16 \text{mm (.400")} = 134.6 \text{mm (5.300")}$$

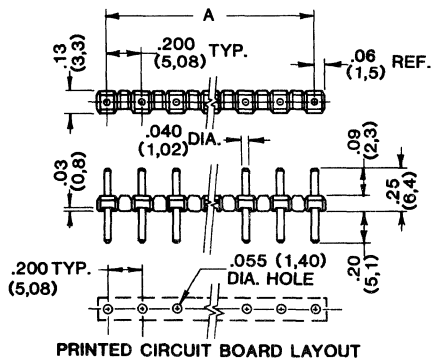
$$D = B + 15.24 \text{mm (.600")} = 124.5 \text{mm (4.900")} + 15.24 \text{mm (.600")} = 139.7 \text{mm (5.500")}$$

$$E = B + 7.62 \text{mm (.300")} = 124.5 \text{mm (4.900")} + 7.62 \text{mm (.300")} = 132.1 \text{mm (5.200")}$$

$$F = \text{(See Table)}$$

NOTE: X = Total Number of Contacts For 2 Row Header $A = \frac{X}{2} - 1$ For 3 Row Header $A = \frac{X}{3} - 1$ For 4 Row Header $A = \frac{X}{4} - 1$

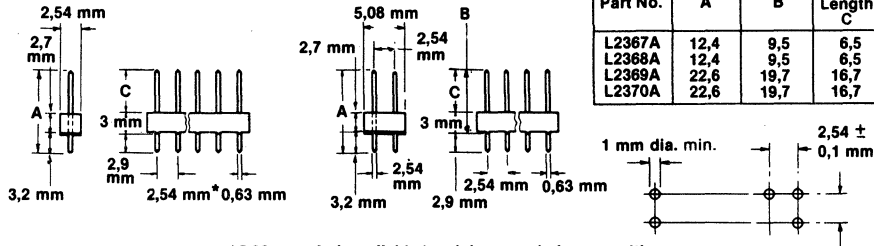
92H1



Number Terminal Positions	"A" Length Inches	"A" Length mm	RDI Catalog Number
2	0.2	5.1	2HDR-02
3	0.4	10.2	2HDR-03
4	0.6	15.2	2HDR-04
5	0.8	20.3	2HDR-05
6	1.0	25.4	2HDR-06
7	1.2	30.5	2HDR-07
8	1.4	35.6	2HDR-08
9	1.6	40.6	2HDR-09
10	1.8	45.7	2HDR-10
11	2.0	50.8	2HDR-11
12	2.2	55.9	2HDR-12
13	2.4	61.0	2HDR-13
14	2.6	66.0	2HDR-14
15	2.8	71.1	2HDR-15
16	3.0	76.2	2HDR-16

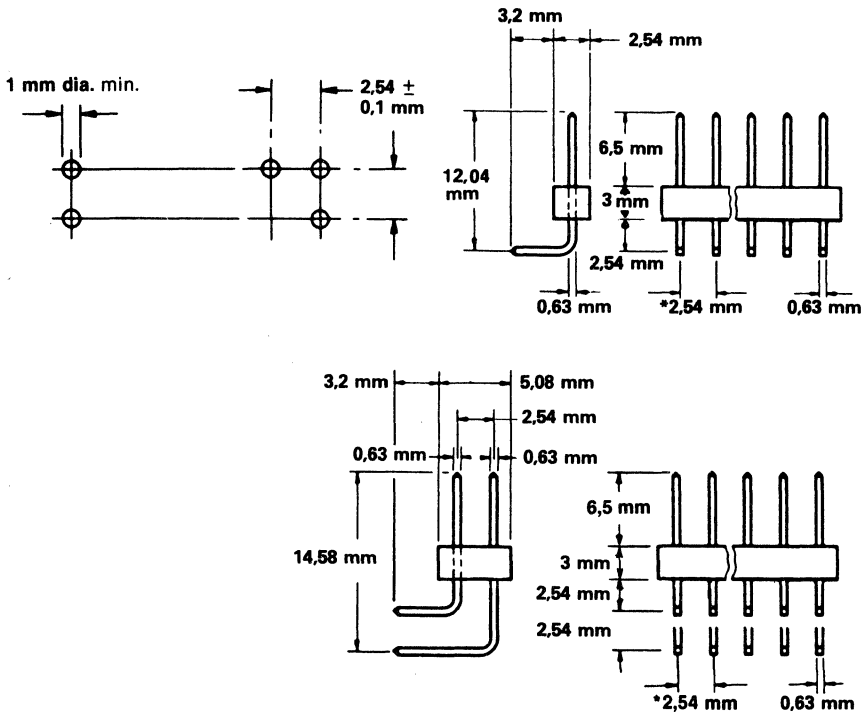
OUTLINE DRAWINGS

50H1

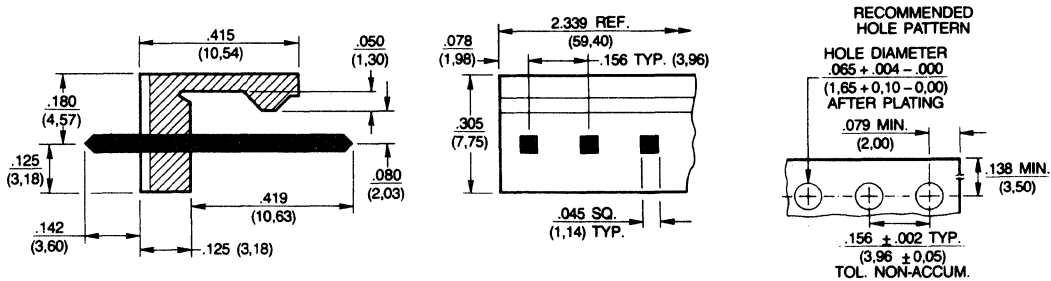


* 5,08 mm pitch available in minimum ordering quantities

50H2

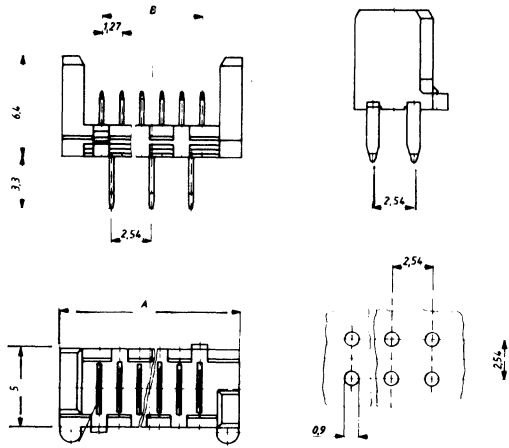


93H15



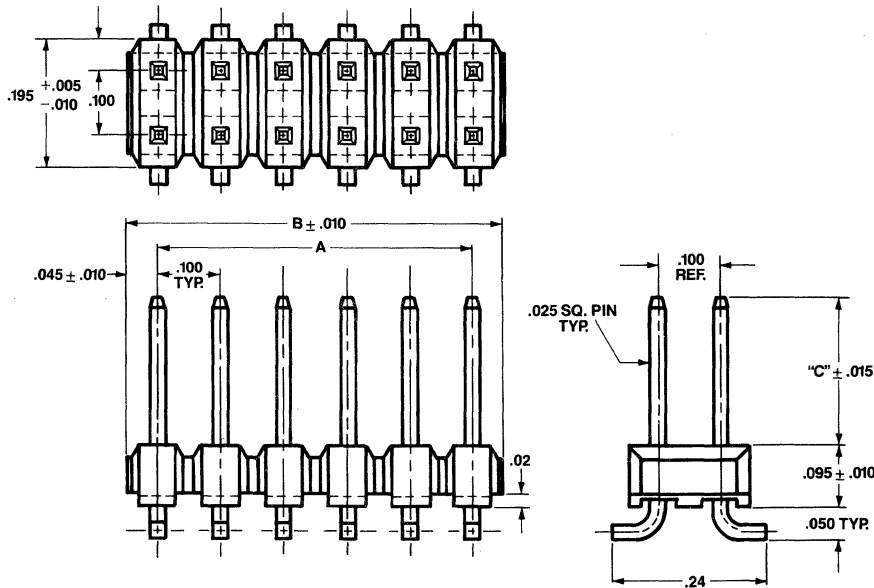
OUTLINE DRAWINGS

63H14



„Pos“	„A“	„B“	„C“
4	8,86	3,81	7,41
6	11,40	6,35	9,95
8	13,94	8,89	12,49
10	16,48	11,43	15,03
12	19,02	13,97	17,57
14	21,56	16,51	20,11
16	24,10	19,05	22,65
18	26,64	21,59	25,19
20	29,18	24,13	27,73

64H5

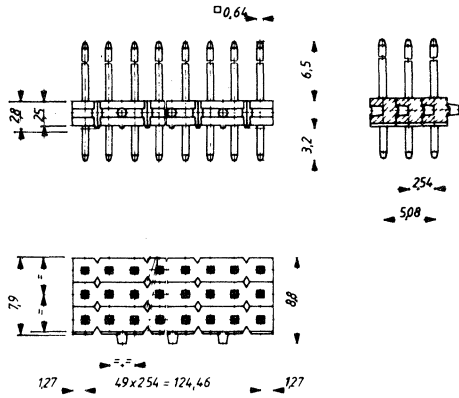


80	3.900	3.990	
78	3.800	3.890	
76	3.700	3.790	
74	3.600	3.690	
72	3.500	3.590	
70	3.400	3.490	
68	3.300	3.390	
66	3.200	3.290	
64	3.100	3.190	
62	3.000	3.090	
60	2.900	2.990	
58	2.800	2.890	
56	2.700	2.790	
54	2.600	2.690	
52	2.500	2.590	
50	2.400	2.490	
48	2.300	2.390	
46	2.200	2.290	
44	2.100	2.190	
42	2.000	2.090	
40	1.900	1.990	
38	1.800	1.890	
36	1.700	1.790	
34	1.600	1.690	
32	1.500	1.590	
30	1.400	1.490	
28	1.300	1.390	
26	1.200	1.290	
24	1.100	1.190	
22	1.000	1.090	
20	.900	.990	
18	.800	.890	
16	.700	.790	
14	.600	.690	
12	.500	.590	
10	.400	.490	
8	.300	.390	
6	.200	.290	
4	.100	.190	
No OF CIRCUITS	DIM "A"	DIM "B"	DIM "C"

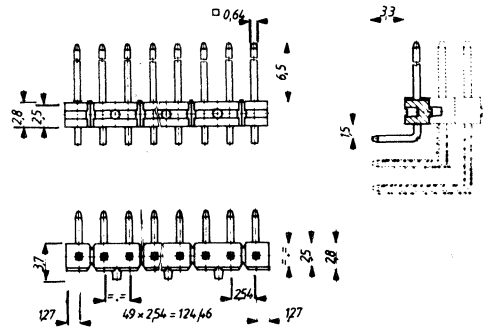
.230
.320

OUTLINE DRAWINGS

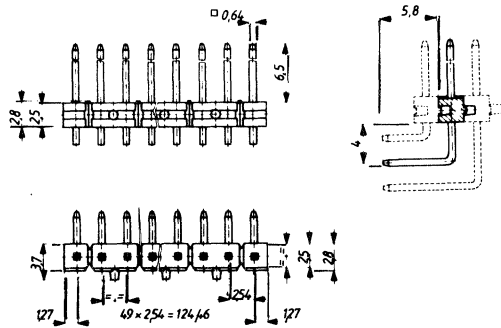
63H18



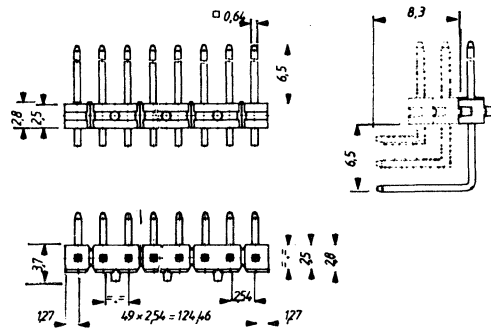
63H19



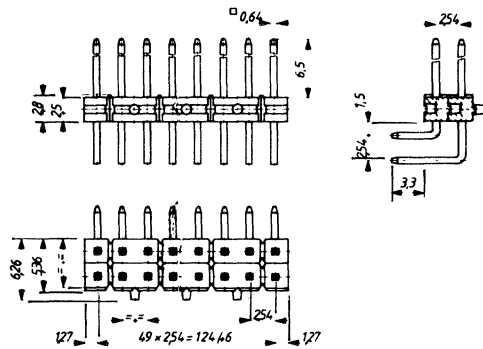
63H20



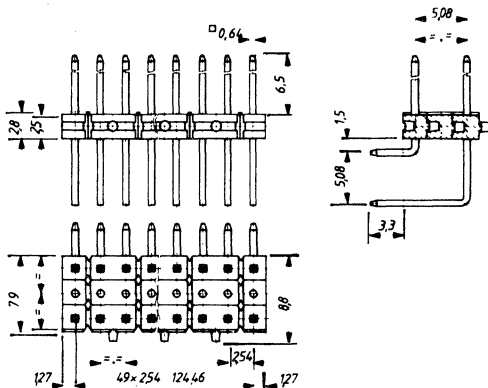
63H21



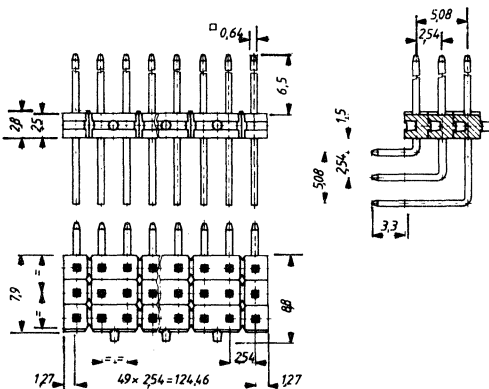
63H22



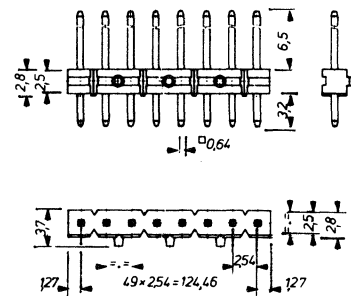
63H23



63H24

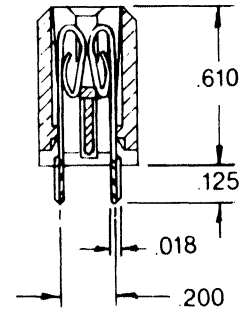
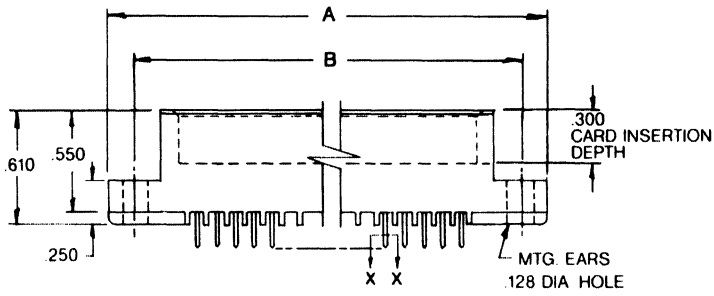


63H15

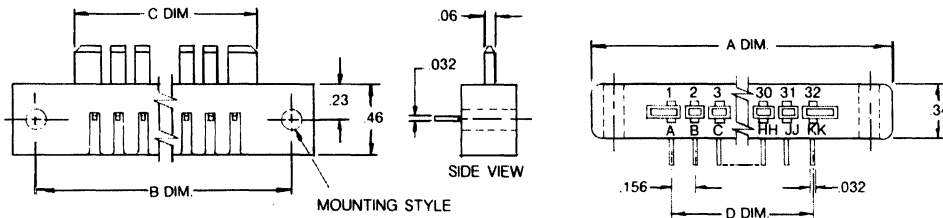


OUTLINE DRAWINGS

64H1



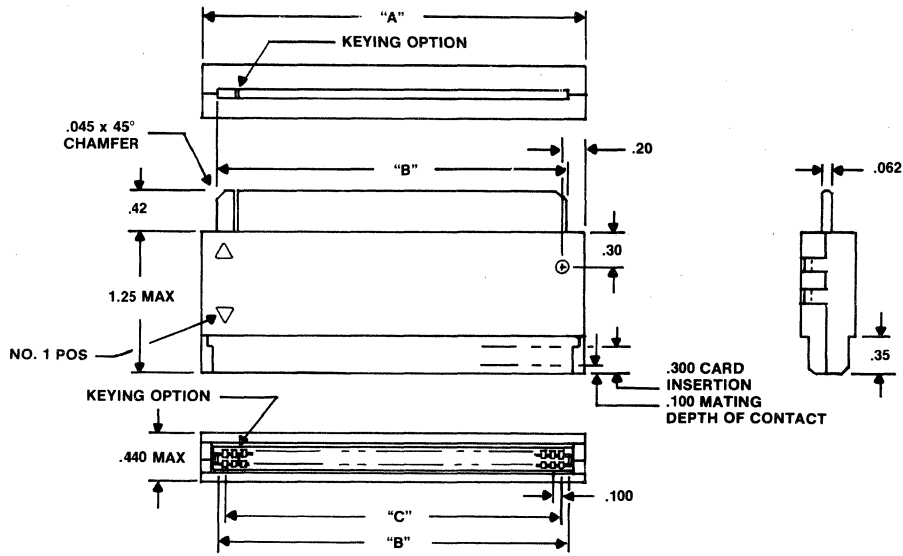
64H2



NO. OF CONTACTS	A DIM.	B DIM.	C DIM.	D DIM.
6	1.826	1.530	1.066	.780
8	2.138	1.842	1.378	1.092
10	2.450	2.154	1.690	1.404
12	2.762	2.466	2.002	1.716
15	3.230	2.934	2.470	2.184
18	3.698	3.402	2.938	2.652
22	4.322	4.026	3.562	3.276
24	4.634	4.338	3.874	3.588

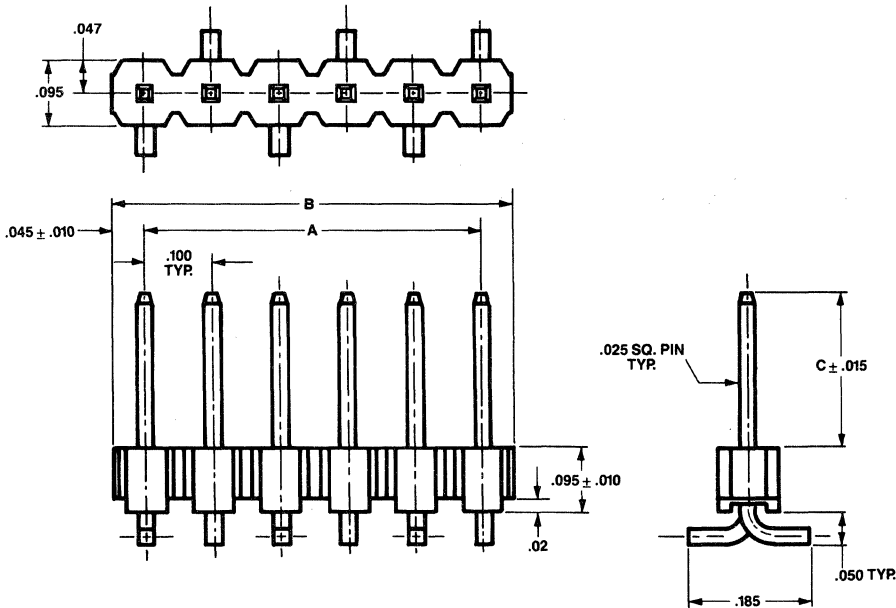
OUTLINE DRAWINGS

64H3



NO. OF ROW/POS	DIMENSIONS		
	A	B	C
30/60	3.50MAX	3.075	2.900
17/34	2.20MAX	1.775	1.600

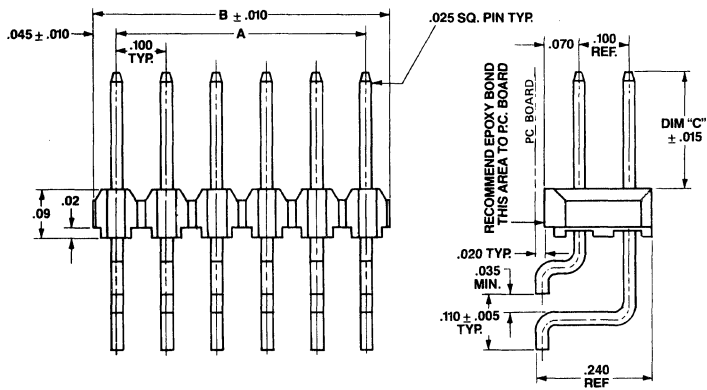
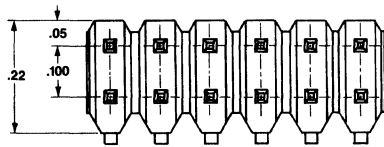
64H4



No OF POS	DIM "A"	DIM "B"	DIM "C"
2	.100	.190	
3	.200	.290	
4	.300	.390	
5	.400	.490	
6	.500	.590	
7	.600	.690	
8	.700	.790	
9	.800	.890	
10	.900	.990	
11	1.000	1.090	
12	1.100	1.190	
13	1.200	1.290	
14	1.300	1.390	
15	1.400	1.490	
16	1.500	1.590	
17	1.600	1.690	.230
18	1.700	1.790	.320
19	1.800	1.890	
20	1.900	1.990	
21	2.000	2.090	
22	2.100	2.190	
23	2.200	2.290	
24	2.300	2.390	
25	2.400	2.490	
26	2.500	2.590	
27	2.600	2.690	
28	2.700	2.790	
29	2.800	2.890	
30	2.900	2.990	
31	3.000	3.090	
32	3.100	3.190	
33	3.200	3.290	
34	3.300	3.390	
35	3.400	3.490	
36	3.500	3.590	
37	3.600	3.690	
38	3.700	3.790	
39	3.800	3.890	
40	3.900	3.990	

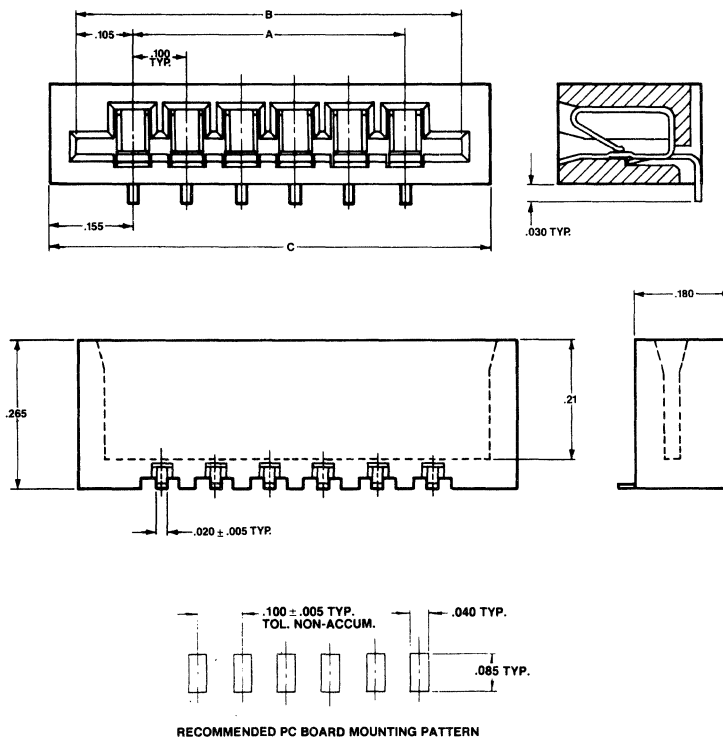
OUTLINE DRAWINGS

64H6



80	3.900	3.990	.230 3.20
78	3.800	3.890	
76	3.700	3.790	
74	3.600	3.690	
72	3.500	3.590	
70	3.400	3.490	
68	3.300	3.390	
66	3.200	3.290	
64	3.100	3.190	
62	3.000	3.090	
60	2.900	2.990	
58	2.800	2.890	
56	2.700	2.790	
54	2.600	2.690	
52	2.500	2.590	
50	2.400	2.490	
48	2.300	2.390	
46	2.200	2.290	
44	2.100	2.190	
42	2.000	2.090	
40	1.900	1.990	
38	1.800	1.890	
36	1.700	1.790	
34	1.600	1.690	
32	1.500	1.590	
30	1.400	1.490	
28	1.300	1.390	
26	1.200	1.290	
24	1.100	1.190	
22	1.000	1.090	
20	.900	.990	
18	.800	.890	
16	.700	.790	
14	.600	.690	
12	.500	.590	
10	.400	.490	
8	.300	.390	
6	.200	.290	
4	.100	.190	
No OF CIRCUITS	DIM "A"	DIM "B"	

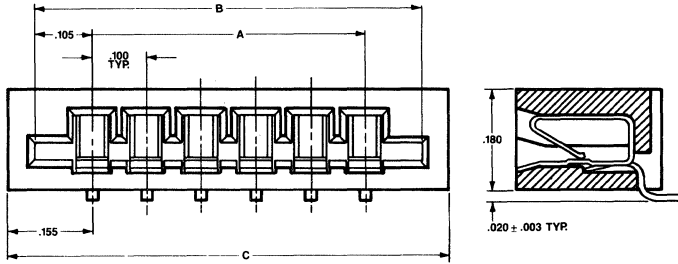
64H7



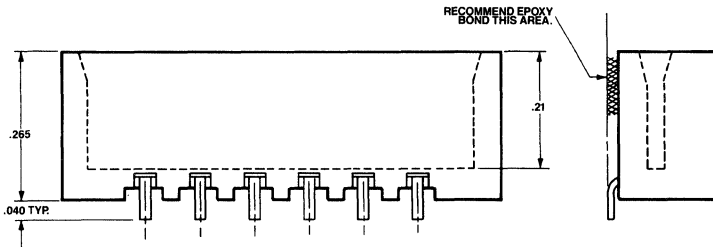
No OF POS.	DIM "A"	DIM "B"	DIM "C"
5	.400	.610	.710
6	.500	.710	.810
7	.600	.810	.910
8	.700	.910	1.010
9	.800	1.010	1.110
10	.900	1.110	1.210
11	1.000	1.210	1.310
12	1.100	1.310	1.410
13	1.200	1.410	1.510
14	1.300	1.510	1.610
15	1.400	1.610	1.710
16	1.500	1.710	1.810
17	1.600	1.810	1.910
18	1.700	1.910	2.010
19	1.800	2.010	2.110
20	1.900	2.110	2.210
21	2.000	2.210	2.310
22	2.100	2.310	2.410
23	2.200	2.410	2.510
24	2.300	2.510	2.610
25	2.400	2.610	2.710
26	2.500	2.710	2.810
27	2.600	2.810	2.910
28	2.700	2.910	3.010
29	2.800	3.010	3.110
30	2.900	3.110	3.210

OUTLINE DRAWINGS

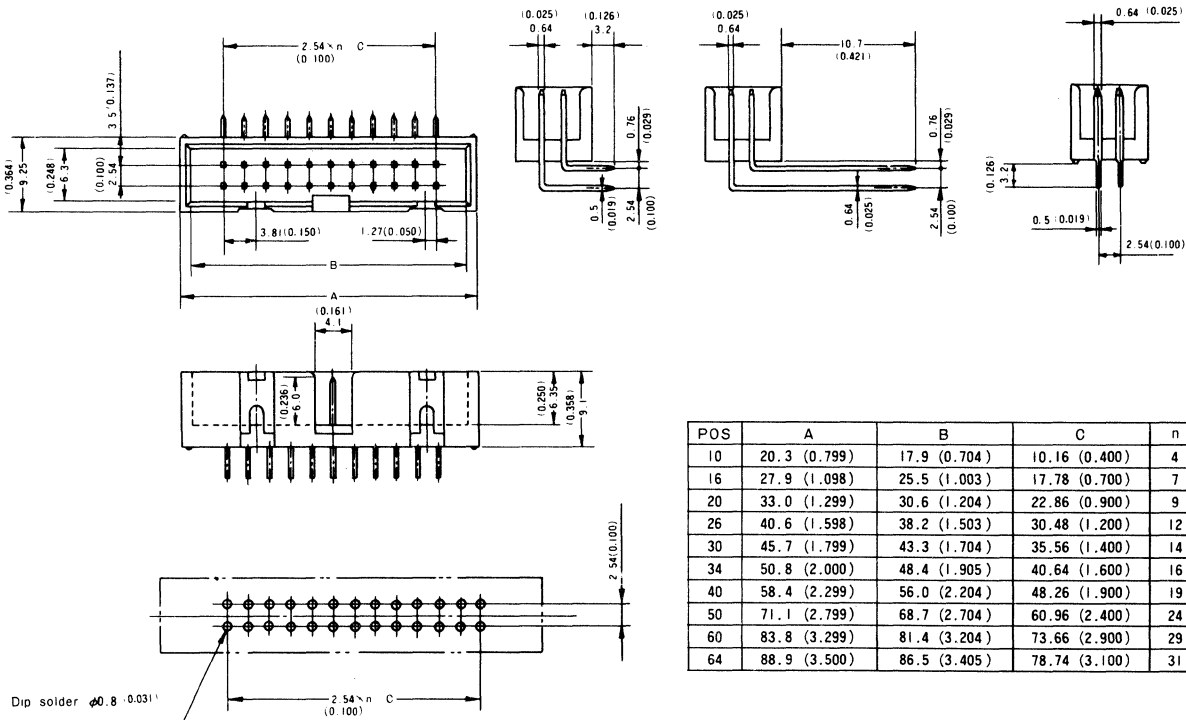
64H8



NO. OF POS	DIM "A"	DIM "B"	DIM "C"
5	.400	.610	.710
6	.500	.710	.810
7	.600	.810	.910
8	.700	.910	1.010
9	.800	1.010	1.110
10	.900	1.110	1.210
11	1.000	1.210	1.310
12	1.100	1.310	1.410
13	1.200	1.410	1.510
14	1.300	1.510	1.610
15	1.400	1.610	1.710
16	1.500	1.710	1.810
17	1.600	1.810	1.910
18	1.700	1.910	2.010
19	1.800	2.010	2.110
20	1.900	2.110	2.210
21	2.000	2.210	2.310
22	2.100	2.310	2.410
23	2.200	2.410	2.510
24	2.300	2.510	2.610
25	2.400	2.610	2.710
26	2.500	2.710	2.810
27	2.600	2.810	2.910
28	2.700	2.910	3.010
29	2.800	3.010	3.110
30	2.900	3.110	3.210



97H4

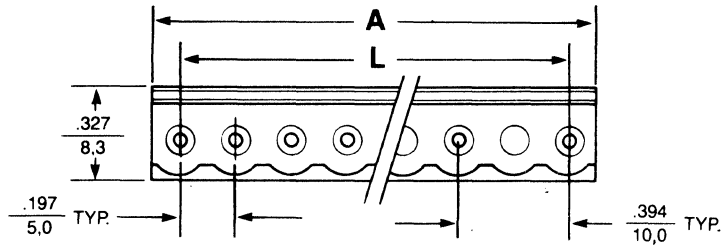


POS	A	B	C	n
10	20.3 (0.799)	17.9 (0.704)	10.16 (0.400)	4
16	27.9 (1.098)	25.5 (1.003)	17.78 (0.700)	7
20	33.0 (1.299)	30.6 (1.204)	22.86 (0.900)	9
26	40.6 (1.598)	38.2 (1.503)	30.48 (1.200)	12
30	45.7 (1.799)	43.3 (1.704)	35.56 (1.400)	14
34	50.8 (2.000)	48.4 (1.905)	40.64 (1.600)	16
40	58.4 (2.299)	56.0 (2.204)	48.26 (1.900)	19
50	71.1 (2.799)	68.7 (2.704)	60.96 (2.400)	24
60	83.8 (3.299)	81.4 (3.204)	73.66 (2.900)	29
64	88.9 (3.500)	86.5 (3.405)	78.74 (3.100)	31

OUTLINE DRAWINGS

65H1

65H2

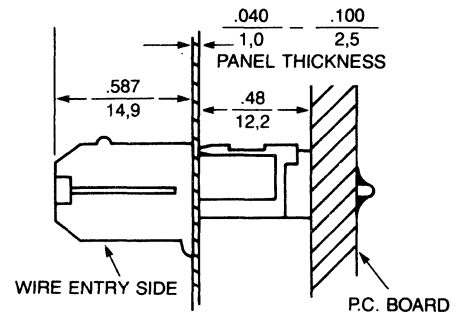
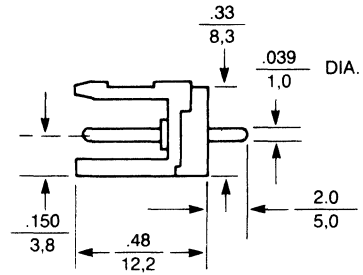


65H1

65H2

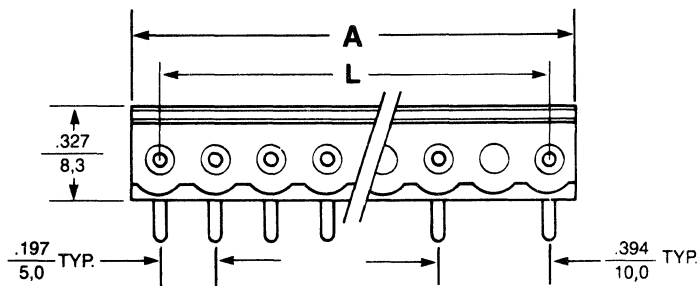
No. of Circuits	L		B	
	in.	mm	in.	mm
2	.20	5	.39	10
3	.39	10	.59	15
4	.59	15	.79	20
6	.98	25	1.18	30
8	1.38	35	1.57	40
10	1.77	45	1.97	50
12	2.17	55	2.36	60
14	2.56	65	2.76	70
16	2.95	75	3.15	80
18	3.35	85	3.54	90
20	3.74	95	3.94	100

No. of Circuits	L		B	
	in.	mm	in.	mm
2	.39	10	.59	15
3	.79	20	.98	25
4	1.18	30	1.38	35
5	1.57	40	1.77	45
6	1.97	50	2.17	55
7	2.36	60	2.56	65
8	2.76	70	2.95	75
9	3.15	80	3.35	85
10	3.54	90	3.74	95



65H3

65H4

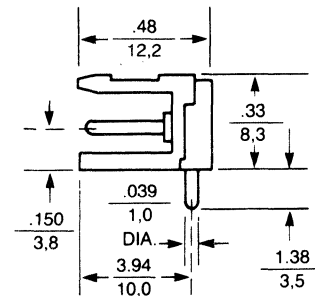


65H3

65H4

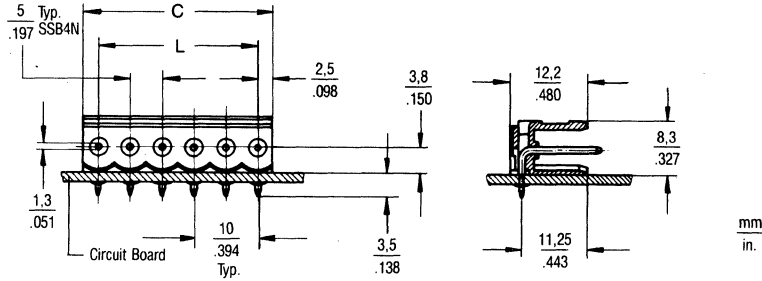
No. of Circuits	L		B	
	in.	mm	in.	mm
2	.39	10	.59	15
3	.79	20	.98	25
4	1.18	30	1.38	35
5	1.57	40	1.77	45
6	1.97	50	2.17	55
7	2.36	60	2.56	65
8	2.76	70	2.95	75
9	3.15	80	3.35	85
10	3.54	90	3.74	95

No. of Circuits	L		B	
	in.	mm	in.	mm
2	.20	5	.39	10
3	.39	10	.59	15
4	.59	15	.79	20
6	.98	25	1.18	30
8	1.38	35	1.57	40
10	1.77	45	1.97	50
12	2.17	55	2.36	60
14	2.56	65	2.76	70
16	2.95	75	3.15	80
18	3.35	85	3.54	90
20	3.74	95	3.94	100



OUTLINE DRAWINGS

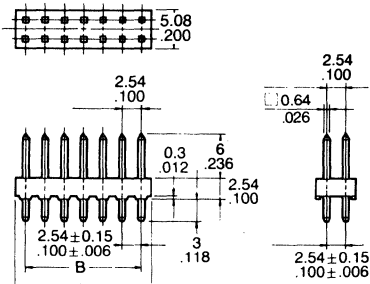
65H8



No. of Circuits	Dimensions			
	mm	L	in.	C
02	5	.20	10	.39
03	10	.39	15	.59
04	15	.59	20	.79

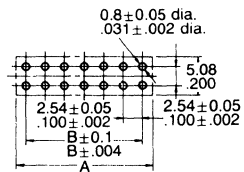
No. of Circuits	Dimensions			
	mm	L	in.	C
02	10	.39	15	.59

90H10



Tolerance: $\pm 0.3 \pm .012$

PC board pattern (Bottom view)



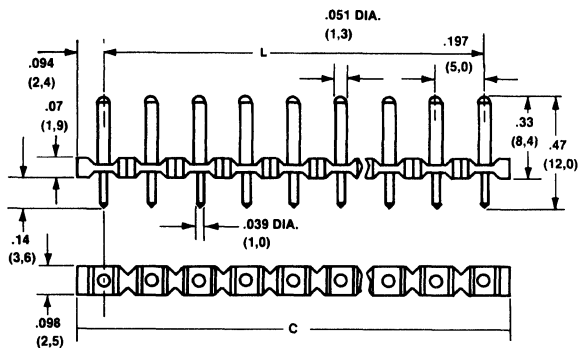
Dimension table

mm inch

No. of contacts	A (mm inch)	B (mm inch)
10	12.7 .500	10.16 .400
14	17.78 .700	15.24 .600
16	20.32 .800	17.78 .700
20	25.4 1.000	22.86 .900
26	33.02 1.300	30.48 1.200
30	38.1 1.500	35.56 1.400
34	43.18 1.700	40.64 1.600
40	50.8 2.000	48.26 1.900
50	63.5 2.500	60.96 2.400
60	76.2 3.000	73.66 2.900
64	81.28 3.200	78.74 3.100

OUTLINE DRAWINGS

65H5

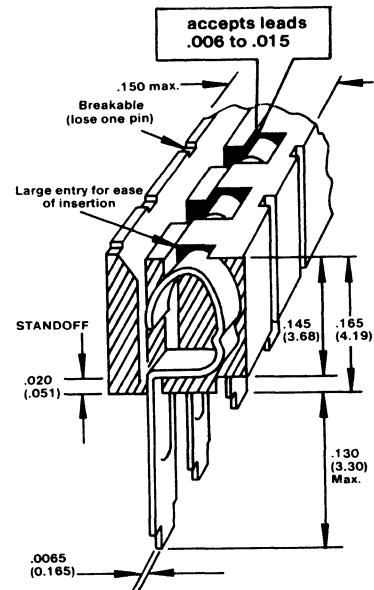


SSB41 (5mm)

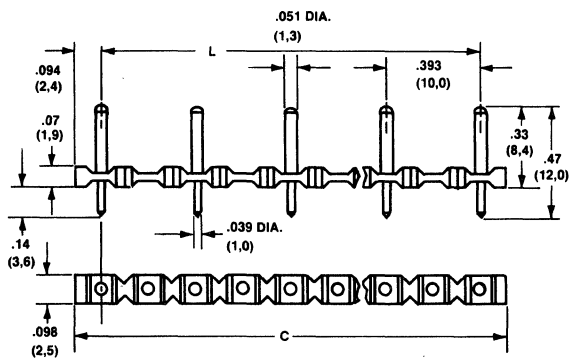
Catalog Number	No. of Circuits	Dimensions			
		mm	in.	mm	in.
SSB4102S	02	5	.20	10	.39
SSB4103S	03	10	.39	15	.59
SSB4104S	04	15	.59	20	.79
SSB4105S	05	20	.79	25	.98
SSB4106S	06	25	.98	30	1.18
SSB4107S	07	30	1.18	35	1.38
SSB4108S	08	35	1.38	40	1.58
SSB4109S	09	40	1.58	45	1.77
SSB4110S	10	45	1.77	50	1.97
SSB4111S	11	50	1.97	55	2.17
SSB4112S	12	55	2.17	60	2.36
SSB4113S	13	60	2.36	65	2.56
SSB4114S	14	65	2.56	70	2.76
SSB4115S	15	70	2.76	75	2.95
SSB4116S	16	75	2.95	80	3.15
SSB4117S	17	80	3.15	85	3.35
SSB4118S	18	85	3.35	90	3.54
SSB4119S	19	90	3.54	95	3.74
SSB4120S	20	95	3.74	100	3.94
SSB4121S	21	100	3.94	105	4.13
SSB4122S	22	105	4.13	110	4.33
SSB4123S	23	110	4.33	115	4.53
SSB4124S	24	115	4.53	120	4.72

**FOR PLATING OPTIONS SEE PAGE 15

119H1

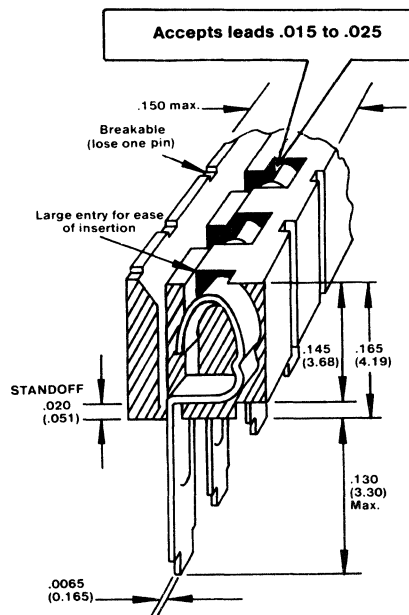


65H6



No. of Circuits	Dimensions			
	mm	L in.	mm	C in.
02	10	.39	15	.59
03	20	.78	25	.98
04	30	1.18	35	1.38
05	40	1.58	45	1.77
06	50	1.97	55	2.17
07	60	2.36	65	2.56
08	70	2.76	75	2.95
09	80	3.15	85	3.35
10	90	3.54	95	3.74
11	100	3.94	105	4.13
12	110	4.33	115	4.53

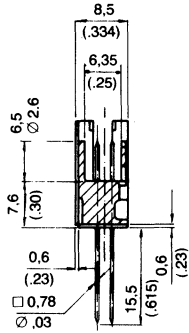
119H2



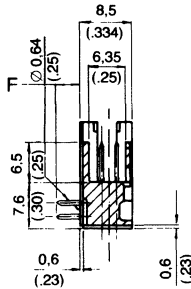
OUTLINE DRAWINGS

66H1

wire wrap

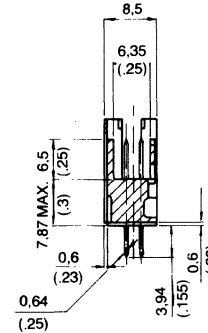


angled spill

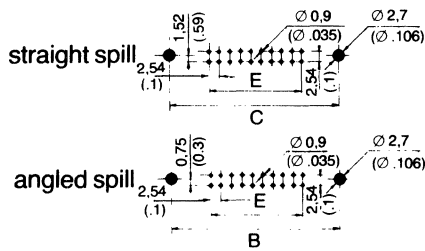


termination 13
 $F = 3,94 (.155)$
 termination 23
 $F = 2,8 (.110)$

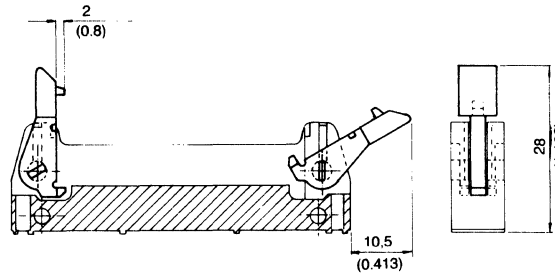
straight spill



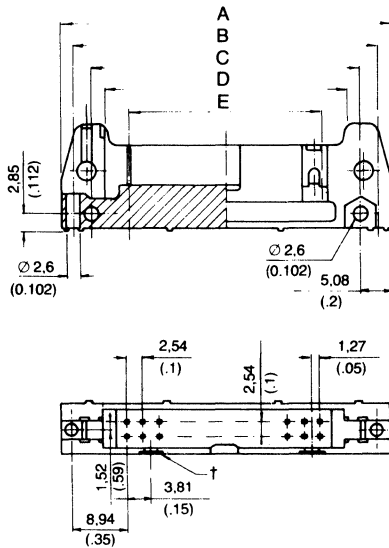
wiring board preparation



receptacle with levers



receptacle without levers



† not applicable to sizes 10 and 14

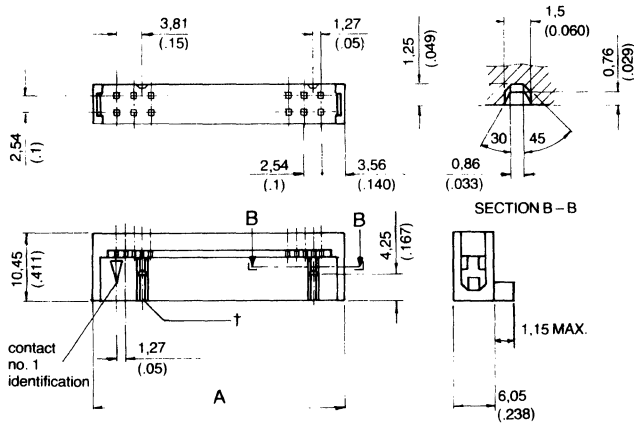
* consult us

no. of contacts	A	B	C	D	E
10	32 (1.26)	27,94 (1.10)	21,84 (.86)	17,19 (.705)	10,16 (.4)
14	37,08 (1.459)	33,02 (1.3)	26,92 (1.059)	22,99 (0.905)	15,24 (0.6)
16	39,62 (1.559)	35,56 (1.4)	29,46 (1.159)	25,53 (1.005)	17,78 (0.7)
20	44,7 (1.76)	40,64 (1.60)	34,54 (1.36)	30,61 (1.205)	22,86 (.9)
26	52,32 (2.06)	48,26 (1.90)	42,16 (1.66)	38,23 (1.505)	30,48 (1.2)
34	62,48 (2.46)	58,42 (2.30)	52,32 (2.06)	48,39 (1.905)	40,64 (1.6)
40	70,1 (2.76)	66,04 (2.60)	59,94 (2.36)	56,01 (2.205)	48,26 (1.9)
50	82,80 (3.26)	78,74 (3.1)	72,64 (2.86)	68,71 (2.705)	60,96 (2.4)
60*	95,5 (3.76)	91,4 (3.60)	85,34 (3.36)	81,03 (3.19)	73,66 (2.9)

OUTLINE DRAWINGS

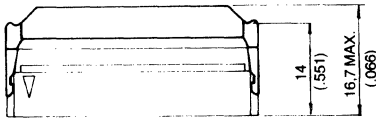
66H2

dimensions plug without strain relief

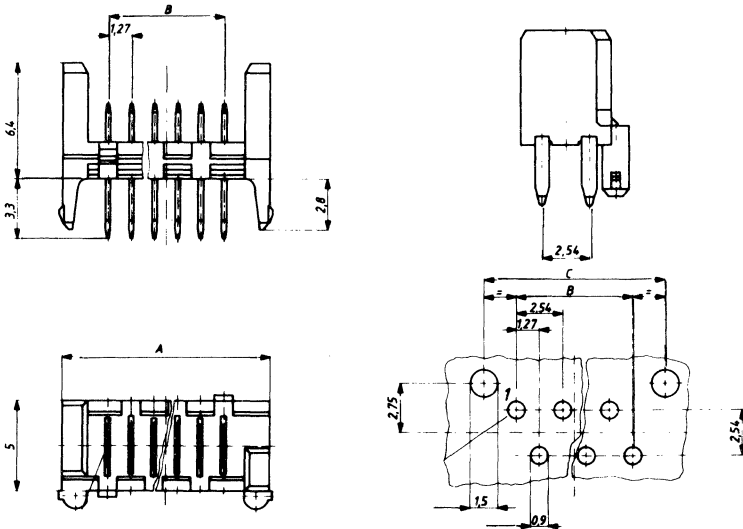


no. of contacts	dim-ension A	no. of contacts	part number
10	17,20 (.677)	10	8613-6010
14	22,28 (.877)	14	8613-6014
16	24,82 (.977)	16	8613-6016
20	29,90 (1.177)	20	8613-6020
26	37,52 (1.477)	26	8613-6026
34	47,68 (1.877)	34	8613-6034
40	55,30 (2.177)	40	8613-6040
50	68 (2.677)	50	8613-6050
60*	80,80 (3.18)	60*	8613-6060

dimensions plug with strain relief



63H13

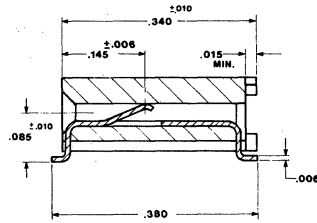
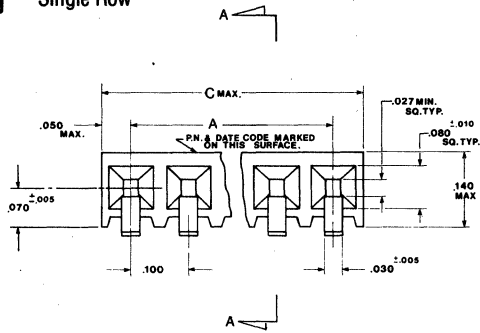


„Pos“	„A“	„B“	„C“
4	8,86	3,81	7,41
6	11,40	6,35	9,95
8	13,94	8,89	12,49
10	16,48	11,43	15,03
12	19,02	13,97	17,57
14	21,56	16,51	20,11
16	24,10	19,05	22,65
18	26,64	21,59	25,19
20	29,18	24,13	27,73

OUTLINE DRAWINGS

69H1

Single Row

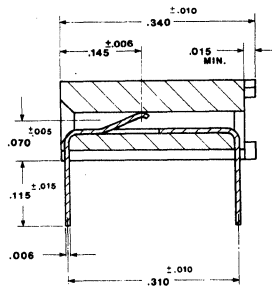
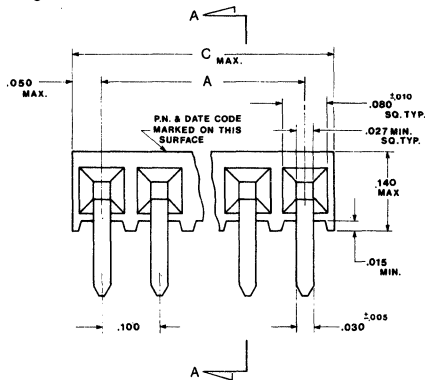


SECTION A-A

Dimension calculations: $A \pm .005" = C \text{ max minus } .100"$
 $B \pm .005" = D \text{ max minus } .100"$
 $C \text{ max} = \text{number of contacts} \div 10$
 $D \text{ max} = \text{number of contacts} \div 20$

69H2

Single Row

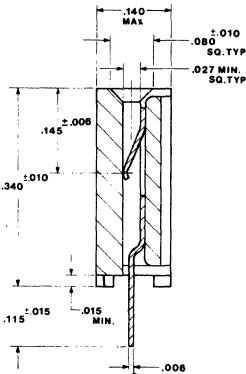
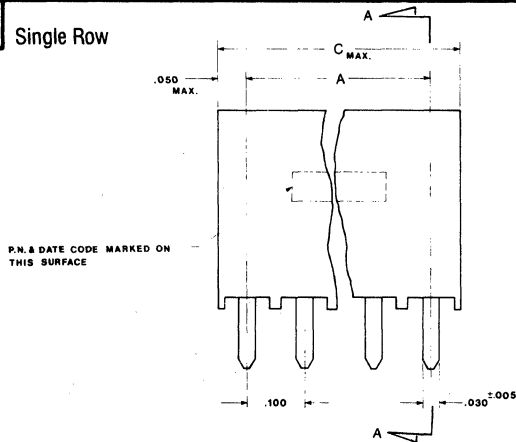


SECTION A-A

Dimension calculations: $A \pm .005" = C \text{ max minus } .100"$
 $B \pm .005" = D \text{ max minus } .100"$
 $C \text{ max} = \text{number of contacts} \div 10$
 $D \text{ max} = \text{number of contacts} \div 20$

69H3

Single Row

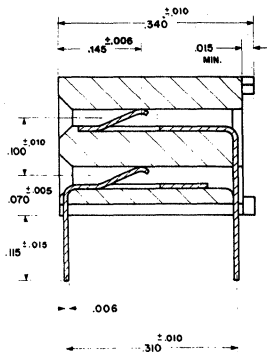
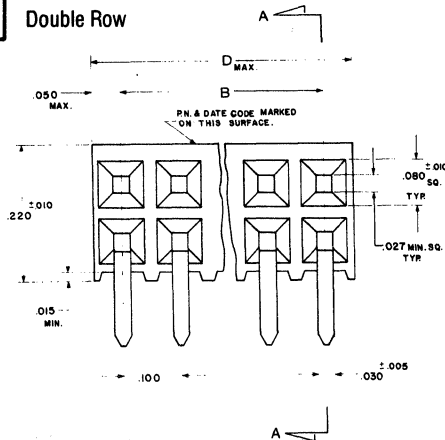


SECTION A-A

Dimension calculations: $A \pm .005" = C \text{ max minus } .100"$
 $B \pm .005" = D \text{ max minus } .100"$
 $C \text{ max} = \text{number of contacts} \div 10$
 $D \text{ max} = \text{number of contacts} \div 20$

69H5

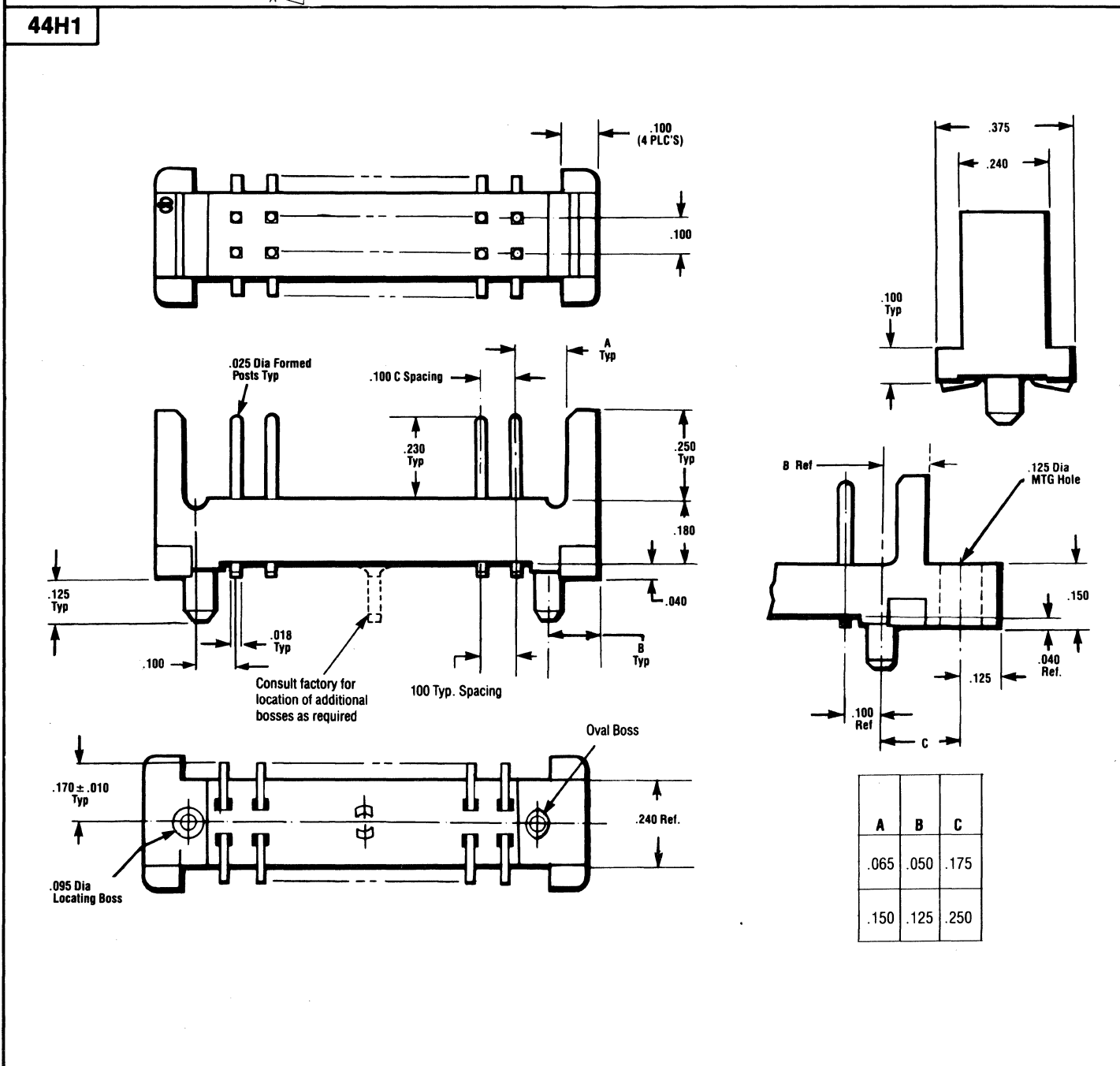
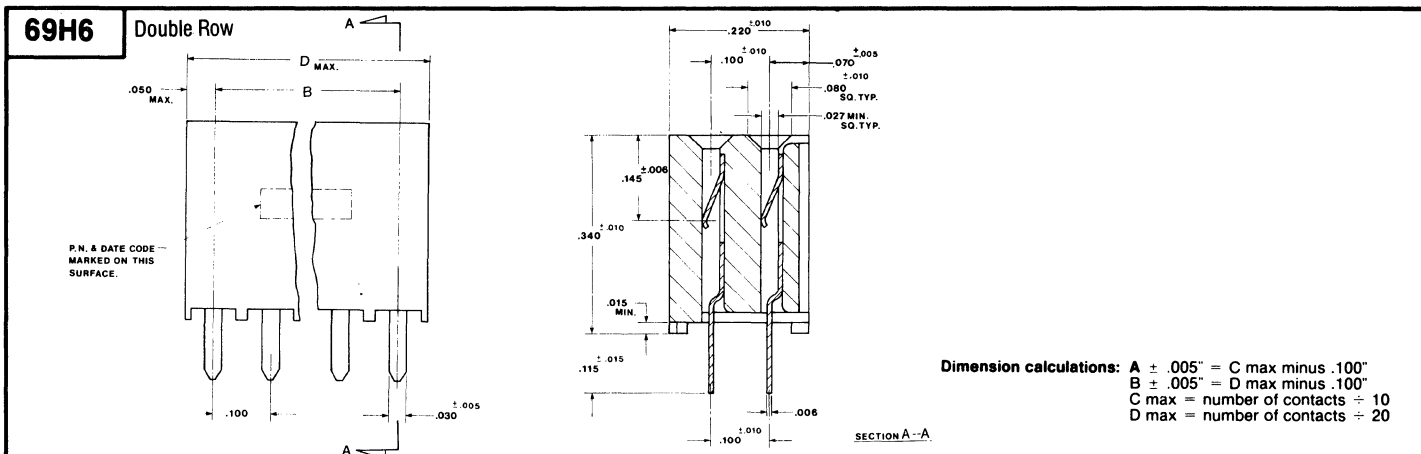
Double Row



SECTION A-A

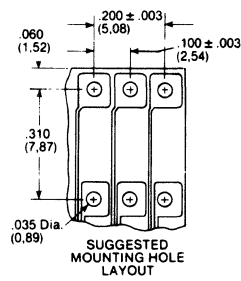
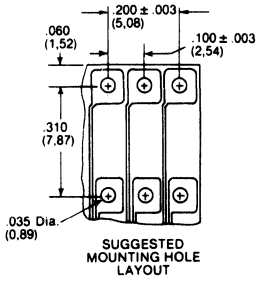
Dimension calculations: $A \pm .005" = C \text{ max minus } .100"$
 $B \pm .005" = D \text{ max minus } .100"$
 $C \text{ max} = \text{number of contacts} \div 10$
 $D \text{ max} = \text{number of contacts} \div 20$

OUTLINE DRAWINGS



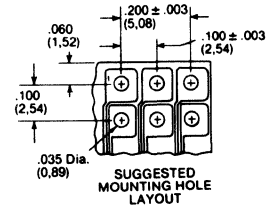
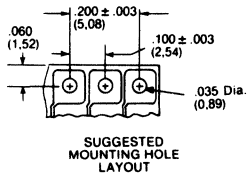
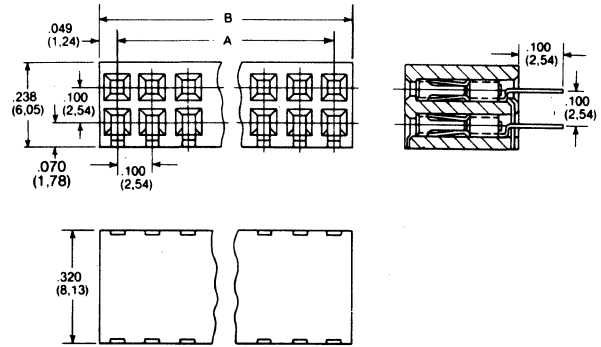
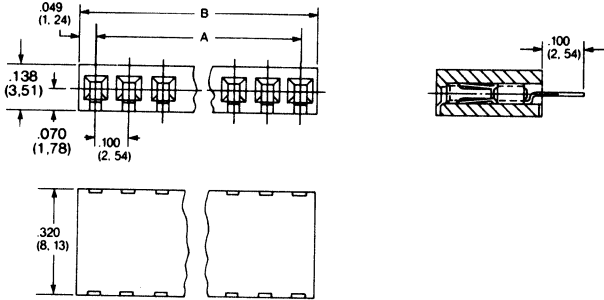
OUTLINE DRAWINGS

69H7



A

B



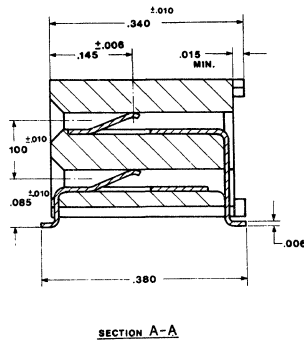
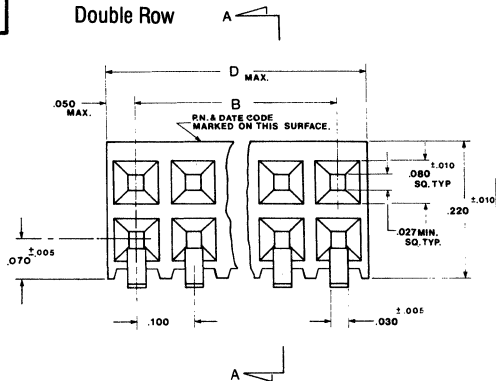
C

D

$A = (\text{No. of Positions} - 1) \times .100 (2.54)$ $B = A + .098 (2.49)$

69H4

Double Row

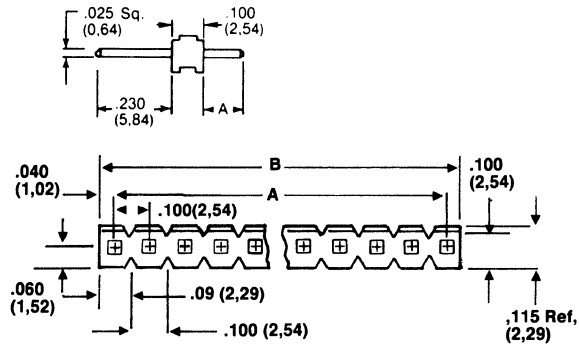


Dimension calculations: A ± .005" = C max minus .100"
 B ± .005" = D max minus .100"
 C max = number of contacts + 10
 D max = number of contacts + 20

OUTLINE DRAWINGS

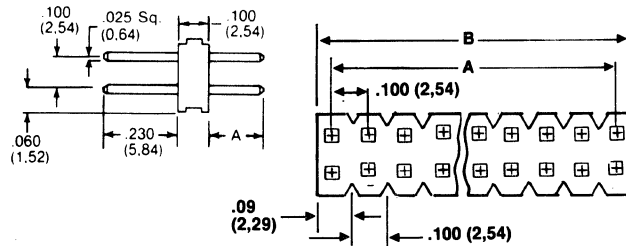
69H9

Single Row Straight



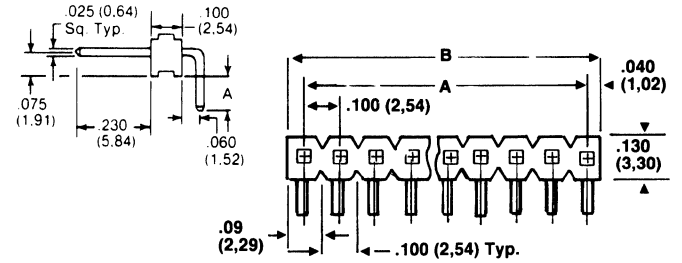
A

Double Row Straight



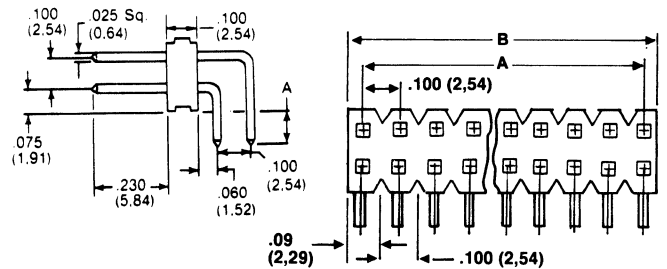
C

Single Row Right Angle



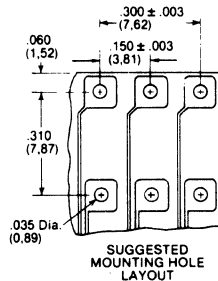
B

Double Row Right Angle

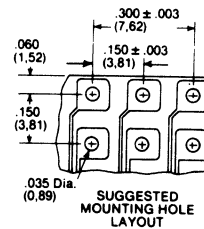
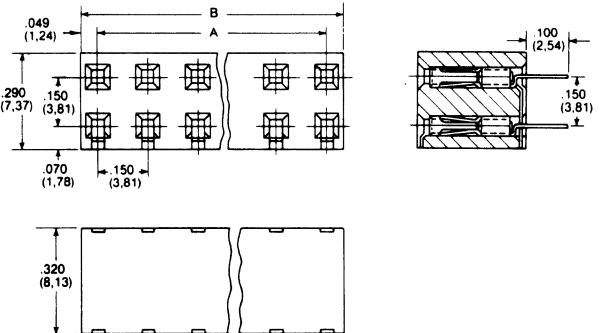


D

69H8



A

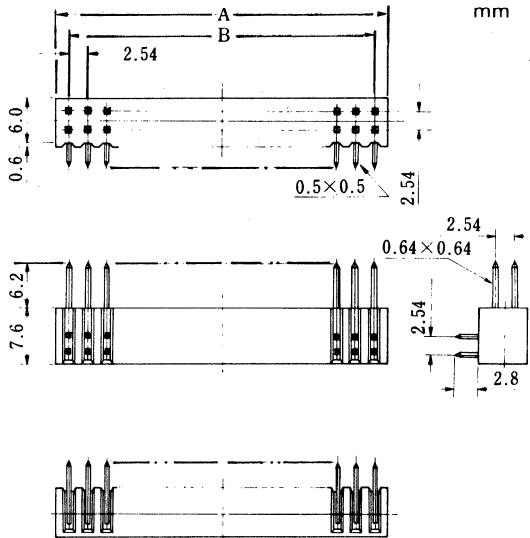


$A = (\text{No. of Positions}-1) \times .150 (3.81)$ $B = A + .098 (2.49)$

B

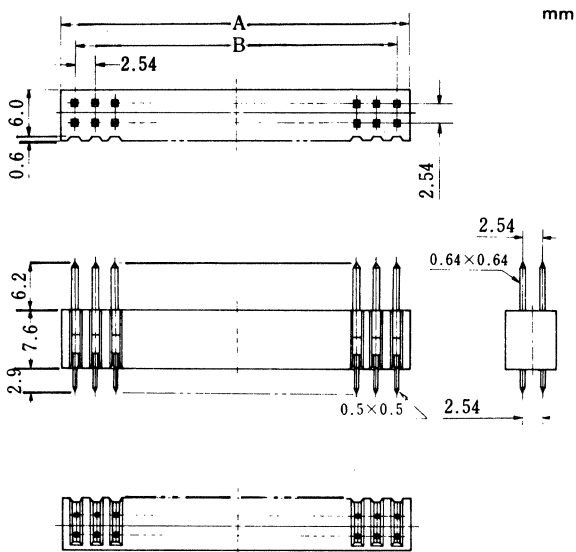
OUTLINE DRAWINGS

70H1



No. of pin	mm (inch)	
	A	B
10	13.7 (.539)	10.16 (.400)
16	21.3 (.839)	17.78 (.700)
20	26.4 (1.039)	22.86 (.900)
26	34.0 (1.339)	30.48 (1.200)
30	39.1 (1.539)	35.56 (1.400)
34	44.2 (1.740)	40.64 (1.600)
40	51.8 (2.039)	48.26 (1.900)
50	64.5 (2.539)	60.96 (2.400)
60	87.2 (3.039)	73.66 (2.900)

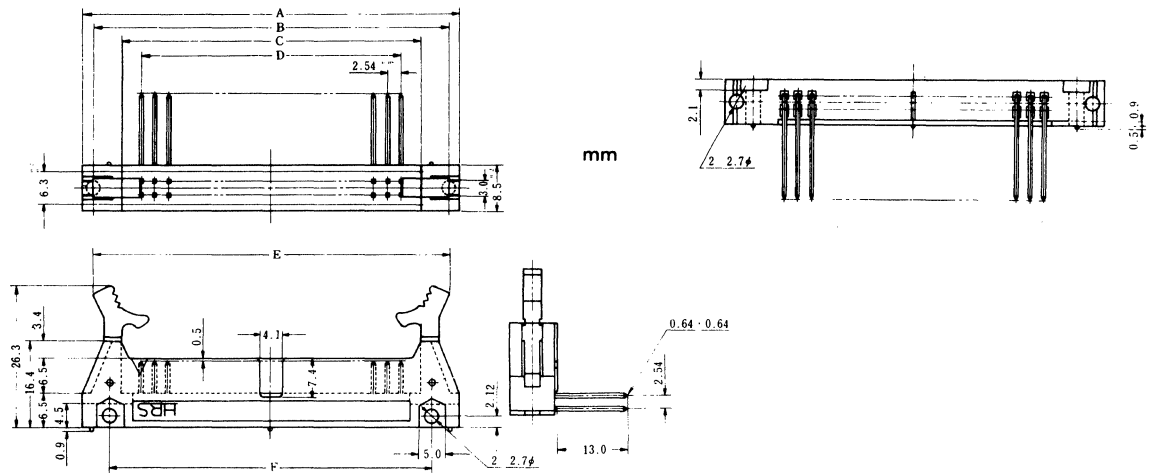
70H2



No. of pin	mm (inch)	
	A	B
10	13.7 (.539)	10.16 (.400)
16	21.3 (.839)	17.78 (.700)
20	26.4 (1.039)	22.86 (.900)
26	34.0 (1.339)	30.48 (1.200)
30	39.1 (1.539)	35.56 (1.400)
34	44.2 (1.740)	40.64 (1.600)
40	51.8 (2.039)	48.26 (1.900)
50	64.5 (2.539)	60.96 (2.400)
60	77.2 (3.039)	73.66 (2.900)

OUTLINE DRAWINGS

70H3



No. of poles	mm (inch)						
	A	B	C	D	E on lock	E out of lock	F
10	32.00 (1.260)	27.90 (1.098)	17.50 (.689)	10.16 (.400)	28.14 (1.108)	48.90 (1.925)	21.80 (.858)
16	39.00 (1.535)	35.50 (1.398)	25.10 (.988)	17.78 (.700)	35.84 (1.411)	53.50 (2.106)	29.50 (1.161)
20	44.70 (1.760)	40.60 (1.598)	30.20 (1.189)	22.86 (.900)	40.84 (1.608)	58.50 (2.303)	34.50 (1.358)
26	52.30 (2.059)	48.30 (1.902)	37.80 (1.488)	30.48 (1.200)	48.54 (1.911)	66.40 (2.614)	42.20 (1.661)
30	57.40 (2.260)	53.30 (2.098)	42.90 (1.689)	35.56 (1.400)	53.54 (2.108)	71.20 (2.803)	47.20 (1.858)
34	62.50 (2.461)	58.40 (2.299)	48.00 (1.890)	40.64 (1.600)	58.64 (2.309)	76.30 (3.004)	52.30 (2.059)
40	70.10 (2.760)	66.00 (2.598)	55.60 (2.189)	48.26 (1.900)	66.24 (2.608)	83.90 (3.303)	59.90 (2.358)
50	82.80 (3.260)	78.70 (3.098)	68.30 (2.689)	60.96 (2.400)	78.94 (3.108)	96.60 (3.803)	72.60 (2.858)
60	95.50 (3.760)	91.40 (3.598)	81.00 (3.189)	73.66 (2.900)	91.64 (3.608)	116.60 (4.591)	85.30 (3.358)

70H6

No. of pin	mm (inch)		
	A	B	C
10	20.5 (.807)	17.5 (.689)	10.16 (.400)
16	28.1 (1.106)	25.1 (.988)	17.78 (.700)
20	33.2 (1.307)	30.2 (1.189)	22.86 (.900)
26	40.8 (1.606)	37.8 (1.488)	30.48 (1.200)
30	45.9 (1.807)	42.9 (1.689)	35.56 (1.400)
34	51.0 (2.008)	48.0 (1.890)	40.64 (1.600)
40	58.6 (2.307)	55.6 (2.189)	48.26 (1.900)
50	71.30 (2.807)	68.3 (2.689)	60.96 (2.400)
60	84.0 (3.307)	81.0 (3.189)	73.66 (2.900)

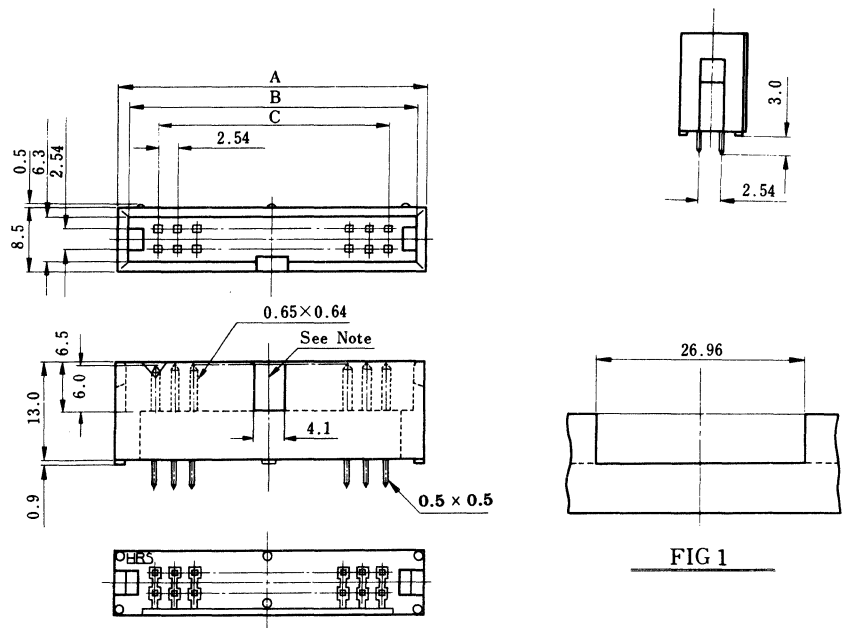
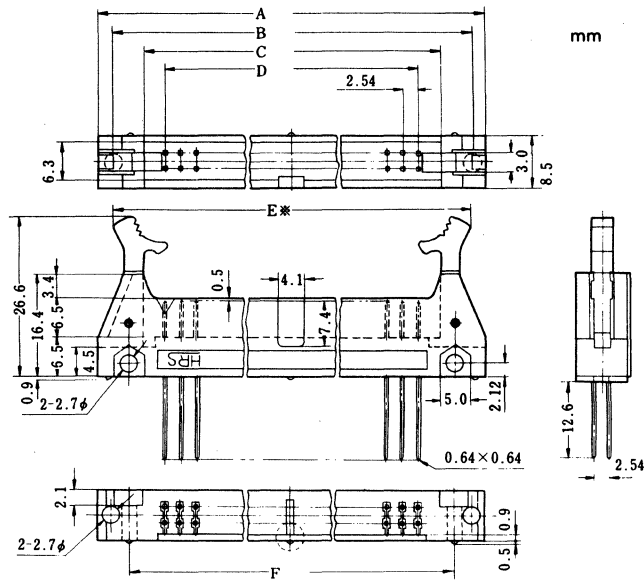


FIG 1

Note: Polarizing slit of 50 & 60 pin is shown in Fig. 1

OUTLINE DRAWINGS

70H4



No. of poles	mm (inch)						
	A	B	C	D	E on lock	E out of lock	F
10	32.00 (1.260)	27.90 (1.098)	17.50 (.689)	10.16 (.400)	28.14 (1.108)	48.90 (1.925)	21.80 (.858)
16	39.00 (1.535)	35.50 (1.398)	25.10 (.988)	17.78 (.700)	35.84 (1.411)	53.50 (2.106)	29.50 (1.161)
20	44.70 (1.760)	40.60 (1.598)	30.20 (1.189)	22.86 (.900)	40.84 (1.608)	58.50 (2.303)	34.50 (1.358)
26	52.30 (2.059)	48.30 (1.902)	37.80 (1.488)	30.48 (1.200)	48.54 (1.911)	66.40 (2.614)	42.20 (1.661)
30	57.40 (2.260)	53.30 (2.098)	42.90 (1.689)	35.56 (1.400)	53.54 (2.108)	71.20 (2.803)	47.20 (1.858)
34	62.50 (2.461)	58.40 (2.299)	48.00 (1.890)	40.64 (1.600)	58.64 (2.309)	76.30 (3.004)	52.30 (2.059)
40	70.10 (2.760)	66.00 (2.598)	55.60 (2.189)	48.26 (1.900)	66.24 (2.608)	83.90 (3.303)	59.90 (2.358)
50	82.80 (3.260)	78.70 (3.098)	68.30 (2.689)	60.96 (2.400)	78.94 (3.108)	96.60 (3.803)	72.60 (2.858)
60	95.50 (3.760)	91.40 (3.598)	81.00 (3.189)	73.66 (2.900)	91.64 (3.608)	116.60 (4.591)	85.30 (3.358)

70H5

No. of pin	mm (inch)		
	A	B	C
10	20.5 (.807)	17.5 (.689)	10.16 (.400)
16	28.1 (1.106)	25.1 (.988)	17.78 (.700)
20	33.2 (1.307)	30.2 (1.189)	22.86 (.900)
26	40.8 (1.606)	37.8 (1.488)	30.48 (1.200)
30	45.9 (1.807)	42.9 (1.689)	35.56 (1.400)
34	51.0 (2.008)	48.0 (1.890)	40.64 (1.600)
40	58.6 (2.307)	55.6 (2.189)	48.26 (1.900)
50	71.30 (2.807)	68.3 (2.689)	60.96 (2.400)
60	84.0 (3.307)	81.0 (3.189)	73.66 (2.900)

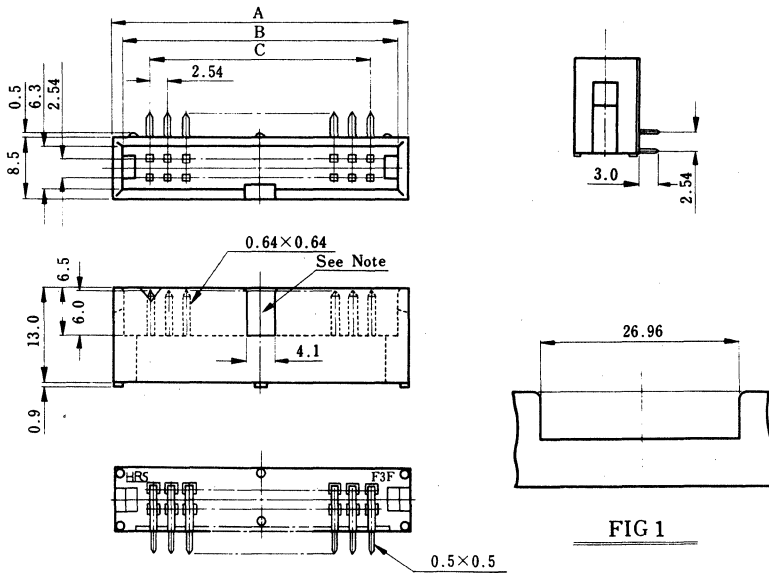
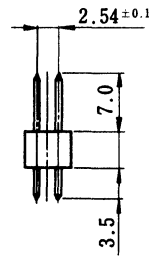
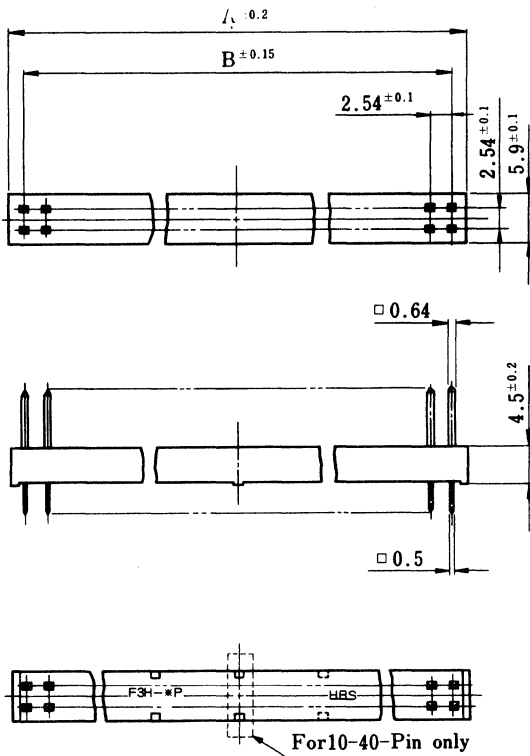


FIG 1

Note: Polarizing slit of 50 & 60 pin is shown in Fig. 1

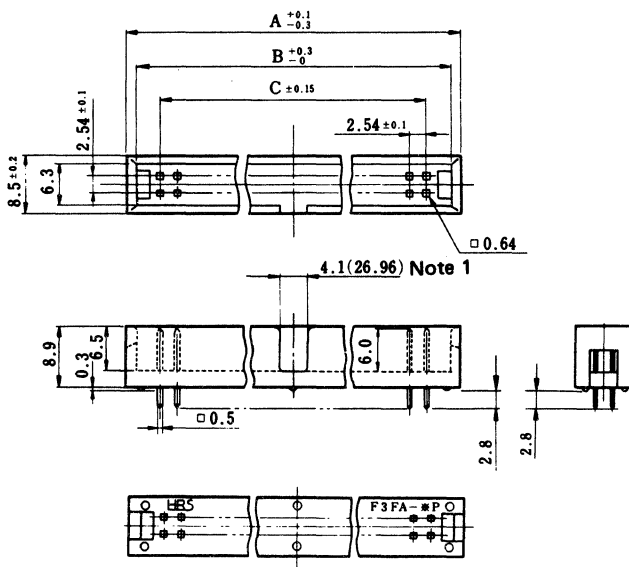
OUTLINE DRAWINGS

70H8



No. of pin	mm (inch)	
	A	B
10	13.70 (0.539)	10.16 (0.400)
16	21.32 (0.839)	17.78 (0.700)
20	26.40 (1.039)	22.86 (0.900)
26	34.02 (1.339)	30.48 (1.200)
30	39.10 (1.539)	35.56 (1.400)
34	44.18 (1.739)	40.64 (1.600)
40	51.80 (2.039)	48.26 (1.900)
50	64.50 (2.539)	60.96 (2.400)
60	77.20 (3.039)	73.66 (2.900)

70H7



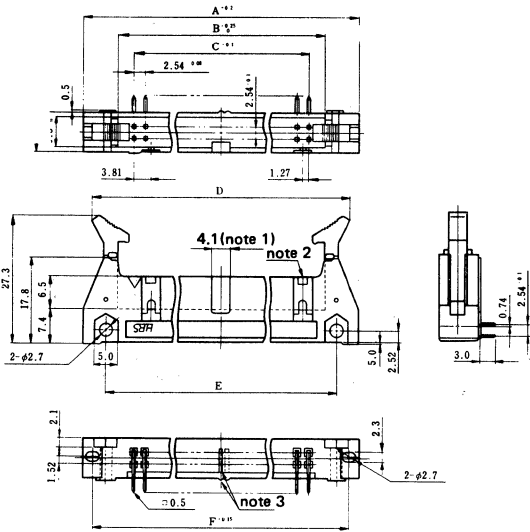
No. of pin	mm (inch)		
	A	B	C
10	20.2 (.795)	17.5 (.689)	10.16 (.400)
14	25.3 (.996)	22.6 (.890)	15.26 (.600)
16	27.8 (1.094)	25.1 (.988)	17.78 (.700)
20	32.9 (1.295)	30.2 (1.189)	22.86 (.900)
26	40.5 (1.594)	37.8 (1.488)	30.48 (1.200)
30	45.6 (1.795)	42.9 (1.689)	35.56 (1.400)
34	50.7 (1.996)	48.0 (1.890)	40.64 (1.600)
40	58.3 (2.295)	55.6 (2.190)	48.26 (1.900)
50	71.0 (2.795)	68.3 (2.690)	60.96 (2.400)
60	83.7 (3.295)	81.0 (3.190)	73.66 (2.900)

See note 1

Note 1: Dimensions in () are for products of 50, 60 pins.

OUTLINE DRAWINGS

70H9



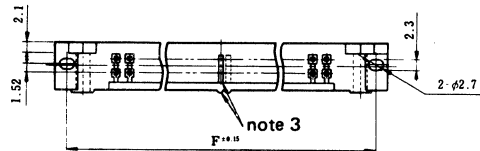
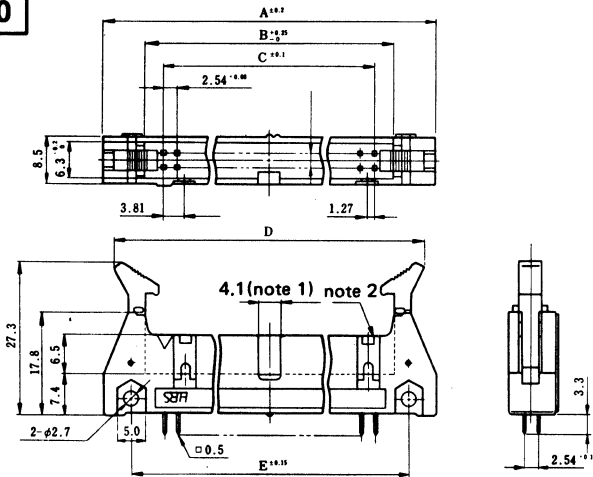
No. of pin	mm (inch) (Note 1) (Note 2)								Polarizing slot	Polarizing key mount
	A	B	C	(D) on lock	(E) out of lock	F	G			
10	32.0 (1.260)	17.5 (.689)	10.16 (.400)	28.14 (1.108)	48.9 (1.925)	21.8 (.858)	27.9 (1.098)	None	1 on RH side	
10	32.0 (1.260)	17.5 (.689)	10.16 (.400)	28.14 (1.108)	48.9 (1.925)	21.8 (.858)	27.9 (1.098)	None	None	
14	37.1 (1.460)	22.6 (.890)	15.24 (.600)	33.22 (1.308)	54.0 (2.126)	26.9 (1.059)	33.0 (1.299)		1 on RH side	
16	39.6 (1.560)	25.1 (.990)	17.78 (.700)	35.84 (1.411)	56.6 (2.228)	29.5 (1.161)	35.5 (1.398)			
20	44.7 (1.760)	30.2 (1.190)	22.86 (.900)	40.84 (1.608)	63.8 (2.512)	34.5 (1.358)	40.6 (1.598)	1 at center		
26	52.3 (2.060)	37.8 (1.490)	30.48 (1.200)	48.54 (1.911)	71.4 (2.811)	42.2 (1.661)	48.3 (1.902)			
30	57.4 (2.260)	42.9 (1.690)	35.56 (1.400)	53.54 (2.108)	74.3 (2.925)	47.2 (1.858)	53.3 (2.098)			
34	62.5 (2.460)	48.0 (1.890)	40.64 (1.600)	58.64 (2.309)	81.6 (3.212)	52.3 (2.059)	58.4 (2.299)			
40	70.1 (2.760)	55.6 (2.190)	48.26 (1.900)	66.24 (2.608)	89.2 (3.512)	59.9 (2.358)	66.0 (2.598)		1 each on LH and RH sides	
50	82.8 (3.260)	68.3 (2.690)	60.96 (2.400)	78.94 (3.108)	101.9 (4.012)	72.6 (2.858)	78.7 (3.098)	1 each on LH and RH sides		
50	82.8 (3.260)	68.3 (2.690)	60.96 (2.400)	78.94 (3.108)	101.9 (4.012)	72.6 (2.838)	78.7 (3.098)	1 at center		
60	95.5 (3.760)	81.0 (3.190)	73.66 (2.900)	91.64 (3.608)	119.7 (4.713)	85.3 (3.358)	91.4 (3.598)	1 each on LH and RH sides		
60	95.5 (3.760)	81.0 (3.190)	73.66 (2.900)	91.64 (3.608)	119.7 (4.713)	85.3 (3.358)	91.4 (3.598)	1 at center		
64	100.6 (3.960)	86.1 (3.390)	78.74 (3.100)	96.72 (3.808)	127.8 (5.031)	90.4 (3.559)	96.5 (3.799)	1 each on LH and RH sides		
64	100.6 (3.960)	86.1 (3.390)	78.74 (3.100)	96.72 (3.808)	127.8 (5.031)	90.4 (3.359)	96.5 (3.799)	1 at center		

Note 1, Note 2: The number of polarizing slots and of polarizing key mounts differs as to the number of pins. Refer to the following table.

Note 3: The position of the stand-off shifts rightward in correspondence to the number of pins.

Note 4: Products of 10, 50, 60, 64 pins are available in two types. Make selection with reference made to Note 1 and Note 2.

70H10



Note 1, Note 2: The number of polarizing slots and of polarizing key mounts differs as to the number of pins. Refer to the following table.

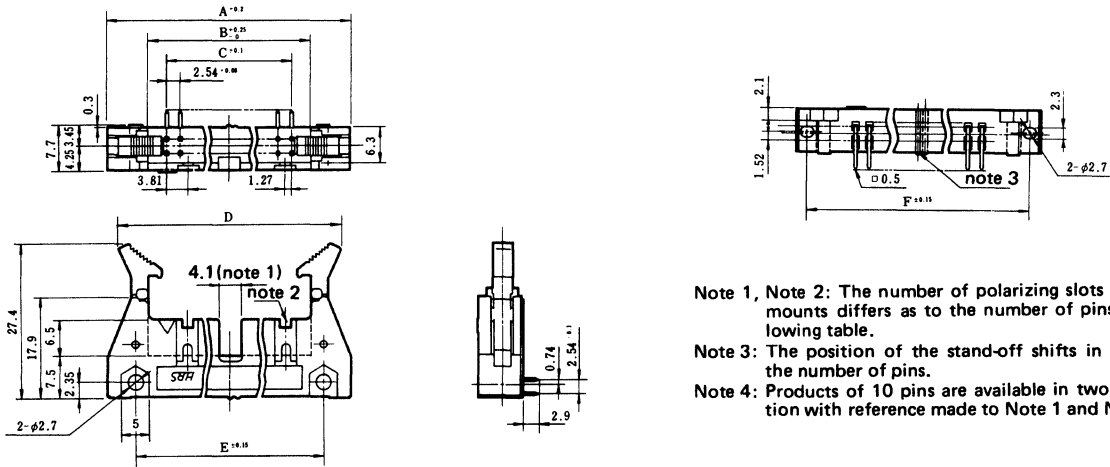
Note 3: The position of the stand-off shifts rightward in correspondence to the number of pins.

Note 4: Products of 10, 50, 60, 64 pins are available in two types. Make selection with reference made to Note 1 and Note 2.

No. of pin	mm (inch) (Note 1) (Note 2)								Polarizing slot	Polarizing key mount
	A	B	C	(D) on lock	(E) out of lock	F	G			
10	32.0 (1.260)	17.5 (.689)	10.16 (.400)	28.14 (1.108)	48.9 (1.925)	21.8 (.858)	27.9 (1.098)	None	1 on RH side	
10	32.0 (1.260)	17.5 (.689)	10.16 (.400)	28.14 (1.108)	48.9 (1.925)	21.8 (.858)	27.9 (1.098)	None	None	
14	37.1 (1.460)	22.6 (.890)	15.24 (.600)	33.22 (1.308)	54.0 (2.126)	26.9 (1.059)	33.0 (1.299)		1 on RH side	
16	39.6 (1.560)	25.1 (.990)	17.78 (.700)	35.84 (1.411)	56.6 (2.228)	29.5 (1.161)	35.5 (1.398)			
20	44.7 (1.760)	30.2 (1.190)	22.86 (.900)	40.84 (1.608)	63.8 (2.512)	34.5 (1.358)	40.6 (1.598)	1 at center		
26	52.3 (2.060)	37.8 (1.490)	30.48 (1.200)	48.54 (1.911)	71.4 (2.811)	42.2 (1.661)	48.3 (1.902)			
30	57.4 (2.260)	42.9 (1.690)	35.56 (1.400)	53.54 (2.108)	74.3 (2.925)	47.2 (1.858)	53.3 (2.098)			
34	62.5 (2.460)	48.0 (1.890)	40.64 (1.600)	58.64 (2.309)	81.6 (3.212)	52.3 (2.059)	58.4 (2.299)			
40	70.1 (2.760)	55.6 (2.190)	48.26 (1.900)	66.24 (2.608)	89.2 (3.512)	59.9 (2.358)	66.0 (2.598)		1 each on LH and RH sides	
50	82.8 (3.260)	68.3 (2.690)	60.96 (2.400)	78.94 (3.108)	101.9 (4.012)	72.6 (2.858)	78.7 (3.098)	1 each on LH and RH sides		
50	82.8 (3.260)	68.3 (2.690)	60.96 (2.400)	78.94 (3.108)	101.9 (4.012)	72.6 (2.838)	78.7 (3.098)	1 at center		
60	95.5 (3.760)	81.0 (3.190)	73.66 (2.900)	91.64 (3.608)	119.7 (4.713)	85.3 (3.358)	91.4 (3.598)	1 each on LH and RH sides		
60	95.5 (3.760)	81.0 (3.190)	73.66 (2.900)	91.64 (3.608)	119.7 (4.713)	85.3 (3.358)	91.4 (3.598)	1 at center		
64	100.6 (3.960)	86.1 (3.390)	78.74 (3.100)	96.72 (3.808)	127.8 (5.031)	90.4 (3.559)	96.5 (3.799)	1 each on LH and RH sides		
64	100.6 (3.960)	86.1 (3.390)	78.74 (3.100)	96.72 (3.803)	127.8 (5.031)	90.4 (3.359)	96.5 (3.799)	1 at center		

OUTLINE DRAWINGS

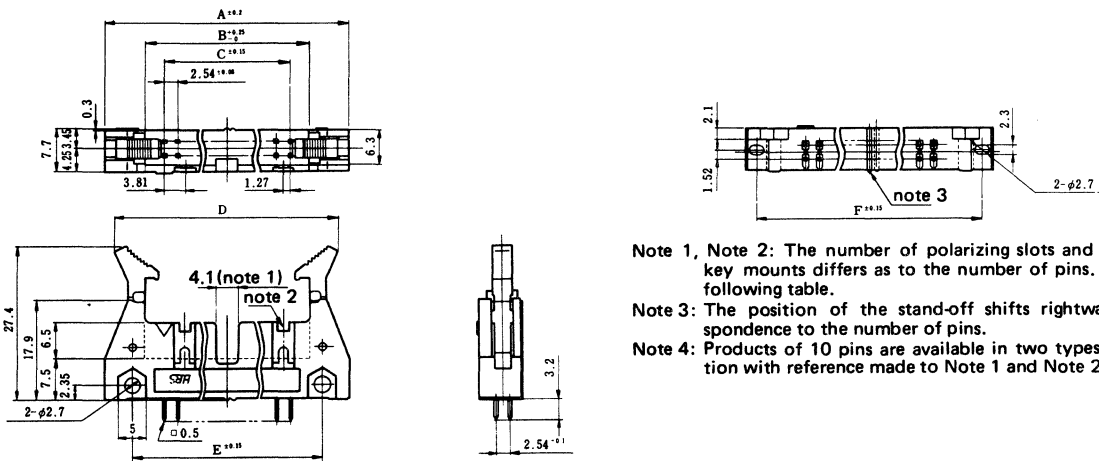
70H11



Note 1, Note 2: The number of polarizing slots and polarizing key mounts differs as to the number of pins. Refer to the following table.
 Note 3: The position of the stand-off shifts in correspondence to the number of pins.
 Note 4: Products of 10 pins are available in two types. Make selection with reference made to Note 1 and Note 2.

No. of contacts	mm (inch) (Note 1) (Note 2)							Polarizing slot	Polarizing mount key
	A	B	C	(D) on lock	(D) out of lock	E	F		
10	32.0 (1.260)	17.5 (.690)	10.16 (.400)	28.14 (1.108)	48.90 (1.925)	21.8 (.858)	27.9 (1.098)	None	1 on RH side
10	32.0 (1.260)	17.5 (.690)	10.16 (.400)	28.14 (1.108)	48.90 (1.925)	21.8 (.858)	27.9 (1.098)		None
16	39.6 (1.560)	25.1 (.990)	17.78 (.700)	35.84 (1.411)	56.60 (2.228)	29.5 (1.161)	35.5 (1.398)		
20	44.7 (1.760)	30.2 (1.190)	22.86 (.900)	40.84 (1.608)	63.80 (2.512)	34.5 (1.358)	40.6 (1.598)		
26	52.3 (2.060)	37.8 (1.490)	30.48 (1.200)	48.54 (1.911)	71.40 (2.811)	42.2 (1.661)	48.3 (1.901)	1 at center	
30	57.4 (2.260)	42.9 (1.690)	35.56 (1.400)	53.54 (2.108)	74.30 (2.925)	47.2 (1.858)	53.3 (2.098)		1 each on LH and RH sides
34	62.5 (2.460)	48.0 (1.890)	40.64 (1.600)	58.64 (2.309)	81.60 (3.215)	52.3 (2.059)	58.4 (2.299)		
40	70.1 (2.760)	55.6 (2.190)	48.26 (1.900)	66.24 (2.608)	89.20 (3.512)	59.9 (2.358)	66.0 (2.598)		
50	82.8 (3.260)	68.3 (2.690)	60.96 (2.400)	78.94 (3.108)	101.90 (4.012)	72.6 (2.858)	78.7 (3.098)		
60	95.5 (3.760)	80.1 (3.190)	73.66 (2.900)	91.64 (3.608)	119.70 (4.713)	85.3 (3.358)	91.4 (3.598)	1 each on LH and RH sides	
64	100.6 (3.960)	86.1 (3.390)	78.74 (3.100)	96.72 (3.808)	127.80 (5.031)	90.4 (3.559)	96.5 (3.799)		

70H12

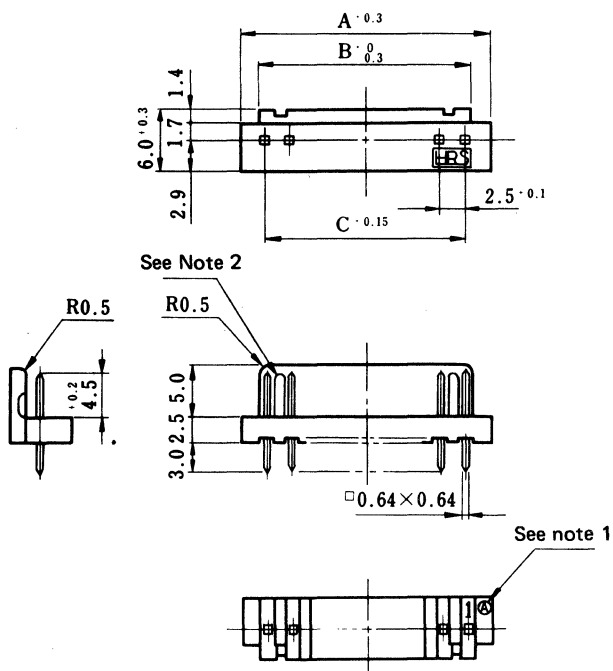


Note 1, Note 2: The number of polarizing slots and of polarizing key mounts differs as to the number of pins. Refer to the following table.
 Note 3: The position of the stand-off shifts rightward in correspondence to the number of pins.
 Note 4: Products of 10 pins are available in two types. Make selection with reference made to Note 1 and Note 2.

No. of pin	mm (inch) (Note 1) (Note 2)							Polarizing slot	Polarizing mount key
	A	B	C	(D) on lock	(D) out of lock	E	F		
10	32.0 (1.260)	17.5 (.690)	10.16 (.400)	28.14 (1.108)	48.90 (1.925)	21.8 (.858)	27.9 (1.098)	None	1 on RH side
10	32.0 (1.260)	17.5 (.690)	10.16 (.400)	28.14 (1.108)	48.90 (1.925)	21.8 (.858)	27.9 (1.098)		None
16	39.6 (1.560)	25.1 (.990)	17.78 (.700)	35.84 (1.411)	56.60 (2.228)	29.5 (1.161)	35.5 (1.398)		
20	44.7 (1.760)	30.2 (1.190)	22.86 (.900)	40.84 (1.608)	63.80 (2.512)	34.5 (1.358)	40.6 (1.598)		
26	52.3 (2.060)	37.8 (1.490)	30.48 (1.200)	48.54 (1.911)	71.40 (2.811)	42.2 (1.661)	48.3 (1.901)	1 at center	
30	57.4 (2.260)	42.9 (1.690)	35.56 (1.400)	53.54 (2.108)	74.30 (2.925)	47.2 (1.858)	53.3 (2.098)		1 each on LH and RH sides
34	62.5 (2.460)	48.0 (1.890)	40.64 (1.600)	58.64 (2.309)	81.60 (3.213)	52.3 (2.059)	58.4 (2.299)		
40	70.1 (2.760)	55.6 (2.190)	48.26 (1.900)	66.24 (2.608)	89.20 (3.512)	59.9 (2.358)	66.0 (2.598)		
50	82.8 (3.260)	68.3 (2.690)	60.96 (2.400)	78.94 (3.108)	101.90 (4.012)	72.6 (2.858)	78.7 (3.098)		
60	95.5 (3.760)	80.1 (3.154)	73.66 (2.900)	91.64 (3.608)	119.70 (4.713)	85.3 (3.358)	91.4 (3.598)	1 each on LH and RH sides	
64	100.6 (3.960)	86.1 (3.390)	78.74 (3.100)	96.72 (3.808)	127.80 (5.031)	90.4 (3.559)	96.5 (3.799)		

OUTLINE DRAWINGS

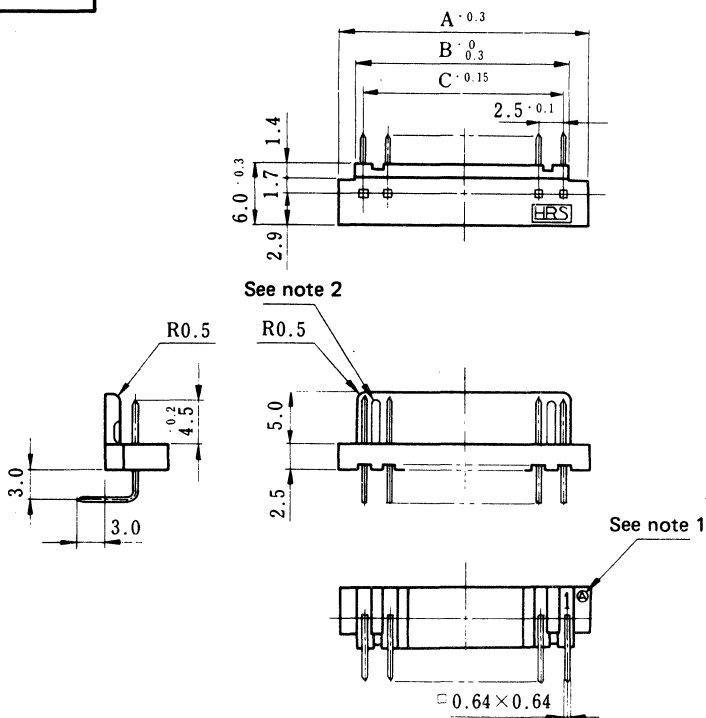
70H13a



No. of pin	mm (inch)		
	A ± 0.3	B ± 0.3	C ± 0.15
2	7.5 (.295)	3.8 (.150)	2.5 (.098)
3	10.0 (.394)	6.3 (.248)	5.0 (.197)
4	12.5 (.492)	8.8 (.346)	7.5 (.295)
5	15.0 (.591)	11.3 (.445)	10.0 (.394)
6	17.5 (.689)	13.8 (.543)	12.5 (.492)
7	20.0 (.787)	16.3 (.642)	15.0 (.591)
8	22.5 (.886)	18.8 (.740)	17.5 (.689)
9	25.0 (.984)	21.3 (.839)	20.0 (.787)
10	27.5 (1.083)	23.8 (.937)	22.5 (.886)
12	32.5 (1.280)	28.8 (1.134)	27.5 (1.083)
15	40.0 (1.575)	36.3 (1.430)	35.0 (1.378)
16	42.5 (1.673)	38.8 (1.528)	37.5 (1.476)
20	62.5 (2.461)	48.8 (1.921)	47.5 (1.870)

Note 1: Mark of mold cavity No. and symbol.
 Note 2: The number of polarizing nose is one at the center for 2 pins.

70H13b

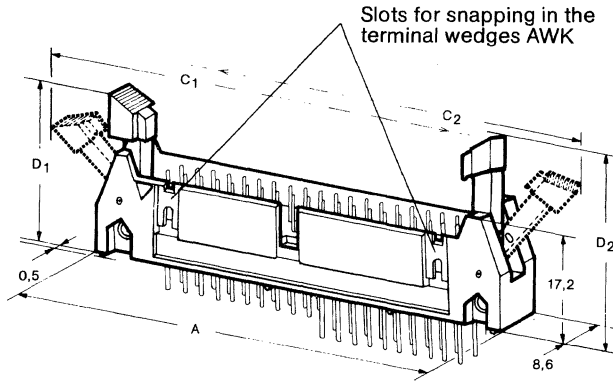


No. of pin	mm (inch)		
	A ± 0.3	B ± 0.3	C ± 0.15
2	7.5 (.295)	3.8 (.150)	2.5 (.098)
3	10.0 (.394)	6.3 (.248)	5.0 (.197)
4	12.5 (.492)	8.8 (.346)	7.5 (.295)
5	15.0 (.591)	11.3 (.445)	10.0 (.394)
6	17.5 (.689)	13.8 (.543)	12.5 (.492)
7	20.0 (.787)	16.3 (.642)	15.0 (.591)
8	22.5 (.886)	18.8 (.740)	17.5 (.689)
9	25.0 (.984)	21.3 (.839)	20.0 (.787)
10	27.5 (1.083)	23.8 (.937)	22.5 (.886)
12	32.5 (1.280)	28.8 (1.134)	27.5 (1.083)
15	40.0 (1.575)	36.3 (1.430)	35.0 (1.378)
16	42.5 (1.673)	38.8 (1.528)	37.5 (1.476)
20	62.5 (2.461)	48.8 (1.921)	47.5 (1.870)

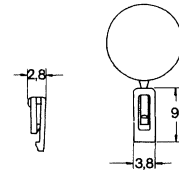
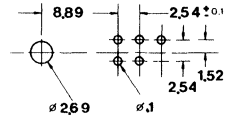
Note 1: Mark of mold cavity No. and symbol.
 Note 2: The number of polarizing nose is one at the center for 2 pins.

OUTLINE DRAWINGS

79H1



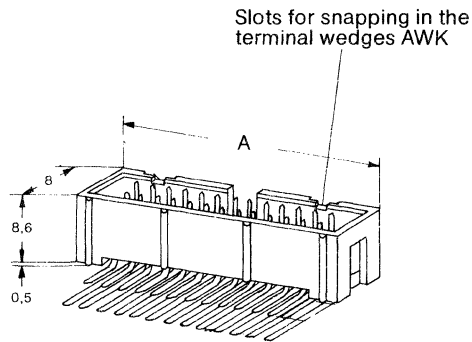
Bore holes on the printed circuit board (arrangement side)



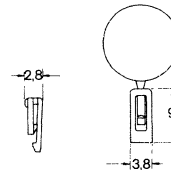
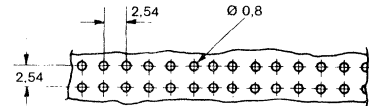
Polarizing key
typ AWK

No. of ways	A	B	C ₁	C ₂	D ₁	D ₂
10	32,3	27,9	47,3	50,3	24,3	27,4
14	37,3	33,0	52,3	55,4	24,3	27,4
16	39,9	35,6	54,9	57,9	24,3	27,4
20	44,8	40,6	59,8	63,0	24,3	27,4
26	52,4	48,3	67,4	70,6	24,3	27,4
34	62,6	58,4	77,6	80,8	24,3	27,4
40	70,2	66,0	85,2	88,4	24,3	27,4
50	83,0	78,7	98,0	101,1	24,3	27,4
60	95,7	91,4	110,7	113,8	24,3	27,4

79H4



Bore holes on the printed circuit board (arrangement side)



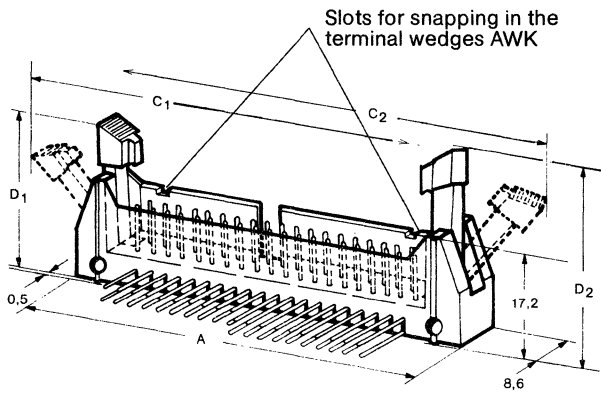
Polarizing key
typ AWK

Solder pins 2,9 or 4,5 mm

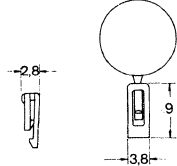
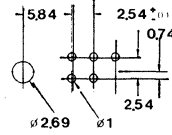
No. of ways	A
10	19,5
14	24,6
16	27,2
20	32,3
26	39,9
34	50,1
40	57,8
50	70,5
60	83,3

OUTLINE DRAWINGS

79H2



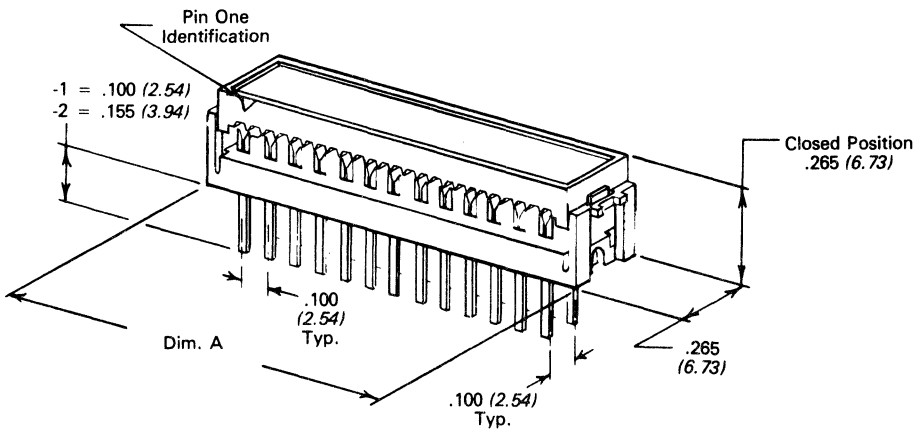
Bore holes on the printed circuit board (arrangement side)



Polarizing key typ AWK

No. of ways	A	B	C ₁	C ₂	D ₁	D ₂
10	32,3	27,9	47,3	50,3	24,3	27,4
14	37,3	33,0	52,3	55,4	24,3	27,4
16	39,9	35,6	54,9	57,9	24,3	27,4
20	44,8	40,6	59,8	63,0	24,3	27,4
26	52,4	48,3	67,4	70,6	24,3	27,4
34	62,6	58,4	77,6	80,8	24,3	27,4
40	70,2	66,0	85,2	88,4	24,3	27,4
50	83,0	78,7	98,0	101,1	24,3	27,4
60	95,7	91,4	110,7	113,8	24,3	27,4

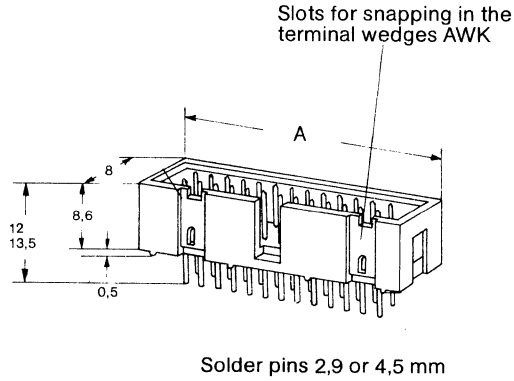
107H1



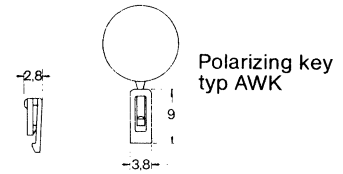
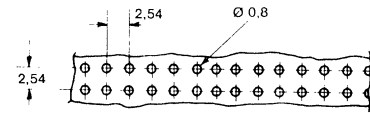
Tabulations	
No. of Contacts	Dim. A Inches (mm)
10	.730 (18.54)
14	.930 (23.62)
16	1.030 (26.16)
20	1.230 (31.24)
26	1.530 (38.86)
34	2.030 (51.56)
36	2.130 (54.10)
40	2.230 (56.64)
50	2.730 (69.34)
60	3.230 (82.12)

OUTLINE DRAWINGS

79H3

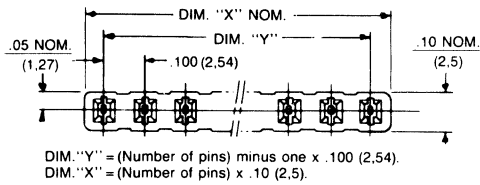


Bore holes on the printed circuit board (arrangement side)

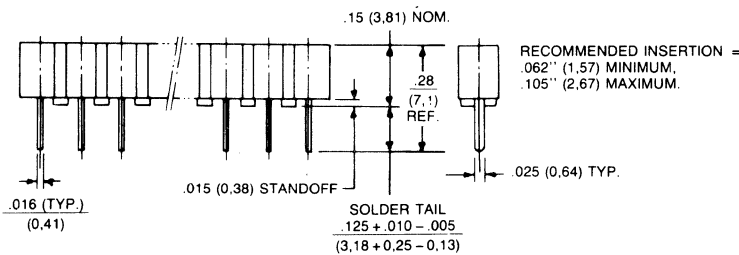
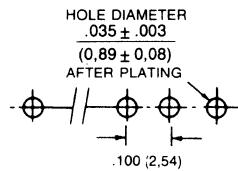


No. of ways	A
10	19,5
14	24,6
16	27,2
20	32,3
26	39,9
34	50,1
40	57,8
50	70,5
60	83,3

93H12

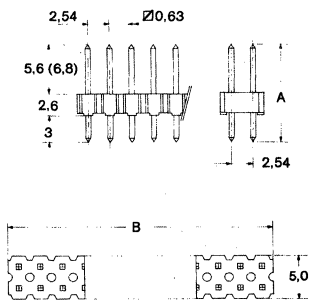


RECOMMENDED HOLE PATTERN



OUTLINE DRAWINGS

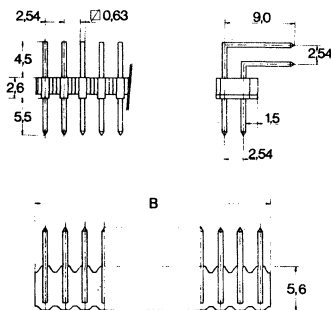
79H5



No. of contacts	Dimensions	
	A	B
2x2	11,2	5,08
2x2	11,2	5,08
2x2	12,4	5,08
2x4	11,2	10,16
2x4	11,2	10,16
2x4	12,4	10,16
2x5	11,2	12,70
2x5	11,2	12,70
2x5	12,4	12,70
2x7	11,2	17,80
2x7	11,2	17,80
2x7	12,4	17,80
2x8	11,2	20,32
2x8	11,2	20,32
2x8	12,4	20,32
2x10	11,2	25,40
2x10	11,2	25,40
2x10	12,4	25,40
2x12	11,2	30,48
2x12	11,2	30,48
2x12	12,4	30,48
2x13	11,2	33,02
2x13	11,2	33,02
2x13	12,4	33,02

No. of contacts	Dimensions	
	A	B
2x17	11,2	43,18
2x17	11,2	43,18
2x17	12,4	43,18
2x20	11,2	50,80
2x20	11,2	50,80
2x20	12,4	50,80
2x25	11,2	63,50
2x25	11,2	63,50
2x25	12,4	63,50
2x30	11,2	76,20
2x30	11,2	76,20
2x30	12,4	76,20
2x32	11,2	81,26
2x32	11,2	81,26
2x32	12,4	81,26
2x34	11,2	86,36
2x34	11,2	86,36
2x34	12,4	86,36
2x36	11,2	91,46
2x36	11,2	91,46
2x36	12,4	91,46

79H6



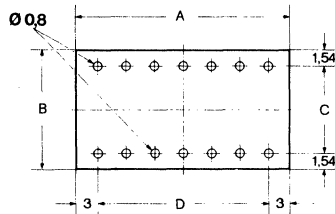
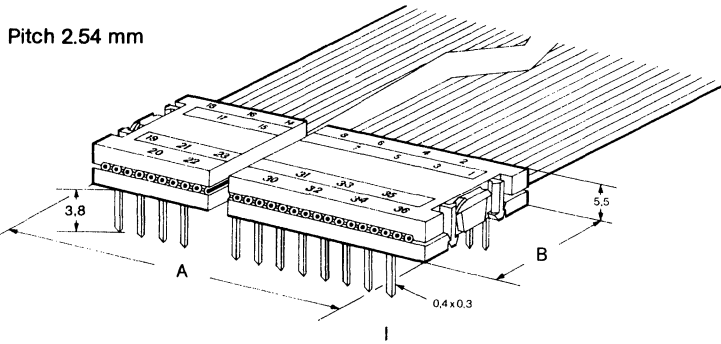
No. of contacts	Dimension
	B
2x2	5,08
2x2	5,08
2x4	10,16
2x4	10,16
2x5	12,70
2x5	12,70
2x7	17,78
2x7	17,78
2x8	20,32
2x8	20,32
2x10	25,40
2x10	25,40
2x12	30,48
2x12	30,48

No. of contacts	Dimension
	B
2x13	33,02
2x13	33,02
2x17	43,18
2x17	43,18
2x20	50,80
2x20	50,80
2x25	63,50
2x25	63,50
2x30	76,20
2x30	76,20
2x32	81,26
2x32	81,26
2x34	86,36
2x34	86,36

No. of contacts	Dimension B

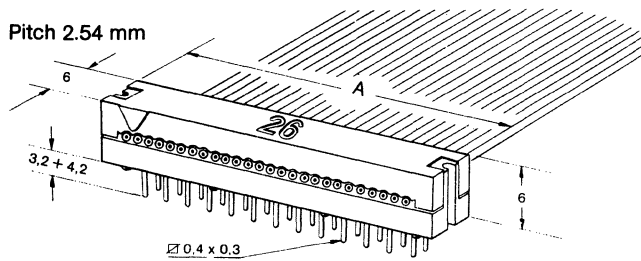
OUTLINE DRAWINGS

79H8

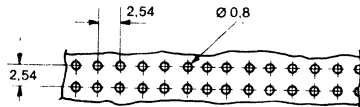


Polzahl No. of contacts	Abmessungen Dimensions			
	A	B	C	D
4	8,41	10,7	7,62	2,54
4	8,41	10,7	7,62	2,54
6	10,95	10,7	7,62	5,08
6	10,95	10,7	7,62	5,08
10	16,03	10,7	7,62	10,16
10	16,03	10,7	7,62	10,16
12	18,57	10,7	7,62	12,70
12	18,57	10,7	7,62	12,70
18	26,19	10,7	7,62	20,32
18	26,19	10,7	7,62	20,32
20	28,73	10,7	7,62	22,86
20	28,73	10,7	7,62	22,86
22	31,35	18,3	10,16	25,40
22	31,35	18,3	10,16	25,40
28	38,97	18,3	15,24	33,02
28	38,97	18,3	15,24	33,02
32	44,05	18,3	15,24	38,10
32	44,05	18,3	15,24	38,10
36	49,13	18,3	15,24	43,18
36	49,13	18,3	15,24	43,18

79H9



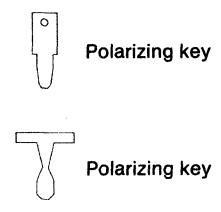
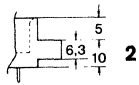
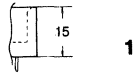
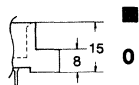
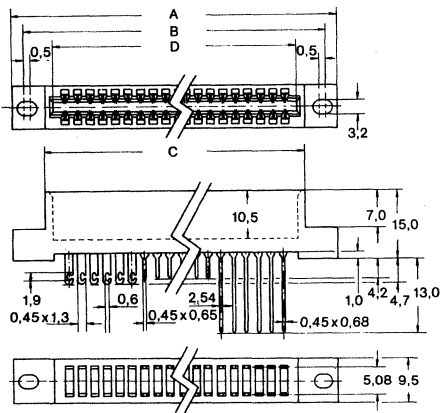
Bore holes on the printed circuit board (arrangement side)



No. of cont.	Dim. A
10	17,5
10	17,5
14	22,6
14	22,6
16	25,1
16	25,1
20	30,2
20	30,2
26	37,9
26	37,9
34	48,1
34	48,1
40	55,7
40	55,7
50	68,5
50	68,5
60	81,2
60	81,2

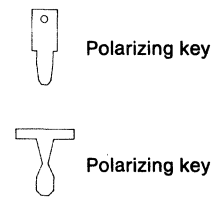
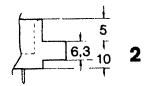
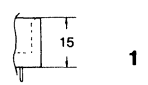
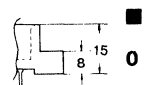
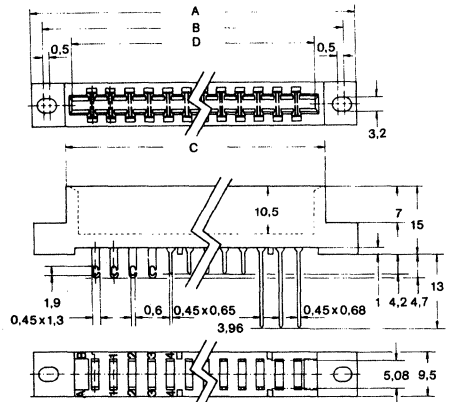
OUTLINE DRAWINGS

79H11



No. of cont./row	A	B	C	D
7	38,52	31,52	24,22	20,12
10	46,14	39,14	31,84	27,74
13	53,76	46,76	39,46	35,36
15	58,84	51,84	44,54	40,44
18	66,46	59,46	52,16	48,06
19	69,00	62,00	54,70	50,60
20	71,54	64,54	57,24	53,14
22	76,62	69,62	62,32	58,22
23	79,16	72,16	64,86	60,76
25	84,20	77,20	70,00	65,90
31	99,50	92,50	85,20	81,10
37	114,70	107,70	100,50	96,40

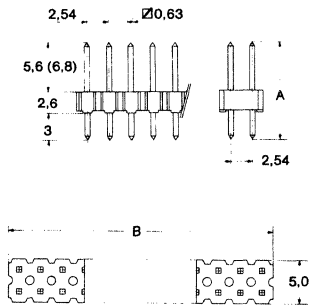
79H12



No. of cont./row	A	B	C	D
6	45,8	39,3	31,8	28,2
10	61,2	55,3	48,0	43,8
12	69,6	62,7	54,7	52,0
15	81,0	75,1	67,8	63,6
18	92,9	87,0	79,7	75,5
22	108,7	102,8	95,5	91,3
30	140,4	134,5	127,2	123,0
31	145,0	138,2	130,9	127,2
36	164,2	157,8	151,0	146,8
43	191,9	186,0	178,7	174,5
50	219,7	213,8	206,5	202,3
55	239,5	233,6	226,3	222,0

OUTLINE DRAWINGS

79H18



No. of contacts	Dimensions	
	A	B
2x2	11,2	5,08
2x2	11,2	5,08
2x2	12,4	5,08
2x4	11,2	10,16
2x4	11,2	10,16
2x4	12,4	10,16
2x5	11,2	12,70
2x5	11,2	12,70
2x5	12,4	12,70
2x7	11,2	17,80
2x7	11,2	17,80
2x7	12,4	17,80
2x8	11,2	20,32
2x8	11,2	20,32
2x8	12,4	20,32
2x10	11,2	25,40
2x10	11,2	25,40
2x10	12,4	25,40
2x12	11,2	30,48
2x12	11,2	30,48
2x12	12,4	30,48
2x13	11,2	33,02
2x13	11,2	33,02
2x13	12,4	33,02

Polzahi No. of contacts	Dimensions	
	A	B
2x17	11,2	43,18
2x17	11,2	43,18
2x17	12,4	43,18
2x20	11,2	50,80
2x20	11,2	50,80
2x20	12,4	50,80
2x25	11,2	63,50
2x25	11,2	63,50
2x25	12,4	63,50
2x30	11,2	76,20
2x30	11,2	76,20
2x30	12,4	76,20
2x32	11,2	81,26
2x32	11,2	81,26
2x32	12,4	81,26
2x34	11,2	86,36
2x34	11,2	86,36
2x34	12,4	86,36
2x36	11,2	91,46
2x36	11,2	91,46
2x36	12,4	91,46

83H1

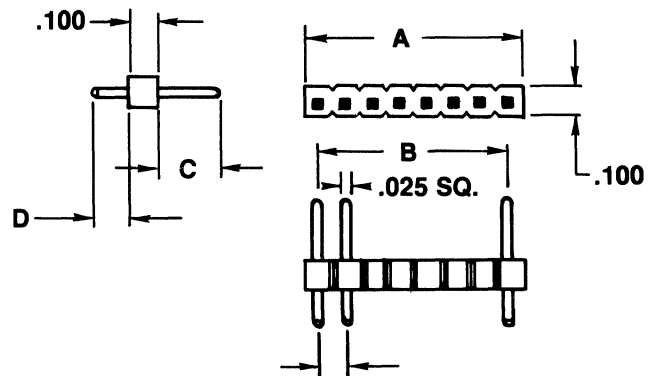
STRAIGHT POST HEADERS — 10000 Series
02 Through 36 Positions

Part Numbers: Dimensions (inches):

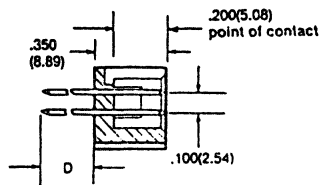
TIN ¹	GOLD ²	A	B	C	D
10000-xx	10003-xx	*	**	.235	.093
10001-xx	10004-xx	*	**	.235	.165
10002-xx	10005-xx	*	**	.235	.510
10009-xx	10012-xx	*	**	.318	.093
10010-xx	10013-xx	*	**	.318	.165
10011-xx	10014-xx	*	**	.318	.510

-xx indicates the number of contact positions.

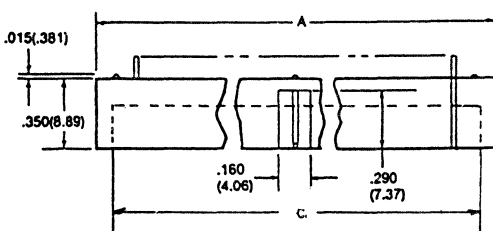
NOTE: **"A" Dimensions = # of positions X .100"
***"B" Dimensions = "A" Dimensions — .100"



83H7



STRAIGHT



# POS	A	B	C	D
10	.800	.705	.400	.510
16	1.100	1.005	.700	.510
20	1.300	1.205	.900	.510
28	1.600	1.505	1.200	.510
34	2.000	1.905	1.600	.510
40	2.300	2.205	1.900	.510
50	2.800	2.705	2.400	.510
60	3.300	3.205	2.900	.510
64	3.500	3.405	3.100	.510

83H2

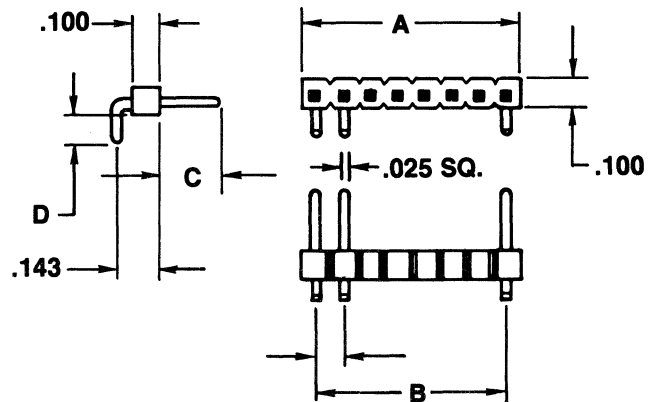
RIGHT ANGLE POST HEADERS — 11000 Series
02 Through 36 Positions

Part Numbers: Dimensions (inches):

TIN ¹	GOLD ²	A	B	C	D
11000-xx	11003-xx	*	**	.235	.093
11001-xx	11004-xx	*	**	.235	.165
11002-xx	11005-xx	*	**	.235	.510
11009-xx	11012-xx	*	**	.318	.093
11010-xx	11013-xx	*	**	.318	.165
11011-xx	11014-xx	*	**	.318	.510

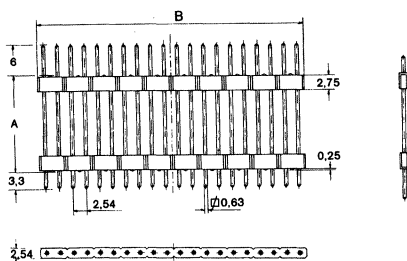
-xx indicates the number of contact positions.

NOTE: **"A" Dimensions = # of positions X .100"
***"B" Dimensions = "A" Dimensions — .100"



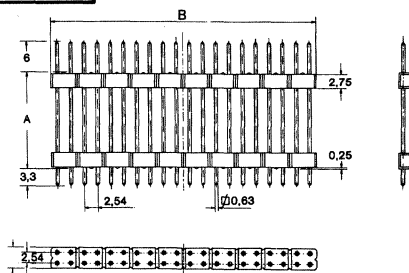
OUTLINE DRAWINGS

79H20



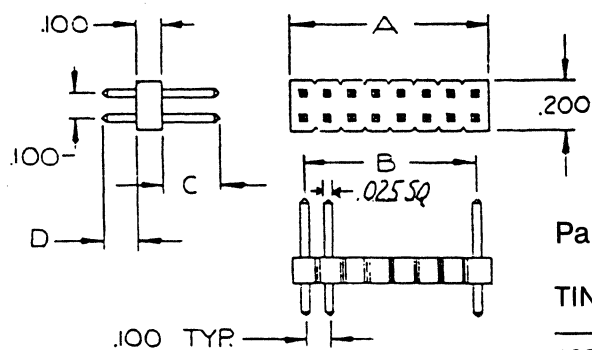
No. of contacts	Dimensions	
	A	B
8	15,6	24,9
20	15,6	24,9
8	15,6	24,9
20	15,6	24,9
8	19,7	29,0
20	19,7	29,0
8	19,7	29,0
20	19,7	29,0
8	28,5	37,8
20	28,5	37,8
8	28,5	37,8
20	28,5	37,8
8	31,5	40,8
20	31,5	40,8
8	31,5	40,8
20	31,5	40,8
8	36,0	45,3
20	36,0	45,3
8	36,0	45,3
20	36,0	45,3

79H21



No. of contacts	Dimensions	
	A	B
16(2x8)	15,6	24,9
40(2x20)	15,6	24,9
16(2x8)	15,6	24,9
40(2x20)	15,6	24,9
16(2x8)	19,7	29,0
40(2x20)	19,7	29,0
16(2x8)	19,7	29,0
40(2x20)	19,7	29,0
16(2x8)	28,5	37,8
40(2x20)	28,5	37,8
16(2x8)	28,5	37,8
40(2x20)	28,5	37,8
16(2x8)	31,5	40,8
40(2x20)	31,5	40,8
16(2x8)	31,5	40,8
40(2x20)	31,5	40,8
16(2x8)	36,0	45,3
40(2x20)	36,0	45,3
16(2x8)	36,0	45,3
40(2x20)	36,0	45,3

83H3



STRAIGHT POST HEADERS — 12000 Series 04 Through 72 Positions

Part Numbers:

Dimensions (inches):

TIN ¹	GOLD ²	A	B	C	D
12000-xx	12003-xx	*	**	.235	.093
12001-xx	12004-xx	*	**	.235	.165
12002-xx	12005-xx	*	**	.235	.510
12009-xx	12012-xx	*	**	.318	.093
12010-xx	12013-xx	*	**	.318	.165
12011-xx	12014-xx	*	**	.318	.510

-xx indicates the number of contact positions.

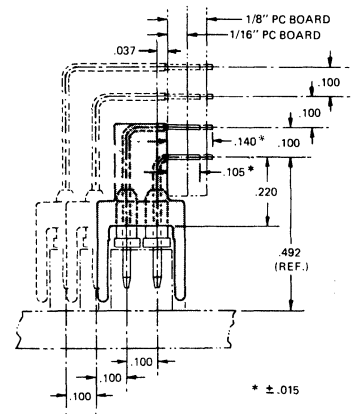
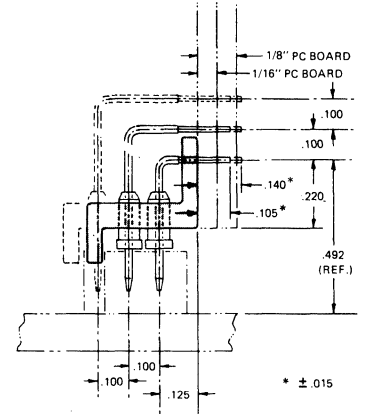
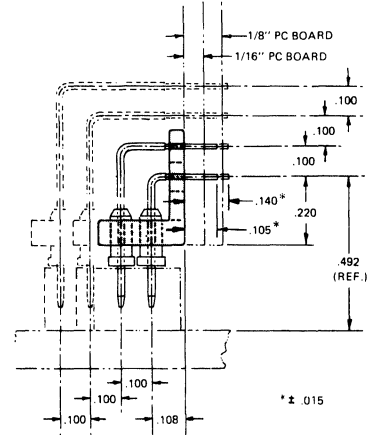
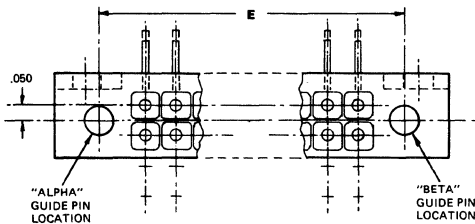
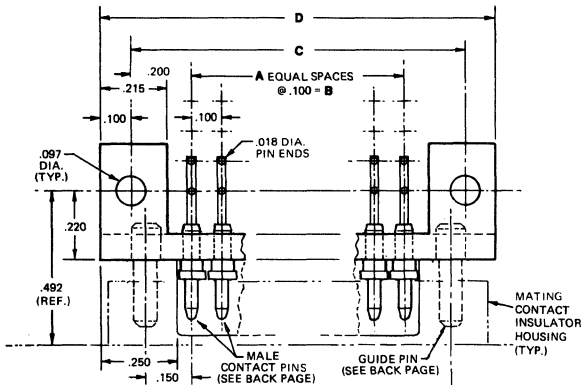
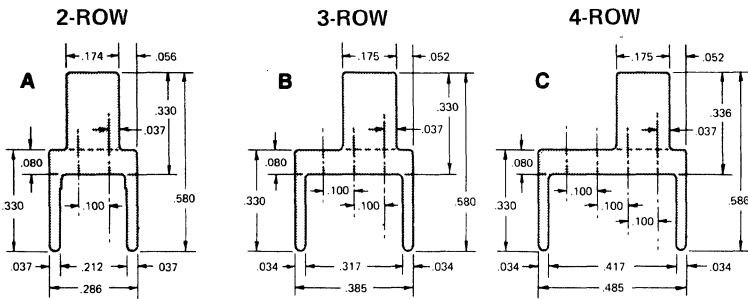
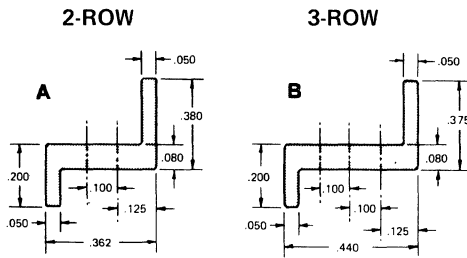
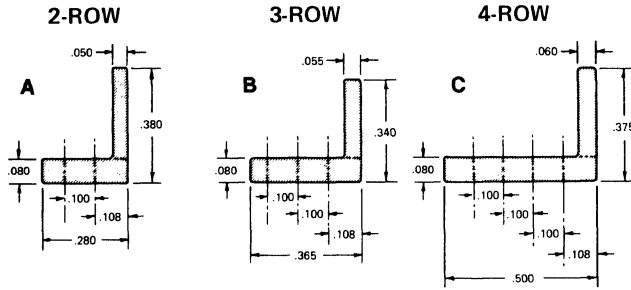
NOTE: **"A" Dimensions = $\frac{\# \text{ of positions}}{2} \times .100$ "

**"B" Dimensions = "A" Dimensions — .100"

OUTLINE DRAWINGS

80H1

BASIC EXTRUSION DIMENSIONS



$$A = \frac{x}{2} - 1 \quad D = B + .600$$

$$B = A \times .100 \quad E = B + .300$$

$$C = B + .400$$

NOTE: x = Total Number of Contacts

For 3 Row Header $A = \frac{x}{3} - 1$

For 4 Row Header $A = \frac{x}{4} - 1$

EXAMPLE: For 100 Contact

2 Row Connector

$$A = \frac{100}{2} - 1 = 49$$

$$B = 49 \times .100 = 4.900$$

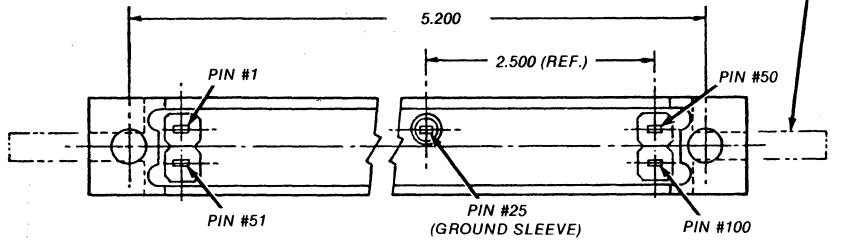
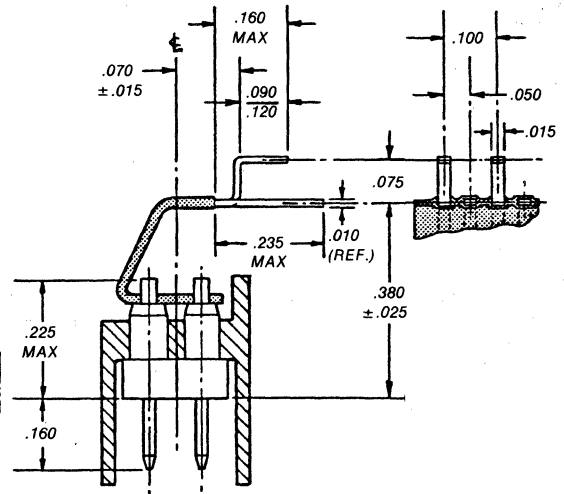
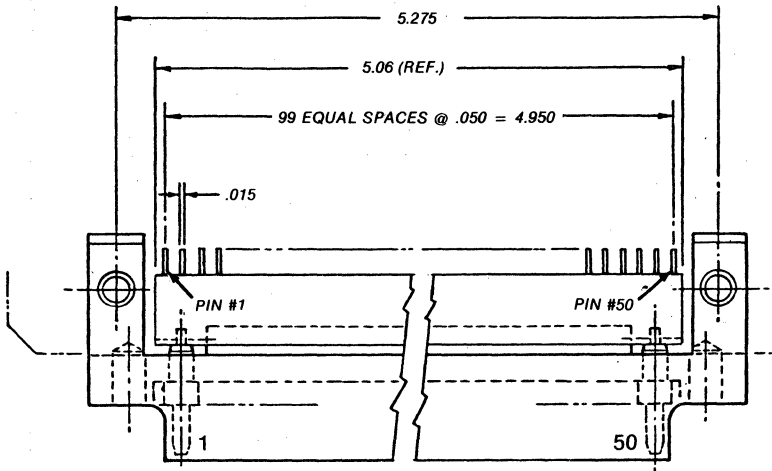
$$C = 4.900 + .400 = 5.300$$

$$D = 4.900 + .600 = 5.500$$

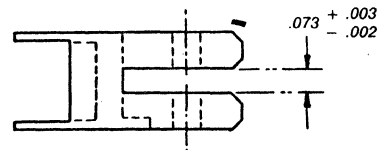
$$E = 4.900 + .300 = 5.200$$

OUTLINE DRAWINGS

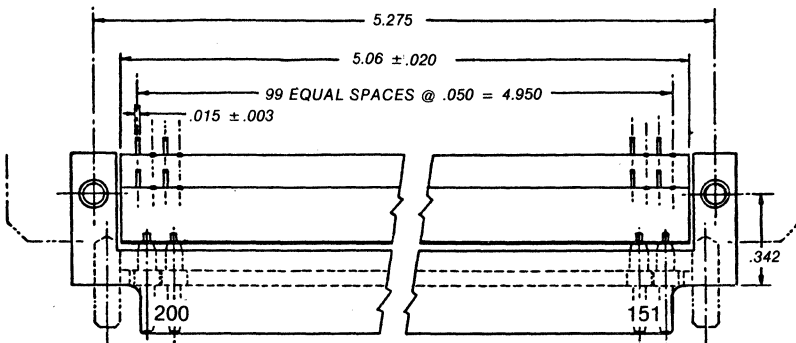
80H2



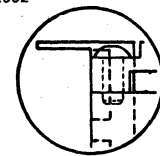
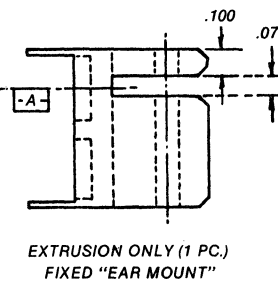
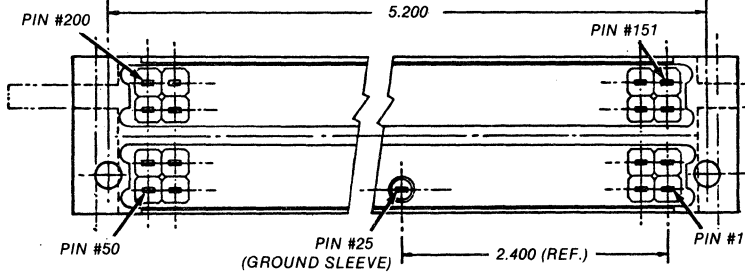
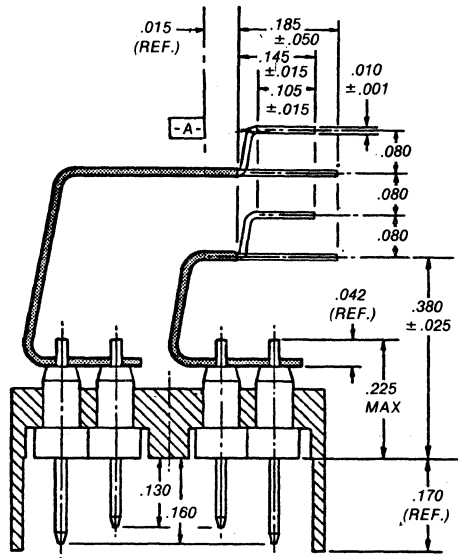
EXTRUSION ONLY



80H3



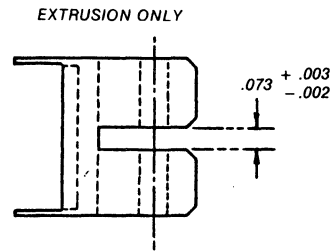
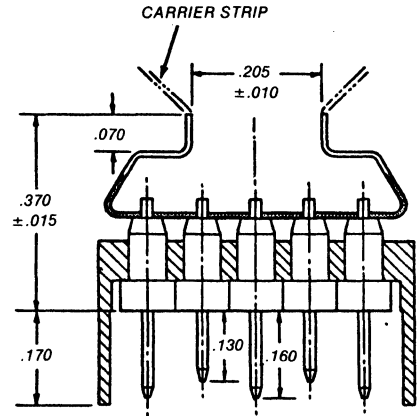
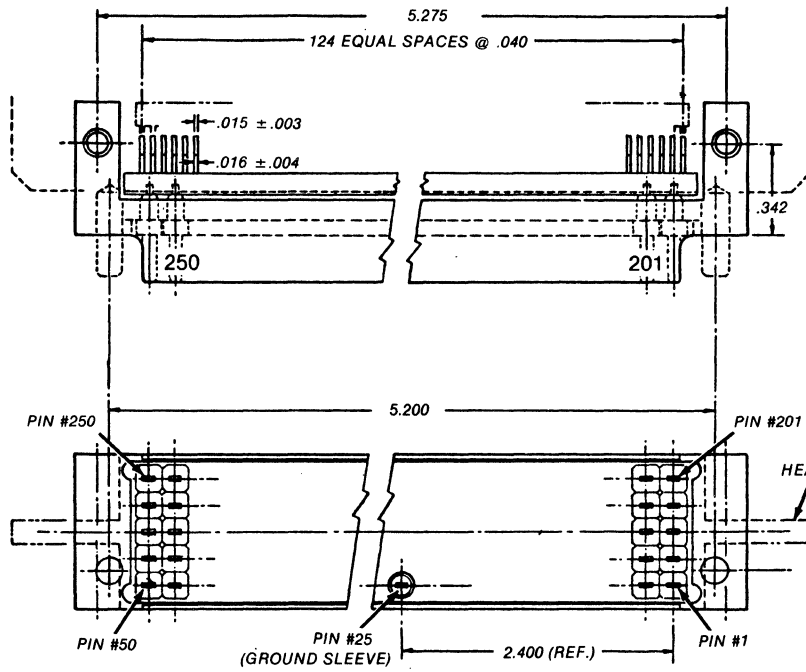
HEAT SINK



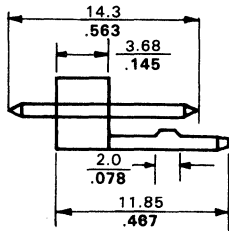
2 PC. EXTRUSION
REMOVABLE
'EAR MOUNT'

OUTLINE DRAWINGS

80H4

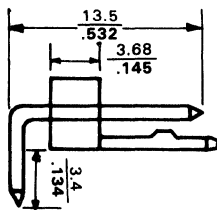


84H1



Position No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	2.54 .1	5.08 .2	7.62 .3	10.16 .4	12.7 .5	15.4 .6	17.78 .7	20.32 .8	22.86 .9	25.4 1.0	27.94 1.1	30.48 1.2	33.02 1.3	35.56 1.4	38.1 1.5

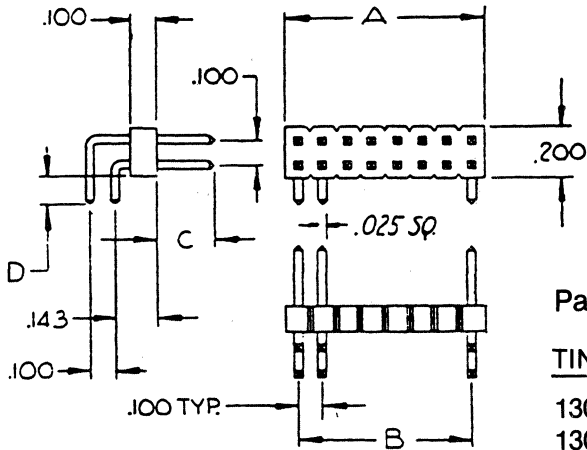
84H2



Position No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	2.54 .1	5.08 .2	7.62 .3	10.16 .4	12.7 .5	15.4 .6	17.78 .7	20.32 .8	22.86 .9	25.4 1.0	27.94 1.1	30.48 1.2	33.02 1.3	35.56 1.4	38.1 1.5

OUTLINE DRAWINGS

83H4



RIGHT ANGLE POST HEADERS — 13000 Series 04 Through 72 Positions

Part Numbers:

Dimensions (inches):

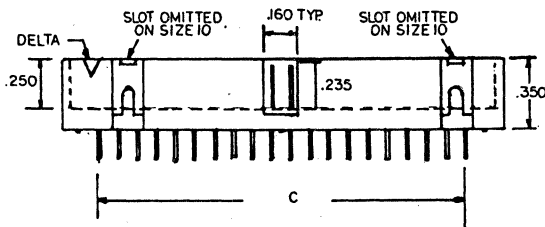
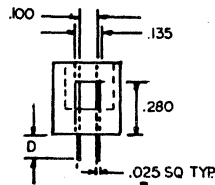
TIN ¹	GOLD ²	A	B	C	D
13000-xx	13003-xx	*	**	.235	.093
13001-xx	13004-xx	*	**	.235	.165
13002-xx	13005-xx	*	**	.235	.510
13009-xx	13012-xx	*	**	.318	.093
13010-xx	13013-xx	*	**	.318	.165
13011-xx	13014-xx	*	**	.318	.510

-xx indicates the number of contact positions.

NOTE: **"A" Dimensions = $\frac{\# \text{ of positions}}{2} \times .100$ "

***"B" Dimensions = "A" Dimensions — .100"

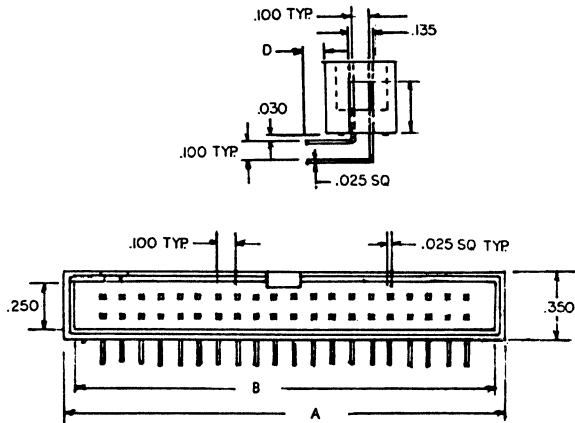
83H5



# POS	Dimensions (inches):			
	A	B	C	D
10	.800	.705	.400	.093
16	1.100	1.005	.700	.093
20	1.300	1.205	.900	.093
26	1.600	1.505	1.200	.093
34	2.000	1.905	1.600	.093
40	2.300	2.205	1.900	.093
50	2.800	2.705	2.400	.093
60	3.300	3.205	2.900	.093
64	3.500	3.405	3.100	.093
10	.800	.705	.400	.155
16	1.100	1.005	.700	.155
20	1.300	1.205	.900	.155
26	1.600	1.505	1.200	.155
34	2.000	1.905	1.600	.155
40	2.300	2.205	1.900	.155
50	2.800	2.705	2.400	.155
60	3.300	3.205	2.900	.155
64	3.500	3.405	3.100	.155

OUTLINE DRAWINGS

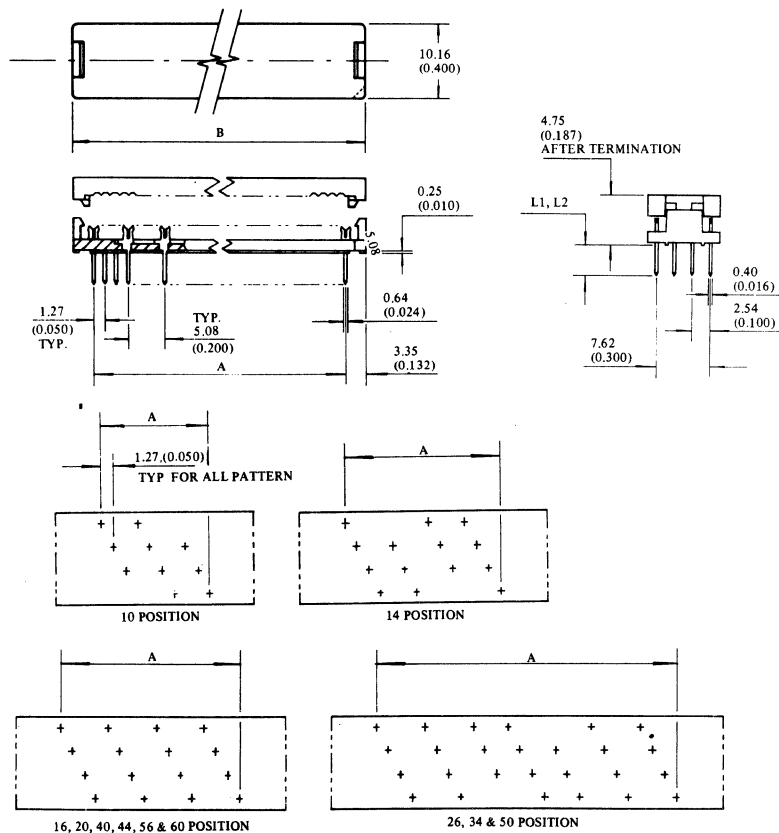
83H6



# POS	Dimensions (inches):			
	A	B	C	D
10	.800	.705	.400	.093
16	1.100	1.005	.700	.093
20	1.300	1.205	.900	.093
26	1.600	1.505	1.200	.093
34	2.000	1.905	1.600	.093
40	2.300	2.205	1.900	.093
50	2.800	2.705	2.400	.093
60	3.300	3.205	2.900	.093
64	3.500	3.405	3.100	.093
10	.800	.705	.400	.155
16	1.100	1.005	.700	.155
20	1.300	1.205	.900	.155
26	1.600	1.505	1.200	.155
34	2.000	1.905	1.600	.155
40	2.300	2.205	1.900	.155
50	2.800	2.705	2.400	.155
60	3.300	3.205	2.900	.155
64	3.500	2.403	3.100	.155

86H4

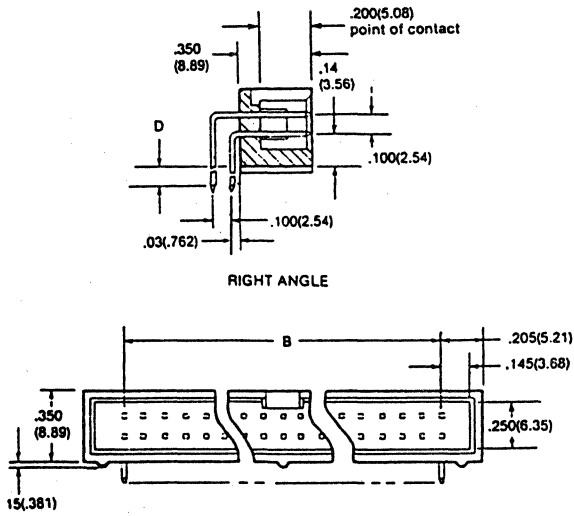
DIMENSIONS



NO. OF CONTACTS	DIM. A	DIM. B
10	11.43 (0.450)	18.13 (0.714)
14	16.51 (0.650)	23.21 (0.914)
16	19.05 (0.750)	25.75 (1.014)
20	24.13 (0.950)	30.83 (1.214)
26	31.75 (1.250)	38.45 (1.514)
34	41.91 (1.650)	48.61 (1.914)
40	49.53 (1.950)	56.23 (2.214)
44	54.61 (2.150)	61.31 (2.414)
50	62.23 (2.450)	68.93 (2.714)
56	69.85 (2.750)	76.55 (3.014)
60	74.93 (2.950)	81.63 (3.214)

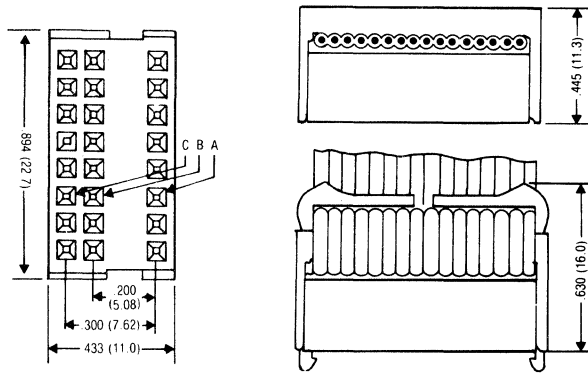
OUTLINE DRAWINGS

83H8

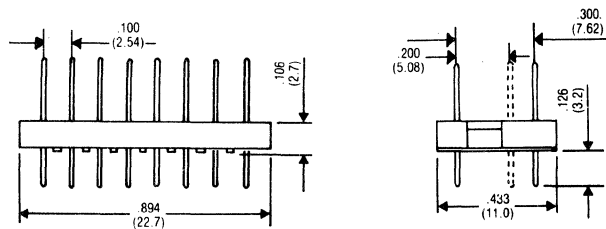


# POS	A	B	C	D
10	.800	.705	.400	.510
16	1.100	1.005	.700	.510
20	1.300	1.205	.900	.510
28	1.600	1.505	1.200	.510
34	2.000	1.905	1.600	.510
40	2.300	2.205	1.900	.510
50	2.800	2.705	2.400	.510
60	3.300	3.205	2.900	.510
64	3.500	3.405	3.100	.510

98H1



98H2

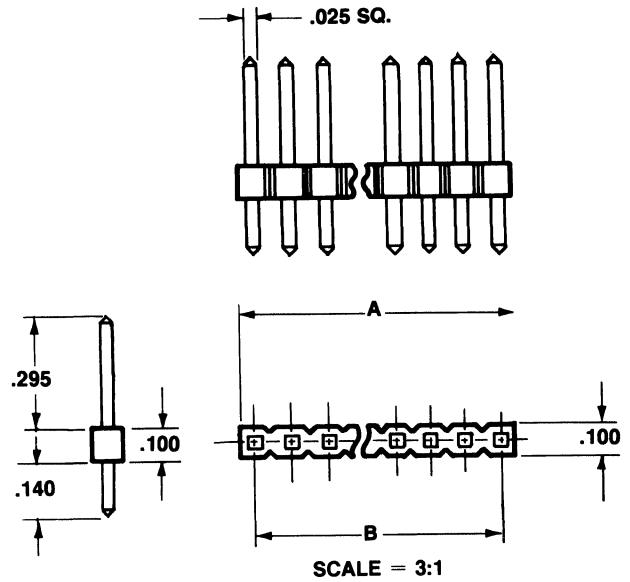


*NOTE: These headers are available on 0.10" x 0.20" (2.54 x 5.08 mm) grid.

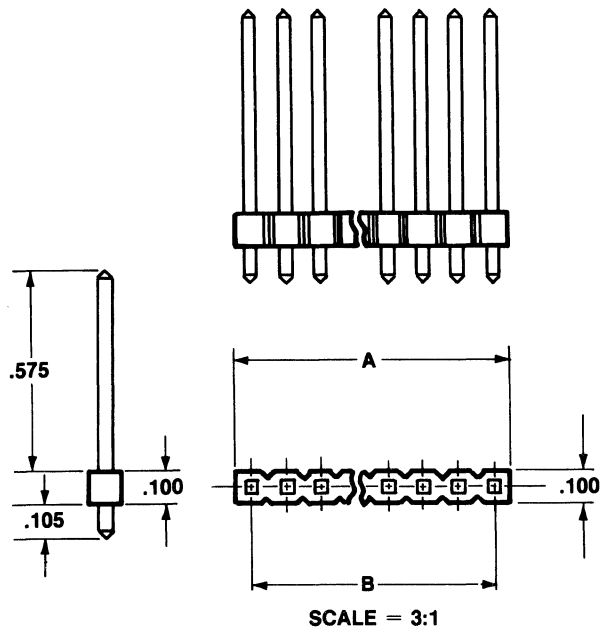
OUTLINE DRAWINGS

83H10

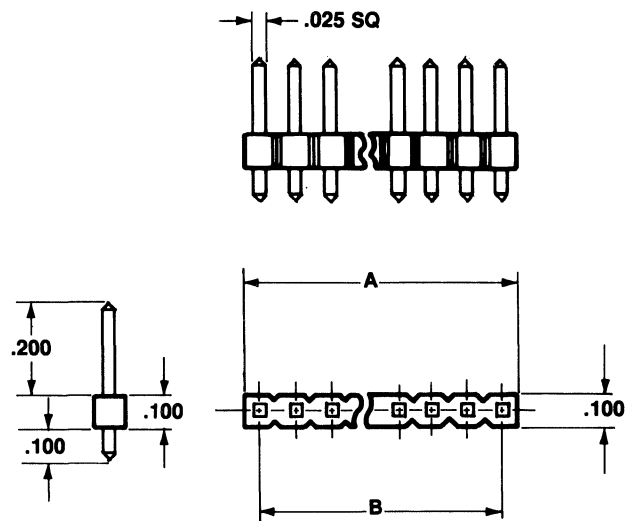
# OF POSITIONS	DIM. A	DIM. B	# OF POSITIONS	DIM. A	DIM. B
1	.100	-	19	1.90	1.80
2	.200	.100	20	2.00	1.90
3	.300	.200	21	2.10	2.00
4	.400	.300	22	2.20	2.10
5	.500	.400	23	2.30	2.20
6	.600	.500	24	2.40	2.30
7	.700	.600	25	2.50	2.40
8	.800	.700	26	2.60	2.50
9	.900	.800	27	2.70	2.60
10	1.00	.900	28	2.80	2.70
11	1.10	1.00	29	2.90	2.80
12	1.20	1.10	30	3.00	2.90
13	1.30	1.20	31	3.10	3.00
14	1.40	1.30	32	3.20	3.10
15	1.50	1.40	33	3.30	3.20
16	1.60	1.50	34	3.40	3.30
17	1.70	1.60	35	3.50	3.40
18	1.80	1.70	36	3.60	3.50



83H10a

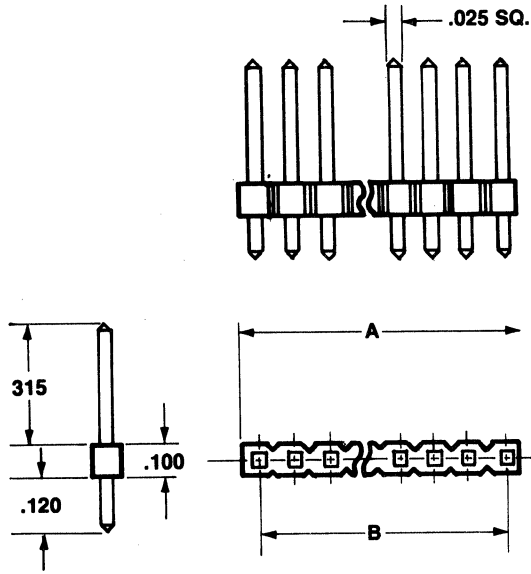


83H10b

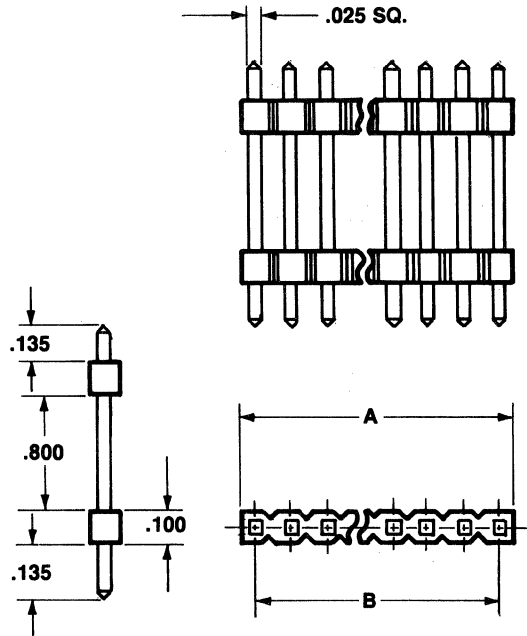


OUTLINE DRAWINGS

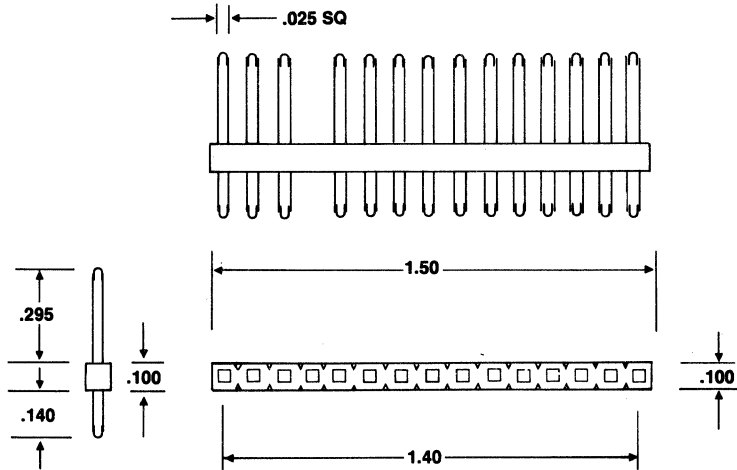
83H10c



83H10d



83H9

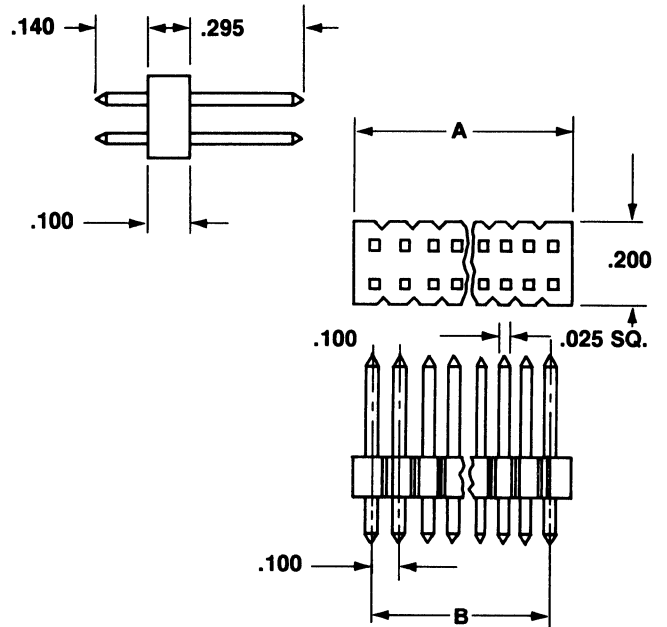


SCALE = 3:1

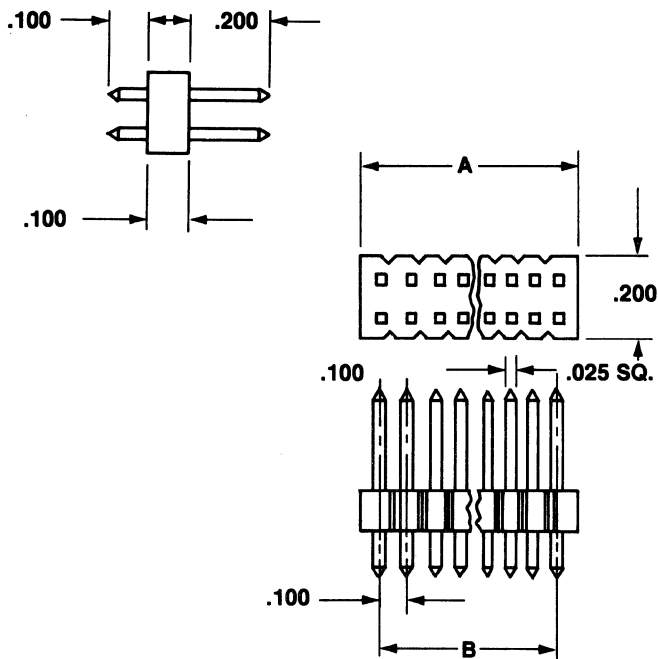
OUTLINE DRAWINGS

83H11

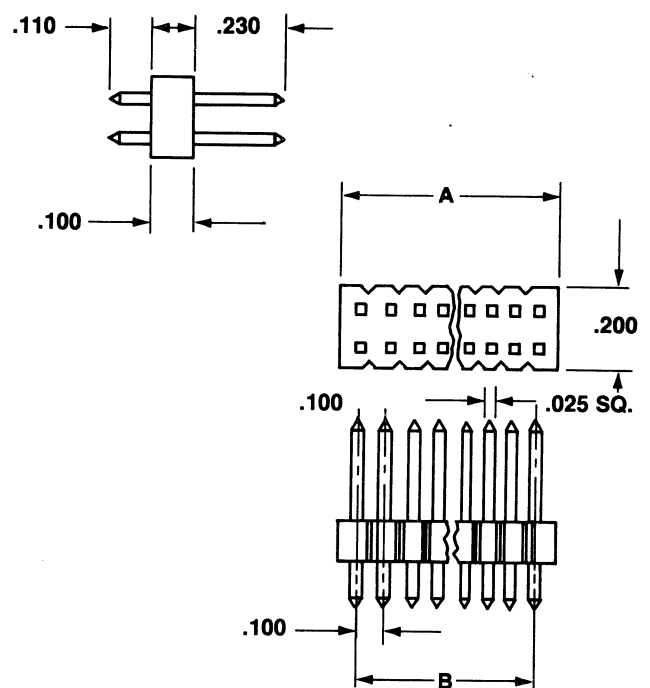
# OF POSITIONS	DIM. A	DIM. B	# OF POSITIONS	DIM. A	DIM. B
2	.100	-	38	1.90	1.80
4	.200	.100	40	2.00	1.90
6	.300	.200	42	2.10	2.00
8	.400	.300	44	2.20	2.10
10	.500	.400	46	2.30	2.20
12	.600	.500	48	2.40	2.30
14	.700	.600	50	2.50	2.40
16	.800	.700	52	2.60	2.50
18	.900	.800	54	2.70	2.60
20	1.00	.900	56	2.80	2.70
22	1.10	1.00	58	2.90	2.80
24	1.20	1.10	60	3.00	2.90
26	1.30	1.20	62	3.10	3.00
28	1.40	1.30	64	3.20	3.10
30	1.50	1.40	66	3.30	3.20
32	1.60	1.50	68	3.40	3.30
34	1.70	1.60	70	3.50	3.40
36	1.80	1.70	72	3.60	3.50



83H11a

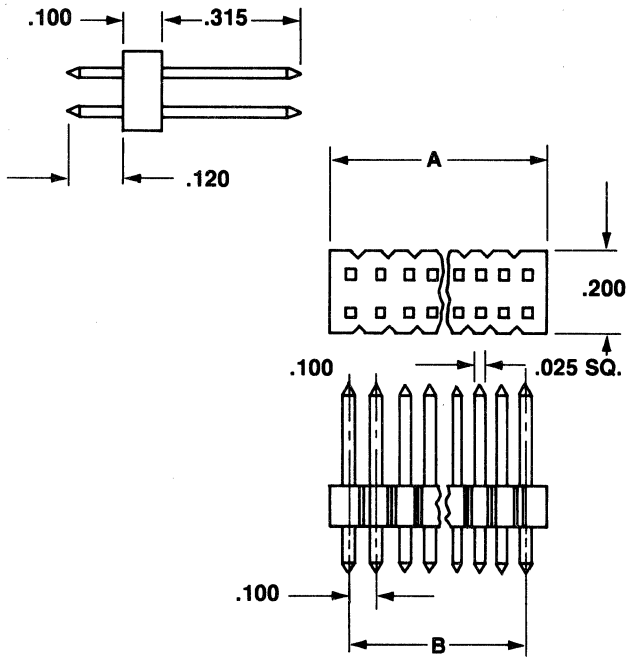


83H11b

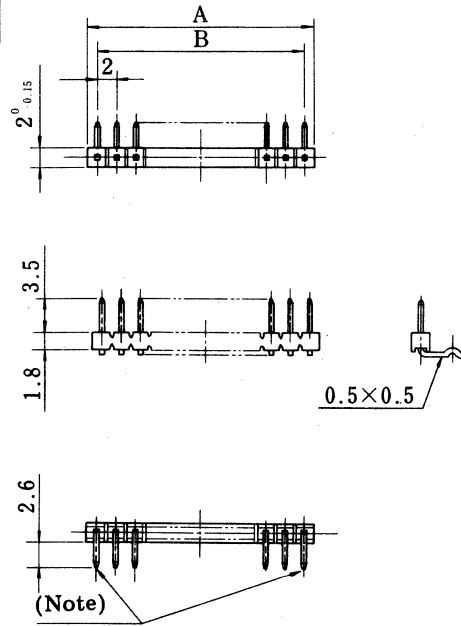


OUTLINE DRAWINGS

83H11c



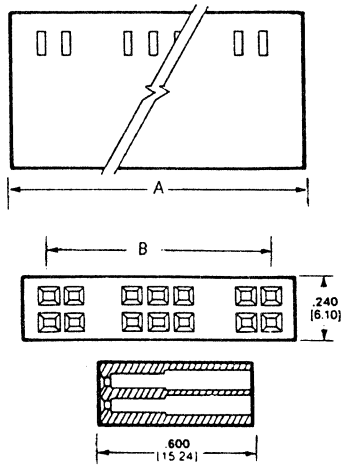
120H8



Note: 2 outside contacts chamfered to facilitate PCB installation.

POSITIONS	A	B
2	4	2
3	6	4
4	8	6
5	10	8
6	12	10
7	14	12
8	16	14
9	18	16
10	20	18
11	22	20
12	24	22
13	26	24
14	28	26
15	30	28
16	32	30

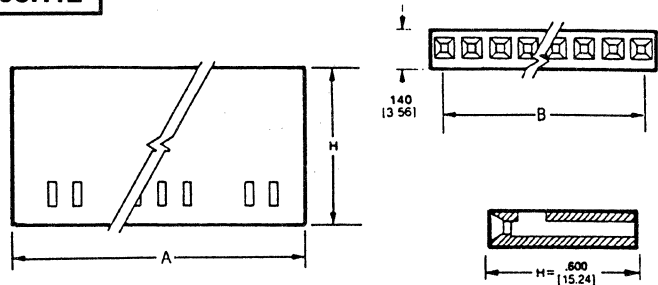
83H13



NOTE: ***"A" Dimensions = $\frac{\text{\# of positions}}{2} \times .100$ "

***"B" Dimensions = "A" Dimensions - .100"

83H12



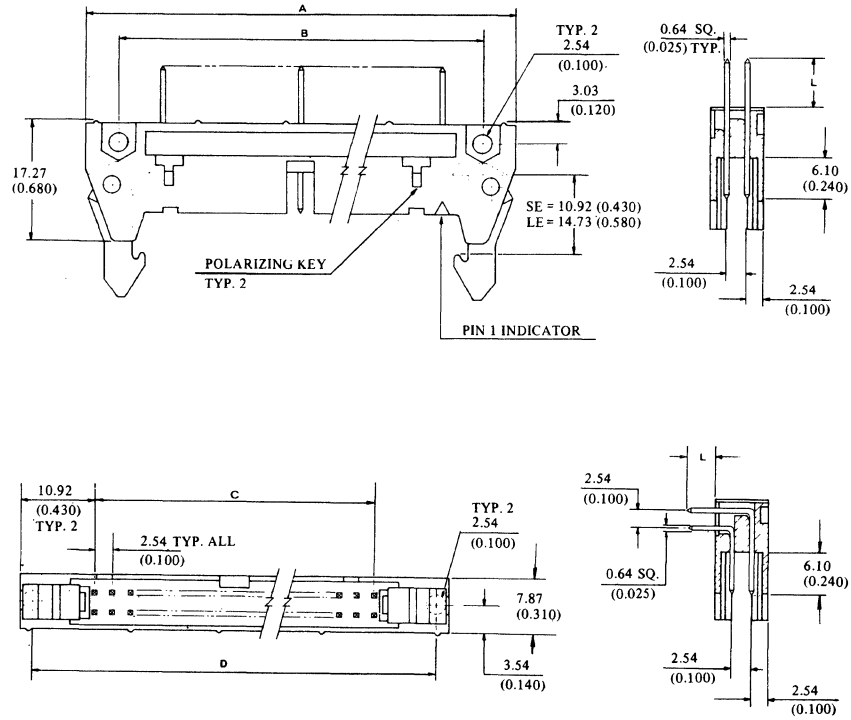
NOTE: ***"A" Dimensions = # of positions X .100"

***"B" Dimensions = "A" Dimensions - .100"

OUTLINE DRAWINGS

86H1

DIMENSIONS



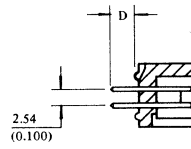
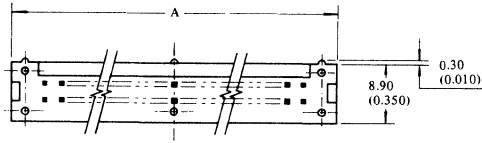
TYPE OF CONTACT	D1	D2	W2	W3
DIMENSION L1 (FOR STRAIGHT)	3.30 (0.130)	3.94 (0.155)	11.94 (0.47)	15.49 (0.61)
DIMENSION L2 (FOR RIGHT ANGLE)	3.30 (0.130)	3.94 (0.155)	11.94 (0.47)	15.49 (0.61)

NO. OF CONTACTS	DIM. A	DIM. B	DIM. C	D NO. OF SPACES	DIM. E	NO MOUNTING EAR DIM. F	DIM. G	DIM. H
10	45.72 (1.800)	23.88 (.0940)	15.37 (0.605)	4	33.02 (1.300)	23.88 (0.940)	39.12 (1.540)	33.02 (1.300)
16	53.34 (2.100)	31.50 (1.240)	22.99 (0.905)	7	40.64 (1.600)	31.50 (1.240)	46.74 (1.840)	40.64 (1.600)
20	58.42 (2.300)	36.58 (1.440)	28.07 (1.105)	9	45.72 (1.800)	36.58 (1.440)	51.82 (2.040)	45.72 (1.800)
26	66.04 (2.600)	44.20 (1.740)	35.69 (1.405)	12	53.34 (2.100)	44.20 (1.740)	59.44 (2.340)	53.34 (2.100)
30	71.12 (2.800)	49.28 (1.940)	40.77 (1.605)	14	58.42 (2.300)	49.28 (1.940)	64.52 (2.540)	58.42 (2.300)
34	76.20 (3.000)	54.36 (2.140)	45.85 (1.805)	16	63.50 (2.500)	54.36 (2.140)	69.60 (2.740)	63.50 (2.500)
40	83.82 (3.300)	61.98 (2.440)	53.47 (2.105)	19	71.12 (2.800)	61.98 (2.440)	77.22 (3.040)	71.12 (2.800)
50	96.52 (3.800)	74.68 (2.940)	66.17 (2.605)	24	83.82 (3.300)	74.68 (2.940)	89.92 (3.540)	83.82 (3.300)
60	109.22 (4.300)	87.38 (3.440)	78.87 (3.105)	29	96.52 (3.800)	87.38 (3.440)	102.62 (4.040)	96.52 (3.800)
64	114.30 (4.500)	92.46 (3.640)	83.95 (3.305)	31	101.60 (4.000)	92.46 (3.640)	107.7 (4.240)	101.60 (4.000)

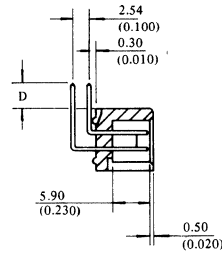
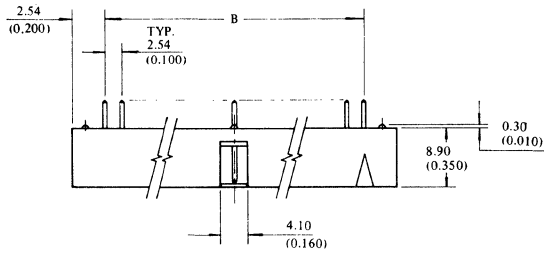
OUTLINE DRAWINGS

86H2

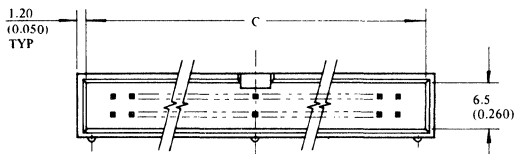
DIMENSIONS



STRAIGHT PIN CONFIG.



RIGHT ANGLE PIN CONFIG.



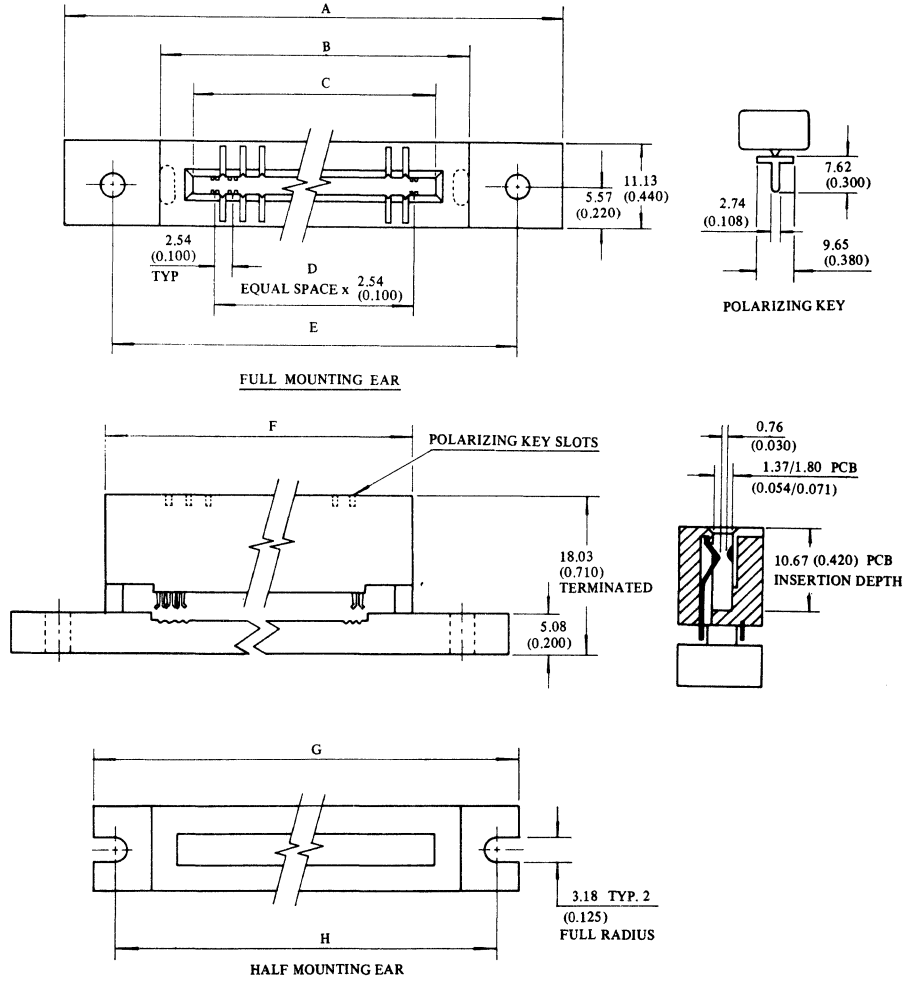
NO. OF CONTACTS	DIM. A	DIM. B	DIM. C
10	20.32 (0.800)	10.16 (0.400)	17.92 (0.706)
14	25.40 (1.000)	15.24 (0.600)	23.00 (0.906)
16	27.94 (1.100)	17.78 (0.700)	25.54 (1.006)
20	33.02 (1.300)	22.86 (0.900)	30.62 (1.206)
26	40.64 (1.600)	30.48 (1.200)	38.24 (1.506)
30	45.72 (1.800)	35.56 (1.400)	43.32 (1.706)
34	50.80 (2.000)	40.64 (1.600)	48.40 (1.906)
36	53.34 (2.100)	43.18 (1.700)	50.94 (2.006)
40	58.42 (2.300)	48.26 (1.900)	56.02 (2.206)
50	71.12 (2.800)	60.96 (2.400)	68.72 (2.706)
60	83.82 (3.300)	73.66 (2.900)	81.42 (3.206)
64	88.90 (3.500)	78.74 (3.100)	86.50 (3.406)

TYPE OF CONTACT	D1	D2	W2	W3
DIMENSION D	2.80 (0.110)	3.94 (0.155)	11.94 (0.470)	15.49 (0.610)

OUTLINE DRAWINGS

86H3

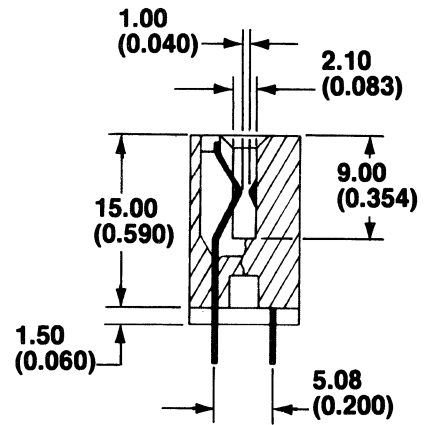
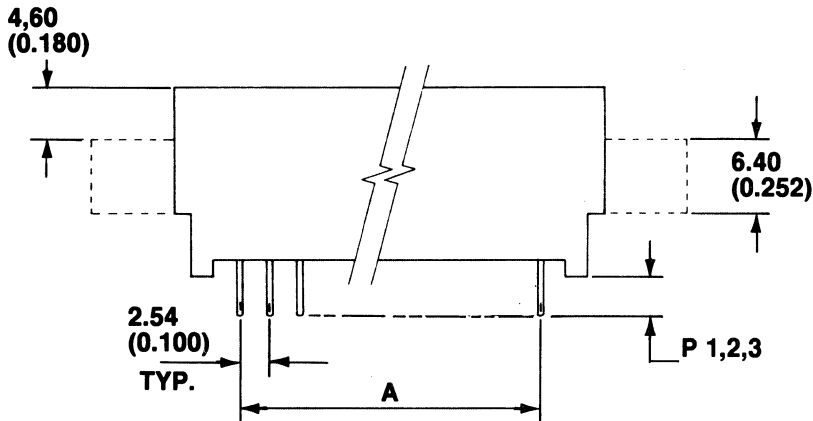
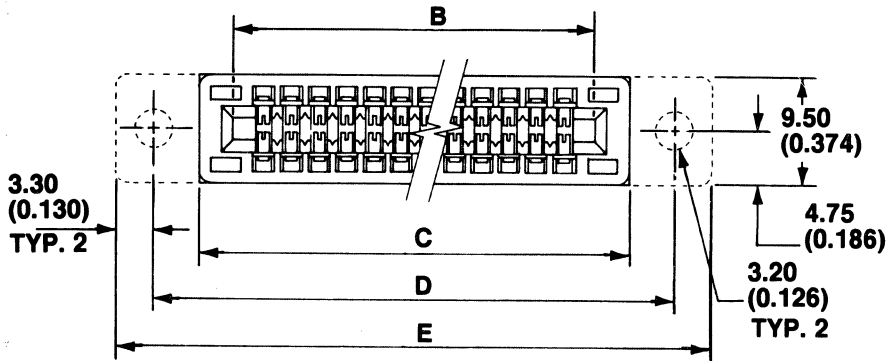
DIMENSIONS



NO. OF CONTACTS	DIM. A	DIM. B	DIM. C	D NO. OF SPACES	DIM. E	NO MOUNTING EAR DIM. F	DIM. G	DIM. H
10	45.72 (1.800)	23.88 (.940)	15.37 (0.605)	4	33.02 (1.300)	23.88 (0.940)	39.12 (1.540)	33.02 (1.300)
16	53.34 (2.100)	31.50 (1.240)	22.99 (0.905)	7	40.64 (1.600)	31.50 (1.240)	46.74 (1.840)	40.64 (1.600)
20	58.42 (2.300)	36.58 (1.440)	28.07 (1.105)	9	45.72 (1.800)	36.58 (1.440)	51.82 (2.040)	45.72 (1.800)
26	66.04 (2.600)	44.20 (1.740)	36.69 (1.405)	12	53.34 (2.100)	44.20 (1.740)	59.44 (2.340)	53.34 (2.100)
30	71.12 (2.800)	49.28 (1.940)	40.77 (1.605)	14	58.42 (2.300)	49.28 (1.940)	64.52 (2.540)	58.42 (2.300)
34	76.20 (3.000)	54.36 (2.140)	45.85 (1.805)	16	63.50 (2.500)	54.36 (2.140)	69.60 (2.740)	63.50 (2.500)
40	83.82 (3.300)	61.98 (2.440)	53.47 (2.105)	19	71.12 (2.800)	61.98 (2.440)	77.22 (3.040)	71.12 (2.800)
50	96.52 (3.800)	74.68 (2.940)	66.17 (2.605)	24	83.82 (3.300)	74.68 (2.940)	89.92 (3.540)	83.82 (3.300)
60	109.22 (4.300)	87.38 (3.440)	78.87 (3.105)	29	96.52 (3.800)	87.38 (3.440)	102.62 (4.040)	96.52 (3.800)
64	114.30 (4.500)	92.46 (3.640)	83.95 (3.305)	31	101.60 (4.000)	92.46 (3.640)	107.7 (4.240)	101.60 (4.000)

OUTLINE DRAWINGS

86H5

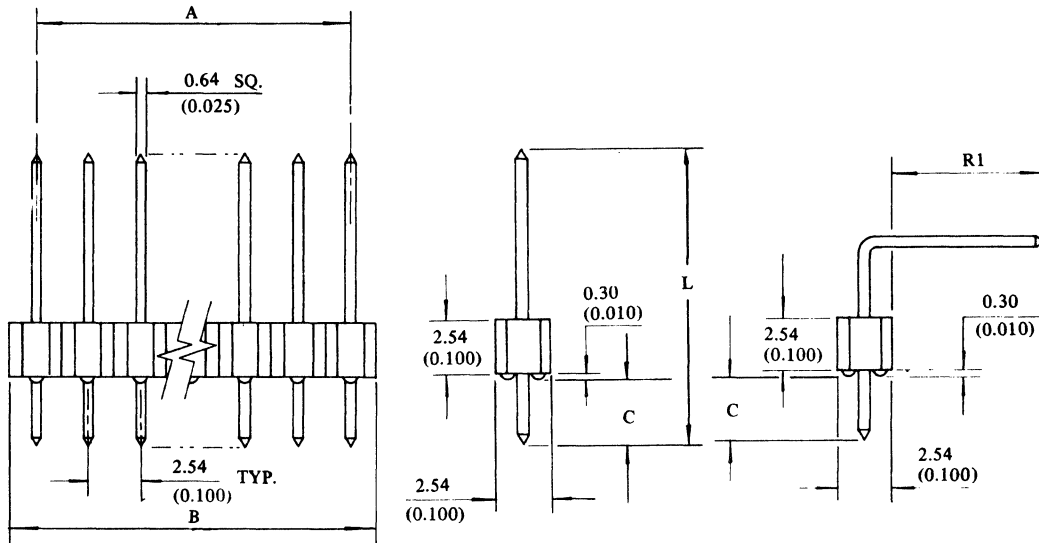


NO. OF CONTACTS	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E
20	22.86 (0.900)	28.06 (1.105)	34.06 (1.341)	42.06 (1.656)	48.66 (1.916)
30	35.56 (1.400)	40.76 (1.605)	46.76 (1.841)	54.76 (2.156)	61.36 (2.416)
40	48.26 (1.900)	53.46 (2.105)	59.46 (2.341)	67.46 (2.656)	74.06 (2.916)
44	53.34 (2.100)	58.54 (2.305)	64.54 (2.541)	72.54 (2.856)	79.14 (3.116)
50	60.96 (2.400)	66.16 (2.605)	72.16 (2.841)	80.16 (3.156)	86.76 (3.416)
56	66.58 (2.700)	73.78 (2.905)	79.78 (3.141)	87.78 (3.456)	94.38 (3.716)
60	73.66 (2.900)	78.86 (3.105)	84.86 (3.341)	92.86 (3.656)	99.46 (3.916)
62	76.20 (3.000)	81.40 (3.205)	87.40 (3.441)	95.40 (3.756)	102.00 (4.016)
70	86.36 (3.400)	91.56 (3.605)	97.56 (3.841)	105.56 (4.156)	112.16 (4.416)
72	88.90 (3.500)	94.10 (3.705)	100.10 (3.941)	108.10 (4.256)	114.70 (4.516)
80	99.06 (4.200)	104.26 (4.105)	110.26 (4.341)	118.26 (4.656)	124.86 (4.916)
86	106.68 (4.900)	111.88 (4.405)	117.88 (4.641)	125.88 (4.956)	132.48 (5.216)
100	124.46 (5.400)	129.66 (5.105)	135.66 (5.341)	143.66 (5.656)	150.26 (5.916)
110	137.16 (5.900)	142.36 (5.605)	148.36 (5.841)	156.36 (6.156)	162.96 (6.416)
120	149.86 (6.400)	155.06 (6.105)	161.06 (6.341)	169.06 (6.656)	175.66 (6.916)
130	162.56 (6.900)	167.76 (6.605)	173.76 (6.841)	181.76 (7.156)	188.36 (7.416)
140	175.26 (7.400)	180.46 (7.105)	186.46 (7.341)	194.46 (7.656)	201.06 (7.916)

OUTLINE DRAWINGS

86H6

DIMENSIONS



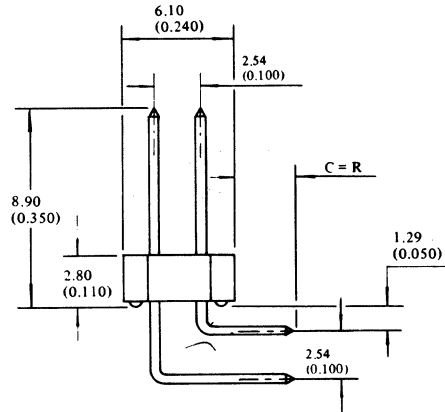
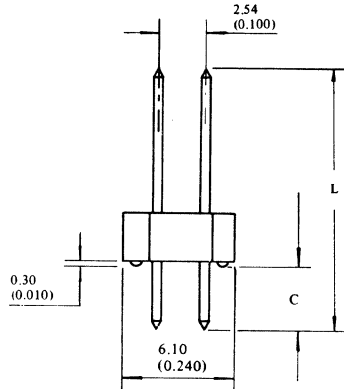
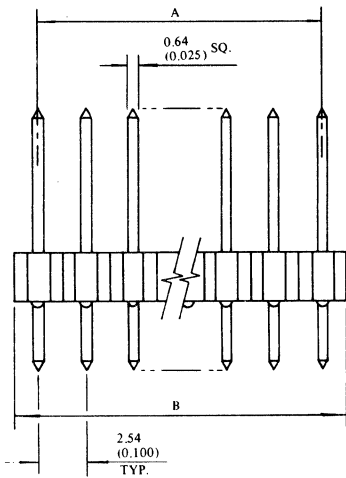
NO. OF PINS	DIM. A	DIM. B	NO. OF PINS	DIM. A	DIM. B	NO. OF PINS	DIM. A	DIM. B
01		2.54 (0.100)	13	30.48 (1.200)	33.02 (1.300)	25	60.94 (2.400)	63.50 (2.500)
02	2.54 (0.100)	5.08 (0.200)	14	33.02 (1.300)	35.56 (1.400)	26	63.50 (2.500)	66.04 (2.600)
03	5.08 (0.200)	7.62 (0.300)	15	35.56 (1.400)	38.10 (1.500)	27	66.04 (2.600)	68.58 (2.700)
04	7.62 (0.300)	10.16 (0.400)	16	38.10 (1.500)	40.64 (1.600)	28	68.58 (2.700)	71.12 (2.800)
05	10.16 (0.400)	12.70 (0.500)	17	40.64 (1.600)	43.18 (1.700)	29	71.12 (2.800)	73.66 (2.900)
06	12.70 (0.500)	15.24 (0.600)	18	43.18 (1.700)	45.72 (1.800)	30	73.66 (2.900)	76.20 (3.000)
07	15.24 (0.600)	17.78 (0.700)	19	45.72 (1.800)	48.26 (1.900)	31	76.20 (3.000)	78.74 (3.100)
08	17.78 (0.700)	20.32 (0.800)	20	48.26 (1.900)	50.80 (2.000)	32	78.74 (3.100)	81.28 (3.200)
09	20.32 (0.800)	22.86 (0.900)	21	50.80 (2.000)	53.34 (2.100)	33	81.28 (3.200)	83.82 (3.300)
10	22.86 (0.900)	25.40 (1.000)	22	53.34 (2.100)	55.88 (2.200)	34	83.82 (3.300)	86.36 (3.400)
11	25.40 (1.000)	27.94 (1.100)	23	55.88 (2.200)	58.42 (2.300)	35	86.36 (3.400)	88.90 (3.500)
12	27.94 (1.100)	30.48 (1.200)	24	58.42 (2.300)	60.96 (2.400)	36	88.90 (3.500)	91.44 (3.600)

DIMENSION C	2.45 (0.096)	3.00 (0.118)	3.94 (0.155)	15.49 (0.610)
	For 1.57 (0.062) PCB		For 3.18 (0.125) PCB	FOR WRAP POST TAILS

OUTLINE DRAWINGS

86H7

DIMENSIONS



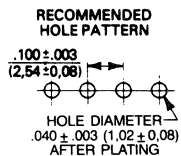
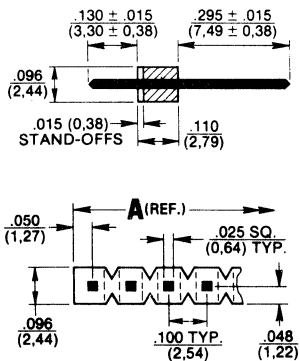
NO. OF PINS	DIM. A	DIM. B	NO. OF PINS	DIM. A	DIM. B	NO. OF PINS	DIM. A	DIM. B
02		2.54 (0.100)	22	25.40 (1.000)	27.94 (1.100)	42	50.80 (2.000)	53.34 (2.100)
04	2.54 (0.100)	5.08 (0.200)	24	27.94 (1.100)	30.48 (1.200)	44	53.34 (2.100)	55.88 (2.200)
06	5.08 (0.200)	7.62 (0.300)	26	30.48 (1.200)	33.02 (1.300)	46	55.88 (2.200)	58.42 (2.300)
08	7.62 (0.300)	10.16 (0.400)	28	33.02 (1.300)	35.56 (1.400)	48	58.42 (2.300)	60.96 (2.400)
10	10.16 (0.400)	12.70 (0.500)	30	35.56 (1.400)	38.10 (1.500)	50	60.96 (2.400)	63.50 (2.500)
12	12.70 (0.500)	15.24 (0.600)	32	38.10 (1.500)	40.64 (1.600)	52	63.50 (2.500)	66.04 (2.600)
14	15.24 (0.600)	17.78 (0.700)	34	40.64 (1.600)	43.18 (1.700)	54	66.04 (2.600)	68.58 (2.700)
16	17.78 (0.700)	20.32 (0.800)	36	43.18 (1.700)	45.72 (1.800)	56	68.58 (2.700)	71.12 (2.800)
18	20.32 (0.800)	22.86 (0.900)	38	45.72 (1.800)	48.26 (1.900)	58	71.12 (2.800)	73.66 (2.900)
20	22.86 (0.900)	25.40 (1.000)	40	48.26 (1.900)	50.80 (2.000)	60	73.66 (2.900)	76.20 (3.000)

DIMENSION C	3.000 (0.118)	3.94 (0.155)	15.49 (0.610)
	FOR PCB (0.062)	1.57 FOR PCB (0.125)	3.18 FOR PCB (0.125)

93H3

A (REF.) = .10 Times No. Of Pins

DIMENSIONS inches (mm)

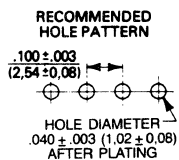
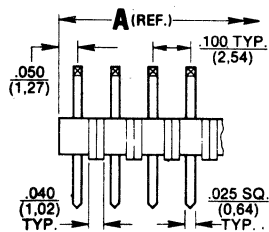
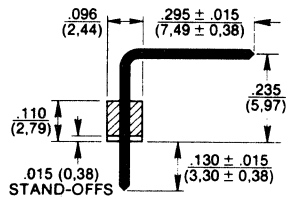


2.5-LB. MIN. REQ'D. TO PUSH OUT POST IN EITHER DIRECTION.

93H4

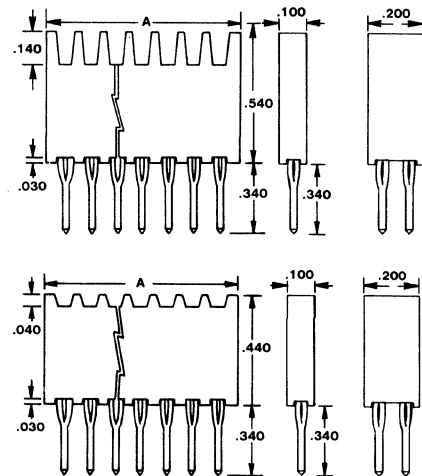
A (REF.) = .10 Times No. Of Pins

DIMENSIONS INCHES (mm)



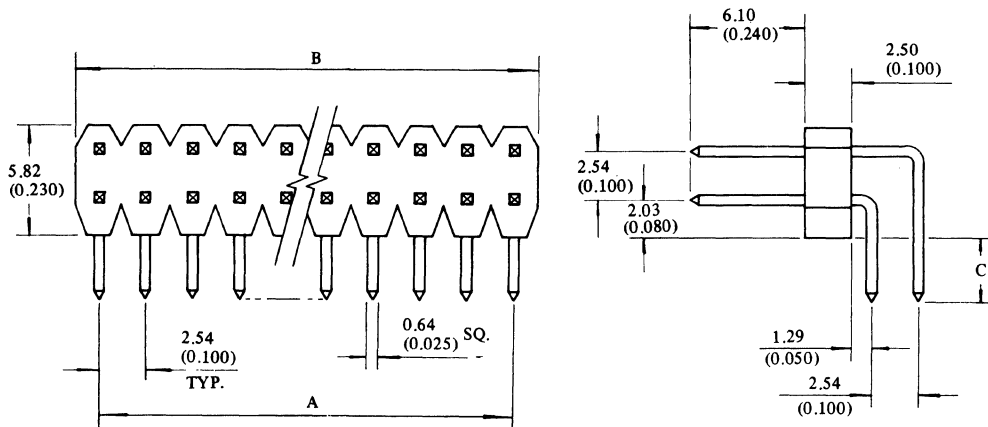
2.5-LB. MIN. REQ'D. TO PUSH OUT POST.

119H3



OUTLINE DRAWINGS

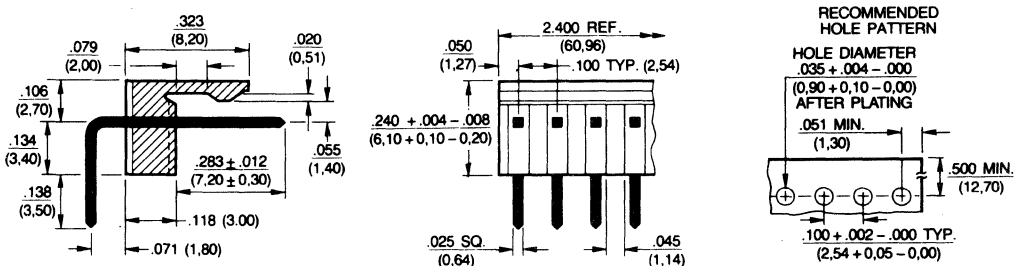
86H8



NO. OF PINS	DIM. A	DIM. B	NO. OF PINS	DIM. A	DIM. B	NO. OF PINS	DIM. A	DIM. B
02		2.54 (0.100)	22	25.40 (1.000)	27.94 (1.100)	42	50.80 (2.000)	53.34 (2.100)
04	2.54 (0.100)	5.08 (0.200)	24	27.94 (1.100)	30.48 (1.200)	44	53.34 (2.100)	55.88 (2.200)
06	5.08 (0.200)	7.62 (0.300)	26	30.48 (1.200)	33.02 (1.300)	46	55.88 (2.200)	58.42 (2.300)
08	7.62 (0.300)	10.16 (0.400)	28	33.02 (1.300)	35.56 (1.400)	48	58.42 (2.300)	60.96 (2.400)
10	10.16 (0.400)	12.70 (0.500)	30	35.56 (1.400)	38.10 (1.500)	50	60.96 (2.400)	63.50 (2.500)
12	12.70 (0.500)	15.24 (0.600)	32	38.10 (1.500)	40.64 (1.600)	52	63.50 (2.500)	66.04 (2.600)
14	15.24 (0.600)	17.78 (0.700)	34	40.64 (1.600)	43.18 (1.700)	54	66.04 (2.600)	68.58 (2.700)
16	17.78 (0.700)	20.32 (0.800)	36	43.18 (1.700)	45.72 (1.800)	56	68.58 (2.700)	71.12 (2.800)
18	20.32 (0.800)	22.86 (0.900)	38	45.72 (1.800)	48.26 (1.900)	58	71.12 (2.800)	73.66 (2.900)
20	22.86 (0.900)	25.40 (1.000)	40	48.26 (1.900)	50.80 (2.000)	60	73.66 (2.900)	76.20 (3.000)

DIMENSION C	2.45 (0.096)	3.94 (0.155)	15.49 (0.610)
	FOR 1.57 (0.062) PCB	FOR 3.18 (0.125) PCB	FOR WRAP POST TAILS

93H14



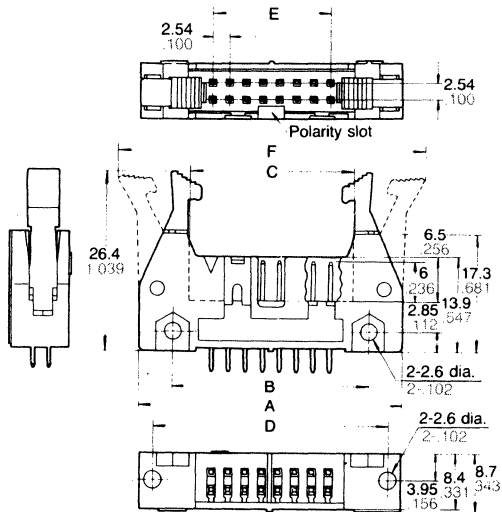
OUTLINE DRAWINGS

90H1

DIMENSIONS

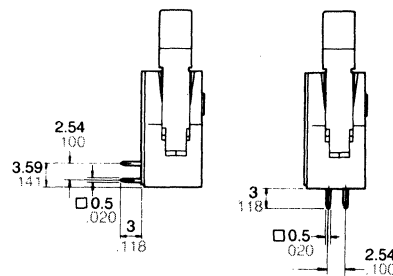
1. Header [Long lever]

mm inch



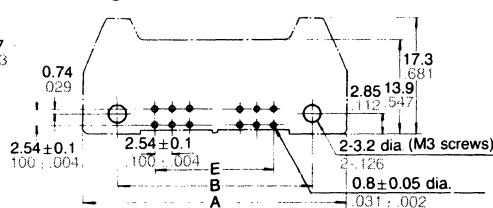
Tolerance: $\pm 0.3 \pm .012$

Terminal dimensions

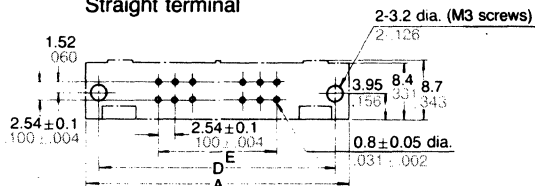


Tolerance: $\pm 0.3 \pm .012$

PC board pattern (BOTTOM VIEW)



Straight terminal

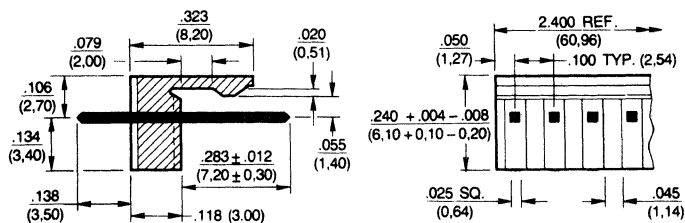


Tolerance: $\pm 0.3 \pm .012$

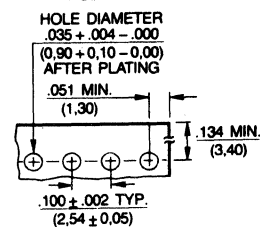
Dimension table

No. of contacts	No. of Polarity slot	A (mm inch)	B (mm inch)	C (mm inch)	D (mm inch)	E (mm inch)	F (mm inch)
10	0	32.0 1.260	21.84 .860	17.53 .690	27.9 1.098	10.16 .400	38.6 1.520
14	1	37.1 1.461	26.92 1.060	22.61 .890	33.0 1.299	15.24 .600	43.7 1.720
16	1	39.6 1.559	29.46 1.160	25.15 .990	35.6 1.402	17.78 .700	46.2 1.819
20	1	44.7 1.760	34.54 1.360	30.23 1.190	40.6 1.598	22.86 .900	51.3 2.020
26	1	52.3 2.059	42.16 1.660	37.85 1.490	48.3 1.902	30.48 1.200	58.9 2.319
30	1	57.4 2.260	47.24 1.860	42.93 1.690	53.34 2.100	35.56 1.400	64.0 2.520
34	1	62.5 2.461	52.32 2.060	48.01 1.890	58.4 2.299	40.64 1.600	69.1 2.720
40	1	70.1 2.760	59.94 2.360	55.63 2.190	66.0 2.598	48.26 1.900	76.7 3.020
50	1	82.8 3.260	72.64 2.860	68.33 2.690	78.7 3.098	60.96 2.400	89.4 3.520
60	1	95.5 3.760	85.34 3.360	81.03 3.190	91.4 3.598	73.66 2.900	102.1 4.020
64	1	100.6 3.961	90.42 3.560	86.11 3.390	96.5 3.799	78.74 3.100	107.2 4.220

93H13



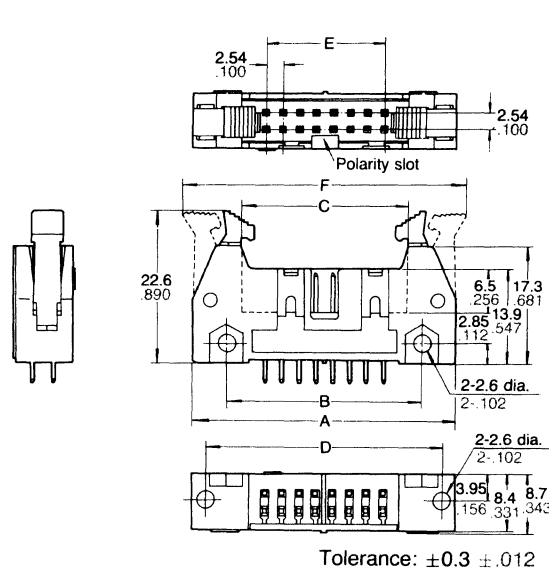
RECOMMENDED HOLE PATTERN



OUTLINE DRAWINGS

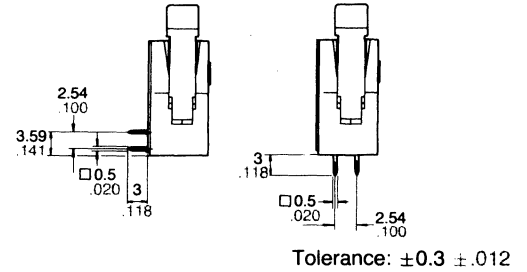
90H2

2. Header [Short lever]



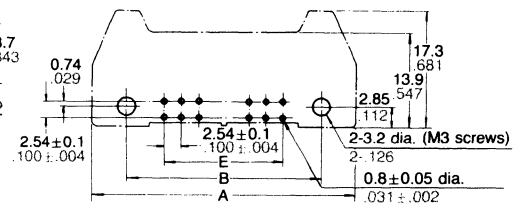
Terminal dimensions mm inch

Angle terminal Straight terminal

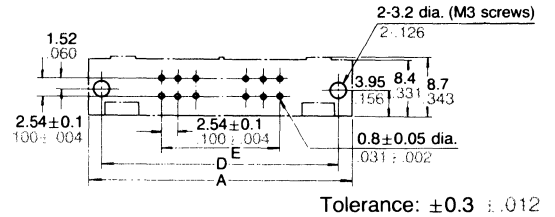


PC board pattern (BOTTOM VIEW)

Angle terminal



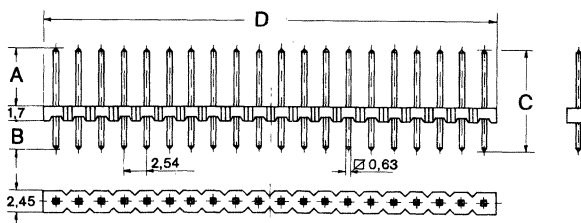
Straight terminal



Dimension table

No. of contacts	No. of Polarity slot	A (mm inch)	B (mm inch)	C (mm inch)	D (mm inch)	E (mm inch)	F (mm inch)
10	0	32.0 1.260	21.84 .860	17.53 .690	27.9 1.098	10.16 .400	35.0 1.378
14	1	37.1 1.461	26.92 1.060	22.61 .890	33.0 1.299	15.24 .600	40.1 1.579
16	1	39.6 1.559	29.46 1.160	25.15 .990	35.6 1.402	17.78 .700	42.7 1.681
20	1	44.7 1.760	34.54 1.360	30.23 1.190	40.6 1.598	22.86 .900	47.7 1.878
26	1	52.3 2.059	42.16 1.660	37.85 1.490	48.3 1.902	30.48 1.200	55.4 2.181
30	1	57.4 2.260	47.24 1.860	42.93 1.690	53.34 2.100	35.56 1.400	60.4 2.378
34	1	62.5 2.461	52.32 2.060	48.01 1.890	58.4 2.299	40.64 1.600	65.5 2.579
40	1	70.1 2.760	59.94 2.360	55.63 2.190	66.0 2.598	48.26 1.900	73.1 2.878
50	1	82.8 3.260	72.64 2.860	68.33 2.690	78.7 3.098	60.96 2.400	85.8 3.378
60	1	95.5 3.760	85.34 3.360	81.03 3.190	91.4 3.598	73.66 2.900	98.5 3.878
64	1	100.6 3.961	90.42 3.560	86.11 3.390	96.5 3.799	78.74 3.100	103.6 4.079

79H16

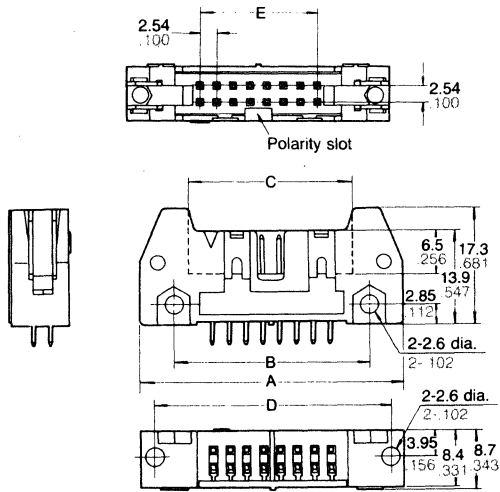


No. of contacts	Dimensions			
	A	B	C	D
8	4,5	3,0	9,2	20,2
20	4,5	3,0	9,2	50,5
8	6,5	3,0	11,2	20,2
20	6,5	3,0	11,2	50,5
8	7,7	3,0	12,4	20,2
20	7,7	3,0	12,4	50,5
8	8,5	3,4	13,6	20,2
20	8,5	3,4	13,6	50,5
8	8,5	4,5	14,7	20,2
20	8,5	4,5	14,7	50,5
8	15,4	4,0	21,1	20,2
20	15,4	4,0	21,1	50,5

OUTLINE DRAWINGS

90H3

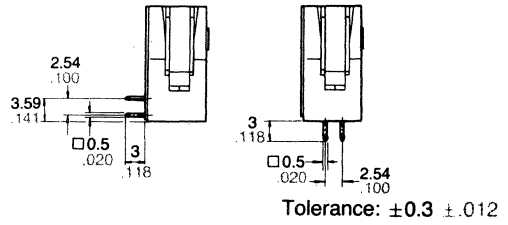
3. Header [No lever]



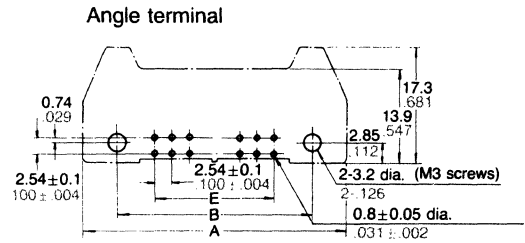
Dimension table

No. of contacts	No. of Polarity slot	A (mm inch)	B (mm inch)	C (mm inch)	D (mm inch)	E (mm inch)
10	0	32.0 1.260	21.84 .860	17.53 .690	27.9 1.098	10.16 .400
14	1	37.1 1.461	26.92 1.060	22.61 .890	33.0 1.299	15.24 .600
16	1	39.6 1.559	29.46 1.160	25.15 .990	35.6 1.402	17.78 .700
20	1	44.7 1.760	35.54 1.399	30.23 1.190	40.6 1.598	22.86 .900
26	1	52.3 2.059	42.16 1.660	37.85 1.490	48.3 1.902	30.48 1.200
30	1	57.4 2.260	47.24 1.860	42.93 1.690	53.34 2.100	35.56 1.400
34	1	62.5 2.461	52.32 2.060	48.01 1.890	58.4 2.299	40.64 1.600
40	1	70.1 2.760	59.94 2.360	55.63 2.190	66.0 2.598	48.26 1.900
50	1	82.8 3.260	72.64 2.860	68.33 2.690	78.7 3.098	60.96 2.400
60	1	95.5 3.760	85.34 3.360	81.03 3.190	91.4 3.598	73.66 2.900
64	1	100.6 3.961	90.42 3.560	86.11 3.390	96.5 3.799	78.74 3.100

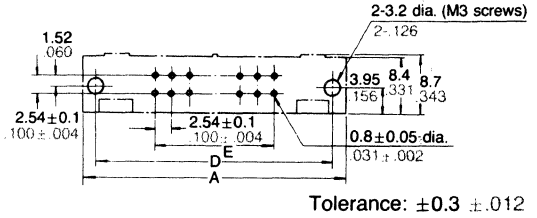
Terminal dimensions
Angle terminal Straight terminal



PC board pattern (BOTTOM VIEW)



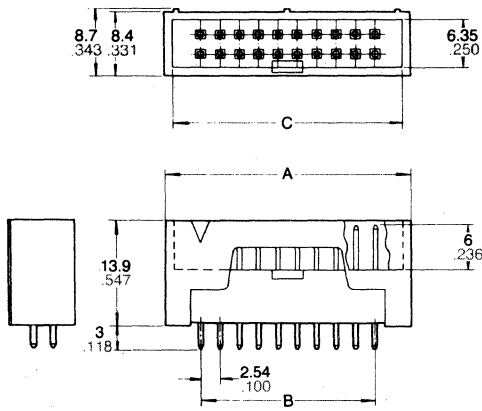
Straight terminal



90H4

DIMENSIONS

1. Box type

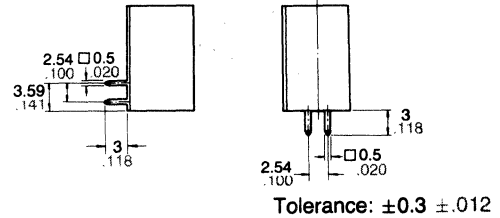


Dimension table

No. of contacts	A (mm inch)	B (mm inch)	C (mm inch)
10	19.6 .772	10.16 .400	17.53 .690
14	24.7 .972	15.24 .600	22.61 .890
16	27.3 1.075	17.78 .700	25.15 .990
20	32.3 1.272	22.86 .900	30.23 1.190
26	40.0 1.575	30.48 1.200	37.85 1.490
30	45.0 1.772	35.56 1.400	42.93 1.690

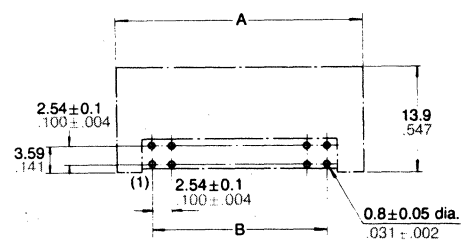
Terminal dimensions mm inch

Angle terminal Straight terminal

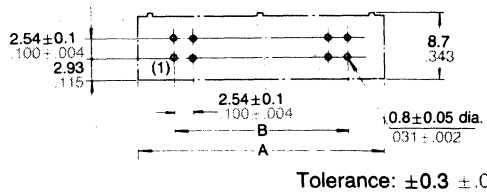


PC board pattern (BOTTOM VIEW)

Angle terminal



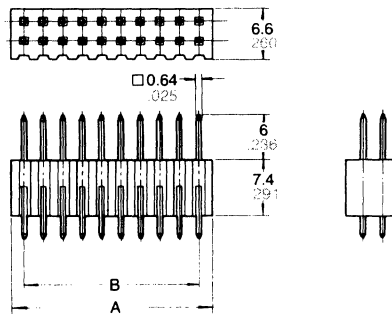
Straight terminal



OUTLINE DRAWINGS

90H5

2. Open type



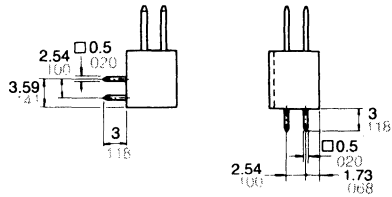
Tolerance: $\pm 0.3 \pm .012$

Dimension table

No. of contacts	A (mm inch)	B (mm inch)
10	13.6 535	10.16 400
14	18.6 732	15.24 600
16	21.2 835	17.78 700
20	26.3 1035	22.86 900
26	33.9 1335	30.48 1200
30	39.0 1535	35.56 1400
34	44.0 1732	40.64 1600
40	51.7 2035	48.26 1900
50	64.4 2535	60.96 2400

Terminal dimensions

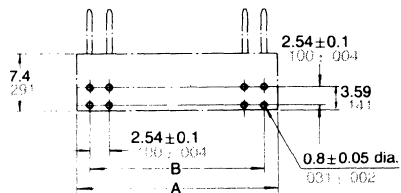
Angle terminal Straight terminal



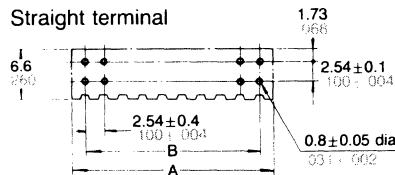
Tolerance: $\pm 0.3 \pm .012$

PC board pattern (BOTTOM VIEW)

Angle terminal

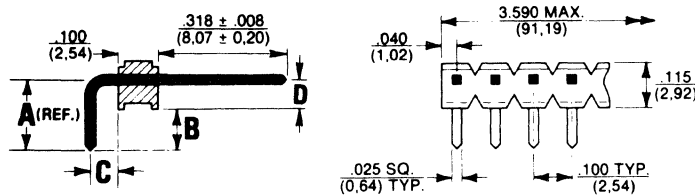


Straight terminal



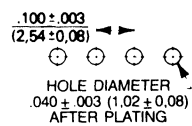
Tolerance: $\pm 0.3 \pm .012$

93H6



2.5-LB. MIN. REQ'D. TO PUSH OUT POST.

RECOMMENDED HOLE PATTERN



DASH	DIM A (REF)	DIM B	DIM C	DIM D
-01-XX	.180 (4,57)	.110 (2,79)	.070 (1,78)	.075 (1,91)
-10-XX	.215 (5,46)	.145 (3,68)	.070 (1,78)	.075 (1,91)
-11-XX	.245 (6,22)	.175 (4,45)	.070 (1,78)	.075 (1,91)
-02-XX	.480 (12,19)	.405 (10,29)	.070 (1,78)	.075 (1,91)
-03-XX	.680 (17,27)	.605 (15,37)	.070 (1,78)	.075 (1,91)
-04-XX	.280 (7,11)	.225 (5,72)	.170 (4,32)	.060 (1,52)
-12-XX	.315 (8,00)	.260 (6,60)	.170 (4,32)	.060 (1,52)
13-XX	.345 (8,76)	.290 (7,37)	.170 (4,32)	.060 (1,52)
-07-XX	.380 (9,65)	.320 (8,13)	.170 (4,32)	.060 (1,52)
-05-XX	.580 (14,73)	.520 (13,21)	.170 (4,32)	.060 (1,52)
-08-XX	.680 (1,27)	.620 (15,75)	.170 (4,32)	.060 (1,52)
	Tolerances:	$\pm .015$ (0,38)	$\pm .010$ (0,25)	$\pm .005$ (0,13)

Dimensions in Inches (mm)

OUTLINE DRAWINGS

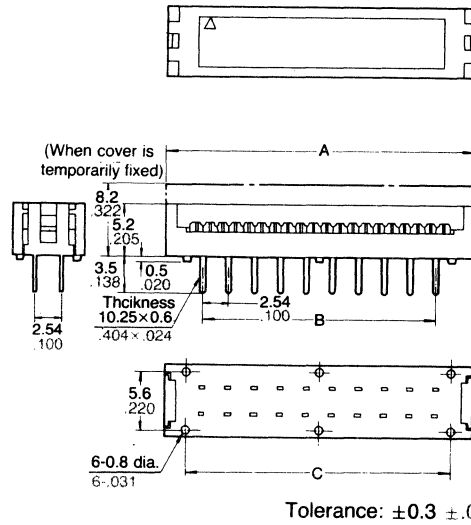
90H6

DIMENSIONS

1. Mini-Dip type

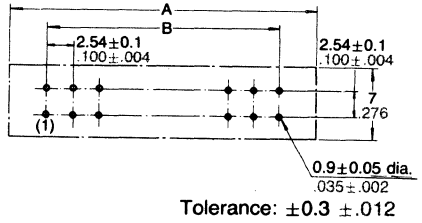
Dimension table

No. of contacts	A (mm inch)		B (mm inch)		C (mm inch)	
10	17.5	.689	10.16	.400	10.3	.406
14	22.7	.894	15.24	.600	15.5	.610
16	25.1	.988	17.78	.700	17.9	.705
20	30.2	1.189	22.86	.900	23.0	.906
26	37.9	1.492	30.48	1.200	30.6	1.205
30	42.9	1.689	35.56	1.400	35.7	1.406
34	48.0	1.890	40.64	1.600	40.8	1.606
40	55.6	2.189	48.26	1.900	48.4	1.906
50	68.3	2.689	60.96	2.400	61.1	2.406
60	81.0	3.189	73.66	2.900	73.8	2.906
64	86.1	3.390	78.74	3.100	78.9	3.106



mm inch

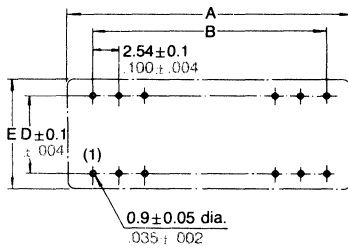
PC board pattern (BOTTOM VIEW)



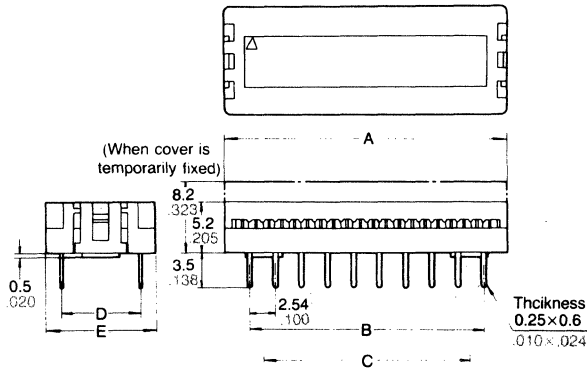
90H7

2. IC type

PC board pattern (BOTTOM VIEW)

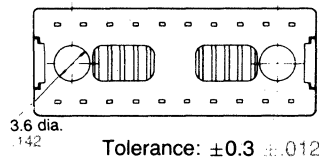


Tolerance: $\pm 0.3 \pm .012$



Dimension table

No. of contacts	A (mm inch)		B (mm inch)		C (mm inch)		D (mm inch)		E (mm inch)	
14	20.0	.787	15.24	.600	13.0	.512	7.62	.300	10.6	.417
16	22.5	.886	17.78	.700	15.0	.591	7.62	.300	10.6	.417
20	27.6	1.087	22.86	.900	20.0	.787	7.62	.300	10.6	.417
24	32.7	1.287	27.94	1.100	25.0	.984	15.24	.600	18.2	.717
40	53.0	2.087	48.26	1.900	45.2	1.780	15.24	.600	18.2	.717

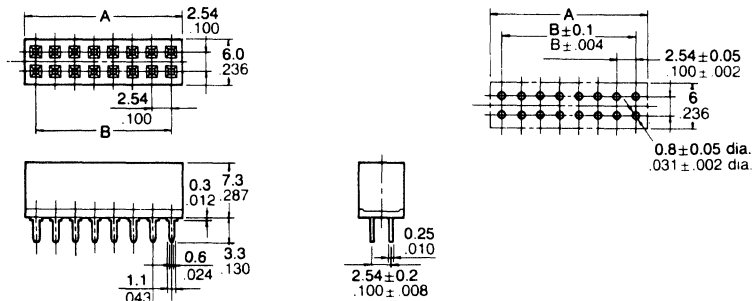


OUTLINE DRAWINGS

90H8

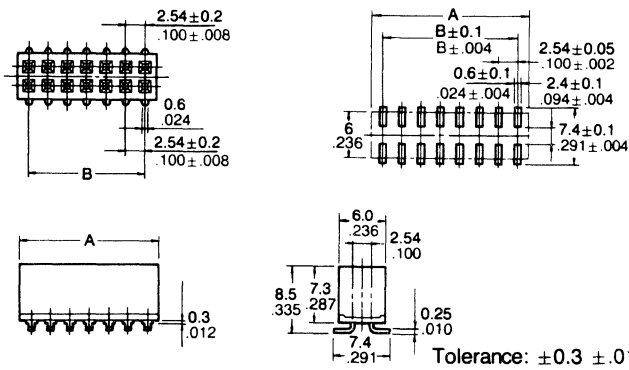
PC board pattern (Bottom view)

mm inch



Tolerance: $\pm 0.3 \pm .012$

PC board pattern



Tolerance: $\pm 0.3 \pm .012$

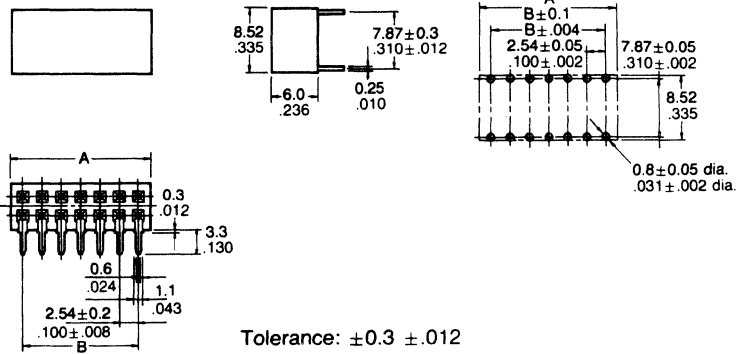
Dimension table

No. of contacts	A (mm inch)	B (mm inch)
10	13.24 .521	10.16 .400
14	18.28 .720	15.24 .600
16	20.86 .821	17.78 .700
20	25.86 1.018	22.86 .900
26	33.56 1.321	30.48 1.200
30	38.64 1.521	35.56 1.400
34	43.64 1.718	40.64 1.600
40	51.34 2.021	48.26 1.900
50	63.96 2.518	60.96 2.400
60	76.74 3.021	73.66 2.900
64	81.74 3.218	78.74 3.100

90H9

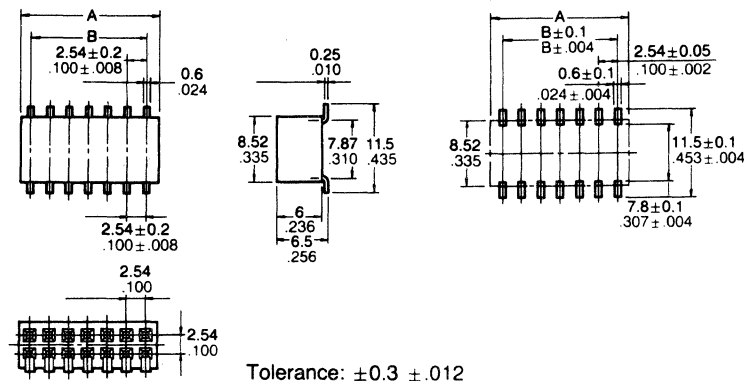
PC board pattern (Bottom view)

mm inch



Tolerance: $\pm 0.3 \pm .012$

PC board pattern (Bottom view)



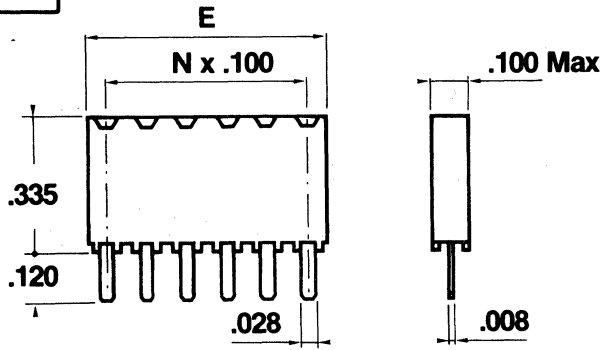
Tolerance: $\pm 0.3 \pm .012$

Dimension table

No. of contacts	A (mm inch)	B (mm inch)
10	13.24 .521	10.16 .400
14	18.28 .720	15.24 .600
16	20.86 .821	17.78 .700
20	25.86 1.018	22.86 .900
26	33.56 1.321	30.48 1.200
30	38.64 1.521	35.56 1.400
34	43.64 1.718	40.64 1.600
40	51.34 2.021	48.26 1.900
50	63.96 2.518	60.96 2.400
60	76.74 3.021	73.66 2.900
64	81.74 3.218	78.74 3.100

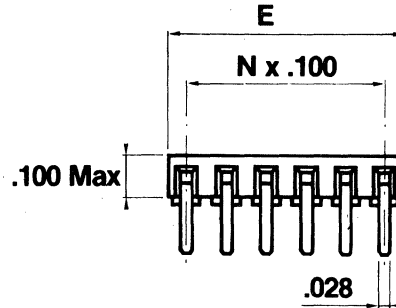
OUTLINE DRAWINGS

91H1

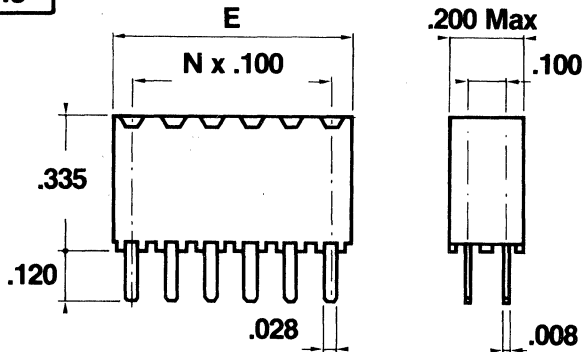


Size E = Number of positions x pitch + .100

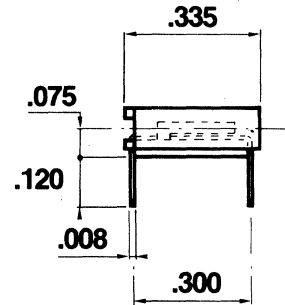
91H2



91H3

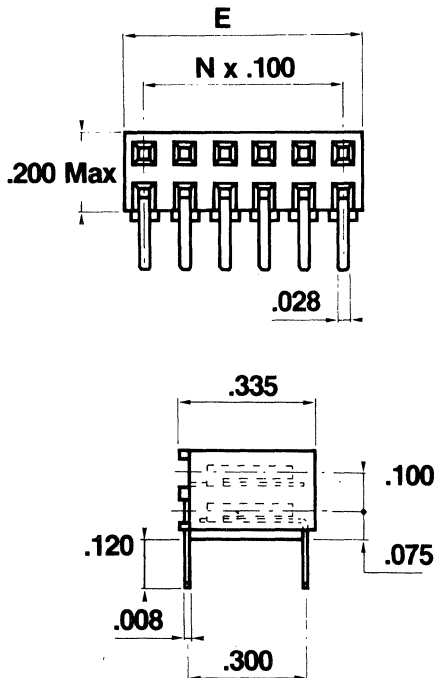


Size E = Number of positions x pitch + .100



Size E = Number of positions x pitch + .100

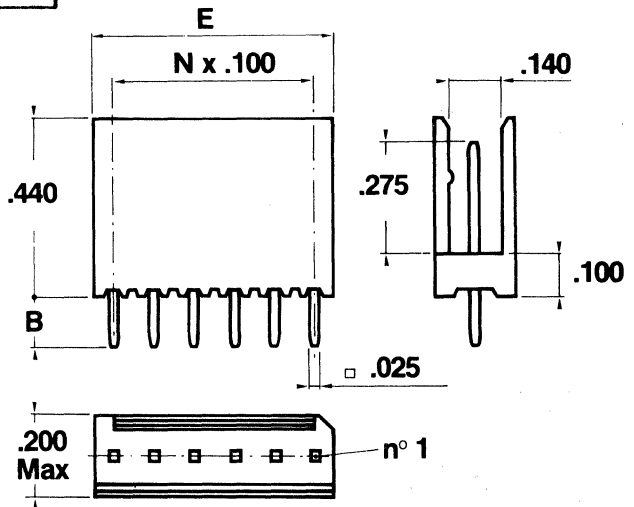
91H4



Size E = Number of positions x pitch + .100

91H5

91H5a



Size E = Number of positions x pitch + .100

TYPE	B
91H5	.120
91H5a	.200

OUTLINE DRAWINGS

91H6
91H6a

TYPE	C
91H6	.120
91H6a	.200

Size E = Number of positions x pitch + .100

91H7

Size E = Number of positions x pitch + .100

91H8

Size E = Number of positions x pitch + .100

93H11

RECOMMENDED HOLE PATTERN
HOLE DIAMETER
 $.040 \pm .003$
 (1.02 ± 0.08)
AFTER PLATING

2.5 LB. MIN. REQ'D. TO PUSH OUT POST IN EITHER DIRECTION

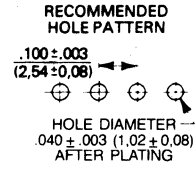
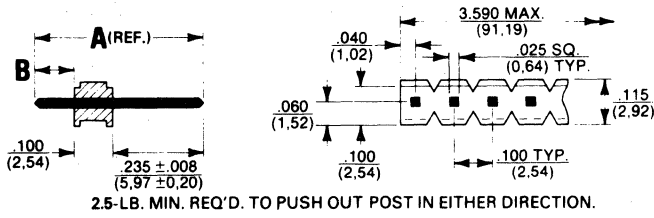
SOLDER TAIL AS SPECIFIED BY PART NO. $+ .015/- .010 (+ 0.38/- 0.25)$

DIM. "Y" = (Number of pins) minus one x .100 (2.54).
DIM. "X" = (Number of pins) x .10 (2.5).

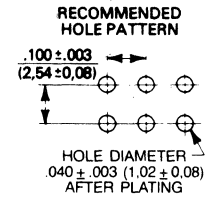
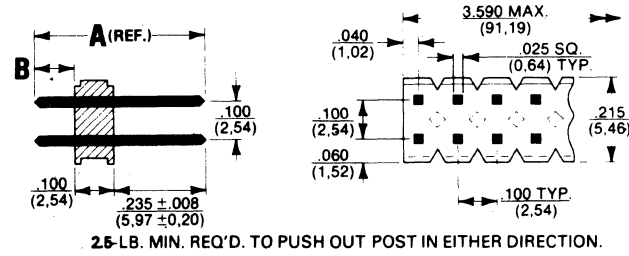
OUTLINE DRAWINGS

93H1

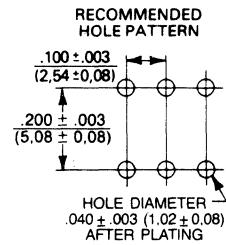
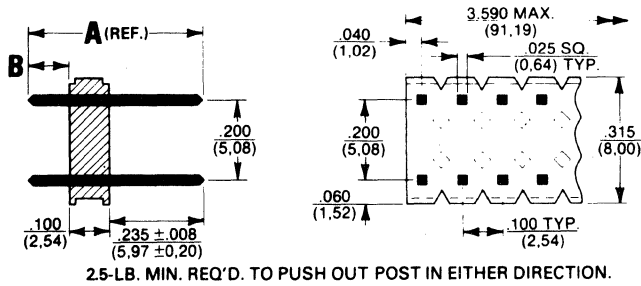
A



B



C



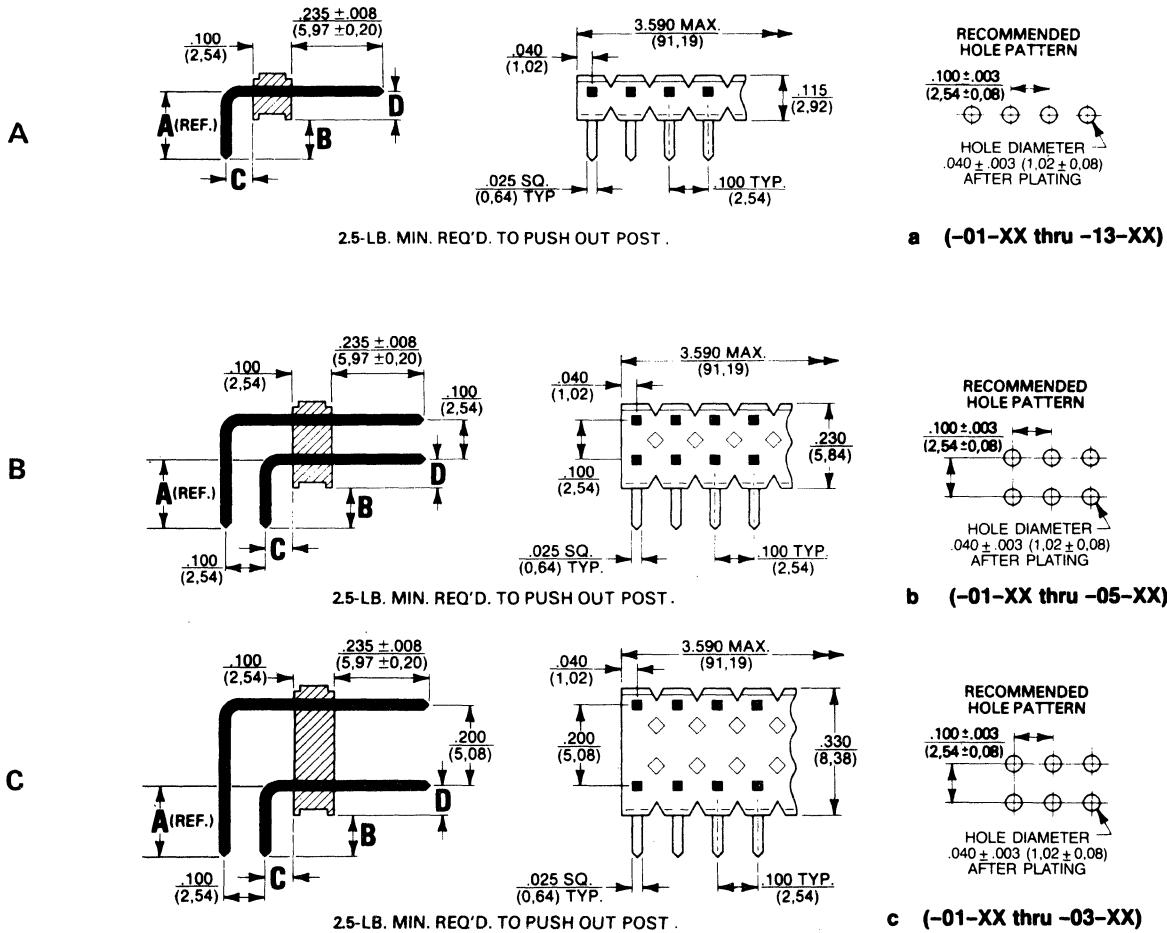
DASH	DIM A	DIM B
-01-XX	.445 (11,30)	.110 (2,79)
-09-XX	.480 (12,19)	.145 (3,68)
-10-XX	.510 (12,95)	.175 (4,45)
-02-XX	.545 (13,84)	.210 (5,33)
-08-XX	.645 (16,38)	.310 (7,87)
-03-XX	.745 (18,92)	.410 (10,41)
-04-XX	.845 (21,46)	.510 (12,95)
-05-XX	.945 (24,00)	.610 (15,49)
-06-XX	1.045 (26,54)	.710 (18,03)
-07-XX	1.245 (31,62)	.910 (23,11)

Tolerances: ±.015 (0,38)

Dimensions in Inches (mm)

OUTLINE DRAWINGS

93H2

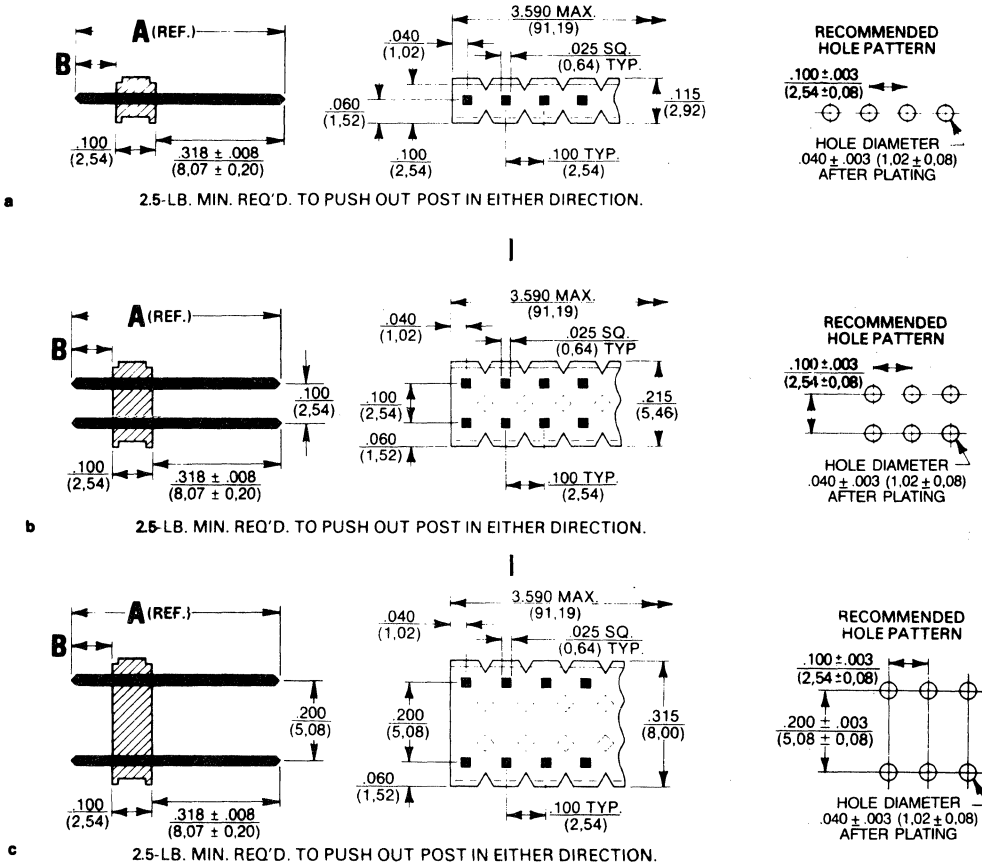


DASH	DIM A	DIM B	DIM C	DIM D
-01-XX	.180 (4,57)	.105 (2,67)	.070 (1,78)	.075 (1,91)
-10-XX	.215 (5,46)	.140 (3,56)	.070 (1,78)	.075 (1,91)
-11-XX	.245 (6,22)	.170 (4,32)	.070 (1,78)	.075 (1,91)
-02-XX	.480 (12,19)	.405 (10,29)	.070 (1,78)	.075 (1,91)
-03-XX	.680 (17,27)	.605 (15,37)	.070 (1,78)	.075 (1,91)
-04-XX	.280 (7,11)	.220 (5,59)	.170 (4,32)	.060 (1,52)
-12-XX	.315 (8,00)	.255 (6,48)	.170 (4,32)	.060 (1,52)
-13-XX	.345 (8,76)	.285 (7,24)	.170 (4,32)	.060 (1,52)
-07-XX	.380 (9,65)	.320 (8,13)	.170 (4,32)	.060 (1,52)
-05-XX	.580 (14,73)	.520 (13,21)	.170 (4,32)	.060 (1,52)
-08-XX	.680 (17,27)	.620 (15,75)	.170 (4,32)	.060 (1,52)
-06-XX	.780 (19,81)	.720 (18,29)	.170 (4,32)	.060 (1,52)
-09-XX	.880 (22,35)	.820 (20,83)	.170 (4,32)	.060 (1,52)
	Tolerances:	± .015 (0,38)	± .010 (0,25)	± .005 (0,13)

Dimensions in Inches (mm)

OUTLINE DRAWINGS

93H5

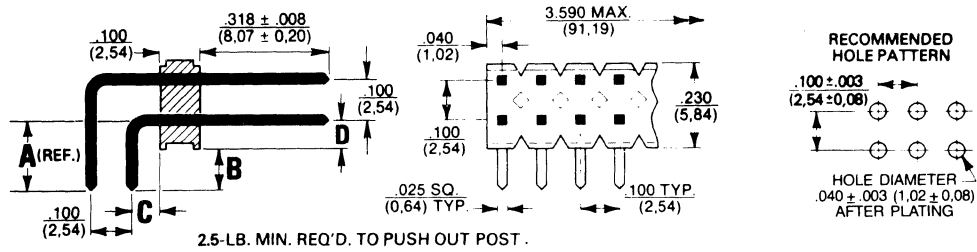


DASH	DIM A (REF)	DIM B
-01-XX	.528 (13,41)	.110 (2,79)
-11-XX	.543 (13,79)	.125 (3,18)
-09-XX	.563 (14,30)	.145 (3,68)
-10-XX	.593 (15,06)	.175 (4,45)
-02-XX	.628 (15,95)	.210 (5,33)
-08-XX	.728 (18,49)	.310 (7,87)
-03-XX	.828 (21,03)	.410 (10,41)
-04-XX	.928 (23,57)	.510 (12,95)
-05-XX	1.028 (26,11)	.610 (15,49)
-06-XX	1.128 (28,65)	.710 (18,03)
	Tolerances:	$\pm .015$ (0,38)

Dimensions in Inches (mm)

OUTLINE DRAWINGS

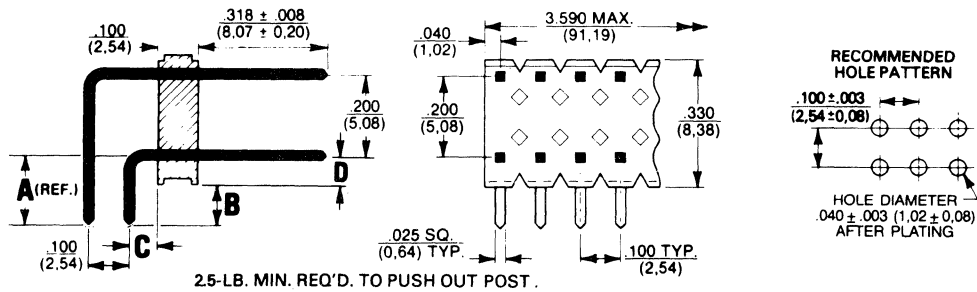
93H7



DASH	DIM A (REF)	DIM B	DIM C	DIM D
-01-XX	.180 (4,57)	.110 (2,79)	.070 (1,78)	.075 (1,91)
-04-XX	.215 (5,46)	.145 (3,68)	.070 (1,78)	.075 (1,91)
-05-XX	.245 (6,22)	.175 (4,45)	.070 (1,78)	.075 (1,91)
-02-XX	.480 (12,19)	.405 (10,29)	.070 (1,78)	.075 (1,91)
	Tolerances:	$\pm .015$ (0,38)	$\pm .010$ (0,25)	$\pm .005$ (0,13)

Dimensions in Inches (mm)

93H8

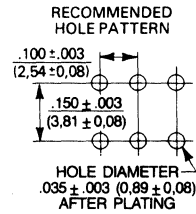
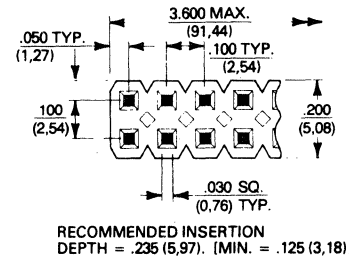
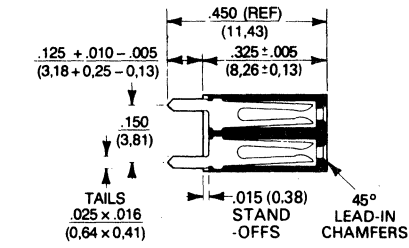
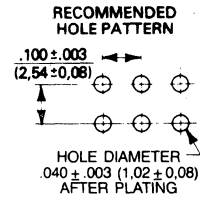
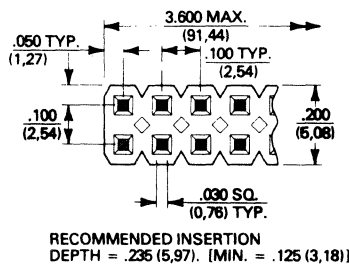
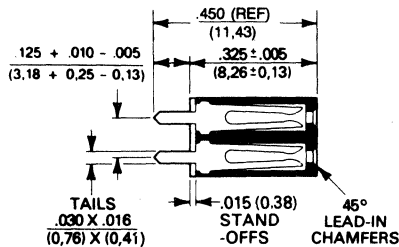
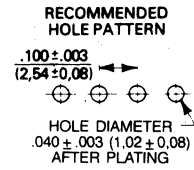
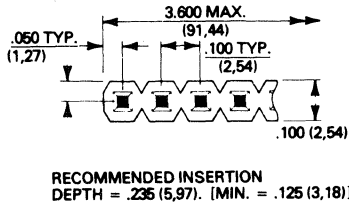
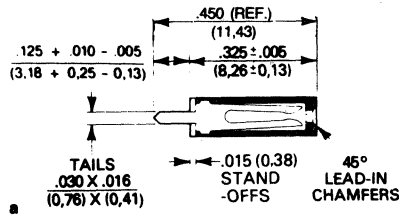


DASH	DIM A (REF)	DIM B	DIM C	DIM D
-01-XX	.180 (4,57)	.110 (2,79)	.070 (1,78)	.075 (1,91)
-02-XX	.480 (12,19)	.405 (10,29)	.070 (1,78)	.075 (1,91)
	Tolerances:	$\pm .015$ (0,38)	$\pm .010$ (0,25)	$\pm .005$ (0,13)

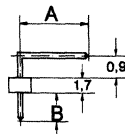
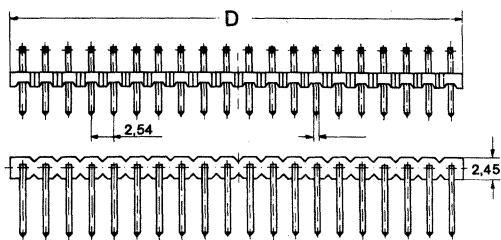
Dimensions in Inches (mm)

OUTLINE DRAWINGS

93H9



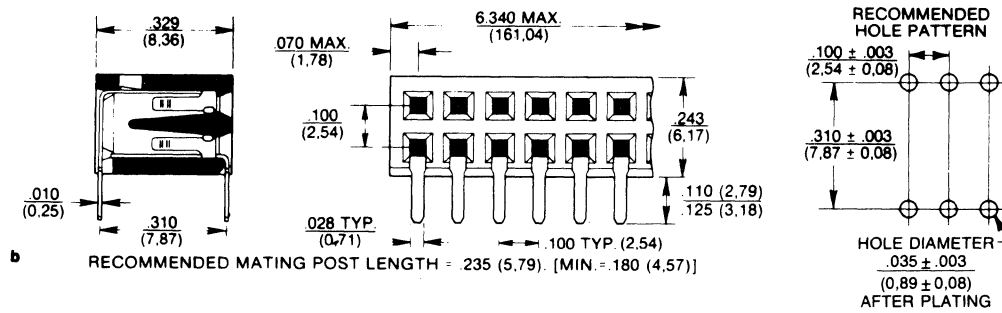
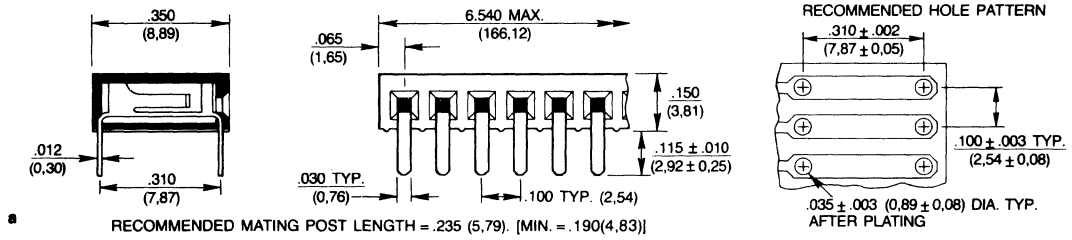
79H17



Polsahl No. of contacts	Abmessungen Dimensions		
	A	B	D
8	5,5	3,1	20,2
20	5,5	3,1	50,5
8	6,8	3,0	20,2
20	6,8	3,0	50,5
8	7,5	3,5	20,2
20	7,5	3,5	50,5
8	7,4	4,5	20,2
20	7,4	4,5	50,5
8	14,5	4,0	20,2
20	14,5	4,0	50,5

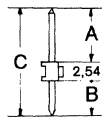
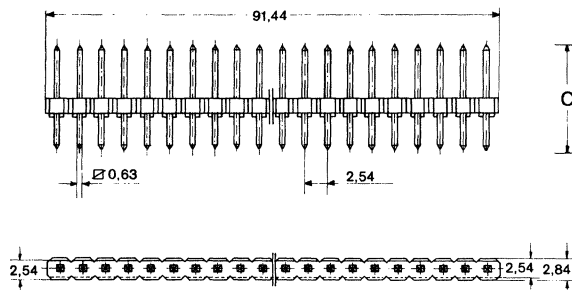
OUTLINE DRAWINGS

93H10



79H14

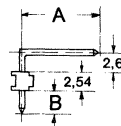
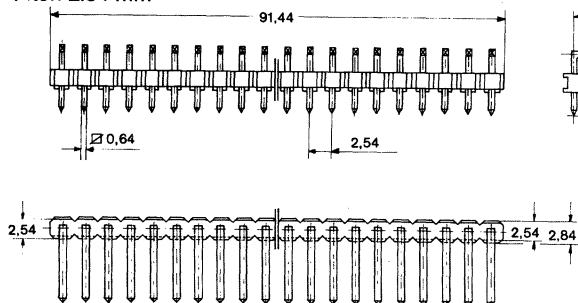
Pitch 2.54 mm



No. of contacts	Dimensions		
	A	B	C
36	4,12	2,54	9,2
36	5,72	2,84	11,2
36	5,84	3,43	11,8
36	5,84	4,02	12,4
36	5,84	5,22	13,6
36	8,51	2,54	13,6
36	5,72	7,62	15,9
36	5,72	12,80	21,1

79H15

Pitch 2.54 mm

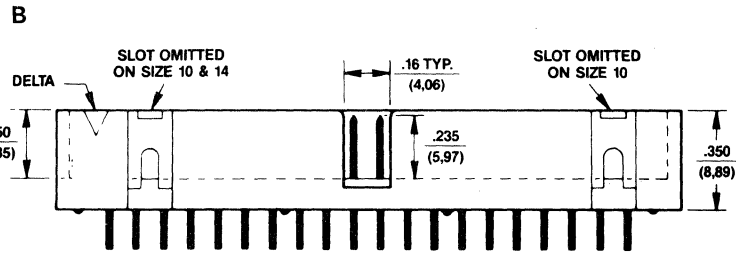
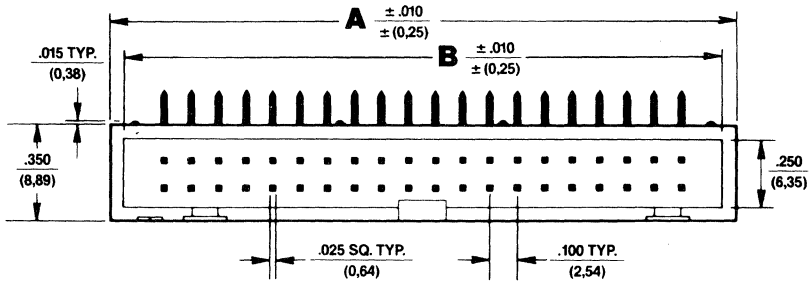
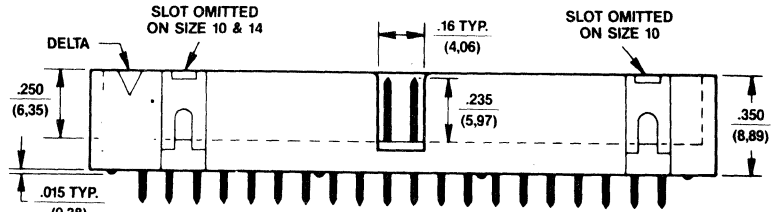
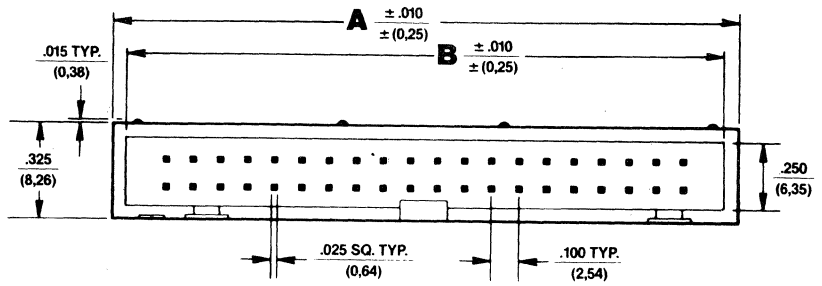
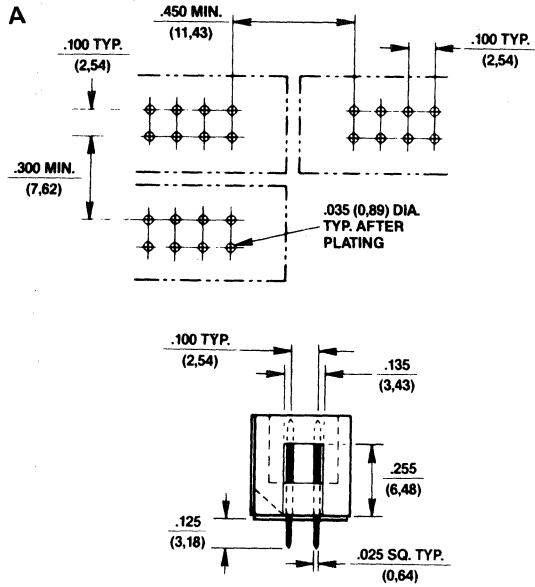


No. of contacts	Dimensions	
	A	B
36	2,57	5,72
36	5,10	5,72
36	10,19	5,72

OUTLINE DRAWINGS

93H17

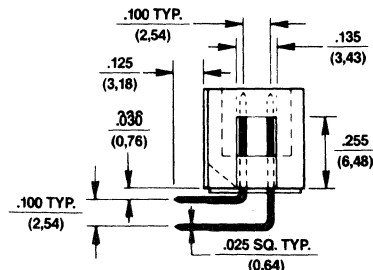
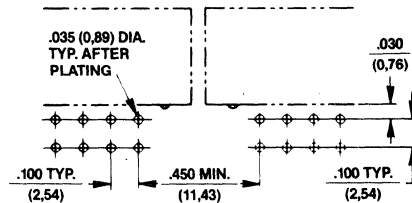
RECOMMENDED PC BOARD HOLE PATTERN



NO. OF CONTACTS	DIM A	DIM B
10	0.800 (20,3)	0.706 (17,9)
14	1.000 (25,4)	0.906 (23,0)
16	1.100 (27,9)	1.006 (25,6)
20	1.300 (33,0)	1.206 (30,6)
26	1.600 (40,6)	1.506 (38,3)
34	2.000 (50,8)	1.906 (48,4)
40	2.300 (58,4)	2.206 (56,0)
50	2.800 (71,1)	2.706 (68,7)
60	3.300 (83,8)	3.206 (81,4)
64	3.500 (88,9)	3.406 (86,5)

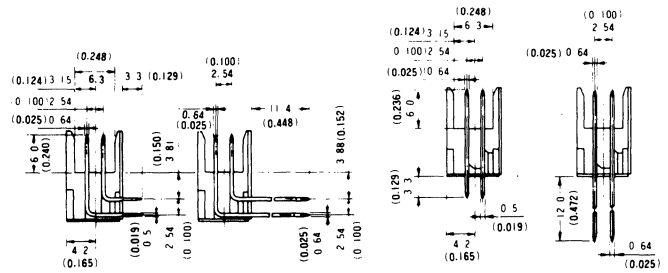
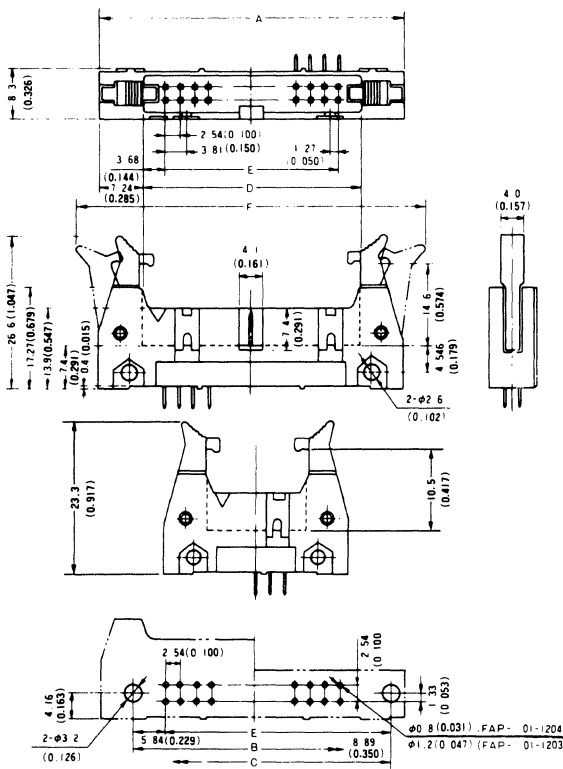
Dimensions in Inches (mm)

RECOMMENDED PC BOARD HOLE PATTERN



OUTLINE DRAWINGS

97H1

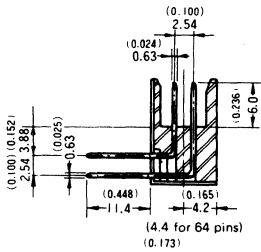


PARTS NO.	POS	A	B	C	D	E	F
FAP-1001-2200	10	32.00 (1.259)	21.84 (0.859)	27.94 (1.100)	17.52 (0.689)	10.16 (0.400)	44.0 (1.732)
FAP-1601-1200	16	39.62 (1.559)	29.46 (1.159)	35.56 (1.400)	25.14 (0.989)	17.78 (0.700)	51.5 (2.027)
FAP-2001-1200	20	44.70 (1.759)	34.54 (1.359)	40.64 (1.600)	30.22 (1.189)	22.86 (0.900)	56.5 (2.224)
FAP-2601-1200	26	52.32 (2.059)	42.16 (1.659)	48.26 (1.900)	37.84 (1.489)	30.48 (1.200)	63.5 (2.500)
FAP-3001-1200	30	57.40 (2.259)	47.24 (1.859)	53.34 (2.100)	42.92 (1.689)	35.56 (1.400)	68.6 (2.700)
FAP-3401-1200	34	62.48 (2.459)	52.32 (2.059)	58.42 (2.300)	48.00 (1.889)	40.64 (1.600)	73.5 (2.893)
FAP-4001-1200	40	70.10 (2.759)	59.94 (2.359)	66.04 (2.600)	55.62 (2.189)	48.26 (1.900)	82.0 (3.228)
FAP-5001-1200	50	82.80 (3.259)	72.64 (2.859)	78.74 (3.100)	68.32 (2.689)	60.96 (2.400)	93.8 (3.692)
FAP-6001-1200	60	95.50 (3.759)	85.34 (3.359)	91.44 (3.600)	81.02 (3.189)	73.66 (2.900)	106.5 (4.192)
FAP-6401-1200	64	100.58 (3.959)	90.42 (3.559)	96.52 (3.800)	86.10 (3.389)	78.74 (3.100)	112.0 (4.409)

OUTLINE DRAWINGS

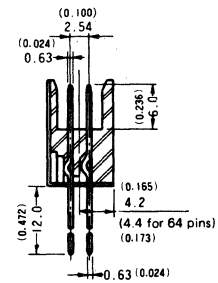
97H2

RIGHT ANGLE(90°)

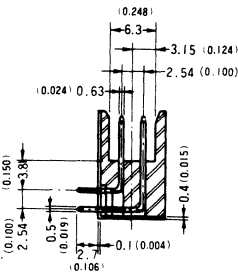
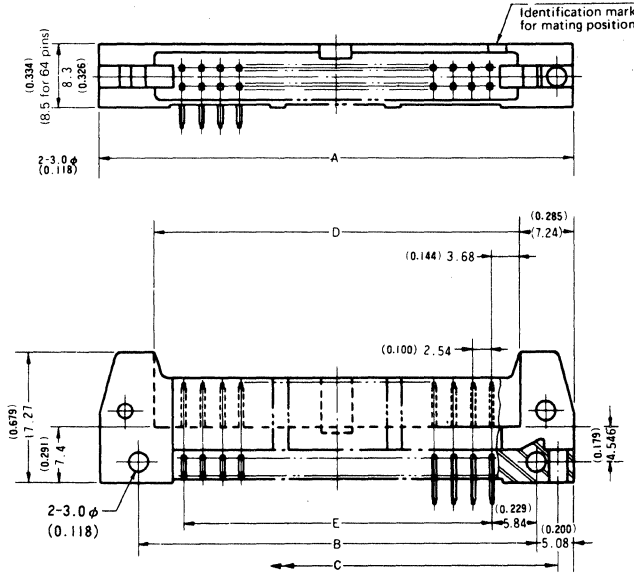


(WIRE WRAPPING TYPE)

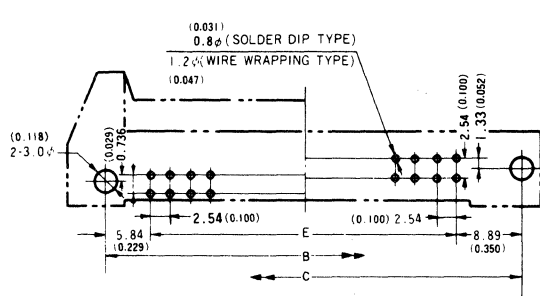
STRAIGHT(180°)



(WIRE WRAPPING TYPE)



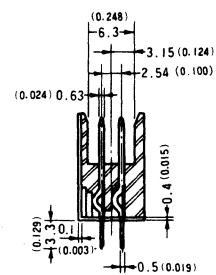
(SOLDER DIP TYPE)



RIGHT ANGLE(90°)

STRAIGHT(180°)

P.C. BOARD HOLE SIZE



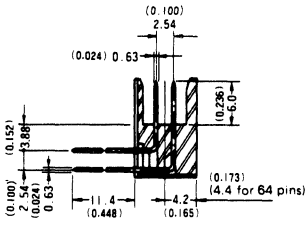
(SOLDER DIP TYPE)

POS	A	B	C	D	E
10	32.00 (1.259)	21.84 (0.859)	27.94 (1.100)	17.52 (0.689)	10.16 (0.400)
16	39.62 (1.559)	29.46 (1.159)	35.56 (1.400)	25.14 (0.989)	17.78 (0.700)
20	44.70 (1.759)	34.54 (1.359)	40.64 (1.600)	30.22 (1.189)	22.86 (0.900)
26	52.32 (2.059)	42.16 (1.659)	48.26 (1.900)	37.84 (1.489)	30.48 (1.200)
30	57.40 (2.259)	47.24 (1.859)	53.34 (2.100)	42.92 (1.689)	35.56 (1.400)
34	62.48 (2.459)	52.32 (2.059)	58.42 (2.300)	48.00 (1.889)	40.64 (1.600)
40	70.10 (2.759)	59.94 (2.359)	66.04 (2.600)	55.62 (2.189)	48.26 (1.900)
50	82.80 (3.259)	72.64 (2.859)	78.74 (3.100)	68.32 (2.689)	60.96 (2.600)
60	95.50 (3.759)	85.34 (3.359)	91.44 (3.600)	81.02 (3.189)	73.66 (2.900)
64	100.58 (3.959)	90.42 (3.559)	96.52 (3.800)	86.10 (3.389)	78.74 (3.100)

OUTLINE DRAWINGS

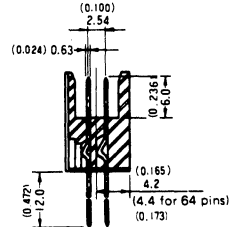
97H3

RIGHT ANGLE(90°)

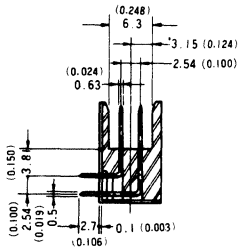
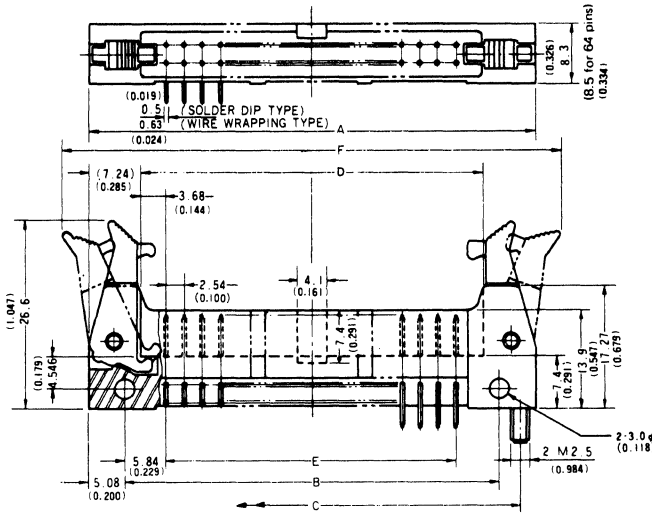


(WIRE WRAPPING TYPE)

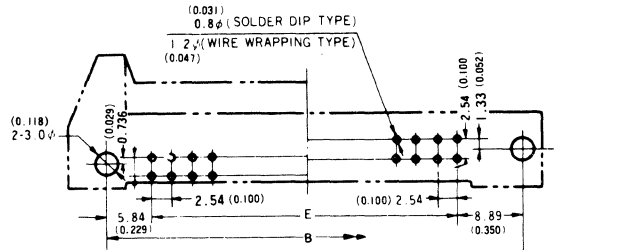
STRAIGHT(180°)



(WIRE WRAPPING TYPE)

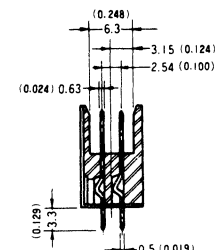


(SOLDER DIP TYPE)



RIGHT ANGLE(90°)

STRAIGHT(180°)



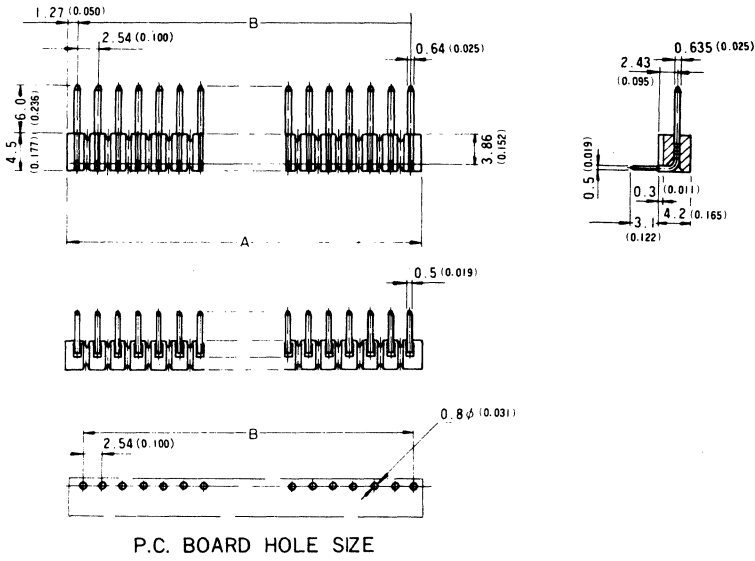
(SOLDER DIP TYPE)

P.C. BOARD HOLE SIZE

POS	A	B	C	D	E	F
10	32.00 (1.259)	21.84 (0.859)	27.94 (1.100)	17.52 (0.689)	10.16 (0.400)	44.0 (1.732)
16	39.82 (1.559)	29.46 (1.159)	35.56 (1.400)	25.14 (0.989)	17.78 (0.700)	51.5 (2.027)
20	44.70 (1.759)	34.54 (1.359)	40.64 (1.600)	30.22 (1.189)	22.86 (0.900)	56.5 (2.224)
26	52.32 (2.059)	42.16 (1.659)	48.26 (1.900)	37.84 (1.489)	30.48 (1.200)	63.5 (2.500)
30	57.40 (2.259)	47.24 (1.859)	53.44 (2.103)	42.92 (1.689)	35.56 (1.400)	68.6 (2.700)
34	62.48 (2.459)	52.32 (2.059)	58.42 (2.300)	48.00 (1.889)	40.64 (1.600)	73.5 (2.893)
40	70.10 (2.759)	59.94 (2.359)	66.04 (2.600)	55.62 (2.189)	48.26 (1.900)	82.0 (3.228)
50	82.80 (3.259)	72.64 (2.859)	78.74 (3.100)	68.32 (2.689)	60.36 (2.400)	93.8 (3.692)
60	95.50 (3.759)	85.34 (3.359)	91.44 (3.600)	81.02 (3.189)	73.66 (2.900)	106.5 (4.192)
64	100.58 (3.959)	90.42 (3.559)	96.52 (3.800)	86.10 (3.389)	78.74 (3.100)	112.0 (4.409)

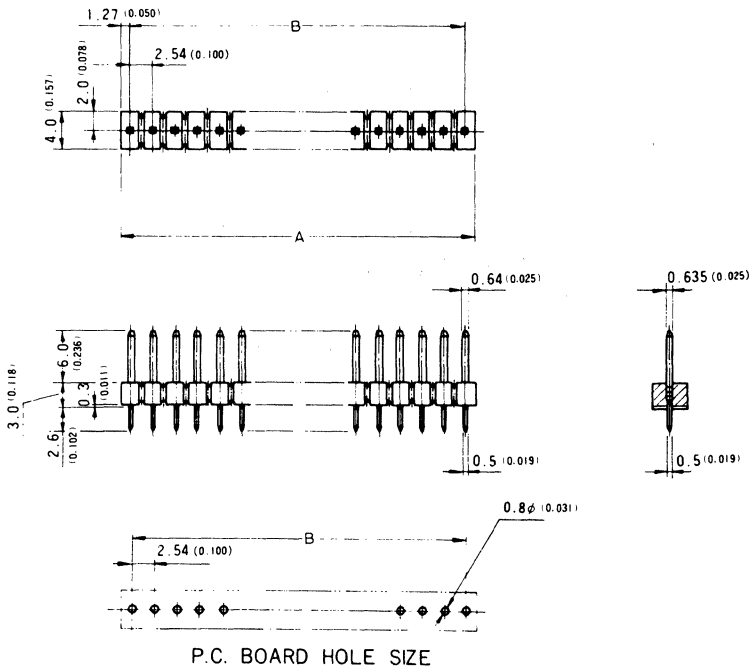
OUTLINE DRAWINGS

97H5



$A = n \times .100$ $B = (n-1) \times .100$ $n = \text{Number of Contacts (1 Thru 40)}$

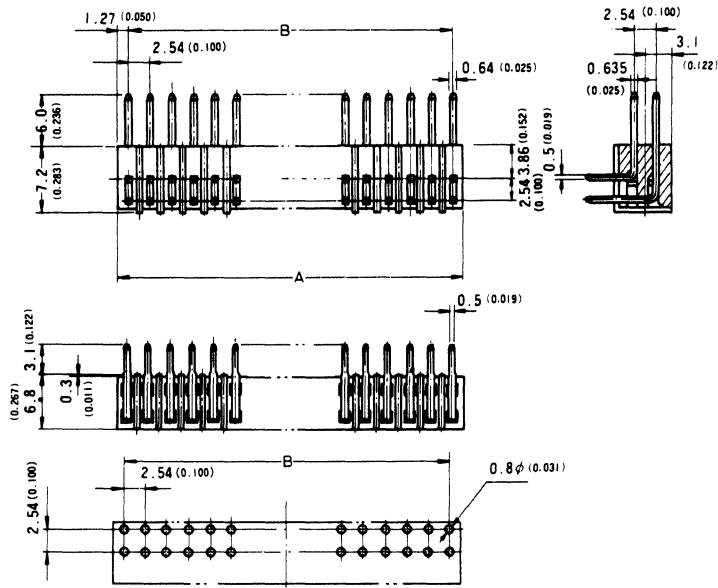
97H6



$A = n \times .100$ $B = (n-1) \times .100$ $n = \text{Number of Contacts (1 Thru 40)}$

OUTLINE DRAWINGS

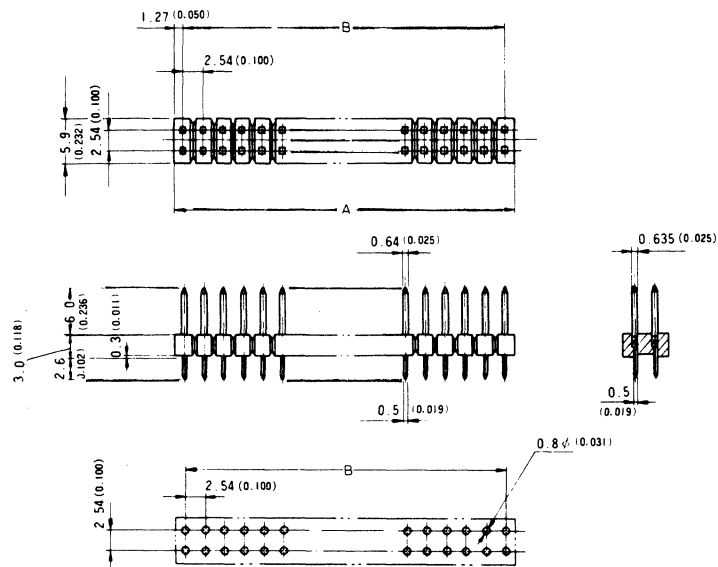
97H7



P.C. BOARD HOLE SIZE

A = n x .100 B = (n-1) x .100
 n = Number of Contacts in One Row (1 Thru 40)

97H8

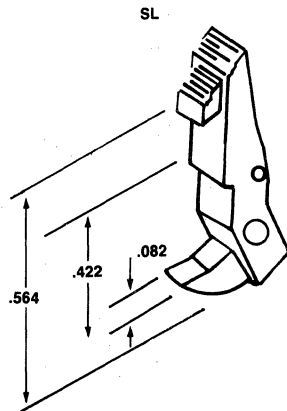
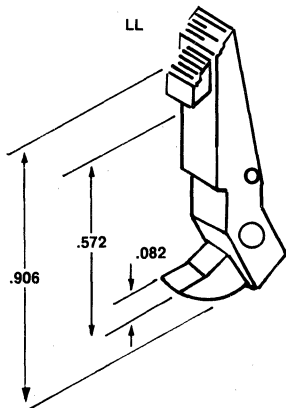
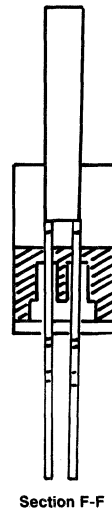
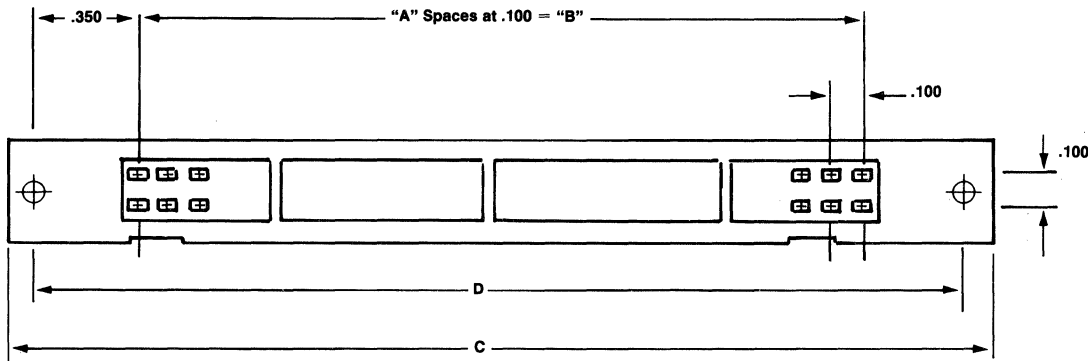
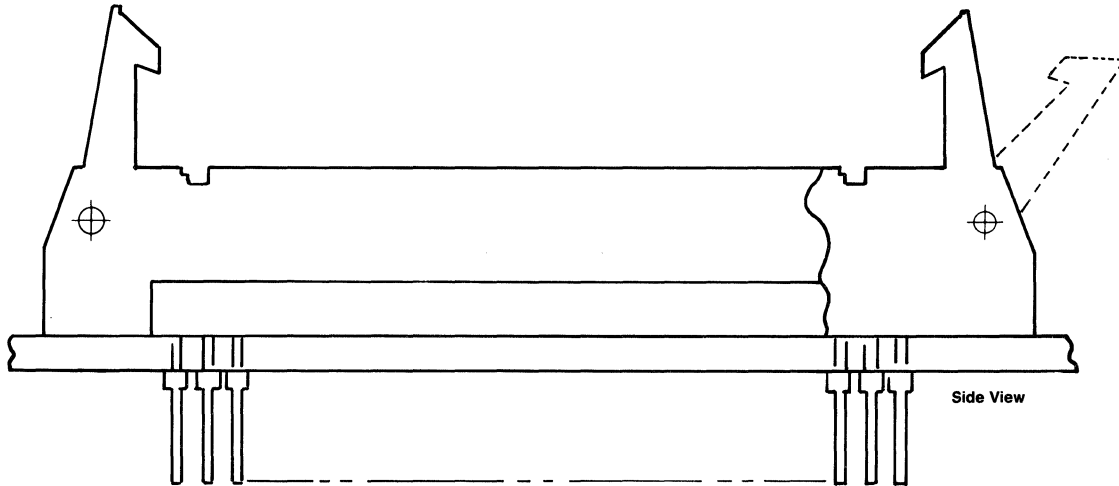
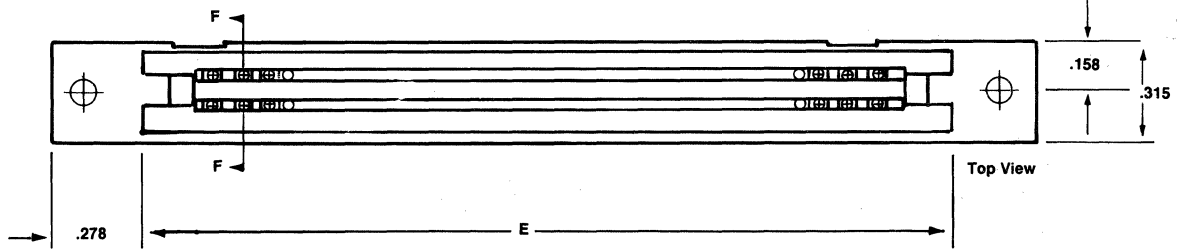


P.C. BOARD HOLE SIZE

A = n x .100 B = (n-1) x .100
 n = Number of Contacts in One Row (1 Thru 40)

OUTLINE DRAWINGS

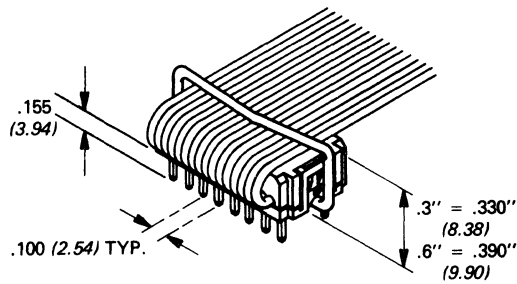
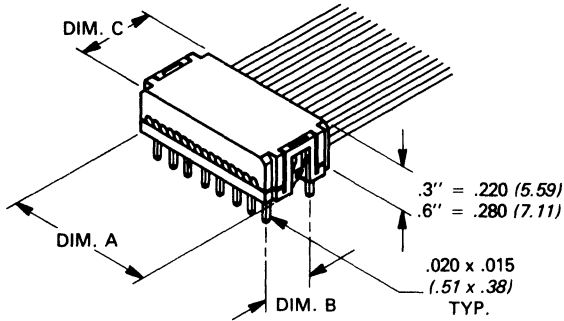
103H1



NO. PINS	A	B	C	D	E
10	4	.400	1.280	1.098	.704
16	7	.700	1.560	1.398	1.004
20	9	.900	1.760	1.598	1.204
26	12	1.200	2.060	1.898	1.504
34	16	1.600	2.460	2.298	1.904
40	19	1.900	2.760	2.598	2.204
50	24	2.400	3.260	3.098	2.704

OUTLINE DRAWINGS

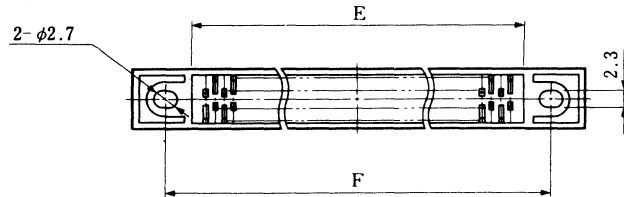
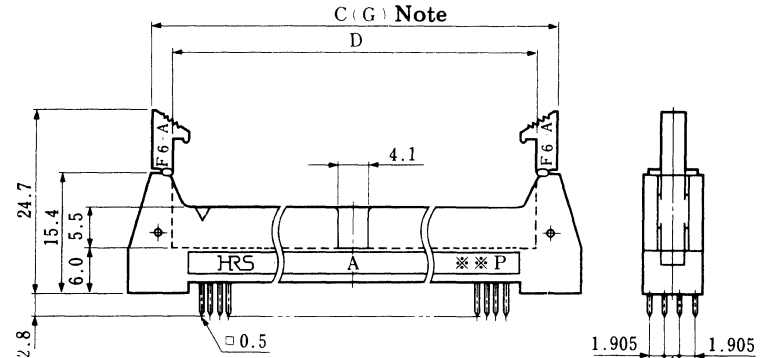
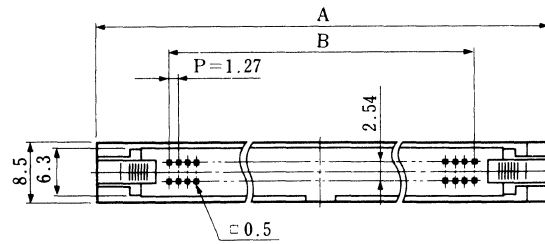
107H2



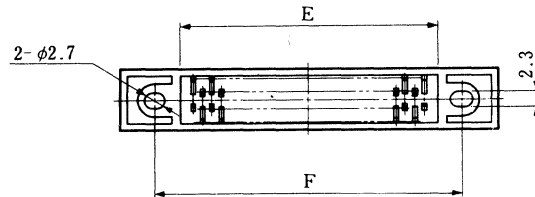
Tabulations			
No. of Contacts	Dim. A Inches (mm)	Dim. B Inches (mm)	Dim. C Inches (mm)
14	.780 (19.81)	.300 (7.62)	.420 (10.67)
16	.880 (22.35)	.300 (7.62)	.420 (10.67)
24	1.280 (32.51)	.600 (15.24)	.720 (18.29)
40	2.080 (52.83)	.600 (15.24)	.720 (18.29)

120H1

(in mm)



(20,32,40,52,60,68,80)



(26,34,50)

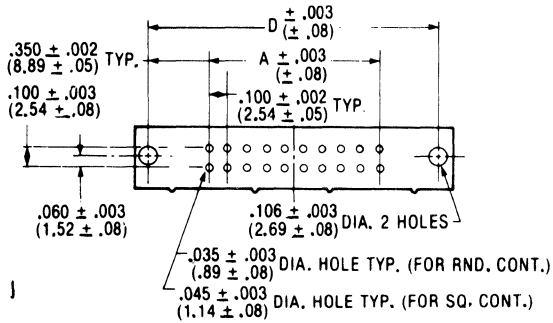
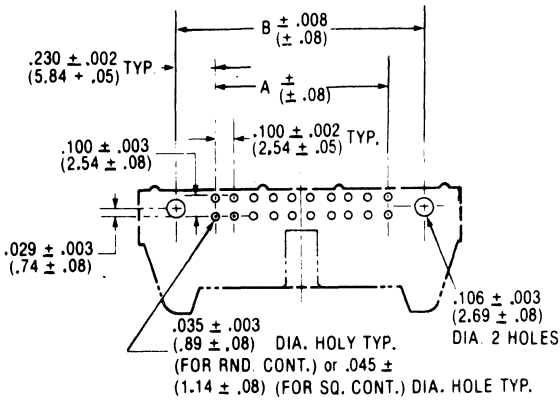
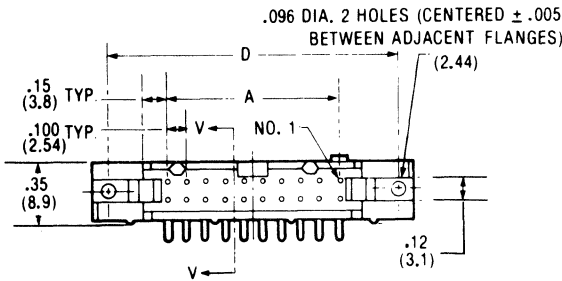
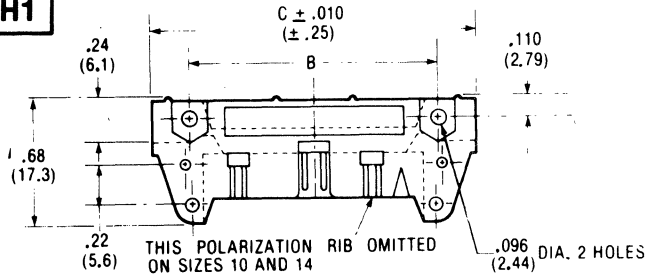
Note: G dimension is with latch open.

(DIMENSIONS IN mm)

POSITIONS	A	B	C	D	E	F	G
20	30.95	11.43	24.55	18.75	14.95	21.59	43.55
26	34.76	15.24	28.36	22.56	18.76	25.40	47.36
32	38.57	19.05	32.17	26.37	22.57	29.21	51.17
34	39.84	20.32	33.44	27.64	23.84	30.48	52.44
40	43.65	24.13	37.25	31.45	27.65	34.29	56.25
50	50.00	30.48	43.60	37.80	34.00	40.64	62.60
52	51.27	31.75	44.87	39.07	35.27	41.91	63.87
60	56.35	36.83	49.95	44.15	40.35	46.99	68.95
68	61.43	41.91	55.03	49.23	45.43	52.07	74.03
80	69.05	49.53	62.65	56.85	53.05	59.69	81.65
100	81.75	62.23	75.35	69.55	65.75	72.39	94.35

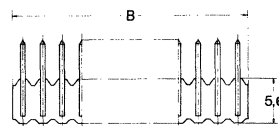
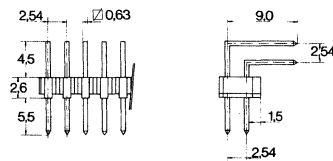
OUTLINE DRAWINGS

116H1



Total Contacts	A	B	C	D
10	.400 (10.16)	.860 (21.84)	1.260 (32.00)	1.100 (27.94)
14	.600 (15.24)	1.060 (26.92)	1.460 (37.08)	1.300 (33.02)
16	.700 (17.78)	1.160 (29.46)	1.560 (39.62)	1.400 (35.56)
20	.900 (22.86)	1.360 (34.54)	1.760 (44.70)	1.600 (40.64)
26	1.200 (30.48)	1.660 (42.16)	2.060 (52.32)	1.900 (48.26)
34	1.600 (40.64)	2.360 (59.44)	2.460 (62.48)	2.300 (58.42)
40	1.900 (48.26)	2.360 (59.44)	2.760 (70.10)	2.600 (66.04)
50	2.400 (60.96)	2.860 (72.64)	3.260 (82.80)	3.100 (78.74)
60	2.900 (73.66)	3.360 (85.34)	3.760 (95.50)	3.600 (91.44)

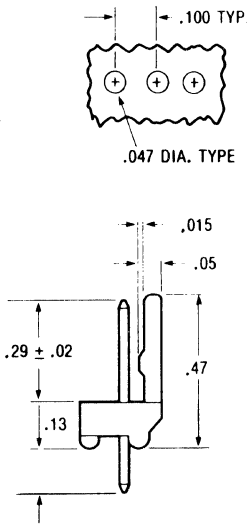
79H19



No. of contacts	Dimension B
2x2	5,08
2x2	5,08
2x4	10,16
2x4	10,16
2x5	12,70
2x5	12,70
2x7	17,78
2x7	17,78
2x8	20,32
2x8	20,32
2x10	25,40
2x10	25,40
2x12	30,48
2x12	30,48
2x13	33,02
2x13	33,02
2x17	43,18
2x17	43,18
2x20	50,80
2x20	50,80
2x25	63,50
2x25	63,50
2x30	76,20
2x30	76,20
2x32	81,26
2x32	81,26
2x34	86,36
2x34	86,36

OUTLINE DRAWINGS

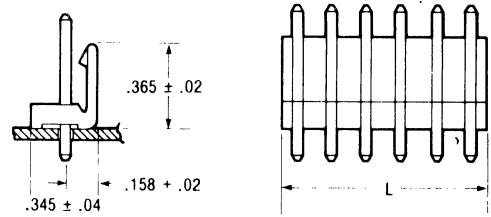
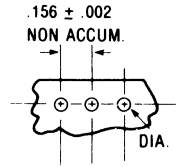
116H2



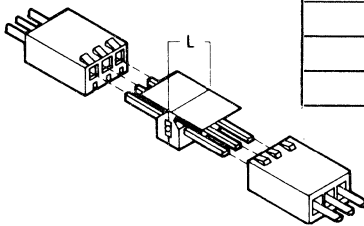
Contact Positions	Dim "L"
4	0.608
6	0.920
8	1.232
10	1.544

116H3

Contact Positions	Dim "L"
2	.296
4	.608
6	.920
8	1.232
10	1.544

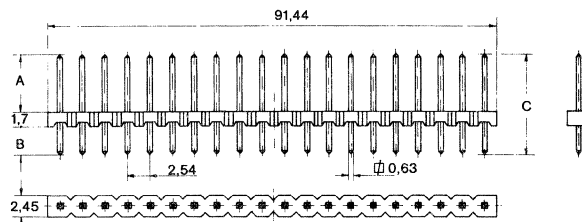


116H4



Contact Positions	Dim "L"
2	.306
4	.618
6	.930
10	1.564

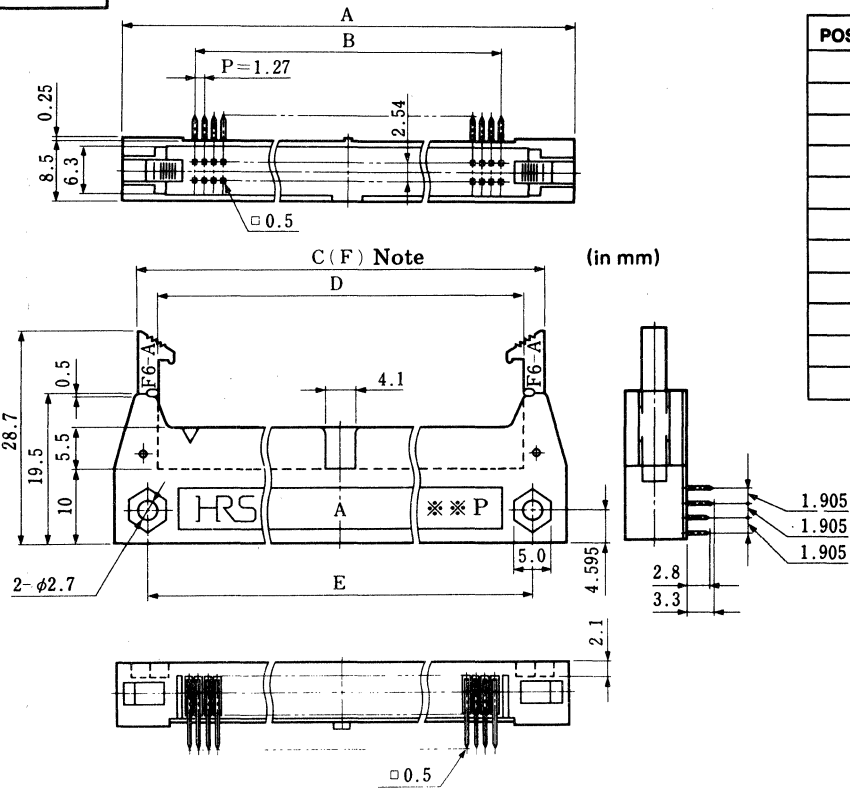
79H13



No. of contacts	Dimensions		C
	A	B	
36	4,12	2,54	9,2
36	5,72	2,94	11,2
36	5,84	3,43	11,8
36	5,84	4,02	12,4
36	5,84	5,22	13,6
36	8,51	2,54	13,6
36	5,72	7,62	15,9
36	5,72	12,80	21,1
36	4,12	2,54	9,2
36	5,72	2,94	11,2
36	5,84	3,43	11,8
36	5,84	4,02	12,4
36	5,84	5,22	13,6
36	8,51	2,54	13,6
36	5,72	7,62	15,9
36	5,72	12,80	21,1

OUTLINE DRAWINGS

120H2



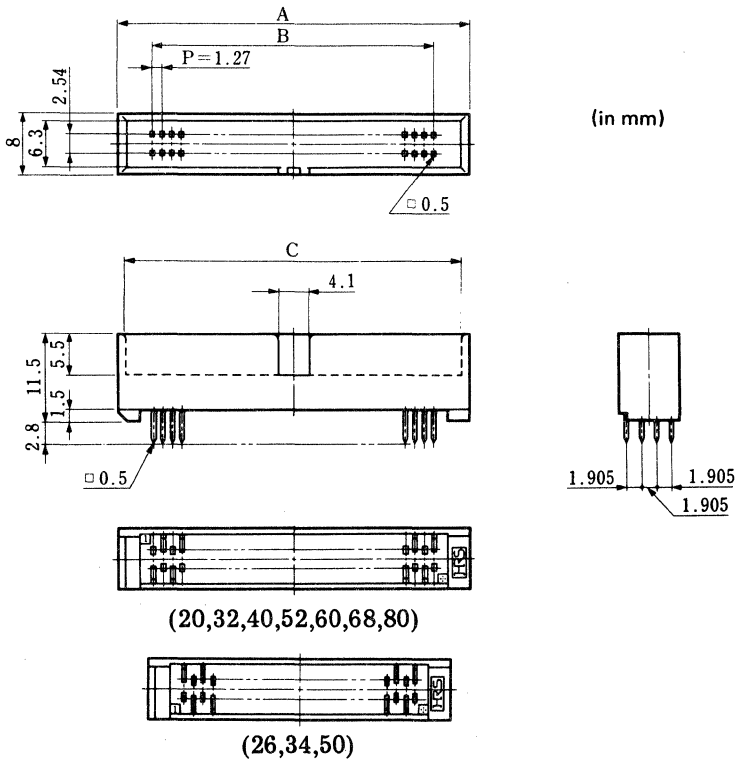
POSITIONS	A	B	C	D	E	F
20	30.95	11.43	24.55	18.75	21.59	43.55
26	34.76	15.24	28.36	22.56	25.40	47.36
32	38.57	19.05	32.17	26.37	29.21	51.17
34	39.84	20.32	33.44	27.64	30.48	52.44
40	43.65	24.13	37.25	31.45	34.29	56.25
50	50.00	30.48	43.60	37.80	40.64	62.60
52	51.27	31.75	44.87	39.07	41.91	63.87
60	56.35	36.83	49.95	44.15	46.99	68.95
68	61.43	41.91	55.03	49.23	52.07	74.03
80	69.05	49.53	62.65	56.85	59.69	81.65
100	81.75	62.23	75.35	69.55	72.39	94.35

(DIMENSIONS IN mm)

Note: F dimension is with latch open.

Mating side

120H3



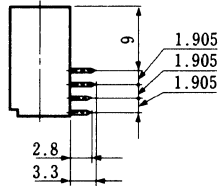
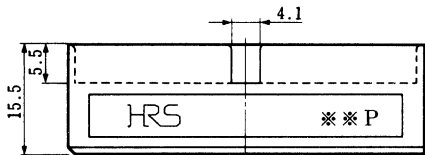
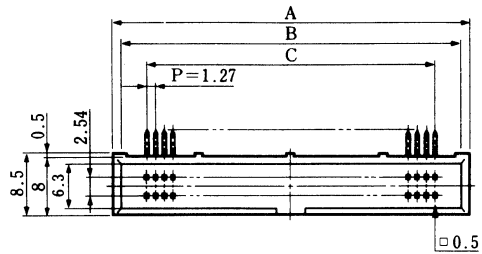
(DIMENSIONS IN mm)

POSITIONS	A	B	C
20	20.95	11.43	18.75
26	24.76	15.24	22.56
32	28.57	19.05	26.37
34	29.84	20.32	27.64
40	33.65	24.13	31.45
50	40.00	30.48	37.80
52	41.27	31.75	39.07
60	46.35	36.83	44.15
68	51.43	41.91	49.23
80	59.05	49.53	56.85

OUTLINE DRAWINGS

120H4

(in mm)

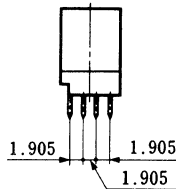
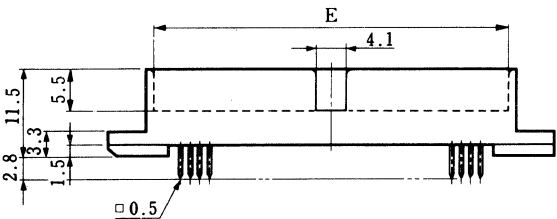
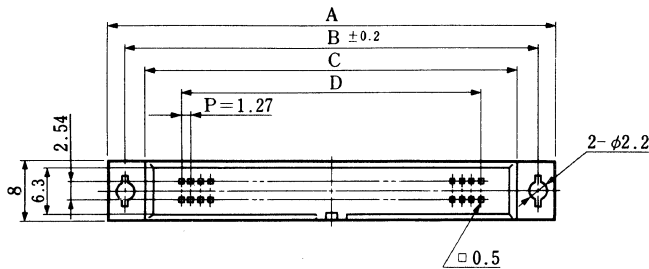


(DIMENSIONS IN mm)

POSITIONS	A	B	C
20	20.95	18.75	11.43
26	24.76	22.56	15.24
32	28.57	26.37	19.05
34	29.84	27.64	20.32
40	33.65	31.45	24.13
50	40.00	37.80	30.48
52	41.27	39.07	31.75
60	46.35	44.15	36.83
68	51.43	49.23	41.91
80	59.05	56.85	49.53

120H5

(in mm)



(20,32,40,52,60,68,80)



(26,34,50)

(DIMENSIONS IN mm)

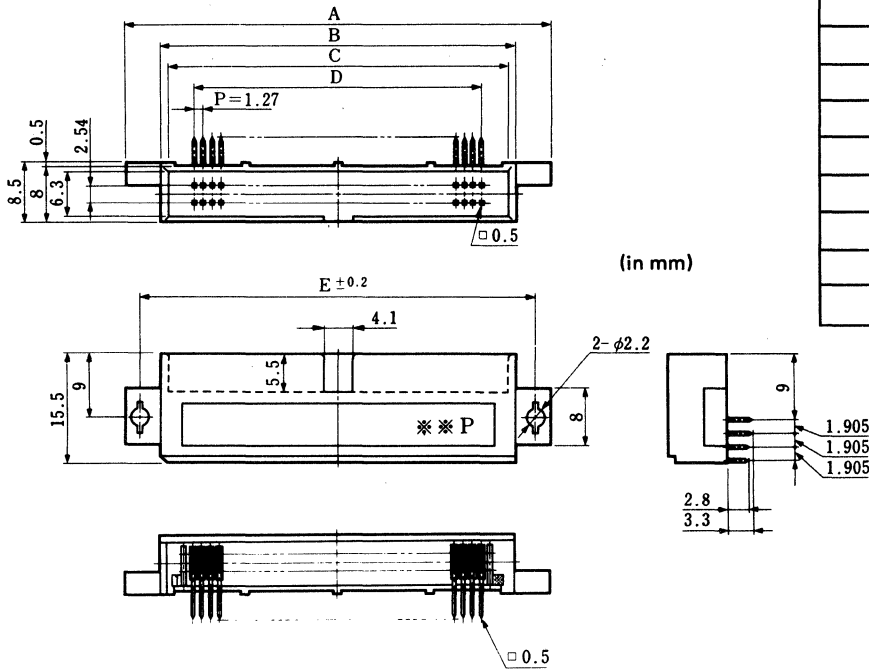
POSITIONS	A	B	C	D	E
20	30.95	26.67	20.95	11.43	18.75
26	34.76	30.48	24.76	15.24	22.56
32	38.57	34.29	28.57	19.05	26.37
34	39.84	35.56	29.84	20.32	27.64
40	43.65	39.37	33.65	24.13	31.45
50	50.00	45.72	40.00	30.48	37.80
52	51.27	46.99	41.27	31.75	39.07
60	56.35	52.07	46.35	36.83	44.15
68	61.43	57.15	51.43	41.91	49.23
80	69.05	64.77	59.05	49.53	56.85

OUTLINE DRAWINGS

120H6

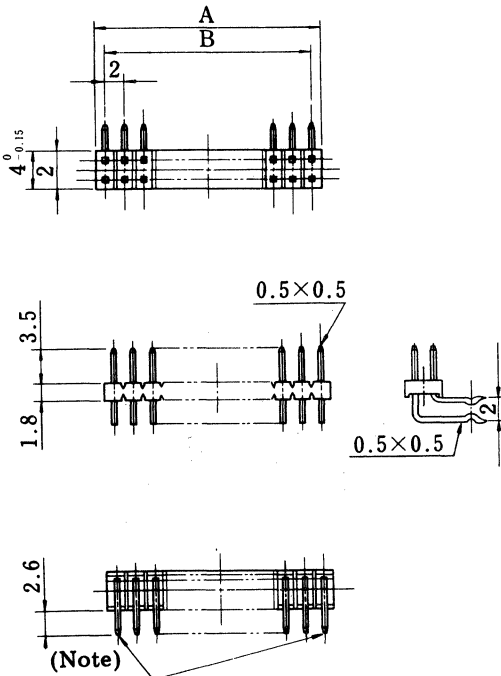
(DIMENSIONS IN mm)

POSITIONS	A	B	C	D	E
20	30.95	20.95	18.75	11.43	26.67
26	34.76	24.76	22.56	15.24	30.48
32	38.57	28.57	26.37	19.05	34.29
34	39.84	29.84	27.64	20.32	35.56
40	43.65	33.65	31.45	24.13	39.37
50	50.00	40.00	37.80	30.48	45.72
52	51.27	41.27	39.07	31.75	46.99
60	56.35	46.35	44.15	36.83	52.07
68	61.43	51.43	49.23	41.91	57.15
80	69.05	59.05	56.85	49.53	64.77



120H7

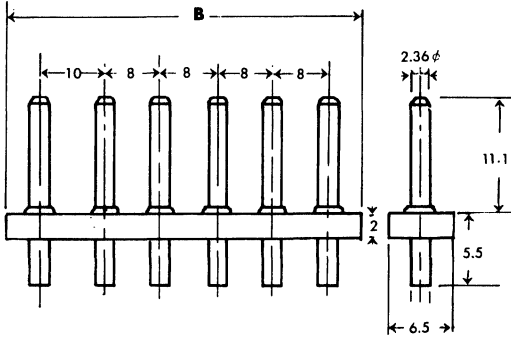
POSITIONS	A	B
4	4	2
6	6	4
8	8	6
10	10	8
12	12	10
14	14	12
16	16	14
18	18	16
20	20	18
22	22	20
24	24	22
26	26	24
28	28	26
30	30	28
32	32	30



Note: 4 outside contacts chamfered to facilitate PCB installation.

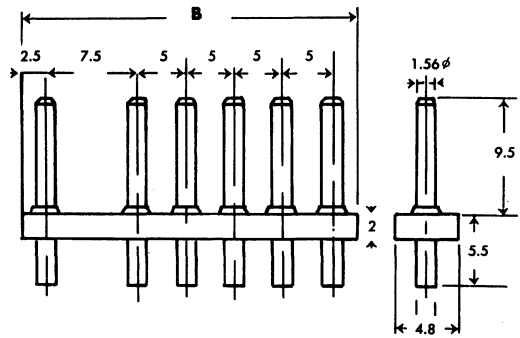
OUTLINE DRAWINGS

113H2



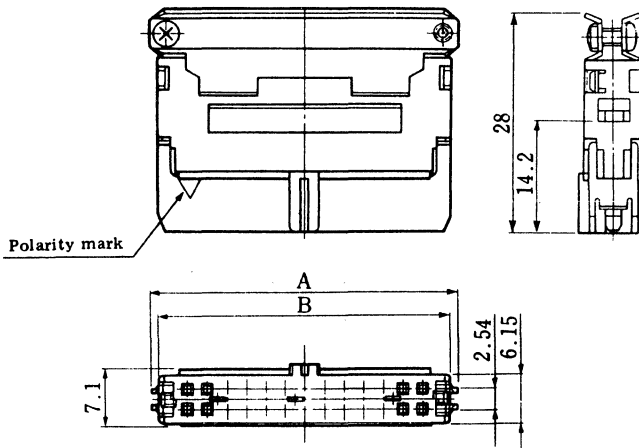
Pole	Dimension (mm)	
	A ± 0.1	B ± 0.3
1		6.5
2	10.0	18.0
3	18.0	26.0
4	26.0	34.0
5	34.0	42.0
6	42.0	50.0

113H1



Pole	Dimension (mm)		Material
	A ± 0.1	B ± 0.3	
1		5.0	Pin:
2	7.50	12.5	Brass, Tin-Plated
3	12.50	17.5	Base: Nylon 66 UL94Vo
4	17.50	22.5	
5	22.50	27.5	Natural Color
6	27.50	32.5	

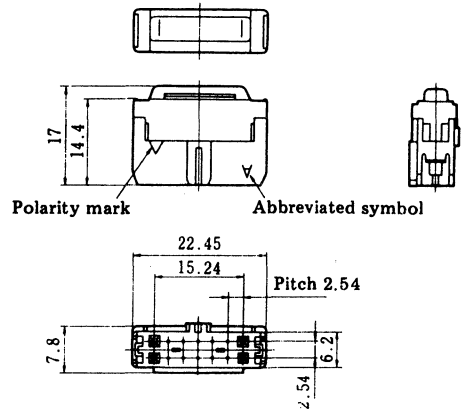
120H9



(unit: mm)

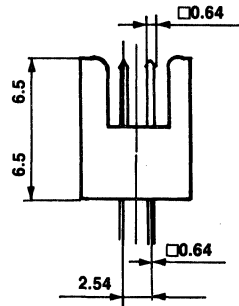
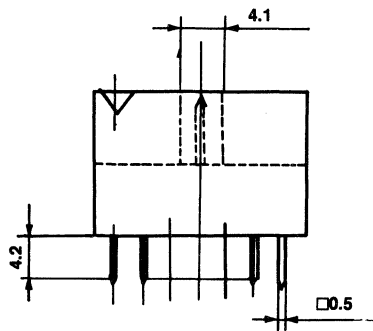
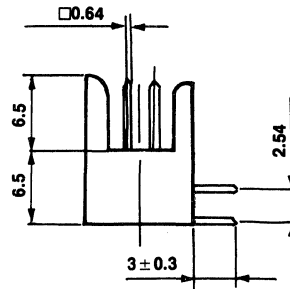
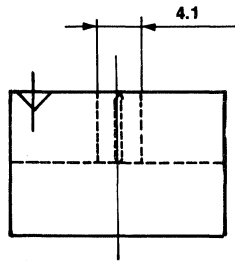
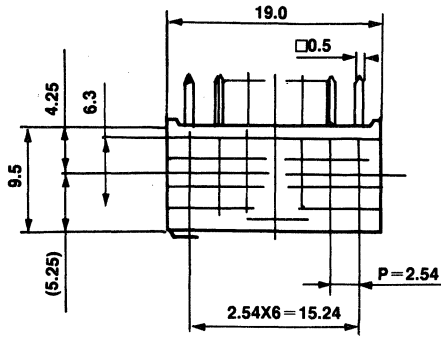
No. of Pin	A	B
10	19.3	17.3
20	32.0	30.0
26	39.6	37.6
40	57.4	55.4

120H10



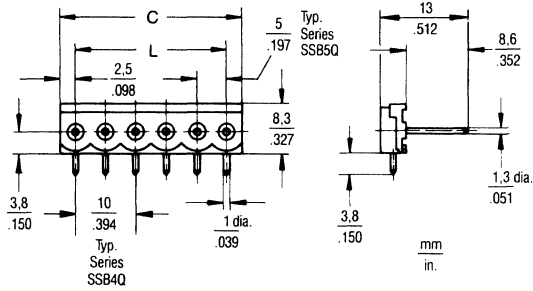
OUTLINE DRAWINGS

120H11



OUTLINE DRAWINGS

65H7



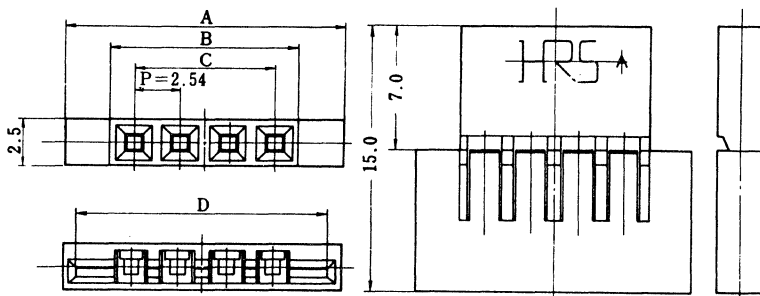
A

No. of Circuits	Dimensions			
	mm	L in.	mm	C in.
02	5	.20	10	.39
03	10	.39	15	.59
04	15	.59	20	.79
05	20	.79	25	.98
06	25	.98	30	1.18
07	30	1.18	35	1.38
08	35	1.38	40	1.58
09	40	1.58	45	1.77
10	45	1.77	50	1.97
11	50	1.97	55	2.17
12	55	2.17	60	2.36

B

No. of Circuits	Dimensions			
	mm	L in.	mm	C in.
02	10	.39	14,8	.58
03	20	.79	24,8	.98
04	30	1.18	34,8	1.38
05	40	1.58	44,8	1.77
06	50	1.97	54,8	2.17

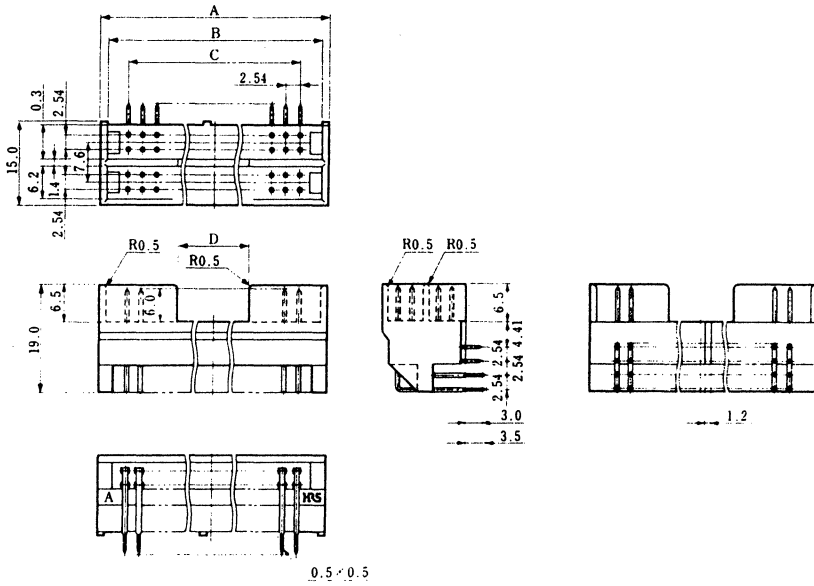
120H12



No. of Pin	A	B	C	D
2	10.14	5.08	2.54	8.64
3	12.68	7.62	5.08	11.18
14	15.22	10.16	7.62	13.72
5	17.76	12.70	10.16	16.26
6	20.30	15.24	12.70	18.80
7	22.84	17.78	15.24	21.34
8	25.38	20.32	17.78	23.88
9	27.92	22.86	20.32	26.42
10	30.46	25.40	22.86	28.96
11	33.00	27.94	25.40	31.50
12	35.54	30.48	27.94	34.04
13	38.08	33.02	30.48	36.58
14	40.62	35.56	33.02	39.12
15	43.16	38.10	35.56	41.66
16	45.70	40.64	38.10	44.20
18	50.78	45.72	43.18	49.28
20	55.86	50.80	48.26	54.36

OUTLINE DRAWINGS

120H14

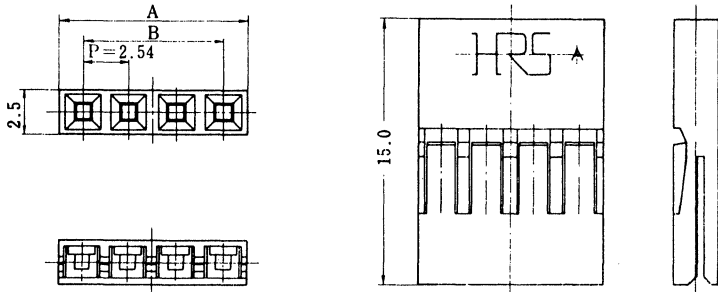


mm

No. of Pin	A	B	C	D
20	20.32	17.78	10.16	—
52	40.64	38.10	30.48	4.1
100	71.12	68.58	60.96	26.96
120	83.75	81.28	73.66	26.96

Note: No polarization slot is provided for 20 way.

120H13

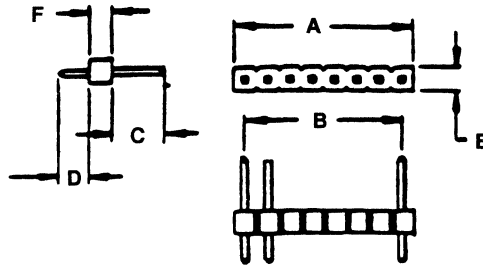


No. of Pin	A	B
2	5.08	2.54
3	7.62	5.08
4	10.16	7.62
5	12.70	10.16
6	15.24	12.70
7	17.78	15.24
8	20.32	17.78
9	22.86	20.32
10	25.40	22.86
11	27.94	25.40
12	30.48	27.94
13	33.02	30.48
14	35.56	33.02
15	38.10	35.56
16	40.64	38.10
18	45.72	43.18
20	50.80	48.26

OUTLINE DRAWINGS

OH1

Single Row Straight Post Headers

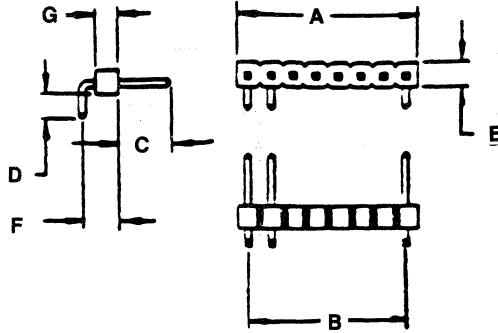


Dwg No. Suffix	IN mm	P I N	A	B	C	D	E	F	X	Y
OH1a	mm	2	2.54	5.1	6.1	3.0	2.54	2.54		
OH1b	mm	10	25.4		5.84		2.44	2.54		
OH1c	mm	1	2.54		5.84		2.44	3.30		
OH1d	mm	10			7.62	3.56	2.54	3.30		
OH1e	mm	40	101.6	99.06	7.0	2.6	4.0	2.54		
OH1f	mm	36	91.18		5.94		2.87	2.54		
OH1g	mm	32	81.28		7.87/12.95	4.04/12.95	2.54	2.54		
OH1h	mm	10	50.8		7.87/17.86	4.04/12.95	5.08	2.36		
OH1i	mm	20	53.34	48.51	5.84	2.54	2.44	2.54		
OH1j	mm	40	101.6	99.06	5.84	2.54	2.54	2.54		
OH1k	mm	40	101.6	99.06	5.84	5.08	2.54	2.54		
OH1l	mm	40	101.6	99.06	5.84	7.62	2.54	2.54		
OH1m	mm	40	101.6	99.06	5.84	10.16	2.54	2.54		
OH1n	mm	40	101.6	99.06	5.84	12.70	2.54	2.54		
OH1o	mm	40	101.6	99.06	5.84	15.24	2.54	2.54		
OH1p	mm	40	101.6	99.06	5.84	17.78	2.54	2.54		
OH1q	mm	40	101.6	99.06	5.84	20.32	2.54	2.54		
OH1r	mm	40	101.6	99.06	5.84	22.86	2.54	2.54		
OH1s	mm	40	101.6	99.06	7.87	2.92	2.54	2.54		
OH1t	mm	40	101.6	99.06	12.06	2.92	2.54	2.54		
OH1u	mm	25	63.5	60.96	3.04	3.81	2.54	2.79		
OH1v	mm	40	101.6	99.06	6.98	3.04	2.54	2.54		
OH1w	mm	40	101.6	99.06	6.98	5.08	2.54	2.54		
OH1x	mm	30	76.06	73.66	6.5	2.8	3.5	2.8		
OH1y	mm	20	50.8	48.26	5.46	3.04	2.54	1.77		
OH1z	mm	36	91.44	88.90	5.84	3.00	2.54	2.54		
OH1aa	mm	36		88.90	5.84		2.44	2.54		
OH1ab	mm	20	50.39		8.08	3.18	2.34	2.29		
OH1ac	mm	20	50.39		5.84/8.08	2.79/3.18	2.34	2.29		
OH1ad	mm	20	50.39		5.84/8.08	3.05/3.18	2.34	2.29		
OH1ae	mm	24	60.96		7.49	3.56	6.22	2.54		
OH1af	mm	24	95.1		11.43	4.45	6.35	3.18		
OH1ag	mm	40	101.6	99.06	5.4	3.1	2.45	1.70		
OH1ah	mm	36	91.44	88.90	6.10		3.18	2.54		
OH1ai	mm	40	101.34	99.06	5.86/7.62	2.8	3.0	2.54		
OH1aj	mm	20	49.7	47.5		3.4	2.4	3.3		
OH1ak	mm	20	78.84	75.24		3.5	3.2			
OH1al	mm	10	27.94	25.4	6.6	3.0	3.0	3.0		
OH1am	mm	20	78.84	75.24	10.25	3.5		3.2		
OH1an	mm	16	79.0	75.0		3.5		3.2		
OH1ao	mm	15	76.5	72.5		3.5		3.2		
OH1ap	mm	40	101.35	99.06	5.84/12.83		2.41	2.41		
OH1aq	mm	16	32	30	3.5	2.6	2.0	1.8		
OH1ar	mm	36	(n-2)(x)	(n-1)(y)	13.5	6.0	2.54		2.54	2.54
OH1as	mm	72	91.19	88.9	5.84	10.8	2.87	2.54		
OH1at	mm	36	(n)(x)		8.08	2.54	2.54	2.54	2.54	

OUTLINE DRAWINGS

OH2

Single Row Right Angle Post Headers

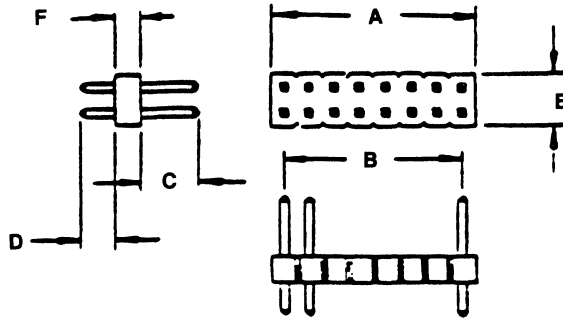


Dwg No. Suffix	IN mm	P I N	A	B	C	D	E	F	G	X	Y
OH2a	mm	2	2.54	5.1	6.81	3.0	2.54	4.84	2.54		
OH2b	mm	10	25.4		5.84	2.29	3.0		2.54		
OH2c	mm	10			7.62	3.56	2.54				
OH2d	mm	5	12.7	10.16	6.0		4.0		2.54		
OH2e	mm	36	91.18		5.94		2.87	4.06	2.54		
OH2f	mm	36	91.44		4.04	4.06/9.08	2.54		2.54		
OH2g	mm	40	101.6	99.06	3.30	4.83	2.54		2.54		
OH2h	mm	40	101.6	99.06	3.30	8.76	2.54		2.54		
OH2i	mm	40	101.6	99.06	5.84	3.05	2.54		2.54		
OH2j	mm	40	101.6	99.06	5.84	4.70	2.54		2.54		
OH2k	mm	40	101.6	99.06	5.84	7.24	2.54		2.54		
OH2l	mm	40	101.6	99.06	5.84	8.13	2.54		2.54		
OH2m	mm	40	101.6	99.06	5.84	9.78	2.54		2.54		
OH2n	mm	40	101.6	99.06	5.84	12.37	2.54		2.54		
OH2o	mm	40	101.6	99.06	5.84	14.26	2.54		2.54		
OH2p	mm	40	101.6	99.06	5.84	17.40	2.54		2.54		
OH2q	mm	40	101.6	99.06	5.84	19.94	2.54		2.54		
OH2r	mm	40	101.6	99.06	8.13	3.05	2.54		2.54		
OH2s	mm	40	101.6	99.06	8.13	8.13	2.54		2.54		
OH2t	mm	40	101.6	99.06	3.30	5.34	2.54		2.54		
OH2u	mm	40	101.6	99.06	3.30	9.27	2.54		2.54		
OH2v	mm	40	101.6	99.06	5.84	3.56	2.54		2.54		
OH2w	mm	40	101.6	99.06	5.84	5.21	2.54		2.54		
OH2x	mm	40	101.6	99.06	5.84	7.75	2.54		2.54		
OH2y	mm	40	101.6	99.06	5.84	8.64	2.54		2.54		
OH2z	mm	40	101.6	99.06	5.84	10.29	2.54		2.54		
OH2aa	mm	40	101.6	99.06	5.84	12.88	2.54		2.54		
OH2ab	mm	40	101.6	99.06	5.84	14.77	2.54		2.54		
OH2ac	mm	40	101.6	99.06	5.84	17.91	2.54		2.54		
OH2ad	mm	40	101.6	99.06	5.84	20.45	2.54		2.54		
OH2ae	mm	40	101.6	99.06	8.13	3.56	2.54		2.54		
OH2af	mm	40	101.6	99.06	8.13	8.64	2.54		2.54		
OH2ag	mm	32	81.28		4.04	9.08	2.54		2.54		
OH2ah	mm	40	101.6	99.06	6.98	3.04	2.54		2.54		
OH2ai	mm	40	101.6	99.06		5.08	2.54		2.54		
OH2aj	mm	30	76.06	73.66	6.5	2.8	3.5		2.8		
OH2ak	mm	36	91.44	88.90	5.84	2.54	3.56		2.54		
OH2al	mm	20	50.39		8.08	2.79	3.51	3.99	3.53		
OH2am	mm	20	50.39		5.84/8.08	2.79	3.51	3.56	2.29		
OH2an	mm	20	50.39		5.84/8.08	2.79/3.05	3.51	3.56	2.29		
OH2ao	mm	24	60.96		3.56	7.49	5.08		2.54		
OH2ap	mm	24	95.1		4.45	9.91	6.35		3.18		
OH2aq	mm	40	101.6	99.06	3.2	4.2	2.45	3.0	1.7		
OH2ar	mm	36	91.44	88.90	6.10		3.18		2.54		
OH2as	mm	40	101.34	99.06	5.86/7.26	2.8	3.0		2.54		
OH2at	mm	20	49.7	47.5	7.6	3.4	2.4	6.0	2.9		
OH2au	mm	20	78.84	75.24	3.5		3.2	8.1	6.0		
OH2av	mm	10	27.94	25.4	6.0	3.5	3.0		3.0		
OH2aw	mm	20	78.84	75.24	3.5	14.6		8.1	3.2		
OH2ax	mm	16	79.0	75.0	3.5			8.1	3.2		
OH2ay	mm	15	76.5	72.5	3.5			8.1	3.2		
OH2az	mm	40	101.35	99.06	5.84/8.13	1.52	3.0		2.41		
OH2ba	mm	36	(n-2)(x)	(n-1)(y)	6.0	3.0	2.54			2.54	2.54
OH2bb	mm	72	91.19	88.90	5.84	3.18	2.87		2.54		
OH2bc	mm	36	(n)(x)		8.08	3.05	2.54		2.54	2.54	

OUTLINE DRAWINGS

OH3

Double Row Straight Post Headers

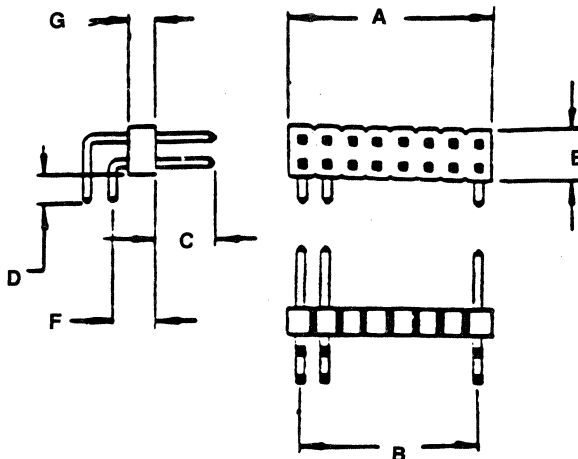


Dwg No. Suffix	IN mm	P I N	A	B	C	D	E	F	X	Y
OH3a	mm	4	5.08	2.5	6.1	3.0	5.08	2.54		
OH3b	mm	4	5.08	2.5	8.5	3.0	5.08	2.54		
OH3c	mm	10	12.7	10.16	6.7	3.2	5.0	2.8		
OH3d	mm	20	25.4		5.84		4.98	2.54		
OH3e	mm	2	2.54		5.84		4.98	3.30		
OH3f	mm	10	12.7	10.16	6.0	2.6	5.0	2.54		
OH3g	mm	36	91.18		5.94		5.08	2.54		
OH3h	mm	36	91.44		7.87/12.95	4.04/12.95	5.08	2.54		
OH3i	mm	80	101.6	99.06	5.84	2.54	5.08	2.54		
OH3j	mm	80	101.6	99.06	5.84	5.08	5.08	2.54		
OH3k	mm	80	101.6	99.06	5.84	7.62	5.08	2.54		
OH3l	mm	80	101.6	99.06	5.84	10.16	5.08	2.54		
OH3m	mm	80	101.6	99.06	5.84	12.70	5.08	2.54		
OH3n	mm	80	101.6	99.06	5.84	15.24	5.08	2.54		
OH3o	mm	80	101.6	99.06	5.84	17.78	5.08	2.54		
OH3p	mm	80	101.6	99.06	5.84	20.32	5.08	2.54		
OH3q	mm	80	101.6	99.06	5.84	22.86	5.08	2.54		
OH3r	mm	80	101.6	99.06	7.87	2.92	5.08	2.54		
OH3s	mm	80	101.6	99.06	12.06	2.92	5.08	2.54		
OH3t	mm	80	101.6	99.06	7.01	3.04	5.00	2.54		
OH3u	mm	80	101.6	99.06	7.01	5.08	5.00	2.54		
OH3v	mm	60	76.06	73.66	6.5	2.8	6.04	2.8		
OH3w	mm	72	91.44	88.90	5.84	3.00	5.08	2.54		
OH3x	mm	80	101.19		8.08	3.18	5.08	2.29		
OH3y	mm	80	101.19		5.84/8.08	2.79/3.18	4.88	2.29		
OH3z	mm	80	101.19		5.84/8.08	3.05/3.18	4.88	2.29		
OH3aa	mm	80	101.6	99.06	5.41	1.74	5.08	1.7		
OH3ab	mm	72	91.44	88.90	6.10		6.35	2.54		
OH3ac	mm	80	101.34	99.06	5.86/7.26	2.8	6.0	2.54		
OH3ad	mm	10	27.94	25.4	6.6	3.0	6.0	3.0		
OH3ae	mm	40	50.55	48.26	5.8/8.1		4.9	2.41		
OH3af	mm	32	32	30	3.5	2.6	4.0	1.8		
OH3ag	mm	60	(n ÷ 2 + .39)(x)	(n ÷ 2 - 1)(y)	(n ÷ 2)	6.1		7.3	2.54	2.54
OH3ah	mm	60	(n ÷ 2 + .39)(x)	(n ÷ 2 - 1)(y)	13.5	7.0		4.5	2.54	2.54
OH3ai	mm	60	(n ÷ 2)(x)	(n ÷ 2 - 1)(y)	6.0	3.0		2.54	2.54	2.54
OH3aj	mm	72	91.19	88.9	8.10	10.8	5.08	2.54		
OH3ak	mm	80	(n ÷ 2)(x)	(n ÷ 2 - 1)(y)	6.10	2.80	5.08	2.29	2.54	2.54
OH3al	mm	80	(n ÷ 2)(x)	(n ÷ 2 - 1)(y)	6.10	4.45	5.08	2.29	2.54	2.54
OH3am	mm	80	(n ÷ 2)(x)	(n ÷ 2 - 1)(y)	8.13	2.80	5.08	2.29	2.54	2.54
OH3an	mm	80	(n ÷ 2)(x)	(n ÷ 2 - 1)(y)	8.13	4.45	5.08	2.29	2.54	2.54
OH3ao	mm	64	(n ÷ 2)(x)		5.84	3.05	5.08	2.03	2.54	

OUTLINE DRAWINGS

OH4

Double Row Right Angle Post Headers

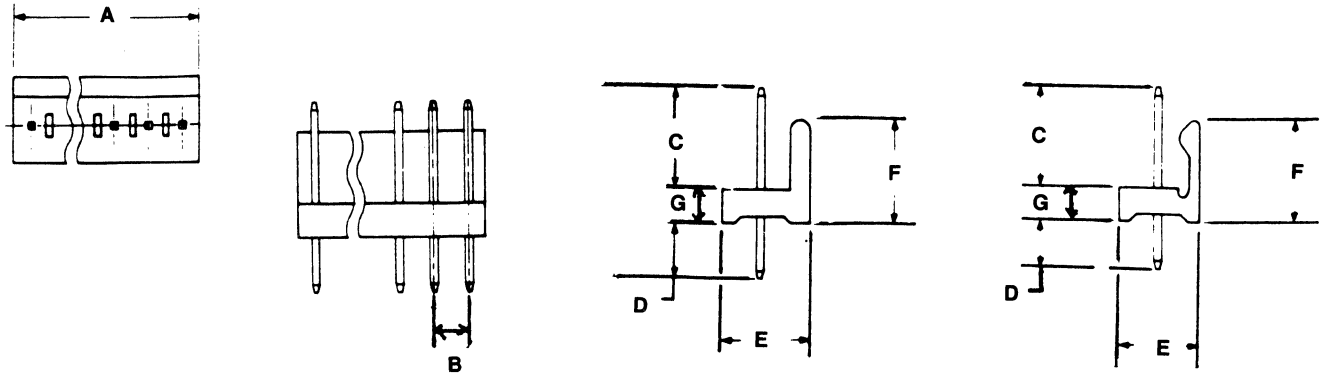


Dwg. No. Suffix	IN mm	P I N	A	B	C	D	E	F	G	X	Y
OH4a	mm	60	$(n \div 2 + .39)(x)$	$(n \div 2 - 1)(y)$	$(n \div 2)$	2.5	7.3	4.06		2.54	2.54
OH4b	mm	60	$(n \div 2 + .39)(x)$	$(n \div 2 - 1)(y)$	7.0	2.5	7.3	4.06		2.54	2.54
OH4c	mm	60	$(n \div 2)(x)$	$(n \div 2 - 1)(y)$	6.0	3.0	2.54			2.54	2.54
OH4d	mm	72	91.19	88.9	5.84	3.18	6.10		2.54		
OH4e	mm	60	$(n \times .127)$	$(n \div 2 - 1)(y)$	6.10	6.10	4.98	3.63	2.54	.254	2.54
OH4f	mm	80	$(n \div 2)(x)$	$(n \div 2 - 1)(y)$	6.10	2.80	5.08	4.88	2.29	2.54	2.54
OH4g	mm	80	$(n \div 2)(x)$	$(n \div 2 - 1)(y)$	6.10	4.45	5.08	4.88	2.29	2.54	2.54
OH4h	mm	80	$(n \div 2)(x)$	$(n \div 2 - 1)(y)$	8.13	2.80	5.08	4.88	2.29	2.54	2.54
OH4i	mm	80	$(n \div 2)(x)$	$(n \div 2 - 1)(y)$	8.13	4.45	5.08	4.88	2.29	2.54	2.54
OH4j	mm	64	$(n \div 2)(x)$		5.84	2.29	5.08		2.03	2.54	
OH4k	mm	2	5.08	2.5	6.1	3.0	5.08	4.84	2.54		
OH4l	mm	10	12.7	10.16	6.3	2.95	5.0	6.64	2.8		
OH4m	mm	20	25.7		5.84	2.29	5.54		2.54		
OH4n	mm	10	12.7	10.16	6.0		5.0		2.54		
OH4o	mm	36	91.18		5.94		6.09	4.06	2.54		
OH4p	mm	36	91.44		4.04/12.95	9.08	5.08		2.54		
OH4q	mm	80	101.6	99.06	5.84	3.05	5.59		2.54		
OH4r	mm	80	101.6	99.06	5.84	4.70	5.59		2.54		
OH4s	mm	80	101.6	99.06	5.84	7.24	5.59		2.54		
OH4t	mm	80	101.6	99.06	5.84	9.78	5.59		2.54		
OH4u	mm	80	101.6	99.06	5.84	12.32	5.59		2.54		
OH4v	mm	80	101.6	99.06	5.84	14.86	5.59		2.54		
OH4w	mm	80	101.6	99.06	8.13	3.05	5.59		2.54		
OH4x	mm	80	101.6	99.06	5.84	3.56	5.59		2.54		
OH4y	mm	80	101.6	99.06	5.84	5.21	5.59		2.54		
OH4z	mm	80	101.6	99.06	5.84	7.75	5.59		2.54		
OH4aa	mm	80	101.6	99.06	5.84	10.29	5.59		2.54		
OH4ab	mm	80	101.6	99.06	5.84	12.83	5.59		2.54		
OH4ac	mm	80	101.6	99.06	5.84	15.37	5.59		2.54		
OH4ad	mm	80	101.6	99.06	8.13	3.56	5.59		2.54		
OH4ae	mm	80	101.6	99.06	7.01	3.04	5.00	4.06	2.54		
OH4af	mm	80	101.6	99.06	7.01	5.08	5.00	4.06	2.54		
OH4ag	mm	60	76.06	73.86	6.5	2.8	6.04		2.8		
OH4ah	mm	72	91.44	88.90	5.84	2.54	6.10		2.54		
OH4ai	mm	80	101.19		8.08	2.79	6.05	3.99	7.34		
OH4aj	mm	80	101.19		5.84/8.08	2.79	6.05	3.56			
OH4ak	mm	80	101.19		5.84/8.08	2.79/3.05	6.05	3.56			
OH4al	mm	80	101.6	99.06	5.91	4.29	5.08	2.99	1.70		
OH4am	mm	72	91.44	88.90	6.10		6.35		2.54		
OH4an	mm	40	101.34	99.06	5.86/7.26	2.8	6.0		2.54		
OH4ao	mm	10	27.94	25.4	6.0	3.5	6.0	4.27	3.0		
OH4ap	mm	40	50.55	48.26	5.8/8.1	2.8	5.5		2.41		

OUTLINE DRAWINGS

0H5

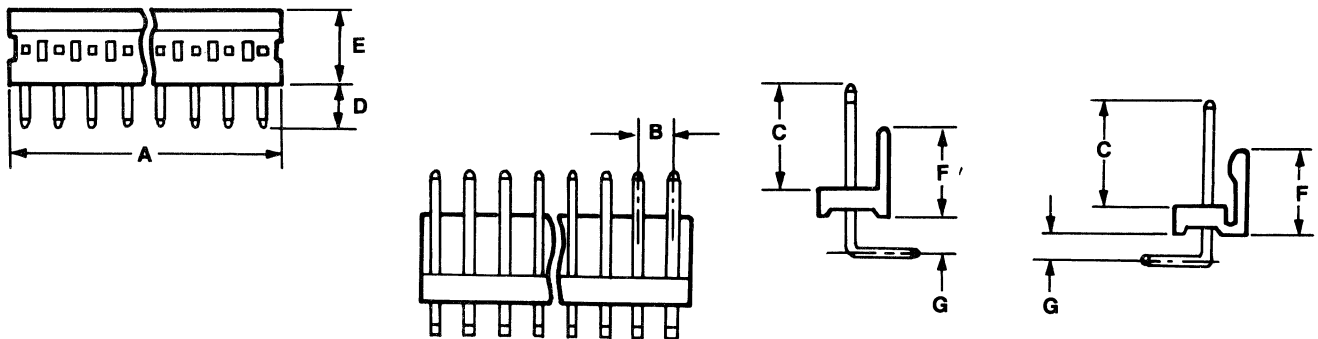
Straight Post Header



Dwg. No Suffix	IN mm	P I N	A	B	C	D	E	F	G
0H5a	mm	24	60.96	2.54	7.49	3.56	5.72	7.87	2.54
0H5b	mm	24	95.1	3.96	11.43	4.45	7.75	9.53	3.18
0H5c	mm	24	95.1	3.96	11.43	4.45	7.75	10.67	3.18
0H5d	m	20	78.84	3.96	10.25	3.5	9.6	11.0	3.2

0H6

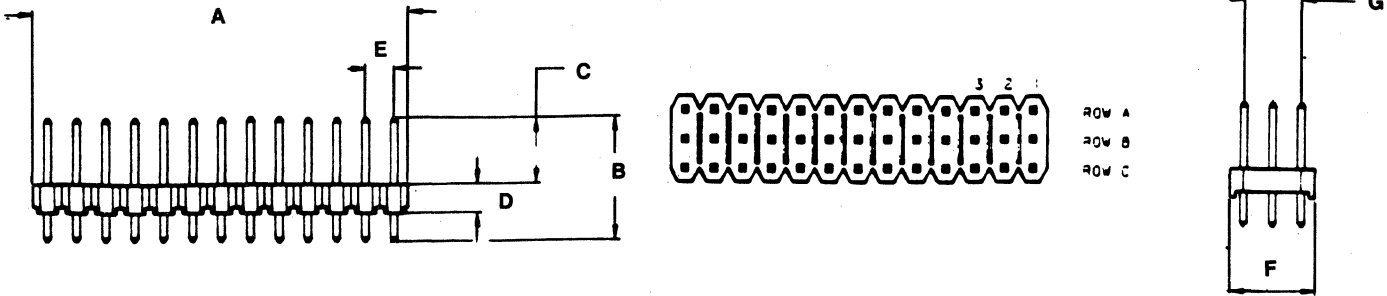
Right Angle Post Header



Dwg. No Suffix	IN mm	P I N	A	B	C	D	E	F	G
0H6a	mm	24	60.96	2.54	7.49	3.56	5.72	7.87	
0H6b	mm	24	95.1	3.96	11.43	4.45	7.75	9.53	3.99
0H6c	mm	24	95.1	3.96	11.43	4.45	7.75	10.67	5.38
0H6d	mm	20	78.84	3.96	4.6	5.4	9.6	11.0	5.4

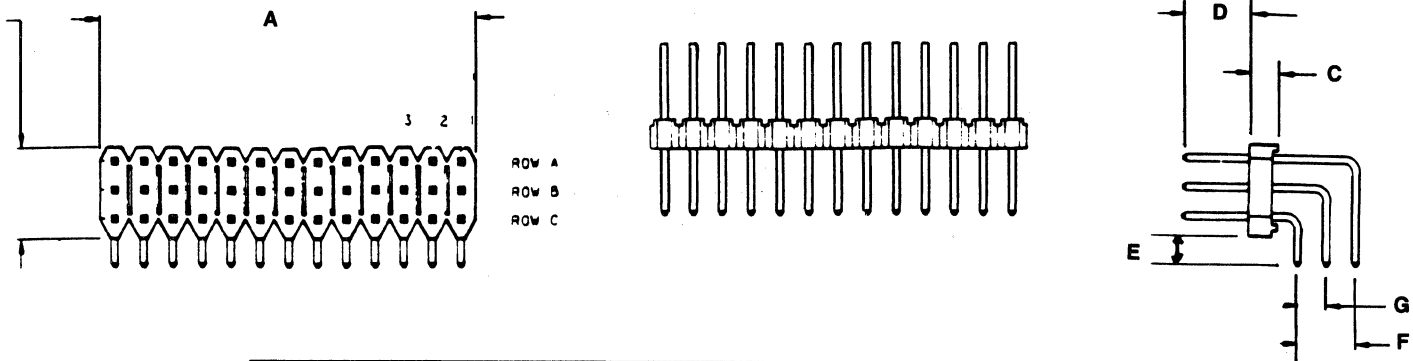
OUTLINE DRAWINGS

OH7 Strip Header



Dwg. No Suffix	IN mm	P I N	A	B	C	D	E	F	G
OH7a	mm	30	25.4	10.92	5.84	2.54	2.54	7.52	5.08

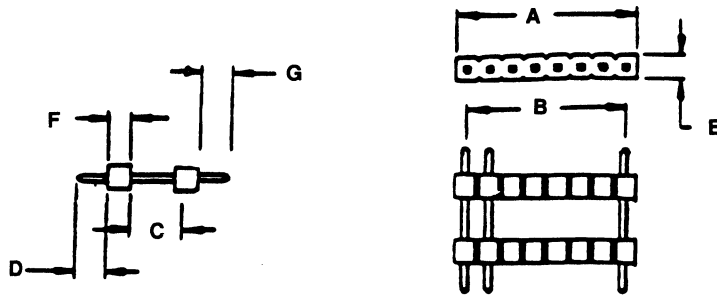
OH8 Strip Headers - Right Angle



Dwg. No Suffix	IN mm	P I N	A	B	C	D	E	F	G
OH8a	mm	30	25.4	8.07	2.54	5.84	2.54	5.08	2.54

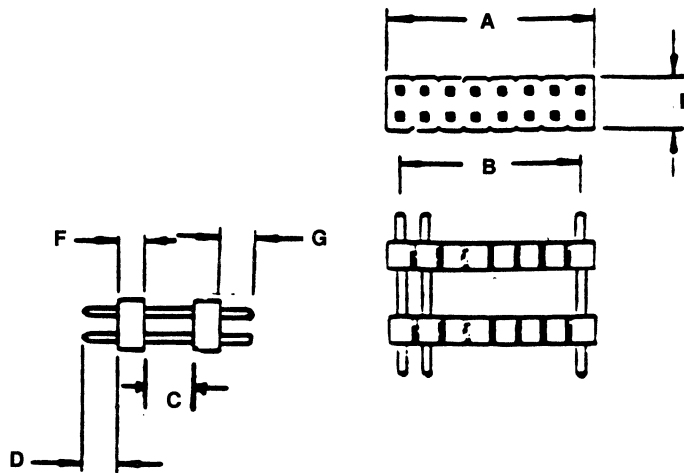
OUTLINE DRAWINGS

0H9



Dwg. No Suffix	IN	P I N	A	B	C	D	E	F	G
	MM								
0H9a	mm	2	2.54 x n	A-2.54	11.7	3.0	5.08	2.54	10.2

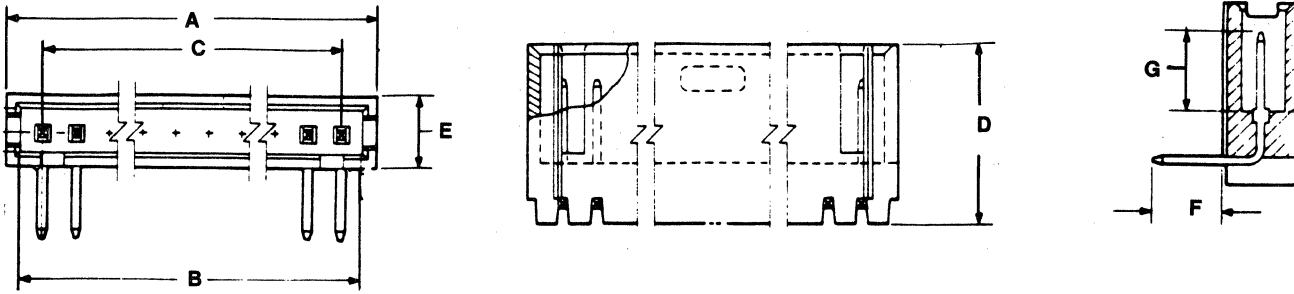
0H10



Dwg. No Suffix	IN	P I N	A	B	C	D	E	F	G
	MM								
0H10a	mm	2	2.54 x n	A-2.54	10.9	3.0	5.08	2.54	8.0

OUTLINE DRAWINGS

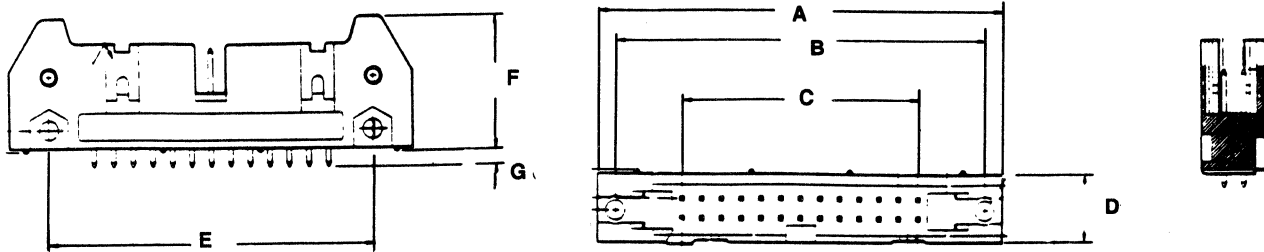
OH11



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OH11a		X	36	51.31	49.28	45.72	13.94	5.44	2.79	6.1
OH11b		X	24	120		115		8.3	3.9	
OH11c		X	24	121.9		11		8.3	3.9	
OH11d		X	24	121.92		116.84		8.3	3.9	
OH11e		X	24	123.12		116.84		8.3	3.9	

OH12

Shrouded Headers

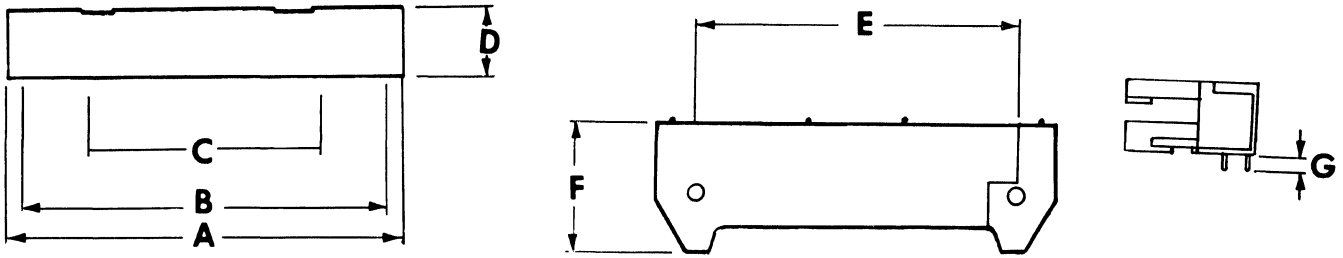


Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OH12a		X	10	32.0	27.94	10.16	8.6	21.84	17.27	2.54
OH12b		X	10	32.0	27.94	10.16	8.6	21.84	19.05	1.57
OH12c		X	10	32.0	27.94	25.4	7.75	21.84	17.78	2.87/15.44
OH12d		X	10	32.0	21.85					
OH12e		X	10	32.1	27.9					
OH12f		X	10	32.0	27.9					
OH12g		X	16	39.62		25.53	8.5			

OUTLINE DRAWINGS

0H13

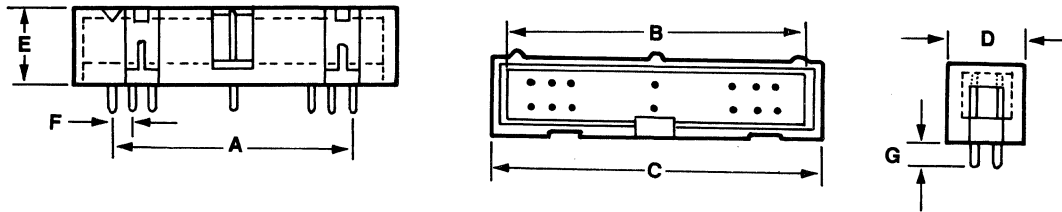
Shrouded Headers - Right Angle



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
0H13a		X	10	32.0	27.94	10.16	8.6	21.84	17.27	2.54
0H13b		X	10	32.0	27.94	10.16	8.6	21.84	19.05	1.57
0H13c		X	10	32.0	27.94	25.4	7.75	21.84	17.78	2.87/15.44
0H13d		X	10	32.0	21.85					
0H13e		X	10	32.1	21.8					
0H13f		X	10	32.0	27.9					
0H13g		X	16	39.62		25.53	8.5			

0H14

I.D.C. Low Profile Closed Header

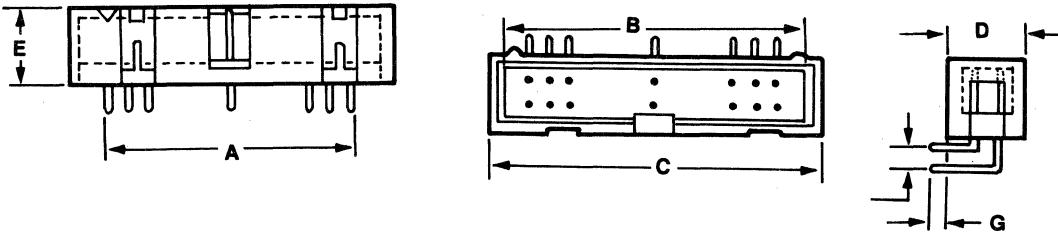


Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
0H14a		X	10	10.16	18.04	20.32	8.89	8.89	2.54	2.65
0H14b		X	10	10.16	18.0	20.3	8.23	9.4	2.54	2.54
0H14c	X		60	2.90	3.20	3.30	.350	.350	.100	.130
0H14d		X	10	10.16		20.32	8.10	9.53	2.54	
0H14e		X	14	15.24		25.40	8.10	9.53	2.54	
0H14f		X	16	17.78		27.94	8.10	9.53	2.54	
0H14g		X	20	22.86		32.02	8.10	9.53	2.54	
0H14h		X	26	30.48		40.64	8.10	9.53	2.54	
0H14i		X	34	40.64		50.80	8.10	9.53	2.54	
0H14j		X	40	48.26		58.42	8.10	9.53	2.54	
0H14k		X	50	60.96		71.12	8.10	9.53	2.54	
0H14l		X	60	73.66		82.82	8.10	9.53	2.54	

OUTLINE DRAWINGS

OH15

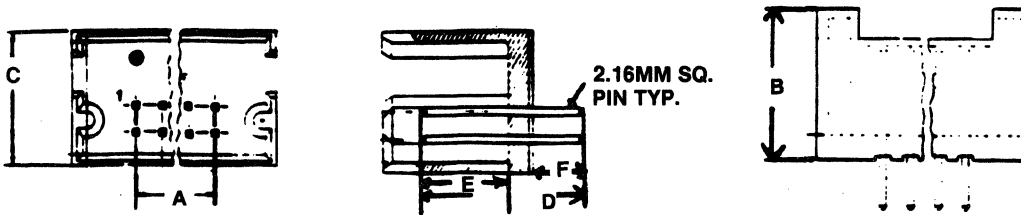
I.D.C. Low Profile Closed Header



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OH15a		X	10	10.16	18.04	20.32	8.89	8.89	2.54	2.65
OH15b		X	10	10.16	18.0	20.3	8.22	9.4	2.54	
OH15c	X		60	2.90	3.20	3.30	.350	.350	.100	.130
OH15d		X	10	10.16		20.32	8.10	9.53	2.54	
OH15e		X	14	15.24		25.40	8.10	9.53	2.54	
OH15f		X	16	17.78		27.94	8.10	9.53	2.54	
OH15g		X	20	22.86		32.02	8.10	9.53	2.54	
OH15h		X	26	30.48		40.64	8.10	9.53	2.54	
OH15i		X	34	40.64		50.80	8.10	9.53	2.54	
OH15j		X	40	48.26		58.42	8.10	9.53	2.54	
OH15k		X	50	60.96		71.12	8.10	9.53	2.54	
OH15l		X	60	73.66		82.82	8.10	9.53	2.54	

OH16

Vertical Shrouded Headers

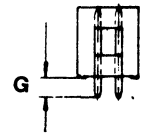
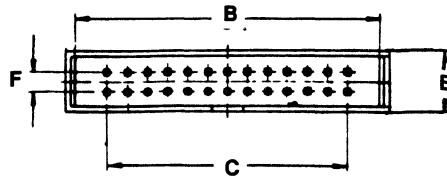
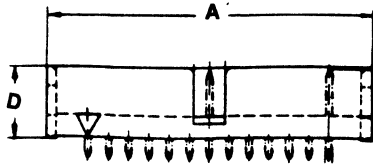


Dwg. No. Suffix	I N	M M	P I N S	A	B	C	D	E	F	X	No. of Rows
OH16a		X	65	(n-1)(X)	13.97	13.2	15.0	8.1	4.6	2.54	2

OUTLINE DRAWINGS

OH17

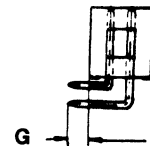
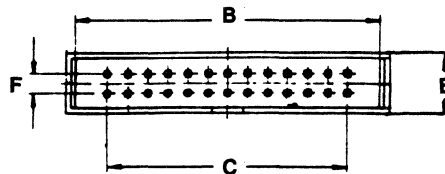
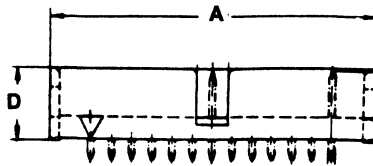
Low Profile Header



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OH17a		X	50	71.1	68.6	60.96	9.0	7.4	2.54	3.2
OH17b		X	60	86.70	81.02	73.66	15	8.5	2.54	3.6
OH17c		X	60	83.32	81.28		11.18	10.16	2.54	2.29/3.18
OH17d		X	60	83.32	81.28		11.18	10.16	2.54	2.29
OH17e		X	96	94.0	87.7	78.74		10.6		
OH17f		X	64	88.90	86.61	78.74	9.53	8.10	2.54	

OH18

Low Profile Header

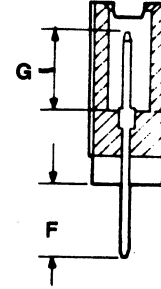
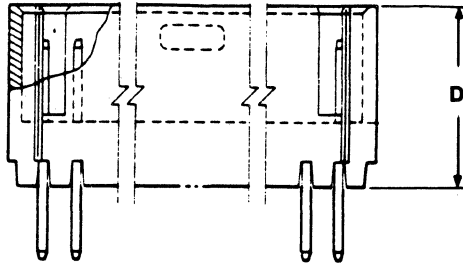
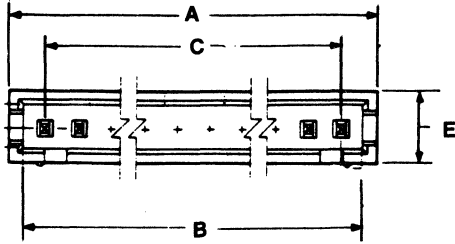


Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OH18a		X	50	71.1	68.6	60.96	9.0	7.4	2.54	2.8
OH18b		X	60	86.70	81.02	73.66	15	8.5	2.54	
OH18c		X	60	83.32	81.28		16.57	9.56	2.54	3.18
OH18d		X	60	83.32	81.28		16.57	10.54	2.54	3.43
OH18e		X	64	88.90	86.61	78.74	9.53	8.10	2.54	

OUTLINE DRAWINGS

0H19

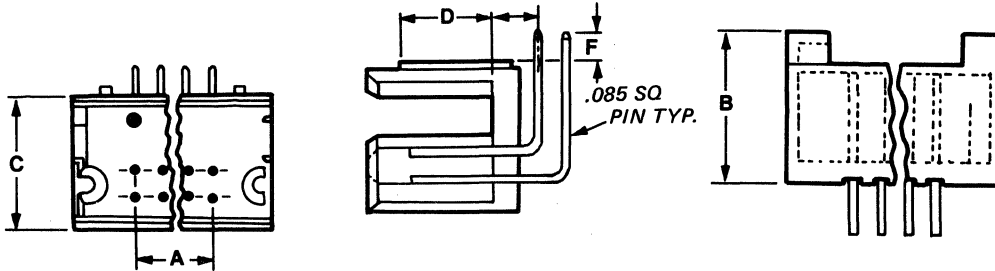
Header Assemblies - Shrouded Single Row



Dwg. No. Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
0H19a		X	36	51.31	49.28	45.72	13.94	5.44	3.3	6.1
0H19b		X	24	120		115	12		3.9	
0H19c		X	24	121.2		115	12		3.9	
0H19d		X	24	121.92		116.84	12		3.9	
0H19e		X	24	123.12		116.84	12		3.9	

0H20

Horizontal Shrouded Headers

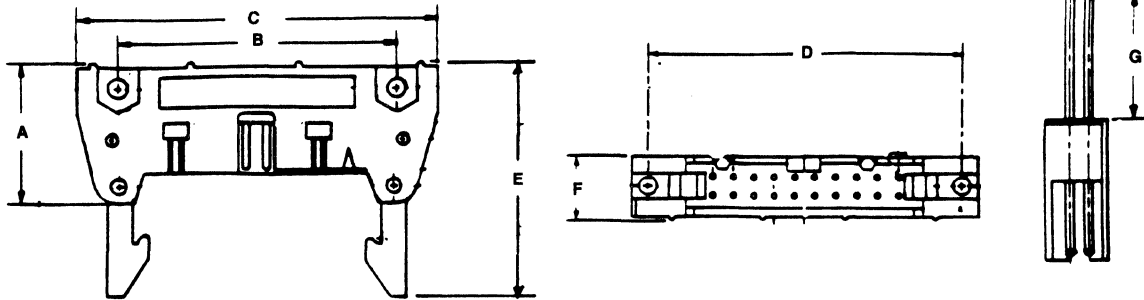


Dwg. No. Suffix	I N	M M	P I N S	A	B	C	D	E	F	X	No. of Rows
0H20a		X	65	(n-1)(X)	13.97	13.2	8.1	40	3.2	2.54	2

OUTLINE DRAWINGS

OH21

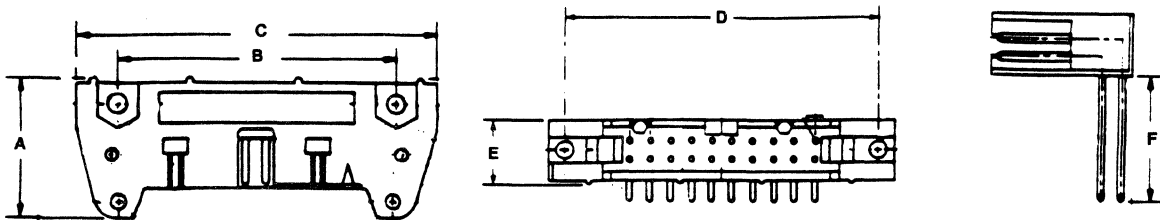
Four Wall Straight Headers
Polarized, Strain Relief Latch



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OH21a		X	10	17.3	21.84	32.0	27.94		8.9	2.3
OH21b		X	10	17.3	21.84	32.0	27.94		8.9	3.94
OH21c		X	10	17.3	21.84	32.0	27.94		8.9	15.49
OH21d		X	10	17.7	21.84	32.0	27.94	29.7	8.15	2.6
OH21e		X	50	17.3	72.7	82.8	78.7	27.2	7.6	2.8
OH21f		X	34	18.4	62.1	75.1	68.4	30.0	10.0	
OH21g		X	60	18.03	85.30	95.50	91.40	26.70	8.76	
OH21h	X		60	.689	3.36	3.76	3.60	1.055	.338	.110

OH22

Four Wall Right Angle Headers
Polarized

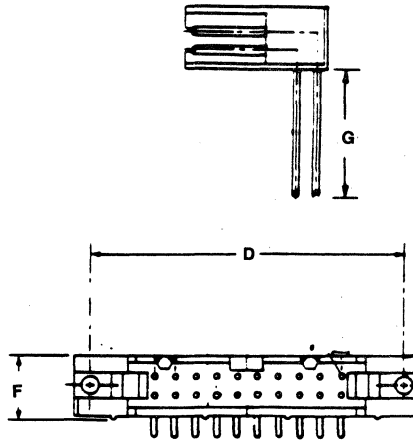
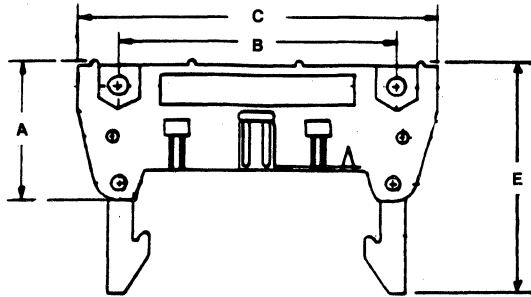


Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F
OH22a		X	10	17.3	21.84	32.0	27.94	8.9	2.3
OH22b		X	10	17.3	21.84	32.0	27.94	8.9	3.94
OH22c		X	10	17.3	21.84	32.0	27.94	8.9	15.49
OH22d		X	10	17.7	21.84	32.0	27.94	8.15	2.6
OH22e		X	50	17.3	72.7	82.8	78.7	7.6	2.8
OH22f		X	60	18.03	85.30	95.50	91.40	8.76	
OH22g		X	50		72.64	82.80		8.5	3.0

OUTLINE DRAWINGS

0H23

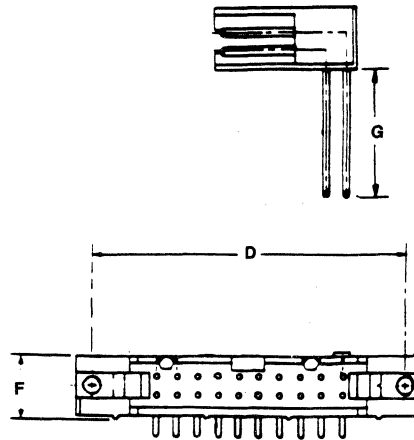
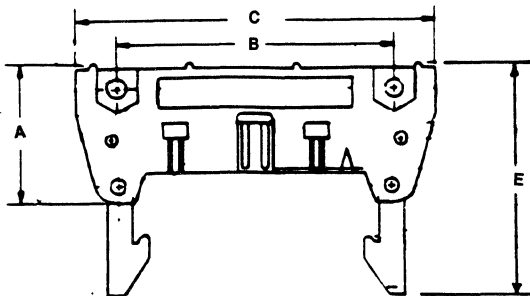
Four Wall Right Angle Headers
Polarized, Low Profile Latch



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
0H23a		X	10	17.3	21.84	32.0	27.94		8.9	2.3
0H23b		X	10	17.3	21.84	32.0	27.94		8.9	3.94
0H23c		X	10	17.3	21.84	32.0	27.94		8.9	15.49
0H23d		X	50	17.3	72.7	82.8	78.7	24.6	7.6	2.8
0H23e		X	64		90.42	100.58	96.52	33.02	8.89	2.26/15.49
0H23f		X	60	18.03	85.30	95.50	91.40	23.15	8.76	

0H24

Four Wall Right Angle Headers
Polarized, Strain Relief Latch

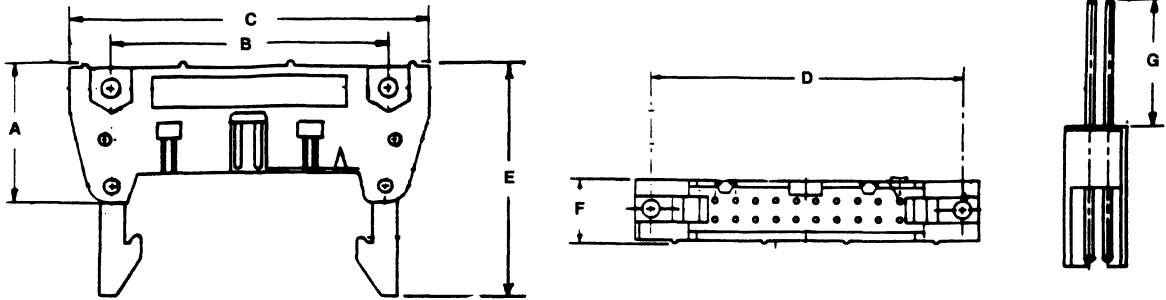


Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
0H24a		X	10	17.3	21.84	32.0	27.94		8.9	2.3
0H24b		X	10	17.3	21.84	32.0	27.94		8.9	3.94
0H24c		X	10	17.3	21.84	32.0	27.94		8.9	15.49
0H24d		X	50	17.3	72.7	82.8	78.7	27.2	7.6	2.8
0H24e		X	34	18.4	62.1	75.1	68.4	30.0	10.0	
0H24f		X	60	18.03	85.30	95.50	91.40	26.70	8.76	
0H24g	X		60	.689	3.360	3.76	3.60	1.055	.338	.110

OUTLINE DRAWINGS

0H25

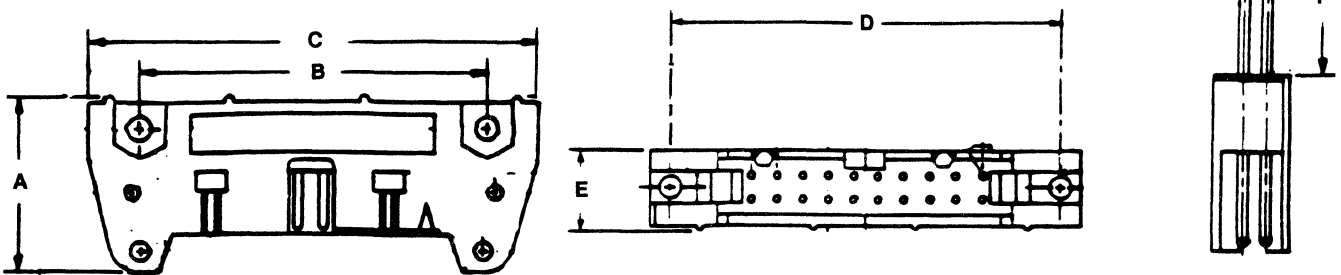
Four Wall Straight Headers
Polarized, Low Profile Latch



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
0H25a		X	10	17.3	21.84	32.0	27.94		8.9	2.3
0H24b		X	10	17.3	21.84	32.0	27.94		8.9	3.94
0H25c		X	10	17.3	21.84	32.0	27.94		8.9	15.49
0H25d		X	10	17.7	21.84	32.0	27.94	25.8	8.15	2.6
0H25e		X	50	17.3	72.7	82.8	78.7	24.6	7.6	2.8
0H25f		X	64		90.42	100.58	96.52	33.02	8.89	2.26/15.49
0H25g		X	60	18.03	85.30	95.50	91.40	23.15	8.76	
0H25h		X	50		72.64	82.8	78.74		8.5	

0H26

Four Wall Straight Headers Polarized

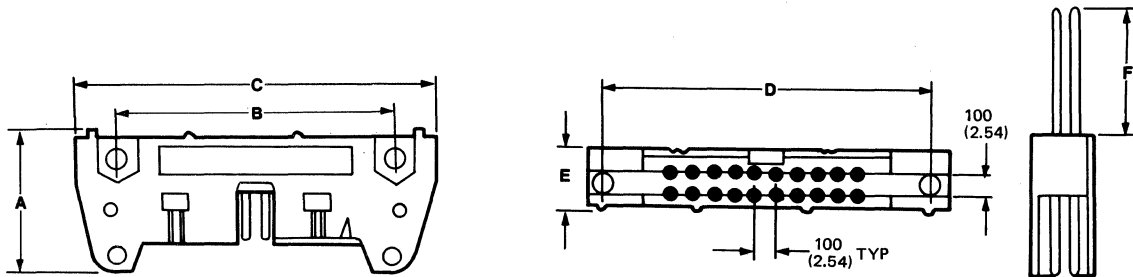


Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F
0H26a		X	10	17.3	21.84	32.0	27.94	8.9	2.3
0H26b		X	10	17.3	21.84	32.0	27.94	8.9	3.94
0H26c		X	10	17.3	21.84	32.0	27.94	8.9	15.49
0H26d		X	10	17.7	21.84	32.0	27.94	8.15	2.6
0H26e		X	50	17.3	72.7	82.8	78.7	7.6	2.8
0H26f		X	64	17.3	90.42	100.58	96.52	13.46	
0H26g		X	60	18.03	85.30	95.50	91.40	8.76	
0H26h		X	10	18.03	21.79	32.00	27.90	8.76	
0H26i		X	14	18.03	26.87	37.08	32.97	8.76	
0H26j		X	16	18.03	29.41	39.62	35.50	8.76	
0H26k		X	20	18.03	34.50	44.70	40.60	8.76	
0H26l		X	26	18.03	42.10	52.32	48.30	8.76	
0H26m		X	34	18.03	52.27	62.48	58.40	8.76	
0H26n		X	40	18.03	59.90	70.10	66.00	8.76	
0H26o		X	50	18.03	72.80	82.80	78.70	8.76	

OUTLINE DRAWINGS

0H27

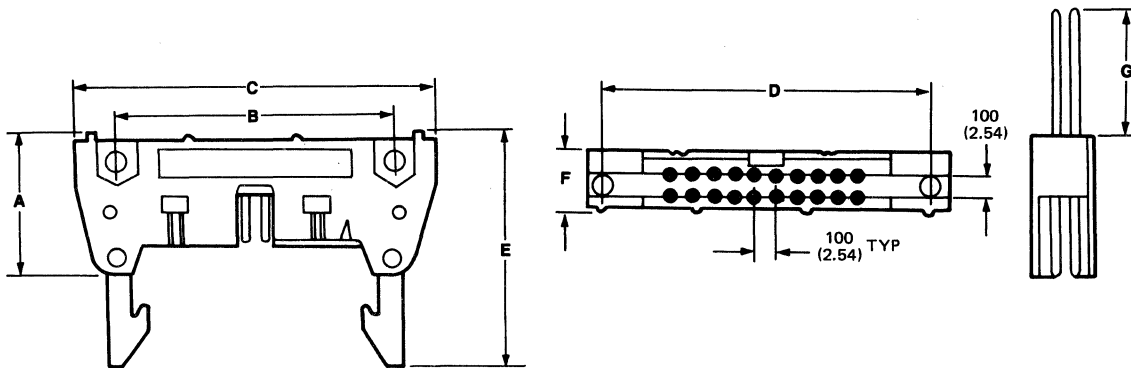
Three Wall Male Header Polarized



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F
0H27a		X	10	17.3	21.84	32.0	27.94	7.4	2.3
0H27b		X	10	17.3	21.84	32.0	27.94	7.4	3.94
0H27c		X	10	17.3	21.84	32.0	27.94	7.4	15.49
0H27d		X	10	17.3	21.84	32.0	27.94	7.4	2.67
0H27e		X	10	17.27	21.84	32.0	27.94	7.6	2.54

0H28

Three Wall Straight Headers Polarized, Low Profile Latch

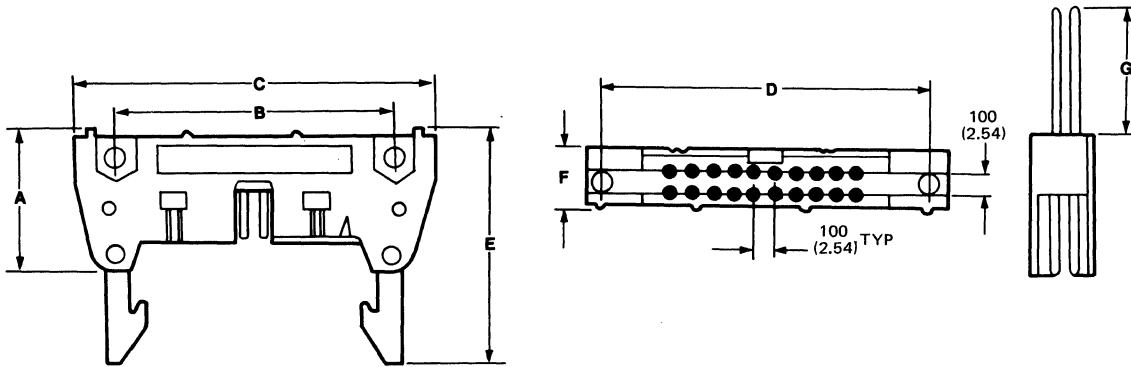


Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
0H28a		X	10	17.3	21.84	32.0	27.94		7.4	2.3
0H28b		X	10	17.3	21.84	32.0	27.94		7.4	3.94
0H28c		X	10	17.3	21.84	32.0	27.94		7.4	15.49
0H28d		X	10	17.3	21.84	32.0	27.94	25.8	7.4	2.67
0H20e		X	64		90.42	100.58	96.52	33.02	7.88	2.26/15.49

OUTLINE DRAWINGS

0H29

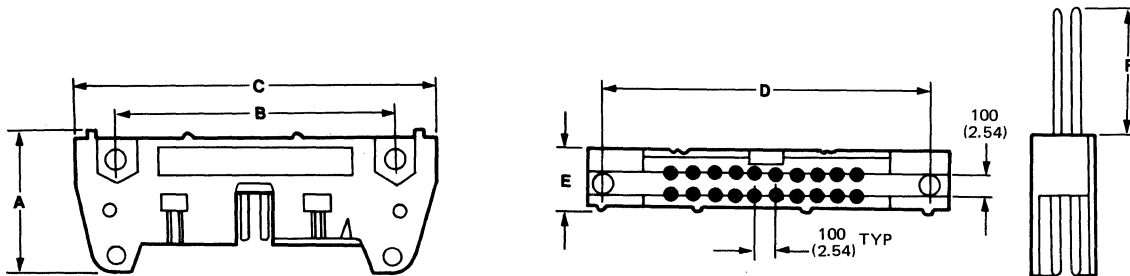
Three Wall Straight Headers
Polarized, Strain Relief Latch



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
0H29a		X	10	17.3	21.84	32.0	27.94		7.4	2.3
0H29b		X	10	17.3	21.84	32.0	27.94		7.4	3.94
0H29c		X	10	17.3	21.84	32.0	27.94		7.4	15.49
0H29d		X	10	17.3	21.84	32.0	27.94	29.7	7.4	2.67
0H29e		X	60	17.4	85.34	95.50	91.44	26.4	8.2	

0H30

Three Wall Right Angle Headers
Polarized

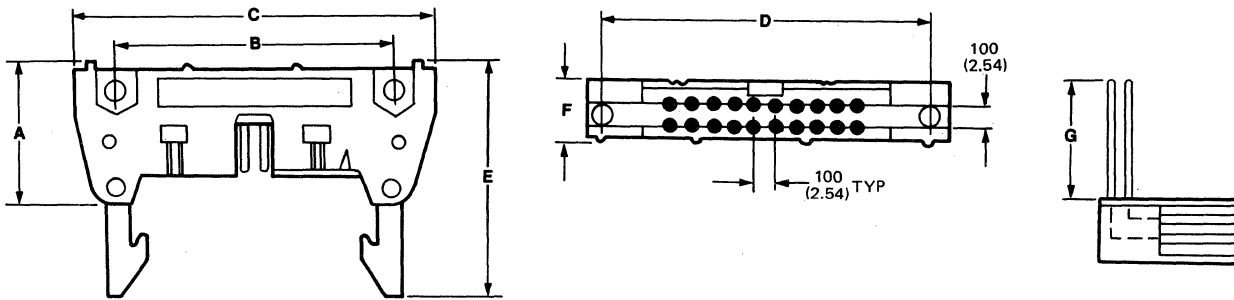


Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F
0H30a		X	10	17.3	21.84	32.0	27.94	7.4	2.3
0H30b		X	10	17.3	21.84	32.0	27.94	7.4	3.94
0H30c		X	10	17.3	21.84	32.0	27.94	7.4	15.49
0H30d		X	10	17.3	21.84	32.0	27.94	7.4	2.67
0H30e		X	10	17.27	21.84	32.0	27.94	7.6	2.54
0H30f		X	64	17.3	90.42	100.58	96.52	13.46	

OUTLINE DRAWINGS

0H31

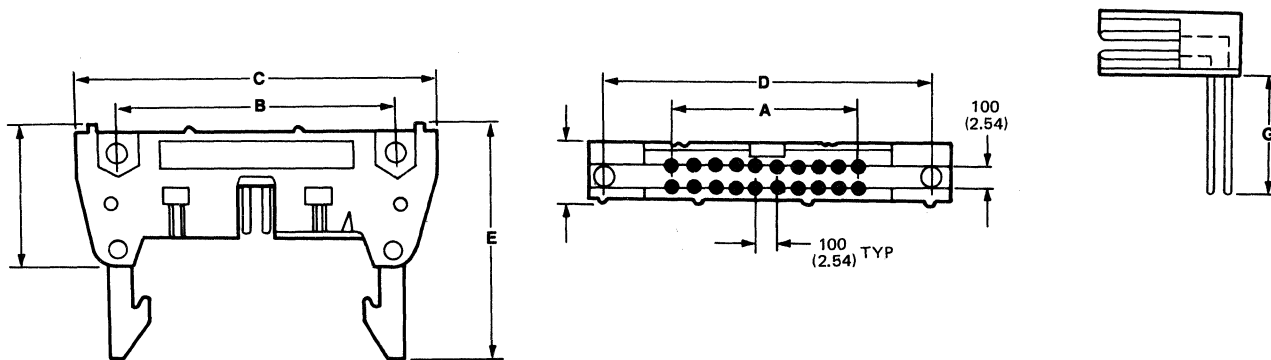
Three Wall Right Angle Headers
Polarized, Low Profile Latch



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
0H31a		X	10	17.3	21.84	32.0	27.94		7.4	2.3
0H31b		X	10	17.3	21.84	32.0	27.94		7.4	3.94
0H31c		X	10	17.3	21.84	32.0	27.94		7.4	15.49
0H31d		X	6		90.42	100.58	96.52	33.02	7.88	2.26/15.49

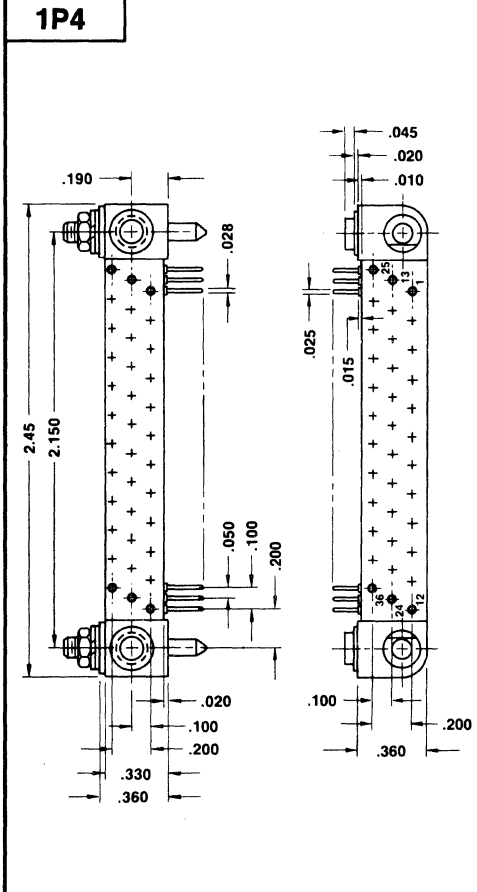
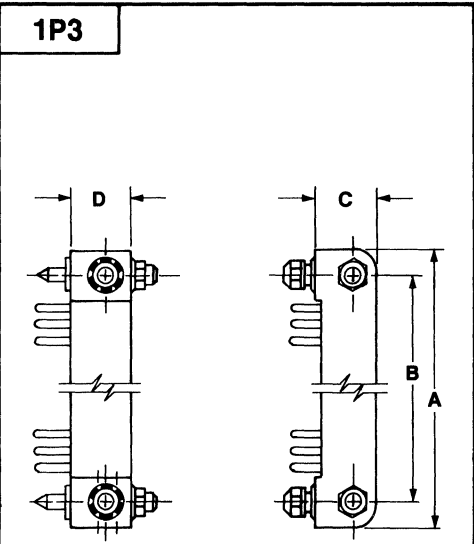
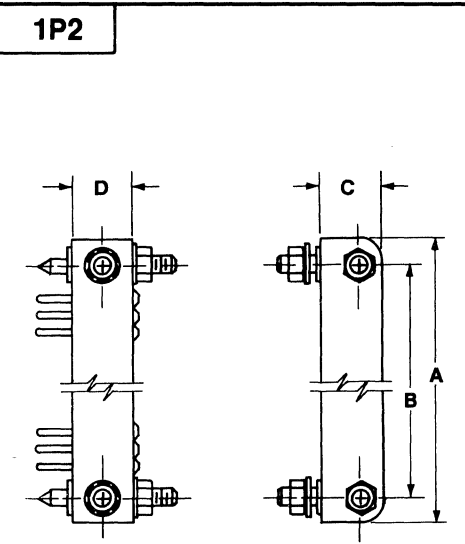
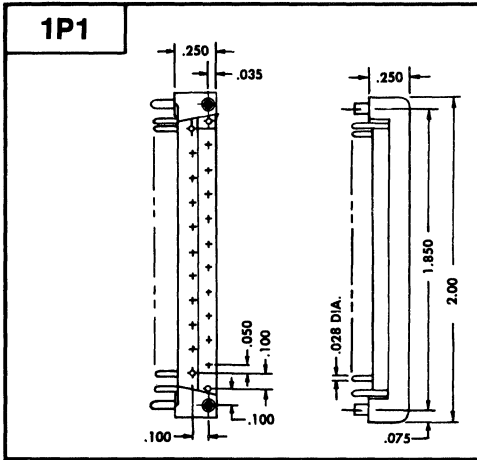
0H32

Three Wall Right Angle Headers
Polarized, Strain Relief Latch



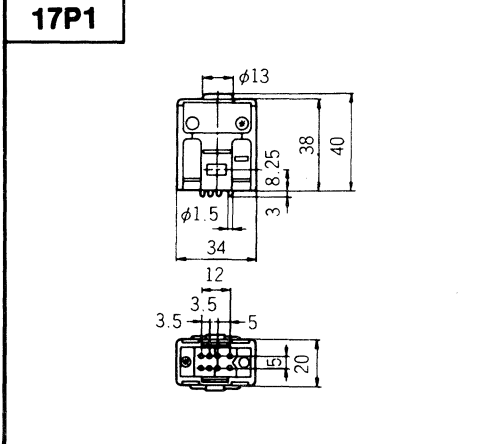
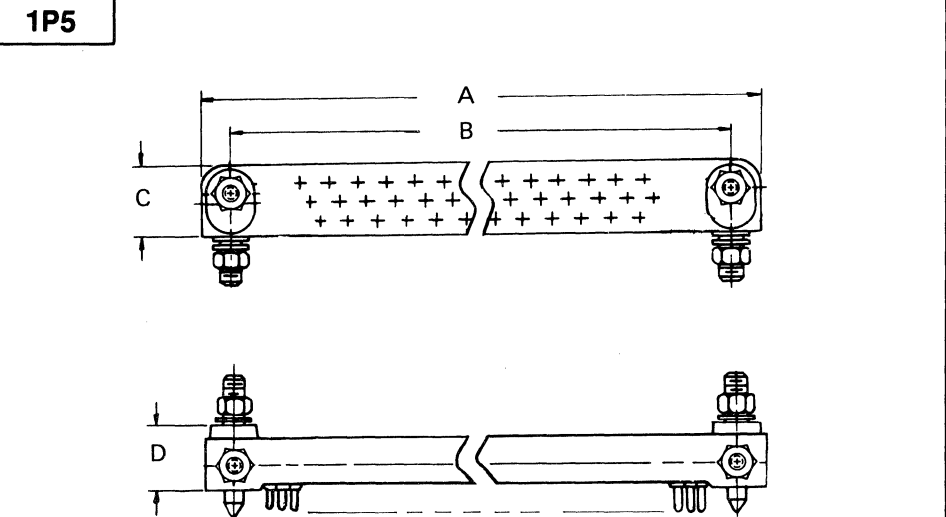
Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
0H32a		X	10	17.3	21.84	32.0	27.94		7.4	2.3
0H32b		X	10	17.3	21.84	32.0	27.94		7.4	3.94
0H32c		X	10	17.3	21.84	32.0	27.94		7.4	15.49
0H32d		X	60	17.4	85.34	95.50	91.44	26.4	8.2	

OUTLINE DRAWINGS



DWG No.	mm	In	A	B	C	D
1P2		X	TYP 1.30	TYP 1.00	TYP .360	TYP .360
1P2a		X	TYP 1.70	TYP 1.40	TYP .360	TYP .360
1P2b		X	TYP 2.10	TYP 1.80	TYP .360	TYP .360
1P2c		X	TYP 2.90	TYP 2.60	TYP .360	TYP .360
1P2d		X	TYP 4.30	TYP 4.00	TYP .360	TYP .360
1P2e		X	TYP 4.10	TYP 3.7	TYP .460	TYP .360

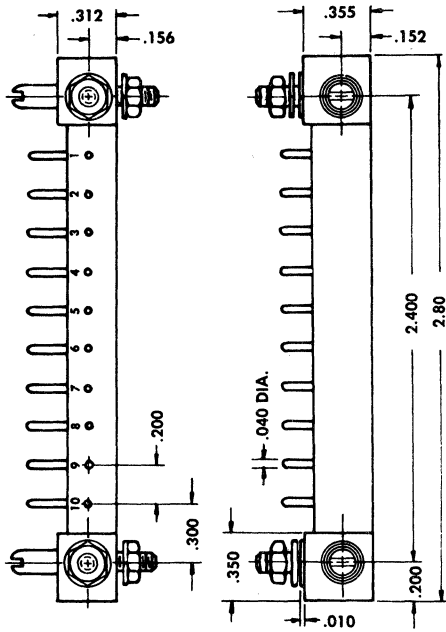
DWG No.	mm	In	A	B	C	D
1P3		X	TYP 1.70	TYP 1.40	TYP .360	TYP .360
1P3a		X	TYP 2.10	TYP 1.80	TYP .360	TYP .360
1P3b		X	TYP 2.90	TYP 2.60	TYP .360	TYP .360
1P3c		X	TYP 4.30	TYP 4.00	TYP .360	TYP .360



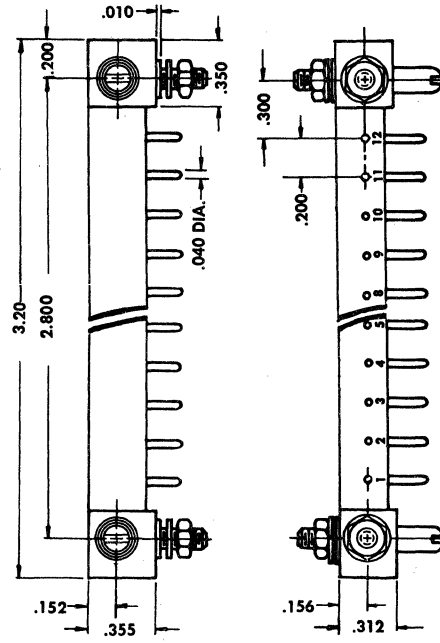
DWG No.	mm	In	A	B	C	D
1P5		X	TYP 2.90	TYP 2.60	TYP .360	TYP .360
1P5a		X	TYP 1.45	TYP 1.15	TYP .360	TYP .453
1P5b		X	TYP 2.45	TYP 2.15	TYP .360	TYP .453
1P5c		X	TYP 2.95	TYP 2.65	TYP .360	TYP .453
1P5d		X	TYP 3.70	TYP 3.40	TYP .360	TYP .453

OUTLINE DRAWINGS

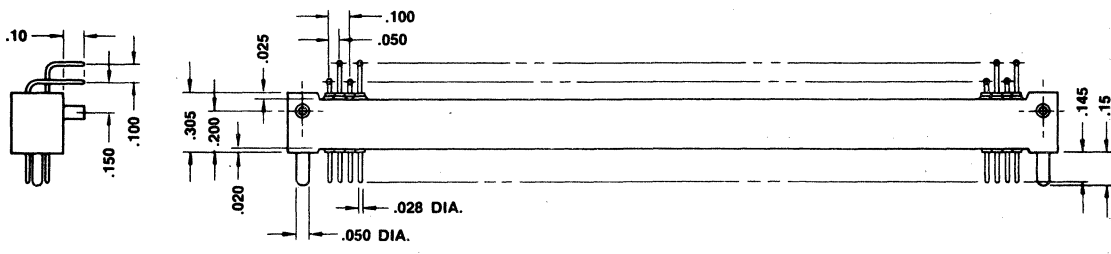
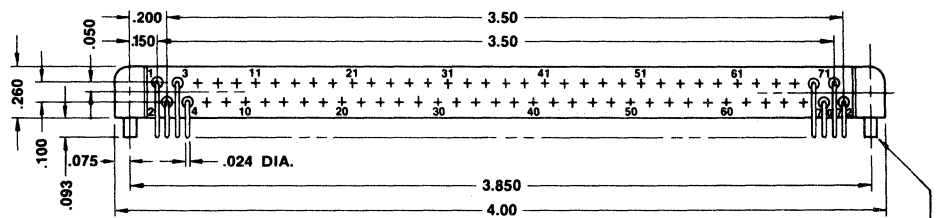
1P6



1P7

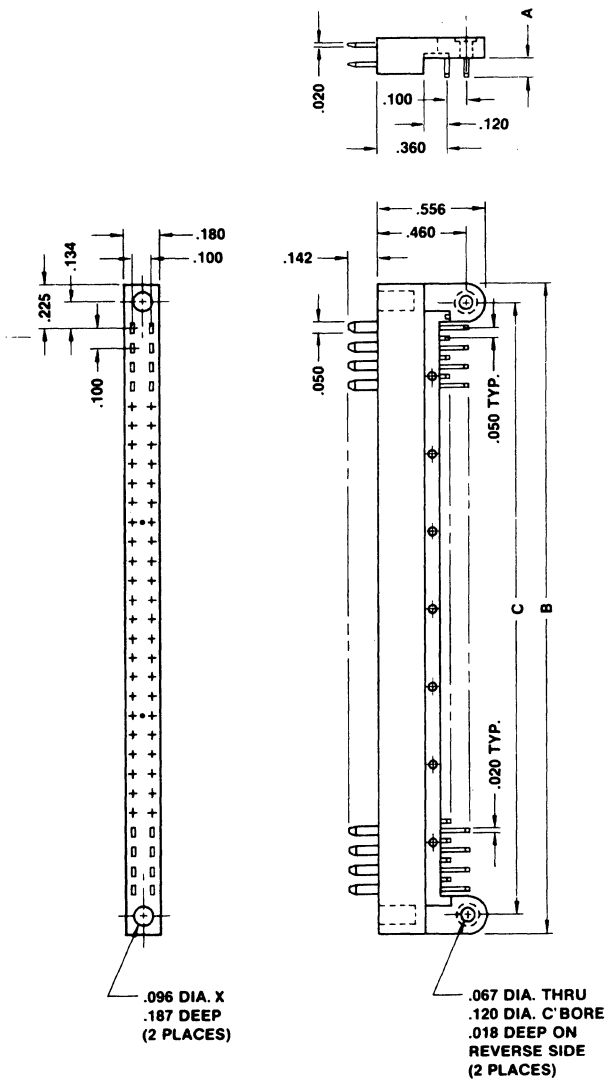


1P8



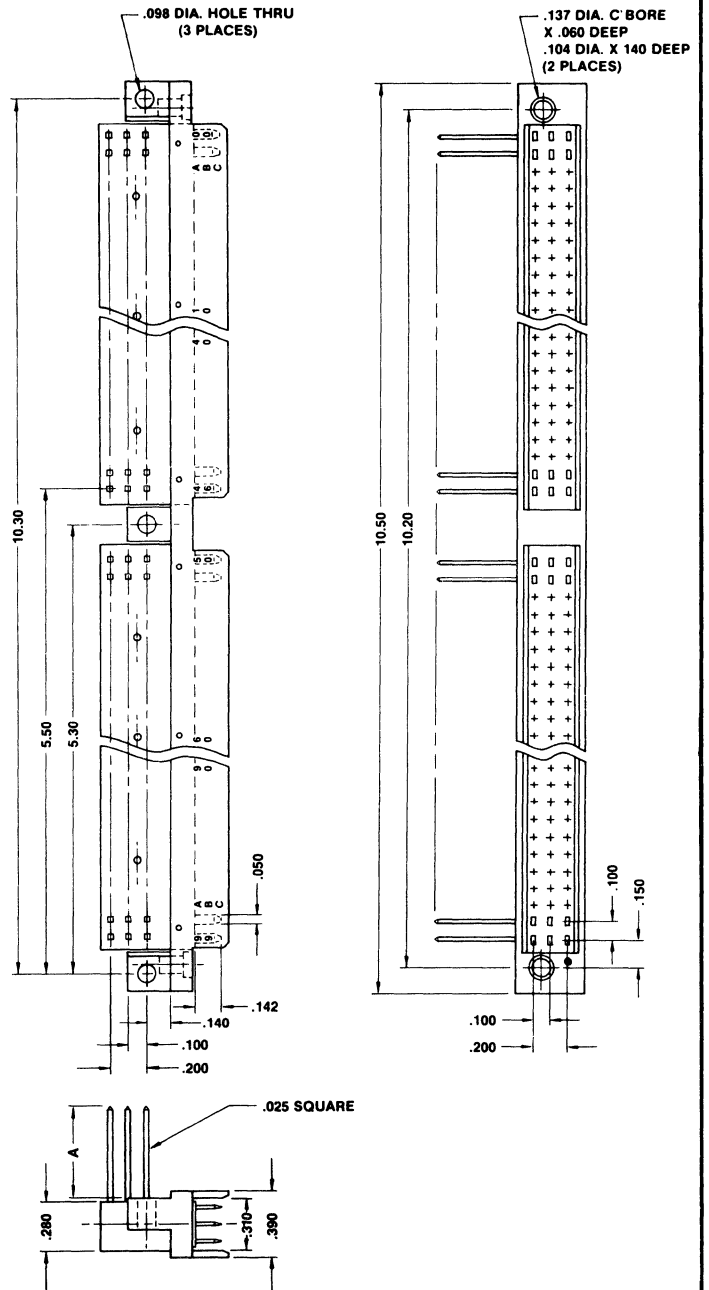
OUTLINE DRAWINGS

1P9



	NO. OF CONTACTS	A	B	C
a	34	.080	2.05	1.850
		.120		
		.095		
b	60	.080	3.35	3.150
		.120		
		.095		
c	80	.080	4.35	4.150
		.120		
		.095		

1P11

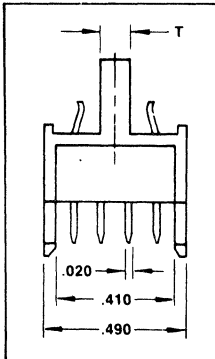
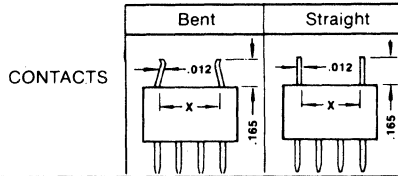
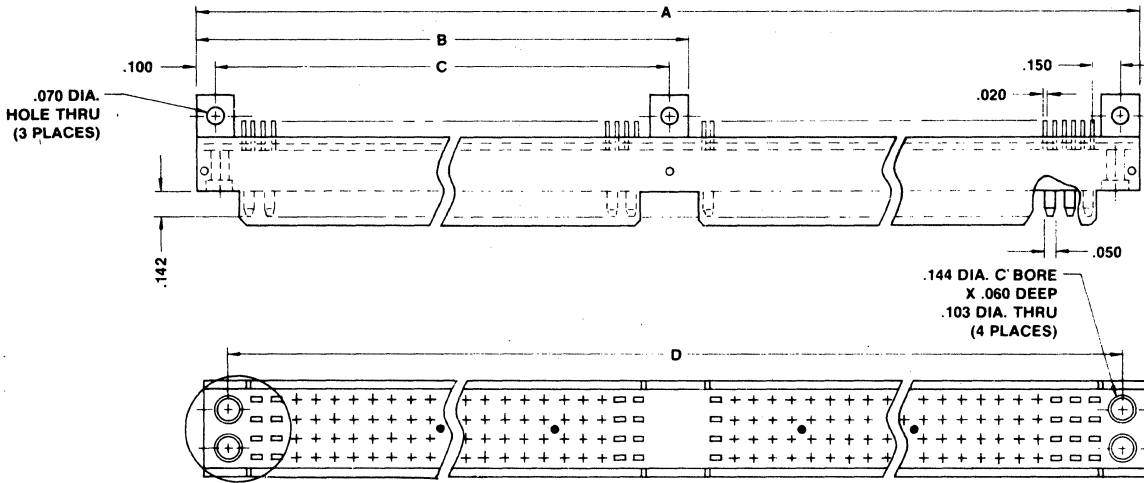
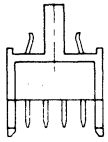


PART NUMBER	"A"
PCPHD-291P-1L2T3	.533
PCPHD-291P-4L2T3	.125

OUTLINE DRAWINGS

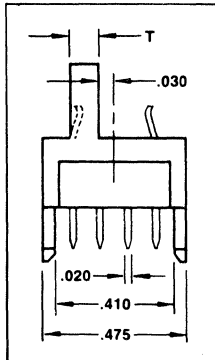
1P10

1O10

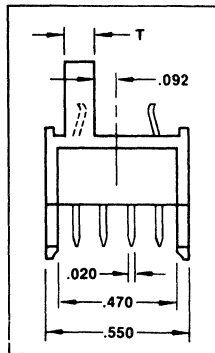


T	PART NO.	X	X	A	B	C	D
.102	PCPH-128P-1L2T3		255		3.65	3.450	3.400
.102	PCPH-140P-1L2T3	255			3.95	3.750	3.700
.102	PCPH-280P-1L2T3	255		7.75		3.775	7.500
.102	PCPH-280P-2L2T3	269		7.75		3.775	7.500

T	PART NO.	X	X	A	B	C	D
.060	PCPHA-280P-1L2T3	290		7.75		3.775	7.50
.060	PCPHA-56P-12L2T3	269			2.05	1.850	1.600
.045	PCPHJ-224P-1L2T3	250		6.35		3.075	6.100



T	PART NO.	X	X	A	B	C	D
.090	PCPHE-224P-1L2T3	255		6.35		3.075	6.100
.090	PCPHE-256P-1L2T3	255		7.15		3.475	6.900

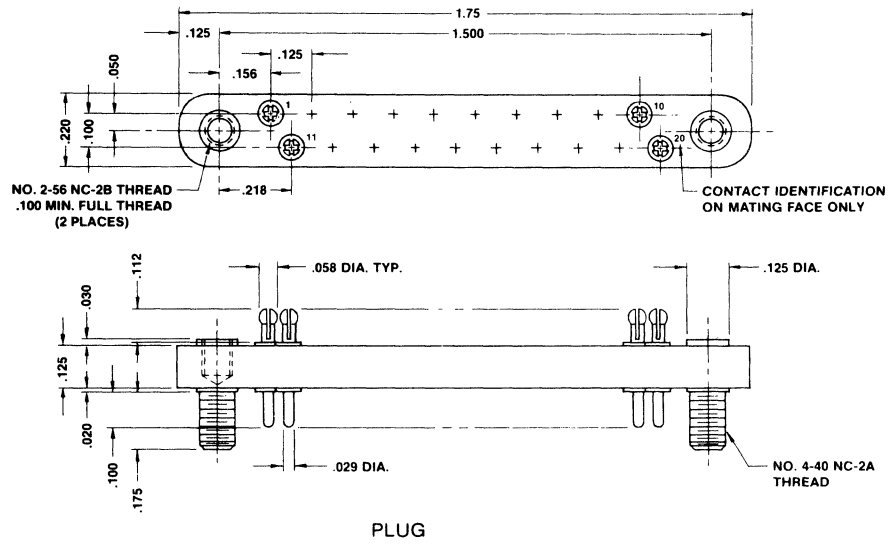


T	PART NO.	X	X	A	B	C	D
.090	PCPHC-320P-1L2T3	.354		9.10		4.450	8.650

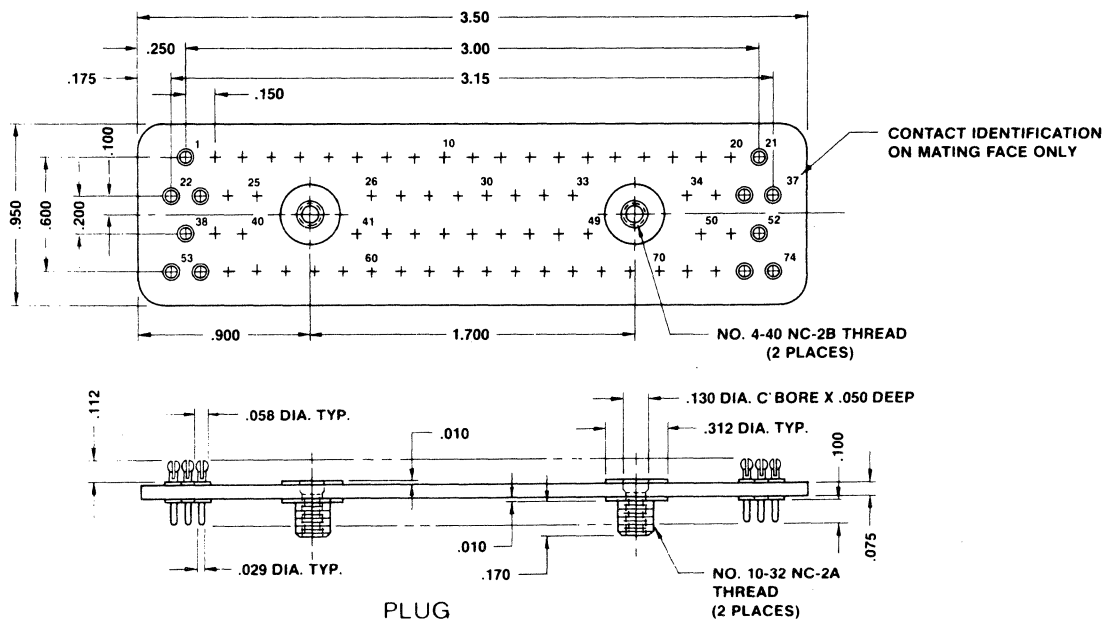
*TWO MOUNTING TABS
**THREE MOUNTING TABS

OUTLINE DRAWINGS

1P12

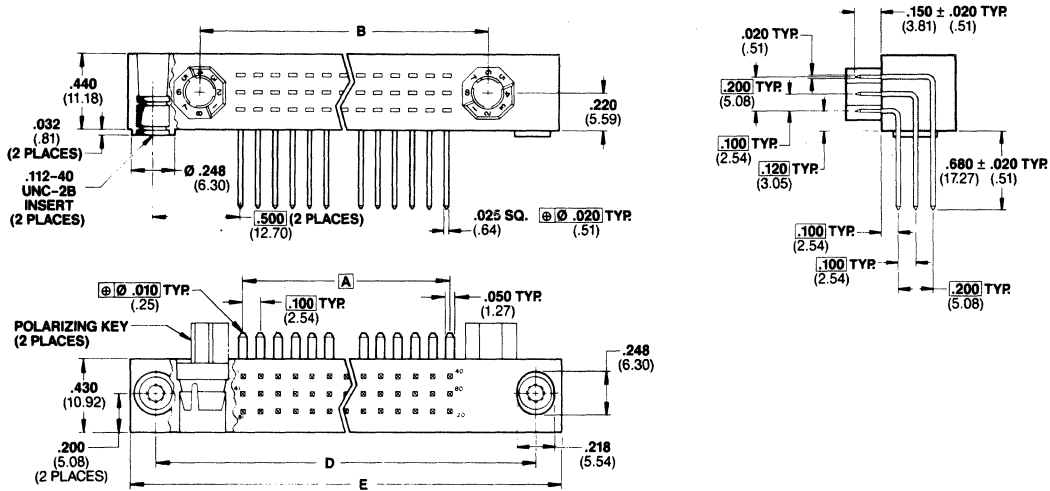


1P13



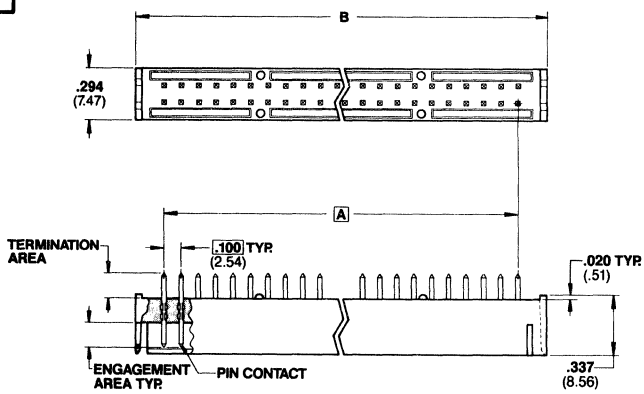
OUTLINE DRAWINGS

5P1



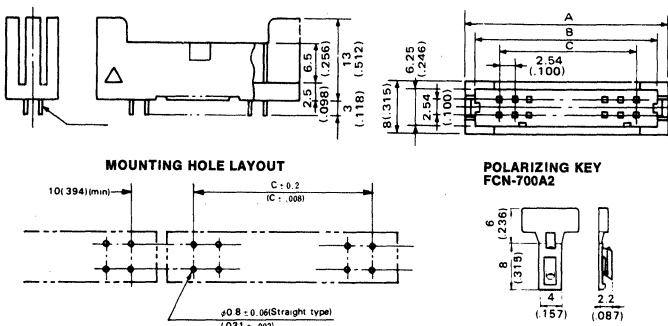
NUMBER OF POSITIONS	A	B	C	D	E	PART NUMBERS
	BSC	$\pm .010$ (.25)	$\pm .010$ (.25)	$\pm .010$ (.25)	$\pm .010$ (.25)	
120 CONTACT PLUG	3.900 (99.06)	4.375 (111.12)	4.900 (124.46)	5.200 (132.08)		000240-0003
120 CONTACT RECEPTACLE	3.900 (99.06)	4.375 (111.12)	4.735 (120.26)	5.250 (133.35)	5.750 (146.05)	000241-0021

5P3



NUMBER OF POSITIONS	A BSC	B $\pm .010$ (.25)	C $\pm .010$ (.25)	D $\pm .010$ (.25)
DUAL 22 44 CONTACTS	2.100 (53.34)	2.425 (61.60)		
DUAL 28 56 CONTACTS	2.700 (68.58)	3.025 (76.84)		
DUAL 50 100 CONTACTS	4.900 (124.46)	5.225 (132.72)	5.510 (139.95)	5.815 (147.70)

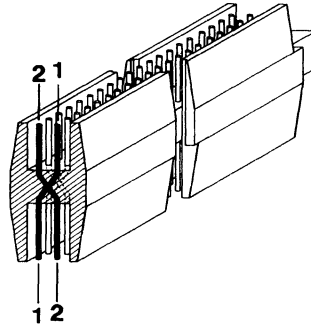
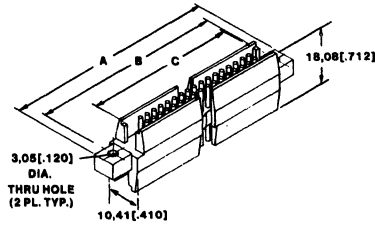
34P3



No. of Contacts	Designation	A	B	C	Unit: mm (inch)
10	FCN-744P010-AU/R	20.12 (.792)	17.72 (.698)	10.16 (.400)	
14	FCN-744P014-AU/R	25.20 (.992)	22.30 (.878)	15.24 (.600)	
16	FCN-744P016-AU/R	27.74 (1.092)	25.34 (.998)	17.78 (.700)	
20	FCN-744P020-AU/R	32.82 (1.292)	30.42 (1.198)	22.86 (.900)	
26	FCN-744P026-AU/R	40.44 (1.592)	38.04 (1.498)	30.48 (1.200)	
30	FCN-744P030-AU/R	45.52 (1.792)	43.12 (1.698)	35.56 (1.400)	
34	FCN-744P034-AU/R	50.60 (1.992)	48.20 (1.898)	40.64 (1.600)	

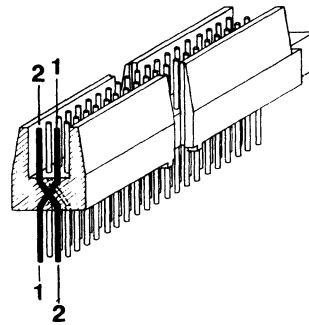
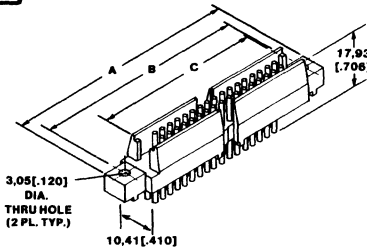
OUTLINE DRAWINGS

6P1



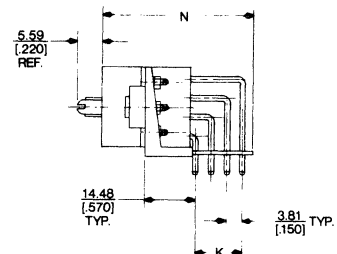
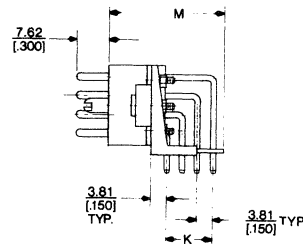
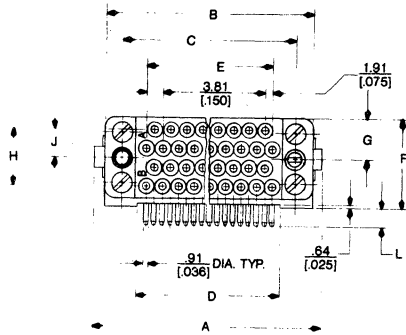
Number of Contacts	Dimension A MM, [IN.]	Dimension B MM, [IN.]	Dimension C MM, [IN.]
10	36,83[1.450]	29,21[1.150]	18,03[.710]
14	41,91[1.650]	34,29[1.350]	23,11[.910]
16	44,45[1.750]	36,83[1.450]	25,65[1.010]
20	49,53[1.950]	41,91[1.650]	30,73[1.210]
26	57,15[2.250]	49,53[1.950]	38,35[1.510]
34	67,31[2.650]	59,69[2.350]	48,51[1.910]
40	74,53[2.950]	67,31[2.650]	56,13[2.210]
50	87,63[3.450]	80,90[3.150]	68,83[2.710]
60	100,33[3.950]	92,71[3.650]	81,53[3.210]

6P2



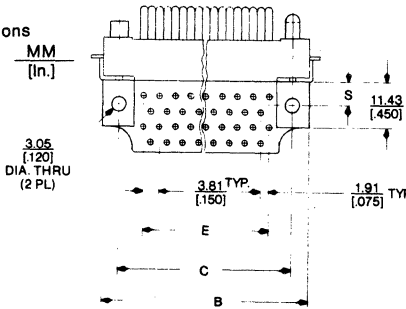
Number of Contacts	Dimension A MM, [IN.]	Dimension B MM, [IN.]	Dimension C MM, [IN.]
10	36,83[1.450]	29,21[1.150]	18,03[.710]
14	41,91[1.650]	34,29[1.350]	23,11[.910]
16	44,45[1.750]	36,83[1.450]	25,65[1.010]
20	49,53[1.950]	41,91[1.650]	30,73[1.210]
26	57,15[2.250]	49,53[1.950]	38,35[1.510]
34	67,31[2.650]	59,69[2.350]	48,51[1.910]
40	74,53[2.950]	67,31[2.650]	56,13[2.210]
50	87,63[3.450]	80,90[3.150]	68,83[2.710]
60	100,33[3.950]	92,71[3.650]	81,53[3.210]

6P4



All Dimensions
Expressed

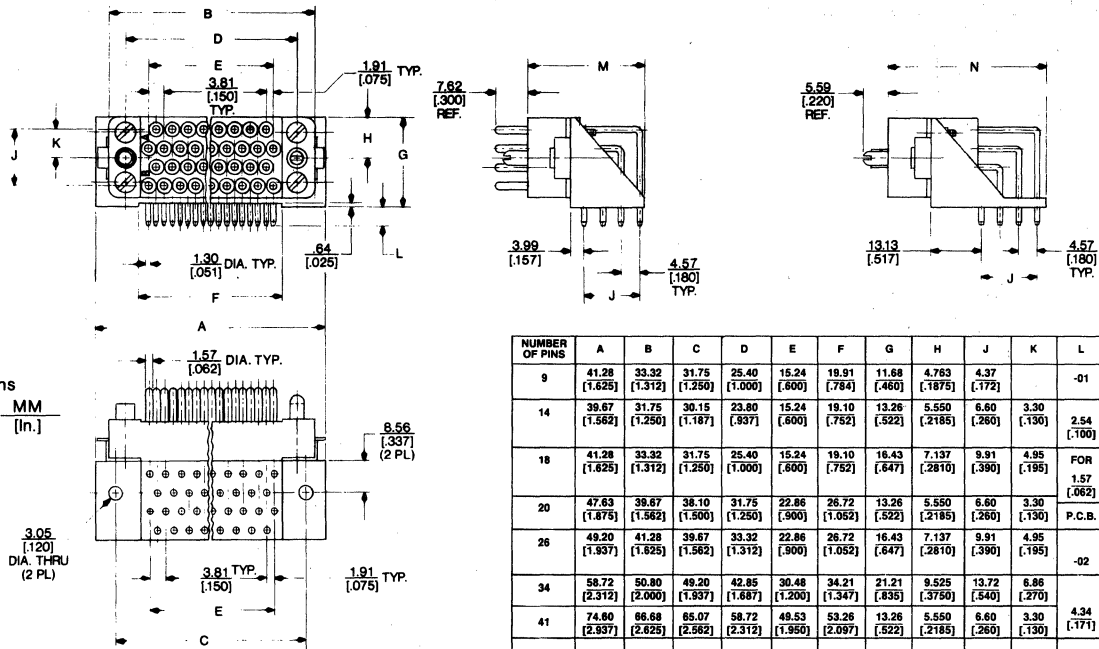
MM
[In.]



NUMBER OF PINS	A	B	C	D	E	F	G	H	J	K	L	M	N	1 P	2	1 R	2	S	T
9	39.42 (1.552)	33.32 (1.312)	25.40 (1.000)	19.91 (.784)	15.24 (.600)	10.97 (.432)	4.763 (.1875)	4.37 (.172)		3.81 (.150)	-01	21.84 (.860)	31.12 (1.225)	4.34 (.171)	5.72 (.225)	10.16 (.400)	8.79 (.346)	6.02 (.237)	2.21 (.087)
14	37.85 (1.490)	31.75 (1.250)	23.80 (.937)	18.10 (.712)	15.24 (.600)	12.52 (.493)	5.550 (.2185)	6.60 (.260)	3.30 (.130)	7.62 (.300)	2.54 (.100)	24.26 (.955)	34.83 (1.375)	3.56 (.140)	5.72 (.225)	10.92 (.430)	8.78 (.345)	6.02 (.237)	2.21 (.087)
18	39.42 (1.552)	33.32 (1.312)	25.40 (1.000)	19.10 (.752)	15.24 (.600)	15.72 (.619)	7.137 (.2810)	9.91 (.390)	4.95 (.195)	11.43 (.450)	1.57 (.062)	28.07 (1.105)	38.74 (1.525)	3.56 (.140)	5.72 (.225)	10.92 (.430)	8.76 (.345)	6.02 (.237)	2.21 (.087)
20	45.77 (1.802)	39.67 (1.562)	31.75 (1.250)	26.72 (1.052)	22.86 (.900)	12.52 (.493)	5.550 (.2185)	6.60 (.260)	3.30 (.130)	7.62 (.300)	P.C.B.	24.26 (.955)	34.93 (1.375)	3.56 (.140)	5.72 (.225)	10.92 (.430)	8.76 (.345)	6.02 (.237)	2.21 (.087)
26	47.37 (1.865)	41.28 (1.625)	33.32 (1.312)	26.72 (1.052)	22.86 (.900)	15.72 (.619)	7.137 (.2810)	9.91 (.390)	4.95 (.195)	11.43 (.450)	-02	28.07 (1.105)	38.74 (1.525)	3.56 (.140)	5.72 (.225)	10.92 (.430)	8.76 (.345)	6.02 (.237)	2.21 (.087)
34	56.90 (2.240)	50.80 (2.000)	42.85 (1.687)	34.21 (1.347)	30.48 (1.200)	20.50 (.807)	9.525 (.3750)	13.72 (.540)	6.86 (.270)	11.43 (.450)	4.34 (.171)	28.07 (1.105)	38.74 (1.525)	6.10 (.240)		8.38 (.330)		8.33 (.328)	4.52 (.178)
41	72.77 (2.865)	66.68 (2.625)	58.72 (2.312)	53.26 (2.097)	49.53 (1.950)	12.52 (.493)	5.550 (.2185)	6.60 (.260)	3.30 (.130)	7.62 (.300)	FOR	24.26 (.955)	34.93 (1.375)	3.56 (.140)	5.72 (.225)	10.92 (.430)	8.76 (.345)	6.02 (.237)	2.21 (.087)
42	64.82 (2.552)	58.72 (2.312)	50.80 (2.000)	41.76 (1.644)	38.10 (1.500)	20.50 (.807)	9.525 (.375)	13.72 (.540)	6.86 (.270)	11.43 (.450)	3.18 (.125)	28.07 (1.105)	38.74 (1.525)	6.10 (.240)		8.38 (.330)		8.33 (.328)	4.52 (.178)
50	75.13 (2.958)	69.04 (2.718)	57.96 (2.282)	49.28 (1.940)	45.72 (1.800)	20.50 (.807)	9.525 (.375)	13.72 (.540)	6.86 (.270)	11.43 (.450)	P.C.B.	28.07 (1.105)	38.74 (1.525)	6.10 (.240)		8.38 (.330)		8.33 (.328)	4.52 (.178)

OUTLINE DRAWINGS

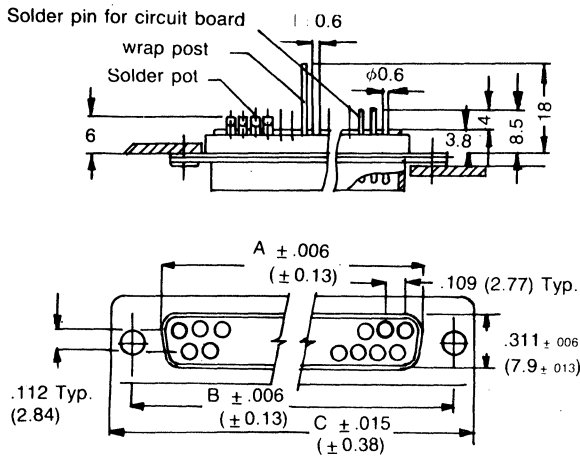
6P3



All Dimensions Expressed MM [In.]

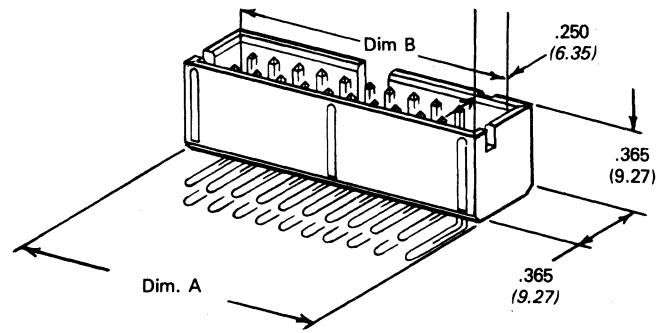
NUMBER OF PINS	A	B	C	D	E	F	G	H	J	K	L	M	N
9	41.28 [1.625]	33.32 [1.312]	31.75 [1.250]	25.40 [1.000]	15.24 [0.600]	19.91 [0.784]	11.68 [0.460]	4.763 [0.1875]	4.37 [0.172]		-01	21.13 [0.832]	30.53 [1.202]
14	39.67 [1.562]	31.75 [1.250]	30.15 [1.187]	23.80 [0.937]	15.24 [0.600]	19.10 [0.752]	13.26 [0.522]	5.550 [0.2185]	6.80 [0.260]	3.30 [0.130]	2.54 [0.100]	25.70 [1.012]	35.10 [1.382]
18	41.28 [1.625]	33.32 [1.312]	31.75 [1.250]	25.40 [1.000]	15.24 [0.600]	19.10 [0.752]	16.43 [0.647]	7.137 [0.2810]	9.91 [0.390]	4.95 [0.195]	FOR 1.57 [0.062]	30.28 [1.192]	39.67 [1.562]
20	47.63 [1.875]	39.67 [1.562]	38.10 [1.500]	31.75 [1.250]	22.86 [0.900]	26.72 [1.052]	13.26 [0.522]	5.550 [0.2185]	6.80 [0.260]	3.30 [0.130]	P.C.B.	25.70 [1.012]	35.10 [1.382]
26	49.20 [1.937]	41.28 [1.625]	39.67 [1.562]	33.32 [1.312]	22.86 [0.900]	26.72 [1.052]	16.43 [0.647]	7.137 [0.2810]	9.91 [0.390]	4.95 [0.195]	-02	30.28 [1.192]	39.67 [1.562]
34	58.72 [2.312]	50.80 [2.000]	49.20 [1.937]	42.85 [1.687]	30.48 [1.200]	34.21 [1.347]	21.21 [0.835]	9.525 [0.3750]	13.72 [0.540]	6.86 [0.270]	FOR 3.18 [0.125]	30.28 [1.192]	39.67 [1.562]
41	74.60 [2.937]	66.68 [2.625]	65.07 [2.562]	58.72 [2.312]	49.53 [1.950]	53.26 [2.097]	32.26 [1.269]	5.550 [0.2185]	6.80 [0.260]	3.30 [0.130]	4.34 [0.171]	25.70 [1.012]	35.10 [1.382]
42	66.68 [2.625]	58.72 [2.312]	57.15 [2.250]	50.80 [2.000]	38.10 [1.500]	41.76 [1.644]	21.21 [0.835]	9.525 [0.3750]	13.72 [0.540]	6.86 [0.270]	P.C.B.	30.28 [1.192]	39.67 [1.562]
50	73.84 [2.907]	69.04 [2.718]	64.31 [2.532]	57.96 [2.282]	45.72 [1.800]	49.28 [1.940]	21.21 [0.835]	9.525 [0.3750]	13.72 [0.540]	6.86 [0.270]	FOR 3.18 [0.125]	30.28 [1.192]	39.67 [1.562]

9P1

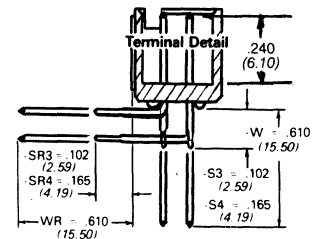


No. of Contact Pos. (Shell Size)	Dimensions		
	A	B	C
9P	.666 16.92	.984 24.99	1.213 30.81
15P	.994 25.25	1.312 33.32	1.541 39.14
25P	1.535 36.96	1.852 47.04	2.068 53.04
37P	2.182 55.42	2.500 63.5	2.729 69.32
50P	2.177 55.3	2.41 61.2	2.65 63.5

107P1

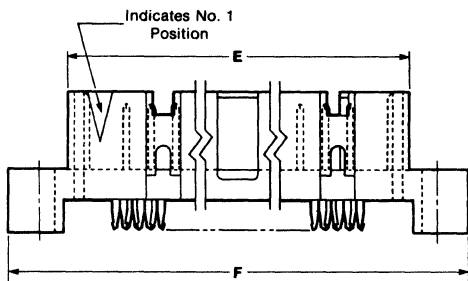
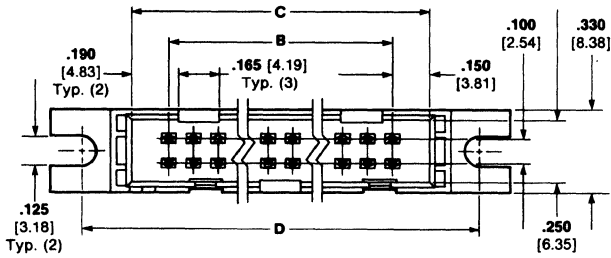
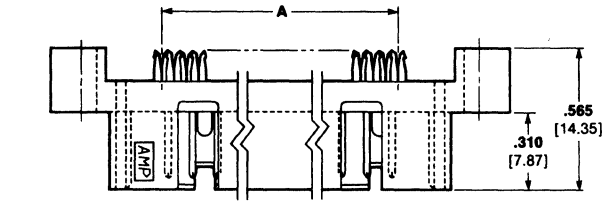


Tabulations		
No. of Contacts	Dim. A Inches (mm)	Dim. B Inches (mm)
10	.800 (20.32)	.700 (17.78)
14	1.000 (25.40)	.900 (22.86)
16	1.100 (27.94)	1.000 (25.40)
20	1.300 (32.02)	1.200 (30.48)
26	1.600 (40.64)	1.500 (38.10)
34	2.000 (50.80)	1.900 (48.26)
40	2.300 (58.42)	2.200 (55.88)
50	2.800 (70.72)	2.700 (68.58)
60	3.300 (83.82)	3.200 (81.28)

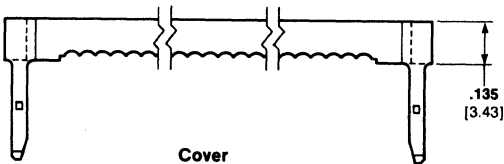
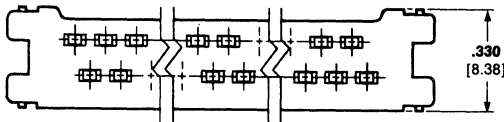


OUTLINE DRAWINGS

29P30

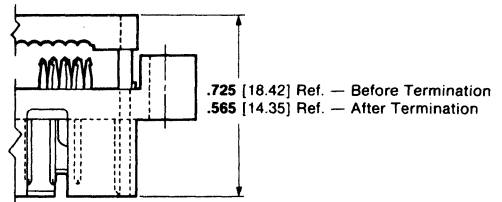


Housing Assembly

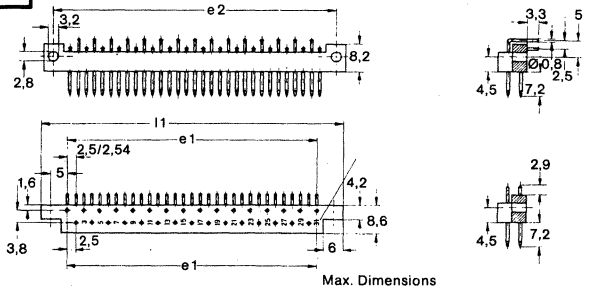


Cover

No. of Pos.	Dimensions					
	A	B	C	D	E	F
10	.450 11.43	.400 10.16	.700 17.78	1.106 28.09	.872 22.15	1.356 34.44
14	.650 16.51	.600 15.24	.900 22.86	1.306 33.17	1.072 27.23	1.556 39.52
16	.750 19.05	.700 17.78	1.000 25.4	1.506 38.25	1.272 32.31	1.756 44.6
20	.950 24.13	.900 22.86	1.100 27.94	1.606 40.79	1.372 34.85	1.856 47.14
24	1.150 29.21	1.100 27.94	1.300 33.02	1.806 45.87	1.572 39.93	2.056 52.22
26	1.250 31.75	1.200 30.48	1.400 35.56	1.906 48.41	1.672 42.47	2.156 54.76
30	1.450 36.83	1.400 35.56	1.600 40.64	2.106 53.49	1.872 47.55	2.356 59.84
34	1.650 41.91	1.600 40.64	1.800 45.72	2.306 58.57	2.072 52.63	2.556 64.92
40	1.950 49.53	1.900 48.26	2.100 53.35	2.606 66.19	2.372 60.25	2.856 72.54
44	2.150 54.61	2.100 53.35	2.300 58.42	2.806 71.27	2.572 65.33	3.056 77.62
50	2.450 62.23	2.400 60.96	2.600 66.04	3.106 78.89	2.872 72.95	3.356 85.24
60	2.950 74.93	2.900 73.66	3.100 78.74	3.606 91.59	3.372 85.65	3.856 97.94
64	3.150 80.01	3.100 78.74	3.300 83.82	3.806 96.67	3.572 90.73	4.056 103.02



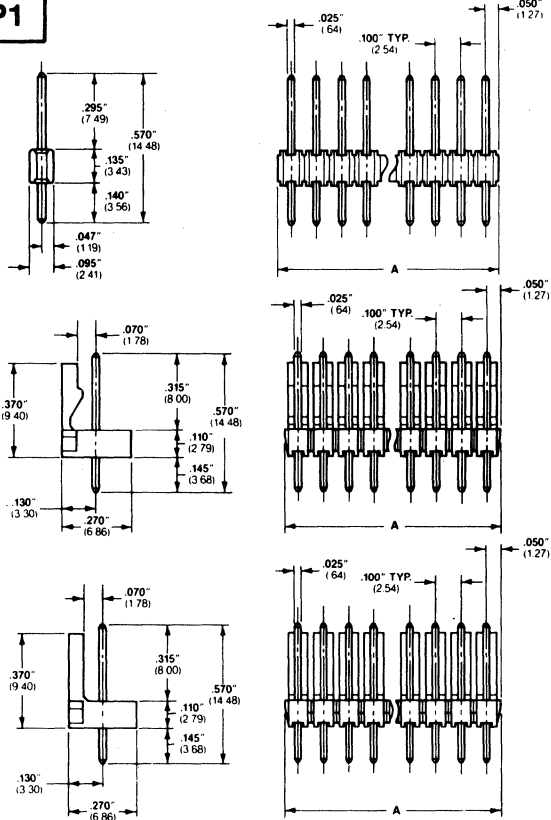
79P2



Contacts	L 1	e 1	e 2
13	45,8	30	40
21	85,8	50	60
31	90,8	75	85

OUTLINE DRAWINGS

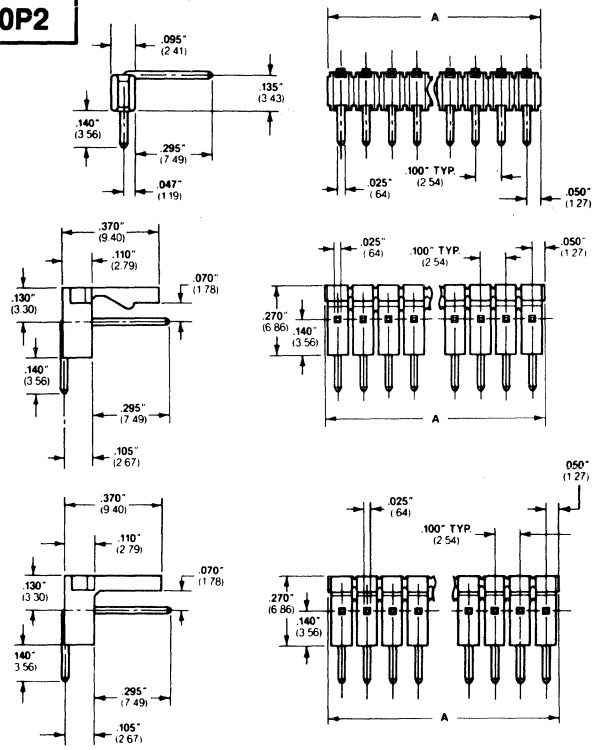
10P1



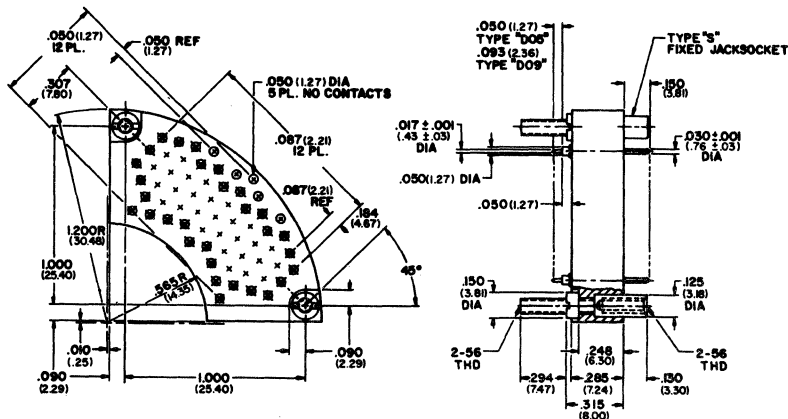
NO. OF CIRCUITS	A DIM. INCHES (mm)
2	.200 (5.08)
3	.300 (7.62)
4	.400 (10.16)
5	.500 (12.70)
6	.600 (15.24)
7	.700 (17.78)
8	.800 (20.32)
9	.900 (22.86)
10	1.000 (25.40)
11	1.100 (27.94)
12	1.200 (30.48)
13	1.300 (33.02)
14	1.400 (35.56)
15	1.500 (38.10)
16	1.600 (40.64)
17	1.700 (43.18)
18	1.800 (45.72)
19	1.900 (48.26)
20	2.000 (50.80)
21	2.100 (53.34)
22	2.200 (55.88)
23	2.300 (58.42)
24	2.400 (60.96)
25	2.500 (63.50)
26	2.600 (66.04)
27	2.700 (68.58)
28	2.800 (71.12)
29	2.900 (73.66)
30	3.000 (76.20)
31	3.100 (78.74)
32	3.200 (81.28)
33	3.300 (83.82)
34	3.400 (86.36)
35	3.500 (88.90)
36	3.600 (91.44)

NO. OF CIRCUITS	A DIM. INCHES (mm)
2	.312 (7.92)
3	.468 (11.89)
4	.624 (15.85)
5	.780 (19.81)
6	.936 (23.77)
7	1.092 (27.74)
8	1.248 (31.70)
9	1.404 (35.66)
10	1.560 (39.62)
11	1.716 (43.59)
12	1.872 (47.55)
13	2.028 (51.51)
14	2.184 (55.47)
15	2.340 (59.44)
16	2.496 (63.40)
17	2.652 (67.36)
18	2.808 (71.32)
19	2.964 (75.29)
20	3.120 (79.25)
21	3.276 (83.21)
22	3.432 (87.17)
23	3.588 (91.13)
24	3.744 (95.09)

10P2



20P12



OUTLINE DRAWINGS

10P3

NO. OF CIRCUITS	A DIM. INCHES (mm)
2	.200 (5.08)
3	.300 (7.62)
4	.400 (10.16)
5	.500 (12.70)
6	.600 (15.24)
7	.700 (17.78)
8	.800 (20.32)
9	.900 (22.86)
10	1.000 (25.40)
11	1.100 (27.94)
12	1.200 (30.48)
13	1.300 (33.02)
14	1.400 (35.56)
15	1.500 (38.10)
16	1.600 (40.64)
17	1.700 (43.18)
18	1.800 (45.72)
19	1.900 (48.26)
20	2.000 (50.80)
21	2.100 (53.34)
22	2.200 (55.88)
23	2.300 (58.42)
24	2.400 (60.96)
25	2.500 (63.50)
26	2.600 (66.04)
27	2.700 (68.58)
28	2.800 (71.12)

NO. OF CIRCUITS	A DIM. INCHES (mm)
2	.312 (7.92)
3	.466 (11.80)
4	.624 (15.85)
5	.780 (19.81)
6	.936 (23.77)
7	1.092 (27.74)
8	1.248 (31.70)
9	1.404 (35.66)
10	1.560 (39.62)
11	1.716 (43.59)
12	1.872 (47.55)
13	2.028 (51.51)
14	2.184 (55.47)
15	2.340 (59.44)
16	2.496 (63.40)
17	2.652 (67.36)
18	2.808 (71.32)
19	2.964 (75.29)
20	3.120 (79.25)
21	3.276 (83.21)
22	3.432 (87.17)
23	3.588 (91.13)
24	3.744 (95.09)

10P4

38P4

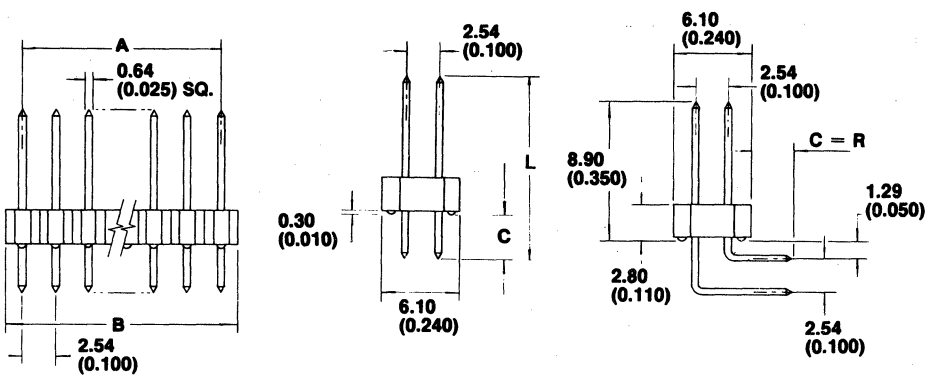
Dimensions

5547 - Dual Row

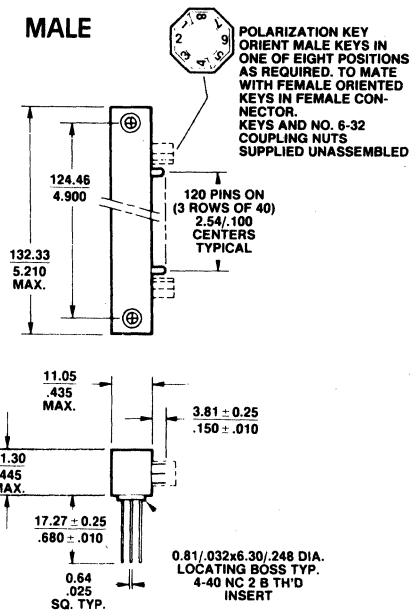
Ckts.	Dim. A	Dim. B	Ckts.	Dim. A	Dim. B	Ckts.	Dim. A	Dim. B	Ckts.	Dim. A	Dim. B
4	2.54	4.88	12	12.70	15.04	20	22.86	25.20	28	33.02	35.36
	.100	.192		.500	.592		.900	.982		1.300	1.392
6	5.08	7.42	14	15.24	17.58	22	25.40	27.74	30	35.56	37.90
	.200	.392		.600	.692		1.000	1.092		1.400	1.492
8	7.62	9.96	16	17.78	20.12	24	27.94	30.28	32	38.10	40.44
	.300	.392		.700	.792		1.100	1.192		1.500	1.592
10	10.16	12.50	18	20.32	22.66	26	30.48	32.82	34	40.64	42.98
	.400	.492		.800	.892		1.200	1.292		1.600	1.692

OUTLINE DRAWINGS

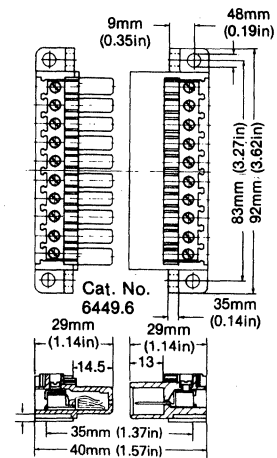
11P5



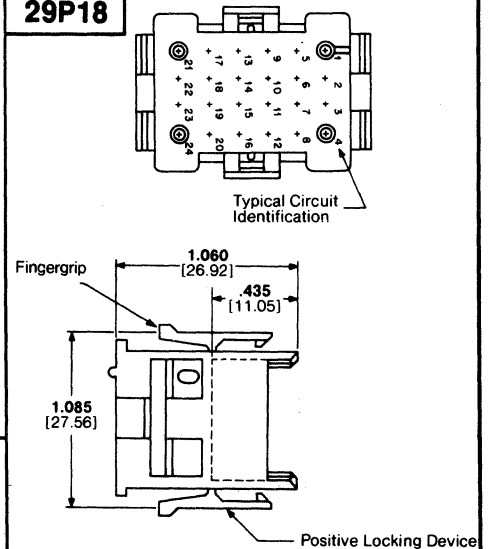
MALE



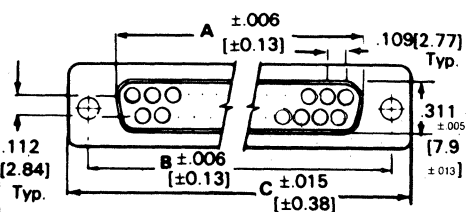
72P2



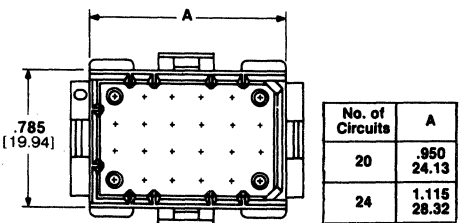
29P18



31P7



PLUG (MALE)			
No. of Contact Pos. (Shell Size)	Dimensions		
	A	B	C
9	.666	.984	1.213
(1)	16.92	24.99	30.81
(15)	994	1.312	1.541
(2)	25.25	33.32	39.14
25	1.535	1.852	2.068
(3)	36.96	47.04	53.04
37	2.182	2.500	2.729
(4)	55.42	63.5	69.32



No. of Circuits	A
20	.950 24.13
24	1.115 28.32

OUTLINE DRAWINGS

11P4

FIG. 1

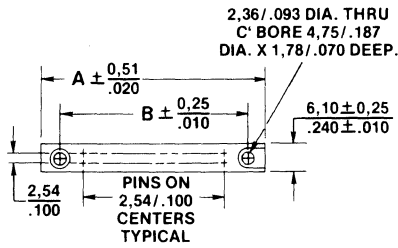


FIG. 3

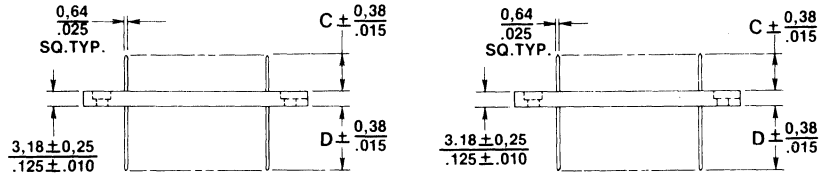
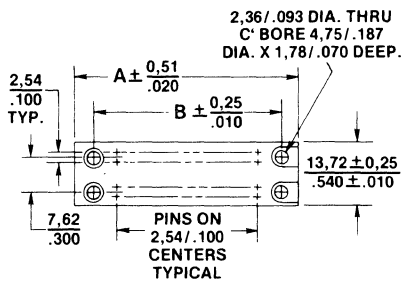


FIG. 2



Dimensions specified in	
MILLIMETER	MILLIMETER/INCH
Tolerance ± 0,13 / .005	

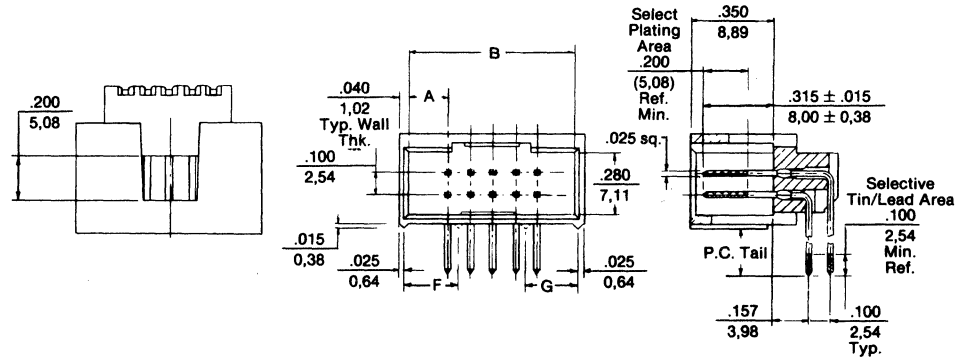
DIMENSIONS FIG. 1

No. of pins	A	B	C	D
26	48,26 1,900	40,64 1,600	8,13 .320	14,35 .565
			6,35 .250	13,92 .548
34	58,42 2,300	50,80 2,000	8,13 .320	14,35 .565
			6,10 .240	13,92 .548
40	66,04 2,600	58,42 2,300	8,13 .320	14,35 .565
			6,10 .240	13,92 .548

DIMENSIONS FIG. 2

No. of pins	A	B	C	D
26	48,26 1,900	40,64 1,600	8,13 .320	14,35 .565
			6,35 .250	13,92 .548

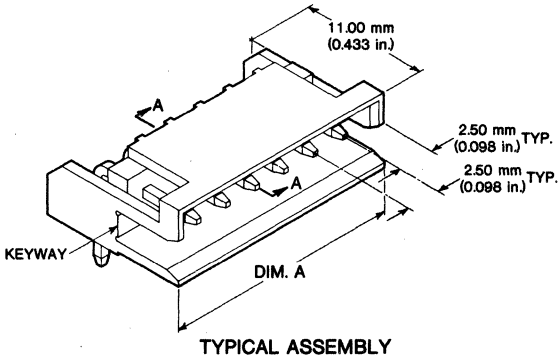
38P3



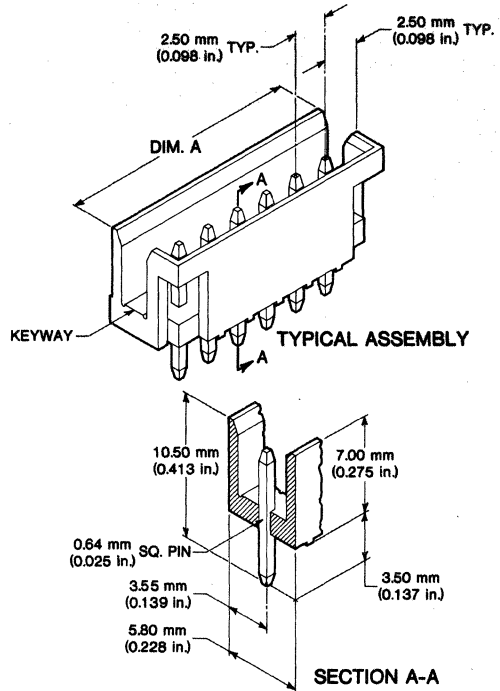
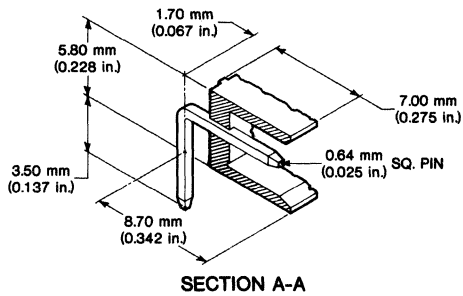
MATES WITH MOLEX 40312, 4700 SERIES, AND 70013							
Dim. A		Dim. F		Dim. B		Dim. B	
.150 3,81		.174 4,42					
Circuits	Dim. B	Circuits	Dim. B	Circuits	Dim. B	Circuits	Dim. B
6	.500 12,70	24	1.400 35,56	42	2.300 58,42	58	3.100 78,74
8	.600 15,24	26	1.500 38,10	44	2.400 60,96	60	3.200 81,28
10	.700 17,78	28	1.600 40,64	46	2.500 63,50	62	3.300 83,82
12	.800 20,32	30	1.700 43,18	48	2.600 66,04	64	3.400 86,36
14	.900 22,86	32	1.800 45,72	50	2.700 68,58	66	3.500 88,90
16	1.000 25,40	34	1.900 48,26	52	2.800 71,12	68	3.600 91,44
18	1.100 27,94	36	2.000 50,80	54	2.900 73,66	70	3.700 93,98
20	1.200 30,48	38	2.100 53,34	56	3.000 76,20	72	3.800 96,52
22	1.300 33,02	40	2.200 55,88				

OUTLINE DRAWINGS

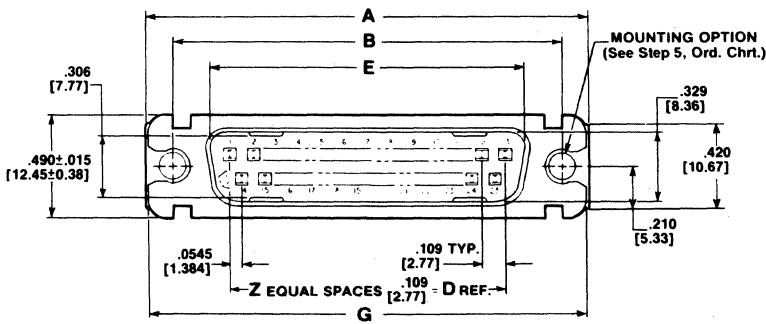
12P1



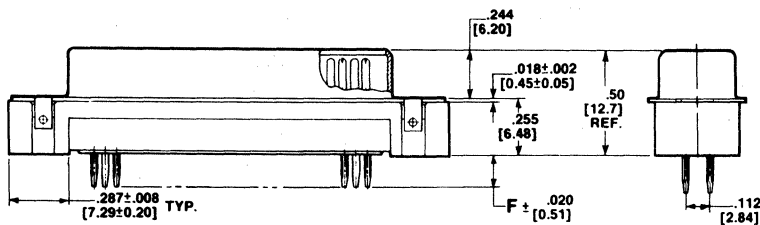
NO. OF POS.	DIMENSION A	
	mm	in.
2	7.5	0.295
3	10.0	0.393
4	12.5	0.492
5	15.0	0.590
6	17.5	0.688
7	20.0	0.787
8	22.5	0.885
9	25.0	0.984
10	27.5	1.082
11	30.0	1.181
12	32.5	1.279
13	35.0	1.377
14	37.5	1.476
15	40.0	1.574
16	42.5	1.673
17	45.0	1.771
18	47.5	1.870
19	50.0	1.968
20	52.5	2.066



14P1

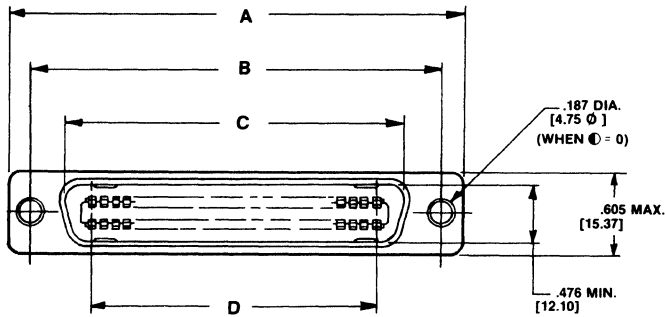


NO.	A ±.006	B	C	D	E	F	G ±.015	Y	Z
09	1.222 (31.04)	.864 (24.99)	.327 (8.31)	.438 (11.07)	.843 (21.33)	.170 (4.32)	1.213 (30.81)	3	4
15	1.550 (39.37)	1.312 (33.32)	.854 (21.61)	.793 (19.39)	.971 (24.66)		1.541 (39.14)	6	7
25	2.090 (53.09)	1.852 (47.04)	1.199 (30.45)	1.308 (33.22)	1.511 (38.38)	.170 (4.32)	2.088 (53.04)	11	12
37	2.738 (69.55)	2.500 (63.50)	1.853 (47.07)	1.962 (49.83)	2.159 (54.84)		2.729 (69.32)	17	18

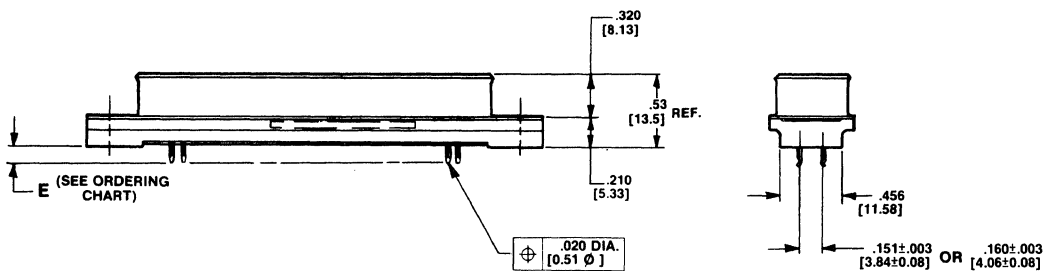


OUTLINE DRAWINGS

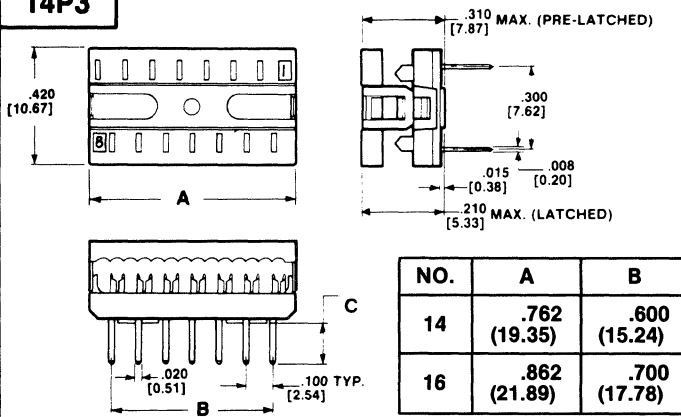
14P2



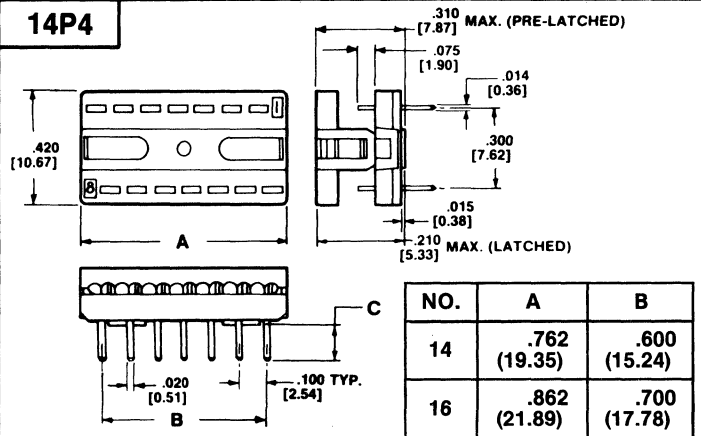
NO.	A	B	C	D
24	2.165 (54.99)	1.842 (46.79)	1.437 (36.50)	.935 (23.75)
36	2.675 (67.95)	2.352 (59.74)	1.938 (49.23)	1.445 (36.70)
50	3.270 (83.06)	2.947 (74.85)	2.538 (64.47)	2.040 (51.82)



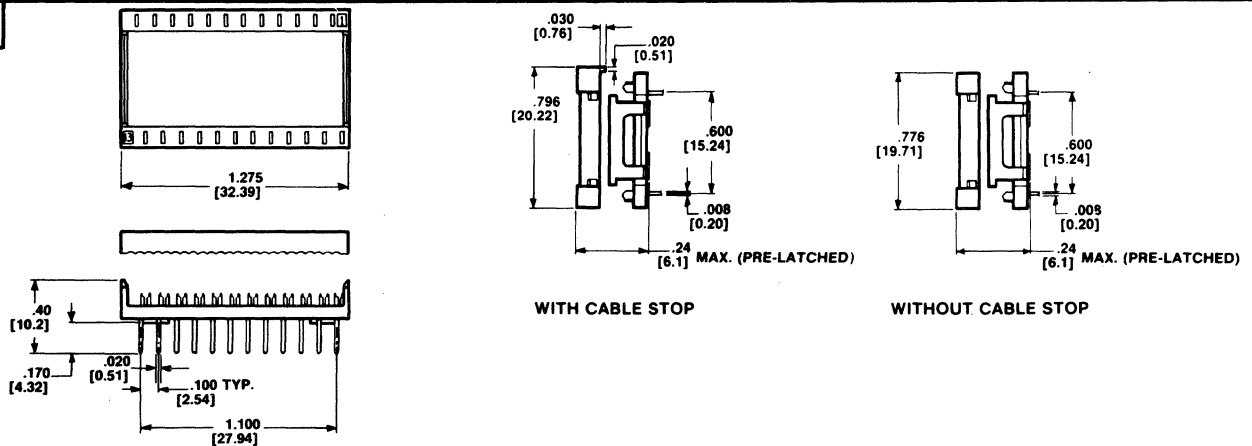
14P3



14P4

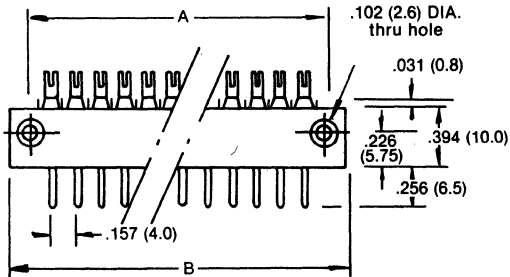


14P5



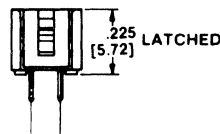
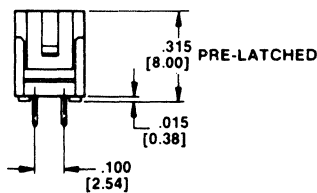
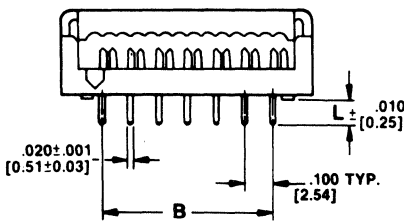
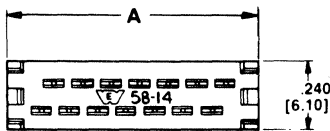
OUTLINE DRAWINGS

62P9



A Dim.	B Dim.
.906 (23.0)	1.181 (30.0)
1.693 (43.0)	1.969 (50.0)
2.638 (67.0)	2.913 (74.0)
3.582 (91.0)	3.857 (98.0)

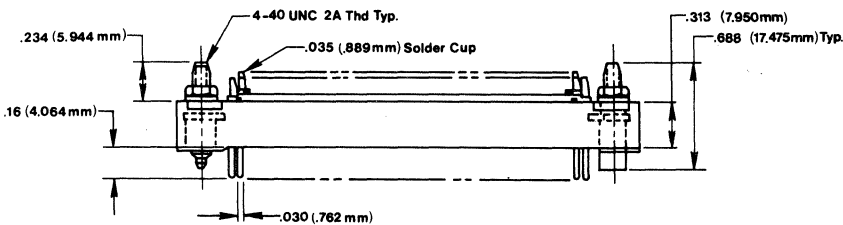
14P6



NO.	A	B
-10-	.680 (17.27)	.400 (10.16)
-14-	.880 (22.35)	.600 (15.24)
-16-	.980 (24.89)	.700 (17.78)
-20-	1.180 (29.97)	.900 (22.86)
-26-	1.480 (37.59)	1.200 (30.48)
-34-	1.880 (47.75)	1.600 (40.64)
-40-	2.180 (55.37)	1.900 (48.26)
-50-	2.880 (68.07)	2.400 (60.96)
-60-	3.180 (80.77)	2.900 (73.66)
-64-	3.380 (85.85)	3.100 (78.74)

14P20

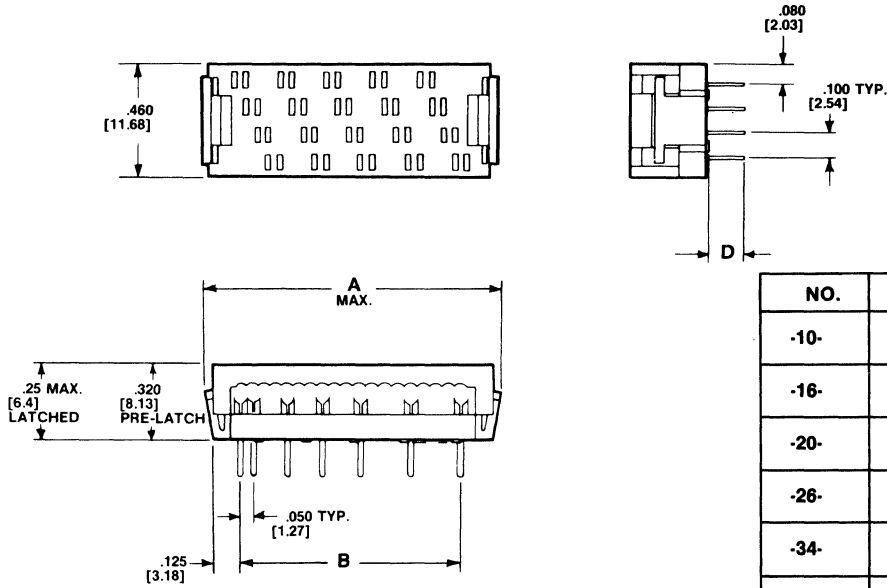
Plug Connector



NO.	A	B REF.	C	D REF.	E	F	G
09	3	.326 (8.28)	4	.435 (11.04)	.984 (25.00)	.646 (16.40) .855 (21.46) (16.90)	1.200 (31.00)
15	6	.852 (21.56)	7	.761 (19.32)	1.311 (33.30)	.972 (24.70) .992 (25.20)	1.547 (39.30)
25	11	1.195 (30.36)	12	1.304 (33.12)	1.850 (47.00)	1.512 (38.40) 1.531 (38.90)	2.087 (53.00)
37	17	1.847 (46.82)	18	1.956 (49.68)	2.500 (63.50)	2.161 (54.90) 2.181 (55.40)	2.738 (69.50)

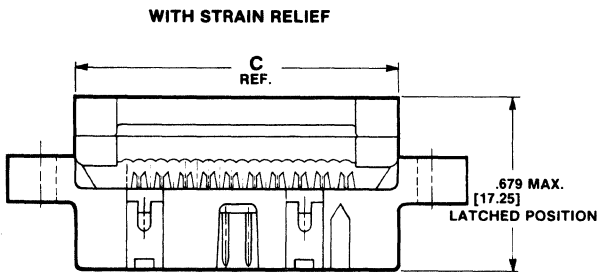
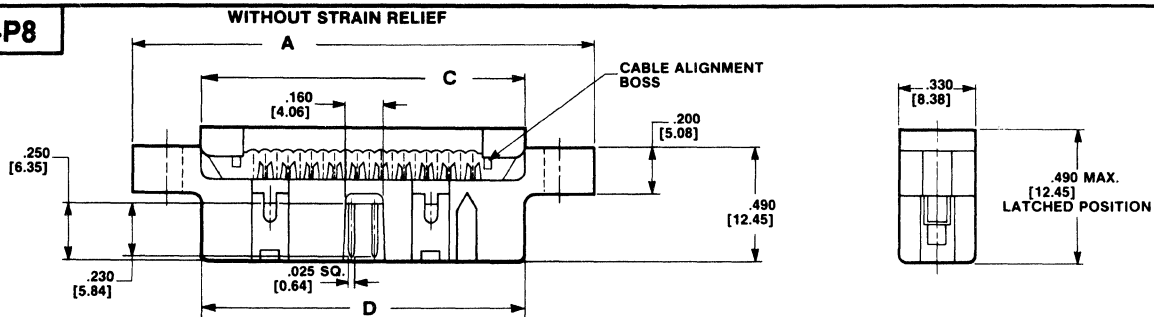
OUTLINE DRAWINGS

14P7

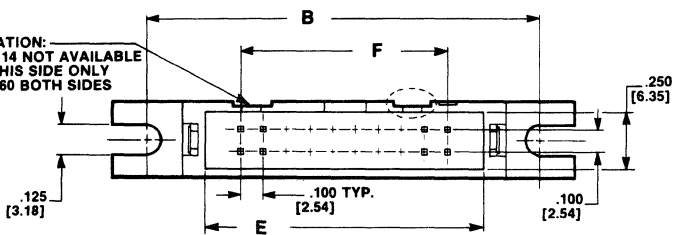


NO.	A	B	C
-10-	.751 Max. (19.08)	.450 (11.43)	.74 (18.8)
-16-	1.051 Max. (26.70)	.750 (19.05)	1.04 (26.4)
-20-	1.251 Max. (31.78)	.950 (24.13)	.124 (31.5)
-26-	1.551 Max. (39.40)	1.250 (31.75)	1.54 (39.1)
-34-	1.951 Max. (49.56)	1.650 (41.91)	1.94 (49.3)
-40-	2.251 Max. (57.18)	1.950 (49.53)	2.24 (56.9)
-50-	2.751 Max. (69.88)	2.450 (62.23)	2.74 (69.6)
-60-	3.251 Max. (82.58)	2.950 (74.93)	3.24 (82.3)

14P8



POLARIZATION:
SIZES 10, 14 NOT AVAILABLE
SIZE 16 THIS SIDE ONLY
SIZES 20-60 BOTH SIDES

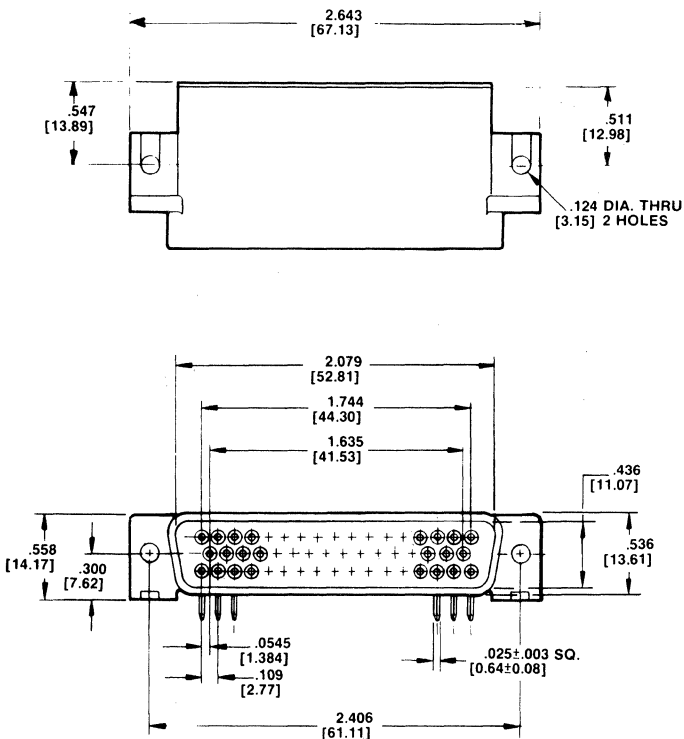


Dimensions

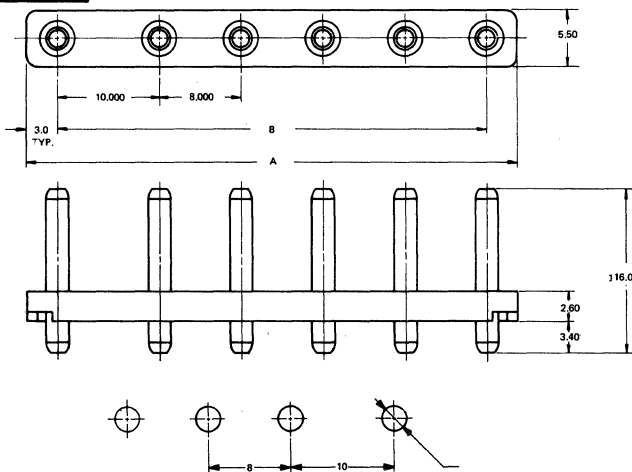
A	B	C	D	E	F
1.500 [38.10]	1.200 [30.48]	.890 [22.61]	.900 [22.86]	.710 [18.03]	.400 [10.16]
1.700 [43.18]	1.400 [35.56]	1.090 [27.69]	1.100 [27.94]	.910 [23.11]	.600 [15.24]
1.800 [45.72]	1.500 [38.10]	1.190 [30.23]	1.200 [30.48]	1.010 [25.65]	.700 [17.78]
2.000 [50.80]	1.700 [43.18]	1.390 [35.31]	1.400 [35.56]	1.210 [30.73]	.900 [22.86]
2.300 [58.42]	2.000 [50.80]	1.690 [42.93]	1.700 [43.18]	1.510 [38.35]	1.200 [30.48]
2.700 [68.58]	2.400 [60.96]	2.090 [53.09]	2.100 [53.34]	1.910 [48.51]	1.600 [40.64]
3.000 [76.20]	2.700 [68.58]	2.390 [60.71]	2.400 [60.96]	2.210 [56.13]	1.900 [48.26]
3.500 [88.90]	3.200 [81.28]	2.890 [73.41]	2.900 [73.66]	2.710 [68.83]	2.400 [60.96]
4.000 [101.60]	3.700 [93.98]	3.390 [86.11]	3.400 [86.36]	3.210 [81.53]	2.900 [73.66]

OUTLINE DRAWINGS

14P10

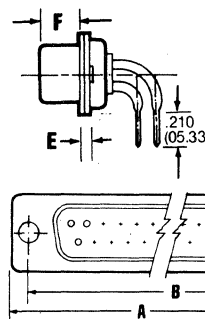


56P3



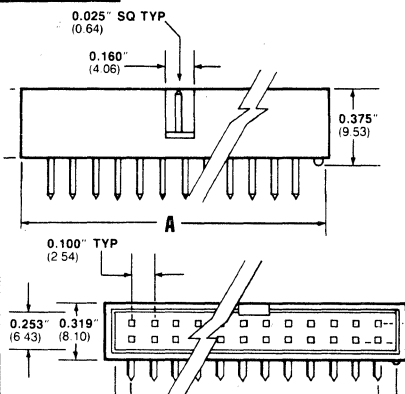
CIRCUITS	PART NO.	DIMENSION	
		A	B
2	1086P02	16.00	10.00
3	1086P03	24.00	18.00
4	1086P04	32.00	26.00
5	1086P05	40.00	34.00
6	1086P06	48.00	42.00

55P2



PINS	A	B	C	E	F
9	1.213 30.81	.984 24.99	.94 23.55	.030 0.76	.235 5.97
15	1.541 39.14	1.312 33.32	.494 12.55	.030 0.76	.235 5.97
25	2.088 53.04	1.852 47.04	.494 12.55	.039 0.99	.230 5.84
37	2.729 69.32	2.500 63.50	.494 12.55	.039 0.99	.230 5.84
50	2.635 66.93	2.406 61.11	.605 15.37	.039 0.99	.230 5.84

55P7

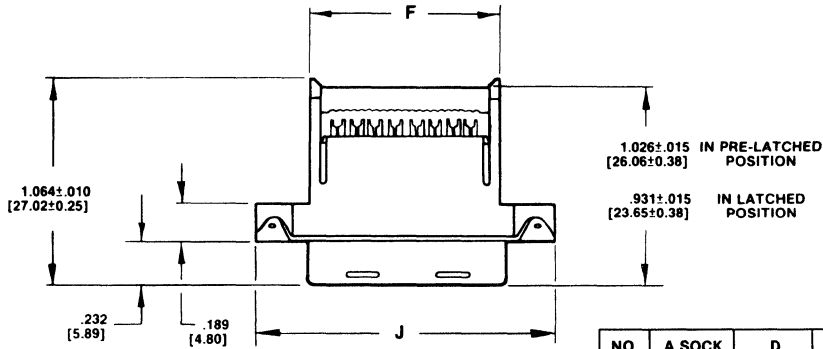


No. of Pins	A
10	0.800" [20.32]
14	1.000" [25.40]
16	1.100" [27.94]
20	1.300" [33.02]
26	1.500" [38.14]
34	2.000" [50.80]
40	2.300" [58.42]
*44	2.500" [63.50]
50	2.800" [71.12]
*56	3.100" [78.74]
60	3.300" [82.82]
*64	3.500" [88.90]

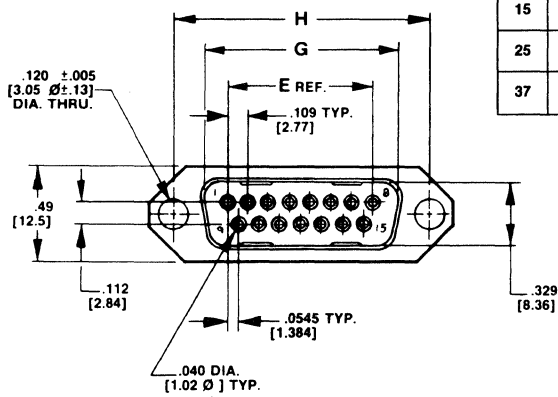
DIMENSIONS

OUTLINE DRAWINGS

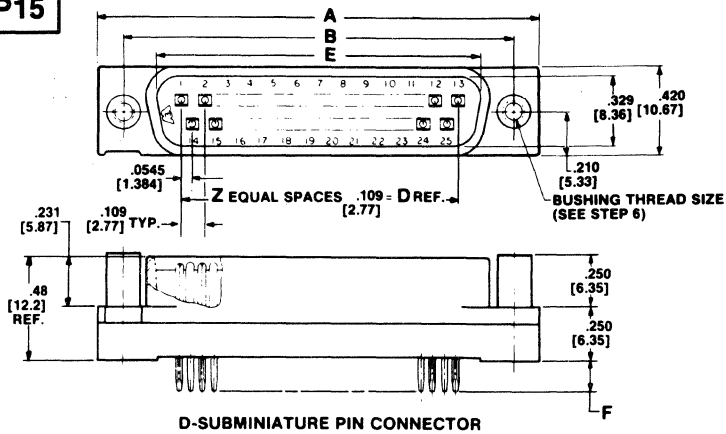
14P13



NO.	A SOCK	D	E	F	G PIN	H	J	K
09	.653 (16.33)	.806 (20.47)	.436 (11.07)	.630 (16.00)	.666 (16.92)	.983 (24.99)	1.216 (30.89)	.746 (18.95)
15	.971 (24.66)	1.134 (28.80)	.763 (19.38)	.957 (24.31)	.994 (25.25)	1.312 (33.32)	.1544 (39.22)	1.073 (27.25)
25	1.511 (38.38)	1.674 (42.52)	1.308 (33.22)	1.502 (38.15)	1.534 (38.96)	1.852 (47.04)	2.084 (52.93)	1.618 (41.10)
37	2.159 (54.84)	2.322 (58.98)	1.962 (49.83)	2.156 (54.76)	2.182 (55.42)	2.500 (63.50)	2.732 (69.39)	2.272 (57.71)

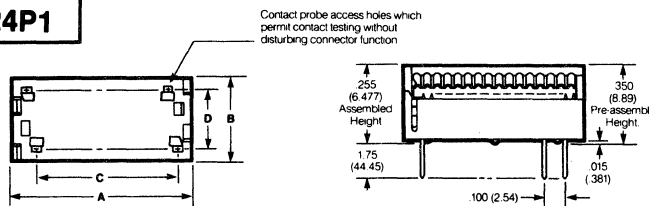


14P15



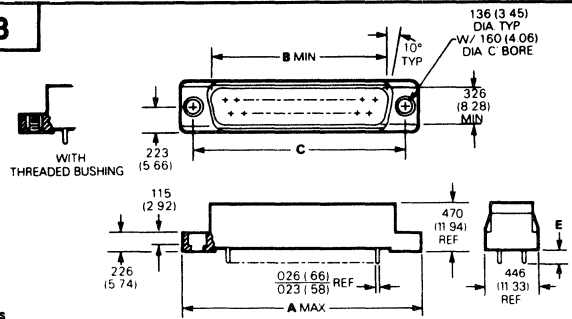
NO.	A	B	C	D	E	F	Y	Z
09	1.222 (31.04)	.984 (24.99)	.327 (8.31)	.436 (11.07)	.640 (16.26) .666 (16.92)	.125" (FOR .062" THICK P.C. BOARD)	3	4
15	1.550 (39.37)	1.312 (33.32)	.654 (16.61)	.763 (19.38)	.988 (24.59) .994 (25.25)		6	7
25	2.090 (53.09)	1.852 (47.04)	1.199 (30.45)	1.308 (33.22)	1.508 (38.30) 1.534 (38.96)	.170" (FOR .093" & .125" THICK P.C. BOARD)	11	12
37	2.738 (69.55)	2.500 (63.50)	1.853 (47.07)	1.962 (49.83)	2.156 (54.76) 2.182 (55.42)		17	18

24P1



No. of Contacts	A		B		C		D	
	in.	mm	in.	mm	in.	mm	in.	mm
8	.475	12.07	.400	10.16	.300	7.62	.300	7.62
14	.775	19.69	.400	10.16	.600	15.29	.300	7.62
16	.875	22.23	.400	10.16	.700	17.78	.300	7.62
18	.975	24.77	.400	10.16	.800	20.32	.300	7.62
22	1.175	29.85	.500	12.70	1.000	25.40	.400	10.16
24	1.275	32.39	.700	17.78	1.100	27.99	.600	15.24
40	2.075	52.71	.700	17.78	1.900	48.26	.600	15.24

24P3

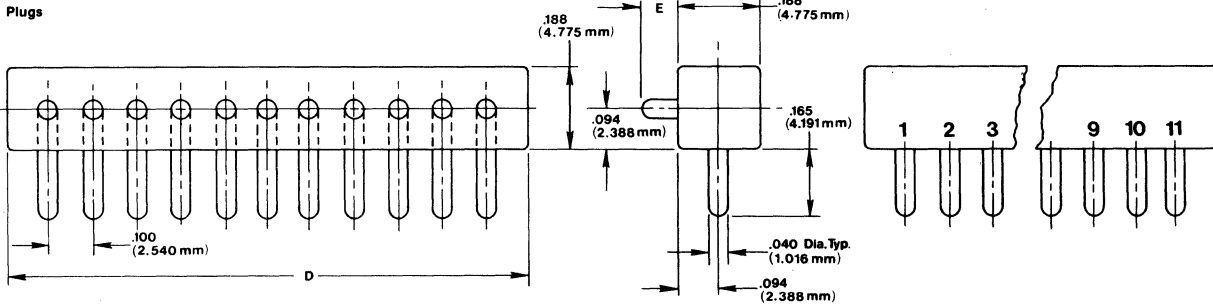


Dimensions

Contact Size	A		B		B Max		C		D		E For PCB		L Max	
	in.	mm	in.	mm	Socket	Straight	in.	mm	in.	mm	in.	mm	in.	mm
8	1.178	30.94	.885	16.44	.647	16.43	.884	24.99	.615	15.62	.125	3.18	1.324	33.63
15	1.547	39.29	.982	25.20	.925	24.77	1.317	33.32	.947	23.93	.125	3.18	1.651	41.84
25	2.085	53.06	1.131	28.89	1.137	28.53	1.852	47.04	1.480	37.86	.125	3.18	2.194	55.73
37	2.739	69.57	1.179	29.95	1.183	29.94	2.500	63.50	2.142	54.41	.125	3.18	2.859	72.11

OUTLINE DRAWINGS

14P18

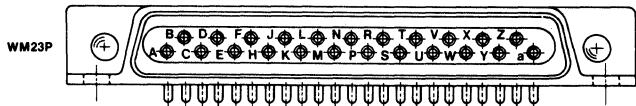
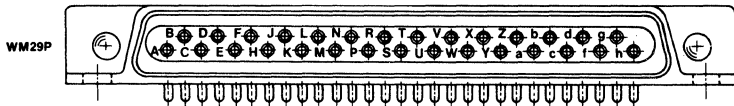
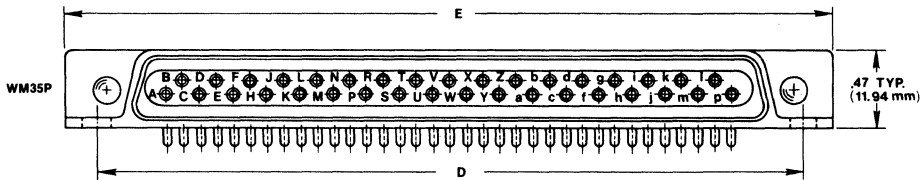


NUMBER	B	C	D
WD11S	1.63" (41.40mm)	1.408" (35.763mm)	1.19" (30.23mm)
WD22S	2.79" (70.87mm)	2.540" (67.516mm)	2.29" (56.17mm)

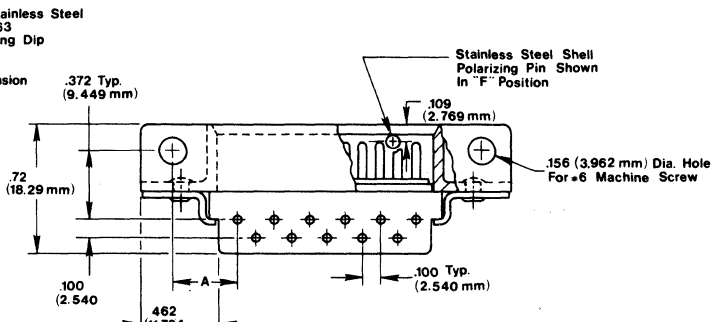
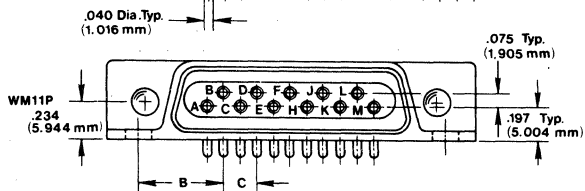
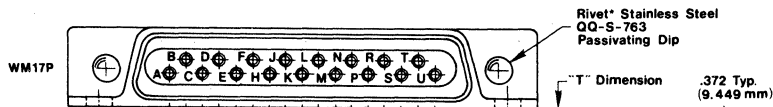
NUMBER	DIMENSION E
11 22	.062" (1.57mm)
11 22	.078" (1.98mm)
11 22	.094" (2.38mm)
11 22	.125" (3.18mm)
11 22	.156" (3.96mm)
11 22	.188" (4.78mm)

14P19

Plugs

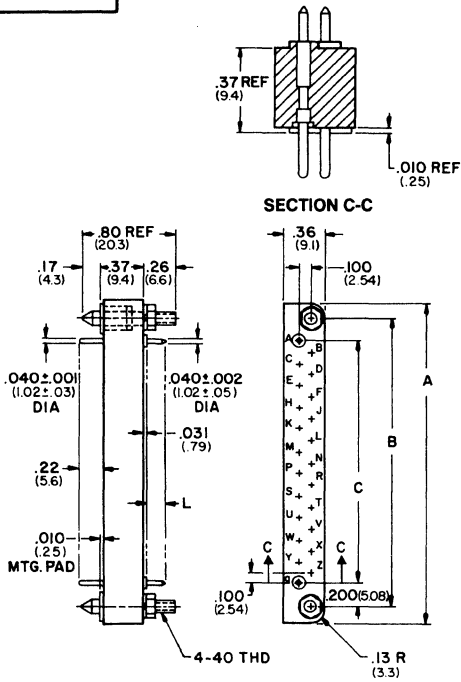


NUMBER	A	B	C	D	E
11	.375" (9.525mm)	.499" (12.675mm)	.188" (4.775mm)	1.750" (44.450mm)	2.094" (53.188mm)
17	.388" (9.855mm)	.438" (11.125mm)	.250" (6.350mm)	2.375" (60.325mm)	2.719" (69.063mm)
23	.400" (10.160mm)	.300" (7.620mm)	.250" (6.350mm)	3.000" (76.200mm)	3.344" (84.938mm)
29	.412" (10.465mm)	.562" (14.275mm)	.250" (6.350mm)	3.625" (92.075mm)	3.989" (100.813mm)
35	.425" (10.795mm)	.625" (15.875mm)	.250" (6.350mm)	4.250" (107.950mm)	4.594" (116.688mm)



OUTLINE DRAWINGS

20P1

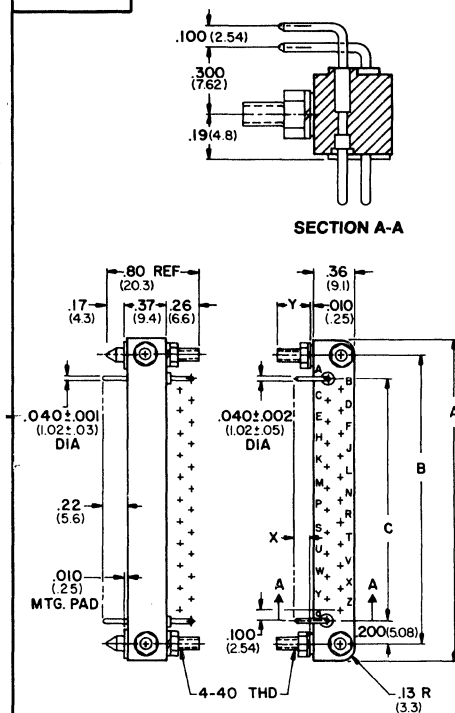


NO. OF CONTACTS	DIMENSIONS		
	A	B	C REF
7	1.30 (33.0)	1.000 (25.40)	.600 (15.24)
9	1.50 (38.1)	1.200 (30.48)	.800 (20.32)
11	1.70 (43.2)	1.400 (35.56)	1.000 (25.40)
15	2.10 (53.3)	1.800 (45.72)	1.400 (35.56)
19	2.50 (63.5)	2.200 (55.88)	1.800 (45.72)
23	2.90 (73.7)	2.600 (66.04)	2.200 (55.88)
37	4.30 (109.2)	4.000 (101.60)	3.600 (91.44)

Dimensions in parentheses are in millimeters

L
.15(3.8)
.20(5.1)

20P2

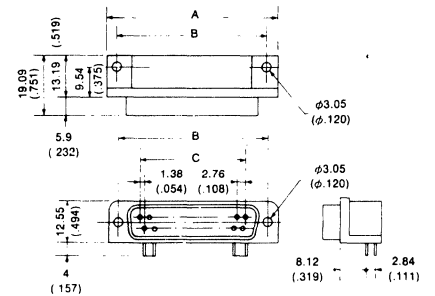


NO. OF CONTACTS	DIMENSIONS		
	A	B	C REF
7	1.30 (33.0)	1.000 (25.40)	.600 (15.24)
9	1.50 (38.1)	1.200 (30.48)	.800 (20.32)
11	1.70 (43.2)	1.400 (35.56)	1.000 (25.40)
15	2.10 (53.3)	1.800 (45.72)	1.400 (35.56)
19	2.50 (63.5)	2.200 (55.88)	1.800 (45.72)
23	2.90 (73.7)	2.600 (66.04)	2.200 (55.88)
37	4.30 (109.2)	4.000 (101.60)	3.600 (91.44)

Dimensions in parentheses are in millimeters

	(X ± 015)	(Y)
RP	.150 (3.81)	.25 (6.4)
RP1	.085 (2.16)	.21 (5.3)
RP2	.190 (4.83)	.30 (7.6)
RP3	.220 (5.59)	.30 (7.6)
RP4	.150 (3.81)	.21 (5.3)
RP5	.150 (3.81)	.18 (4.6)

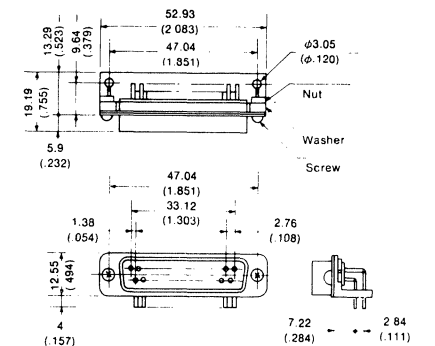
34P9



METAL-TYPE

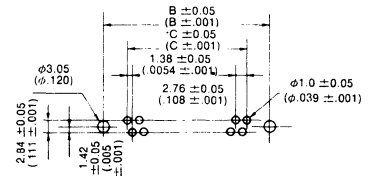
Plug

MODEL FCN-775P025-G/C

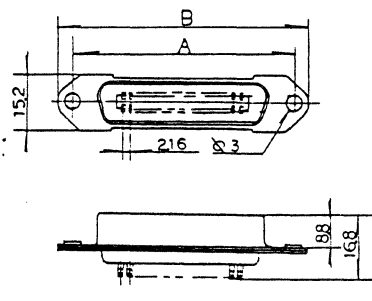


MOUNTING HOLE LAYOUT

Same for both molded and metal-type connectors
Figure of PC-board mounting holes (for both plug and socket)



61P1

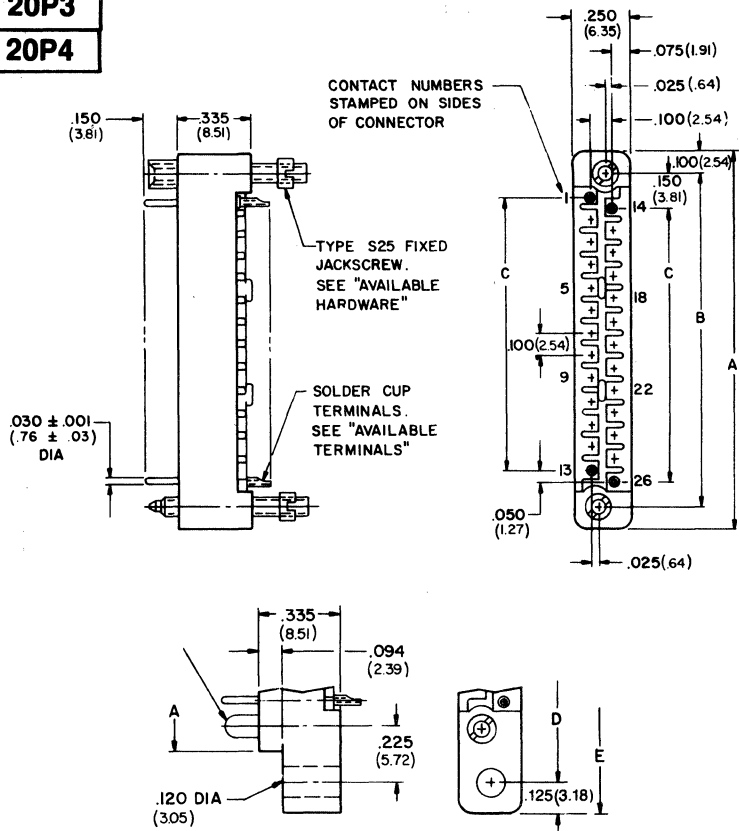


CONTACTS	A	B
14	36	44
24	46.78	54.78
36	59.74	67.74
50	74.85	82.85

OUTLINE DRAWINGS

20P3

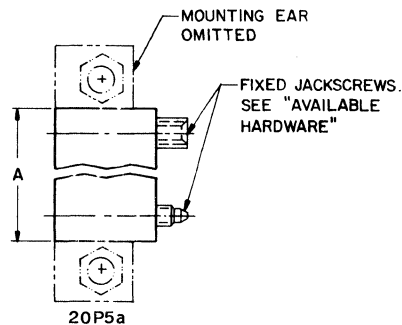
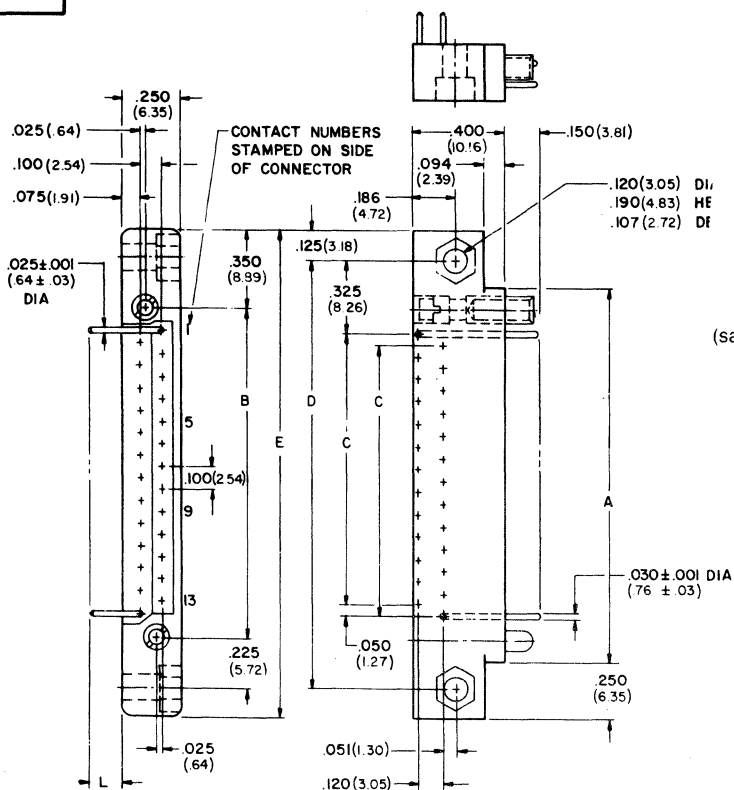
20P4



NO. OF CONTACTS	DIMENSIONS				
	A	B	C	D	E
10	.850 (21.59)	.650 (16.51)	.400 (10.16)	1.100 (27.94)	1.350 (34.29)
14	1.050 (26.67)	.850 (21.59)	.600 (15.24)	1.300 (33.02)	1.550 (39.47)
20	1.350 (34.29)	1.150 (29.21)	.900 (22.86)	1.600 (40.64)	1.850 (46.99)
24	1.550 (39.37)	1.350 (34.29)	1.100 (27.94)	1.800 (45.72)	2.050 (52.07)
26	1.650 (41.91)	1.450 (36.83)	1.200 (30.48)	1.900 (48.26)	2.150 (54.61)
30	1.850 (46.99)	1.650 (41.91)	1.400 (35.56)	2.100 (53.34)	2.350 (59.69)
36	2.150 (54.61)	1.950 (49.53)	1.700 (43.18)	2.400 (60.96)	2.650 (67.31)
40	2.350 (59.69)	2.150 (54.61)	1.900 (48.26)	2.600 (66.04)	2.850 (72.39)
44	2.550 (64.77)	2.350 (59.69)	2.100 (53.34)	2.800 (71.12)	3.050 (77.47)
50	2.850 (72.39)	2.650 (67.31)	2.400 (60.96)	3.100 (78.74)	3.350 (85.09)
54	3.050 (77.47)	2.850 (72.39)	2.600 (66.04)	3.300 (83.82)	3.550 (90.17)
56	3.150 (80.01)	2.950 (74.93)	2.700 (68.58)	3.400 (86.36)	3.650 (92.71)
60	3.350 (85.09)	3.150 (80.01)	2.900 (73.66)	3.600 (91.44)	3.850 (97.79)
66	3.650 (92.71)	3.450 (87.63)	3.200 (81.28)	3.900 (99.06)	4.150 (105.41)
70	3.850 (97.79)	3.650 (92.71)	3.400 (86.36)	4.100 (104.14)	4.350 (110.49)
78	4.250 (107.95)	4.050 (102.87)	3.800 (96.52)	4.500 (114.30)	4.700 (119.38)

Dimensions in parentheses are in millimeters.

20P5

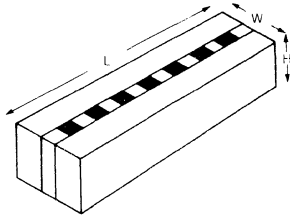


(same as connector MARP () P except without mounting 'ears')

NO. OF CONTACTS	DIMENSIONS				
	A	B	C	D	E
10	.850 (21.59)	.650 (16.51)	.400 (10.16)	1.100 (27.94)	1.350 (34.29)
14	1.050 (26.67)	.850 (21.59)	.600 (15.24)	1.300 (33.02)	1.550 (39.37)
20	1.350 (34.29)	1.150 (29.21)	.900 (22.86)	1.600 (40.64)	1.850 (46.99)
24	1.550 (39.37)	1.350 (34.29)	1.100 (27.94)	1.800 (45.72)	2.050 (52.07)
26	1.650 (41.91)	1.450 (36.83)	1.200 (30.48)	1.900 (48.26)	2.150 (54.61)
30	1.850 (46.99)	1.650 (41.91)	1.400 (35.56)	2.100 (53.34)	2.350 (59.69)
36	2.150 (54.61)	1.950 (49.53)	1.700 (43.18)	2.400 (60.96)	2.650 (67.31)
40	2.350 (59.69)	2.150 (54.61)	1.900 (48.26)	2.600 (66.04)	2.850 (72.39)
44	2.550 (64.77)	2.350 (59.69)	2.100 (53.34)	2.800 (71.12)	3.050 (77.47)
50	2.850 (72.39)	2.650 (67.31)	2.400 (60.96)	3.100 (78.74)	3.350 (85.09)
54	3.050 (77.47)	2.850 (72.39)	2.600 (66.04)	3.300 (83.82)	3.550 (90.17)
56	3.150 (80.01)	2.950 (74.93)	2.700 (68.58)	3.400 (86.36)	3.650 (92.71)
60	3.350 (85.09)	3.150 (80.01)	2.900 (73.66)	3.600 (91.44)	3.850 (97.79)
66	3.650 (92.71)	3.450 (87.63)	3.200 (81.28)	3.900 (99.06)	4.150 (105.41)
70	3.850 (97.79)	3.650 (92.71)	3.400 (86.36)	4.100 (104.14)	4.350 (110.49)

Dimensions in parentheses are in millimeters.

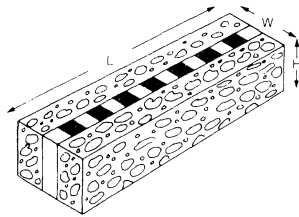
21P1



Dimensions

Pitch	.010" ± .003" (0.25mm ± .08mm)
Length (L) (Max)	8" + .020" (203 + 0.5mm)
Height (H) (Min)	.020" ± .004 (0.5mm ± 0.1mm)
Width (W) Range	.080" (2mm), .090" (2.3mm), .102" (2.6mm) .118" (3mm), .138" (3.5mm), .157" (4mm)
Minimum Recommended Contact Spacing of LCD	.030" (0.76mm)
Conductors/Inch (25mm)	> 100

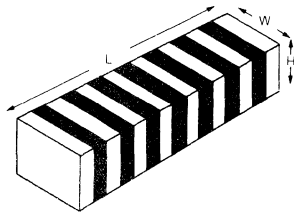
21P2



Dimensions

Pitch	.010" ± .003" (0.25mm ± .08mm)
Length (L) (Max)	8" + .020" (203 + 0.5mm)
Height (H) (Min)	.020" ± .004 (0.5mm ± 0.1mm)
Width (W) Range	.080" (2mm), .090" (2.3mm), .102" (2.6mm) .118" (3mm), .138" (3.5mm), .157" (4mm)
Minimum Recommended Contact Spacing of LCD	.030" (0.76mm)
Conductors/Inch (25mm)	> 100

21P3

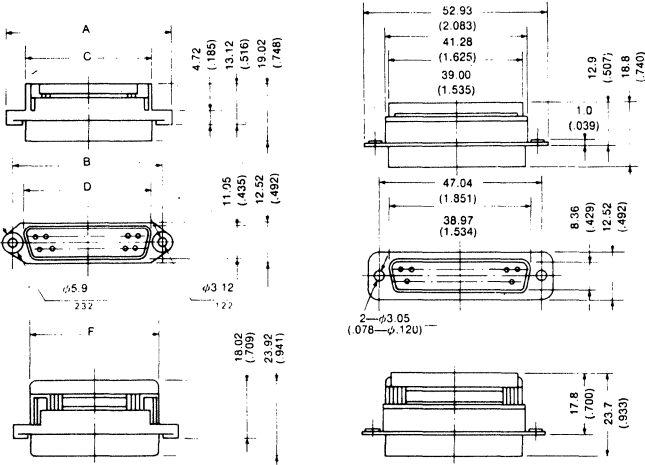


Dimensions

Pitch	Standard	.010" ± .003" (0.25mm ± .08mm)
	Special	.006" ± .003" (0.15mm ± .08mm)
Length (L) (Max)		4" ± .020" (102 ± 0.5mm)
Height (H) (Min)		.020" ± .004 (0.5mm ± 0.1mm)
Width (W) (Min)		.012" ± .004" (0.3mm ± 0.1mm)
Minimum Contact Spacing	Standard	.030" (0.76mm)
	Special	.020" (0.5mm)
Conductors/Inch (25mm)	Standard	>100
	Special	>150

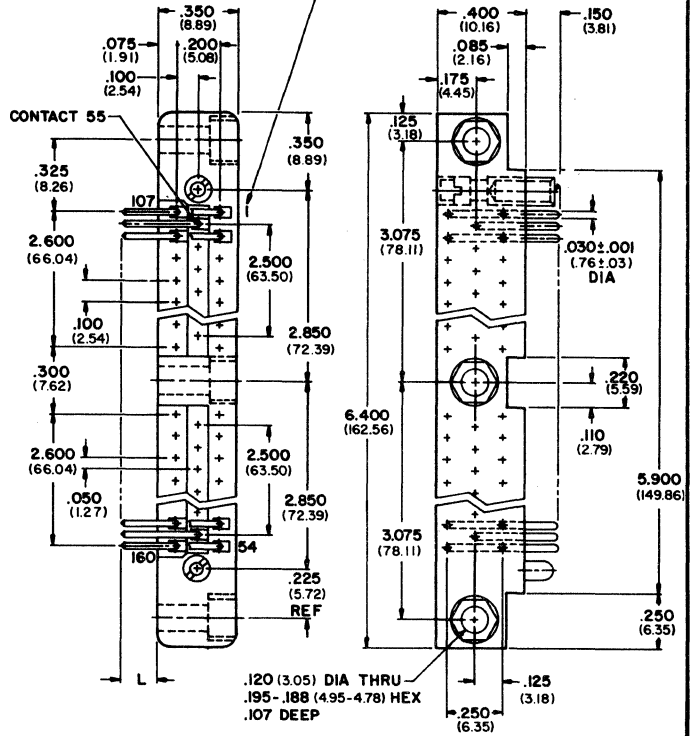
OUTLINE DRAWINGS

34P10

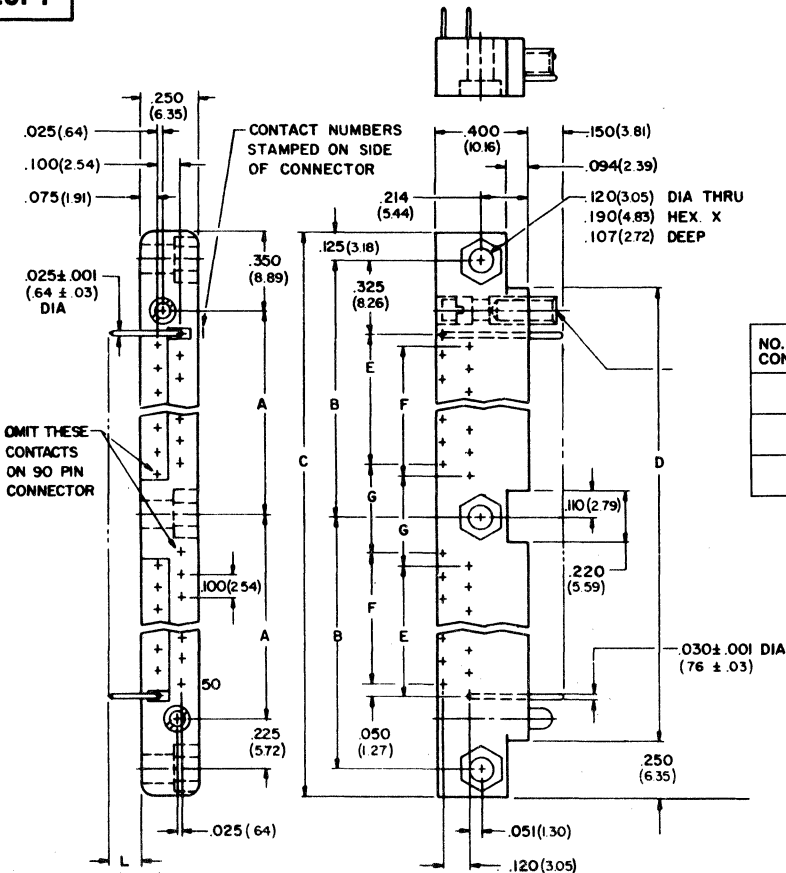


20P8

CONTACT NUMBERS "1", "54", "55", "106", "107" & "160" STAMPED ON THIS SIDE. IN ADDITION, IN ROW 1-54 ONLY, EVERY FORTH CONTACT IS MARKED



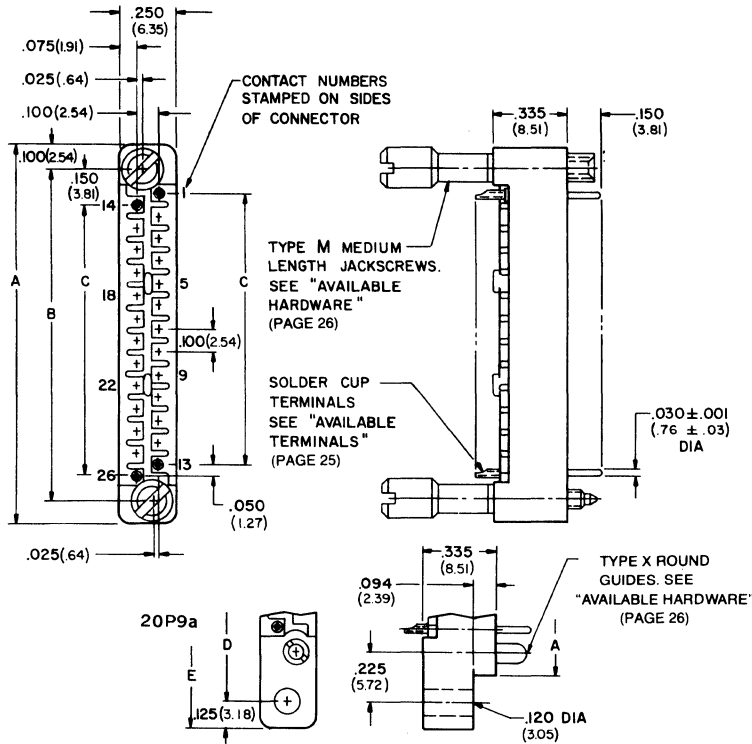
20P7



NO. OF CONTACTS	DIMENSIONS						
	A	B	C	D	E	F	G
90	2.475 (62.87)	2.700 (68.58)	5.650 (143.51)	5.150 (130.81)	2.200 (55.88)	2.100 (53.34)	.400 (10.16)
100	2.725 (69.22)	2.950 (74.93)	6.150 (156.21)	5.650 (143.51)	2.400 (60.96)	2.400 (60.96)	.400 (10.16)
120	3.225 (81.92)	3.450 (87.63)	7.150 (181.61)	6.650 (168.91)	2.900 (73.66)	2.900 (73.66)	.400 (10.16)

OUTLINE DRAWINGS

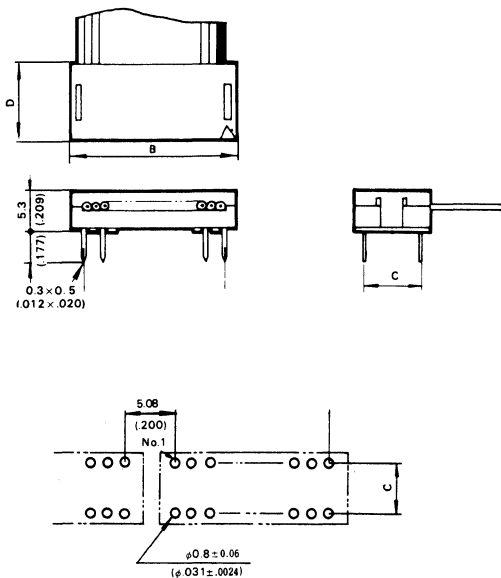
20P9



NO. OF CONTACTS	DIMENSIONS				
	A	B	C	D	E
10	.850 (21.59)	.650 (16.51)	.400 (10.16)	1.100 (27.94)	1.350 (34.29)
14	1.050 (26.67)	.850 (21.59)	.600 (15.24)	1.300 (33.02)	1.550 (39.37)
20	1.350 (34.29)	1.150 (29.21)	.900 (22.86)	1.600 (40.64)	1.850 (46.99)
24	1.550 (39.37)	1.350 (34.29)	1.100 (27.94)	1.800 (45.72)	2.050 (52.07)
26	1.650 (41.91)	1.450 (36.83)	1.200 (30.48)	1.900 (48.26)	2.150 (54.61)
30	1.850 (46.99)	1.650 (41.91)	1.400 (35.56)	2.100 (53.34)	2.350 (59.69)
36	2.150 (54.61)	1.950 (49.53)	1.700 (43.18)	2.400 (60.96)	2.650 (67.31)
40	2.350 (59.69)	2.150 (54.61)	1.900 (48.26)	2.600 (66.04)	2.850 (72.39)
44	2.550 (64.77)	2.350 (59.69)	2.100 (53.34)	2.800 (71.12)	3.050 (77.47)
50	2.850 (72.39)	2.650 (67.31)	2.400 (60.96)	3.100 (78.74)	3.350 (85.09)
54	3.050 (77.47)	2.850 (72.39)	2.600 (66.04)	3.300 (83.82)	3.550 (90.17)
56	3.150 (80.01)	2.950 (74.93)	2.700 (68.58)	3.400 (86.36)	3.650 (92.71)
60	3.350 (85.09)	3.150 (80.01)	2.900 (73.66)	3.600 (91.44)	3.850 (97.79)
66	3.650 (92.71)	3.450 (87.63)	3.200 (81.28)	3.900 (99.06)	4.150 (105.41)
70	3.850 (97.79)	3.650 (92.71)	3.400 (86.36)	4.100 (104.14)	4.350 (110.49)
78	4.250 (107.95)	4.050 (102.87)	3.800 (96.52)	4.500 (114.30)	4.700 (119.38)

Dimensions in parentheses are in millimeters.

34P6

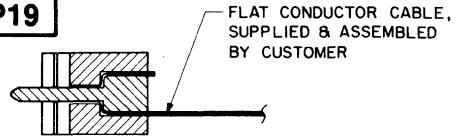


DESIGNATION

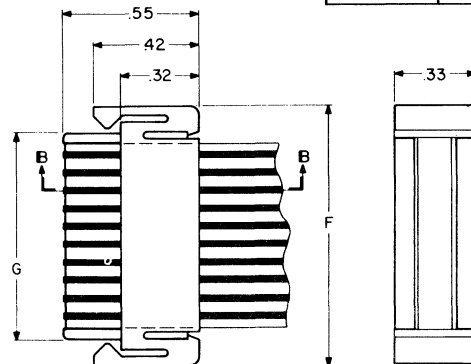
Unit: mm (inch)

No. of Contacts	Designation		Dimensions			
	Gold Plating	Solder Plating	A	B	C	D
10	FCN-714P010-AU/O	FCN-714P010-SN/O	10.16 (.400)	14.74 (.580)	7.62 (.300)	10.67 (.420)
14	FCN-714P014-AU/O	FCN-714P014-SN/O	15.24 (.600)	19.82 (.780)	7.62 (.300)	10.67 (.420)
16	FCN-714P013-AU/O	FCN-714P016-SN/O	17.78 (.700)	22.36 (.880)	7.62 (.300)	10.67 (.420)
20	FCN-714P020-AU/O	FCN-714P020-SN/O	22.86 (.900)	27.44 (1.080)	15.24 (.600)	18.29 (.720)
24	FCN-714P024-AU/O	FCN-714P024-SN/O	27.94 (1.100)	32.52 (1.280)	15.24 (.600)	18.29 (.720)
26	FCN-714P026-AU/O	FCN-714P026-SN/O	30.48 (1.200)	35.06 (1.380)	15.24 (.600)	18.29 (.720)
34	FCN-714P034-AU/O	FCN-714P034-SN/O	40.64 (1.600)	45.22 (1.780)	15.24 (.600)	18.29 (.720)
40	FCN-714P040-AU/O	FCN-714P040-SN/O	48.26 (1.900)	52.84 (2.080)	15.24 (.600)	18.29 (.720)
50	FCN-714P050-AU/O	FCN-714P050-SN/O	60.96 (2.400)	65.54 (2.580)	15.24 (.600)	18.29 (.720)
60	FCN-714P060-AU/O	FCN-714P060-SN/O	73.66 (2.900)	78.24 (3.080)	15.24 (.600)	18.29 (.720)

20P19

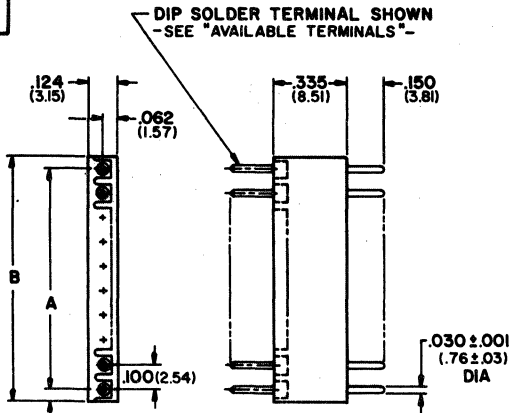


NO. OF CONTACTS	F	G
66	3.67	3.415
64	3.57	3.315
55	3.12	2.865
50	2.87	2.615
40	2.37	2.115
22	1.47	1.215
14	1.07	.815
10	.87	.615



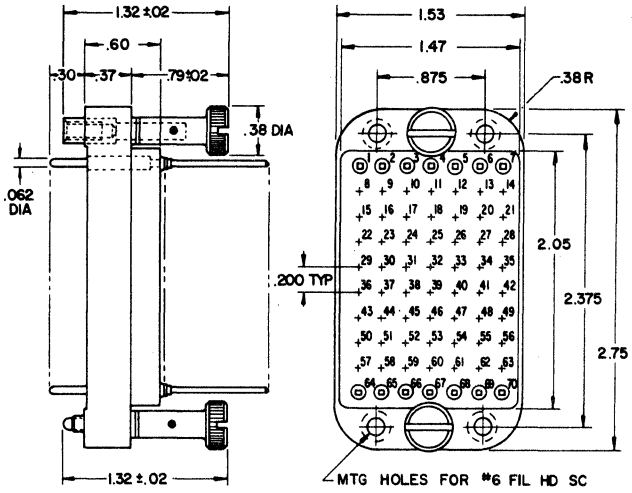
OUTLINE DRAWINGS

20P11

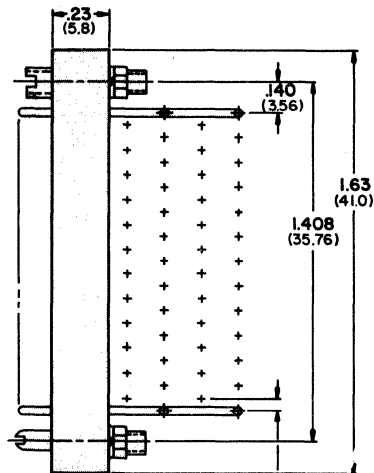
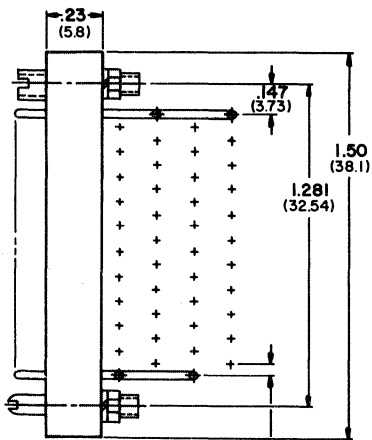


NO. OF CONTACTS	A	B
1	-	.098 (2.44)
2	.100 (2.54)	.198 (4.98)
3	.200 (5.08)	.298 (7.52)
4	.300 (7.62)	.398 (10.06)
5	.400 (10.16)	.498 (12.60)
6	.500 (12.70)	.598 (15.14)
7	.600 (15.24)	.698 (17.68)
8	.700 (17.78)	.798 (20.22)
9	.800 (20.32)	.898 (22.76)
10	.900 (22.86)	.998 (25.30)
11	1.000 (25.40)	1.098 (27.84)
12	1.100 (27.94)	1.198 (30.38)
13	1.200 (30.48)	1.298 (32.92)
14	1.300 (33.02)	1.398 (35.46)
15	1.400 (35.56)	1.498 (38.00)
16	1.500 (38.10)	1.598 (40.54)
17	1.600 (40.64)	1.698 (43.08)
18	1.700 (43.18)	1.798 (45.62)
19	1.800 (45.72)	1.898 (48.16)
20	1.900 (48.26)	1.998 (50.70)

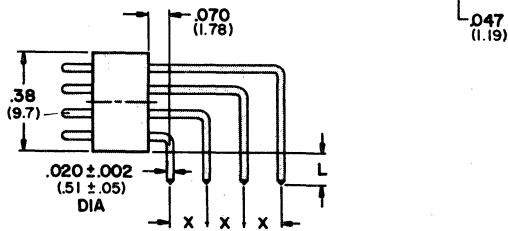
20P14



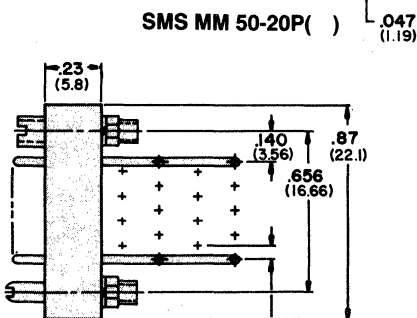
20P15



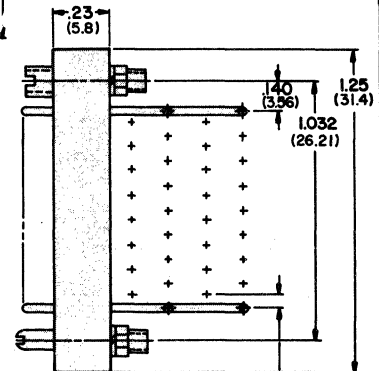
X	L
.10 (2.5)	.093 (2.36)
	.125 (3.18)
	.156 (3.96)
.15 (3.8)	.093 (2.36)
	.125 (3.18)
	.156 (3.96)



END VIEW TYPICAL OF SIZES 18, 34, 44 & 50



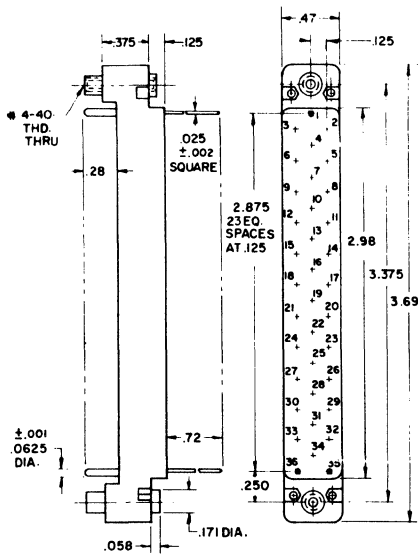
SMM 18-20P() .047 (1.19)



SMM 34-20P() .047 (1.19)

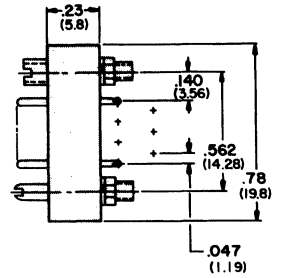
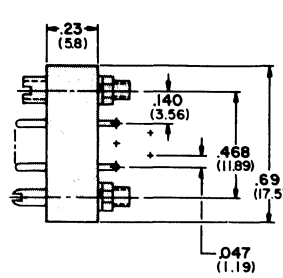
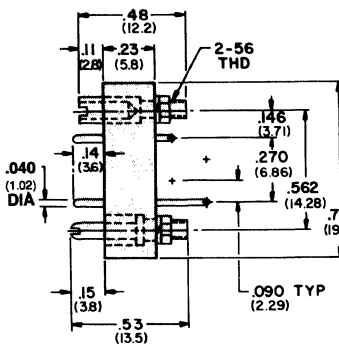
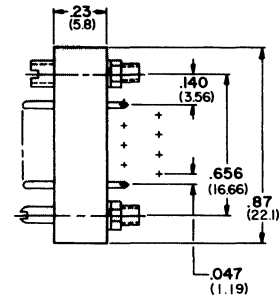
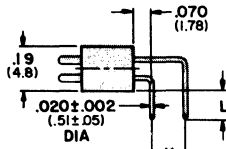
OUTLINE DRAWINGS

20P13

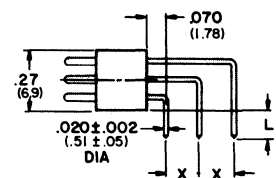
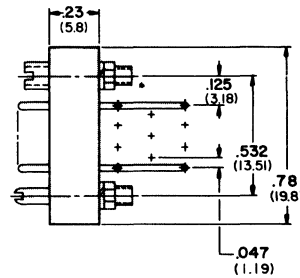
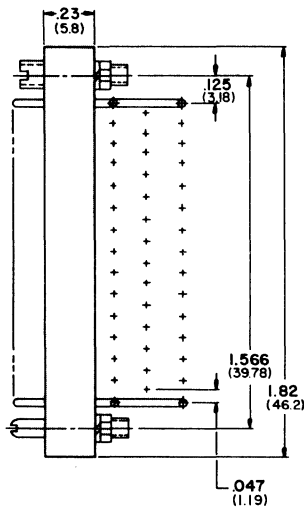
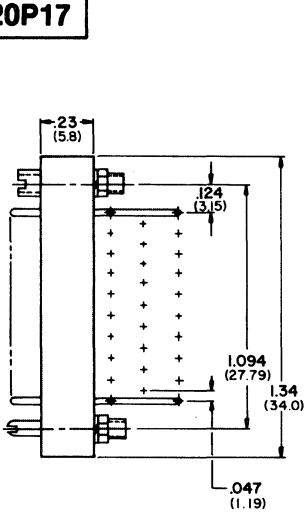


20P16

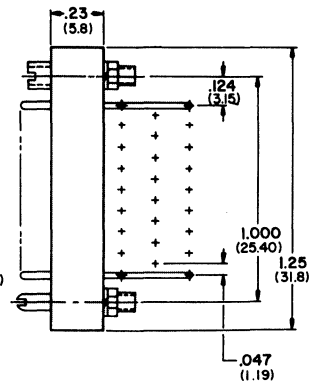
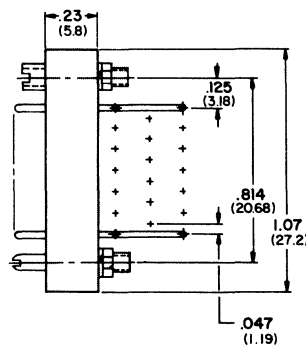
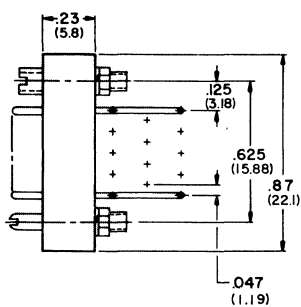
X	L
.10 (2.5)	.093 (2.36) .125 (3.18) .156 (3.96)
.15 (3.8)	.093 (2.36) .125 (3.18) .156 (3.96)



20P17

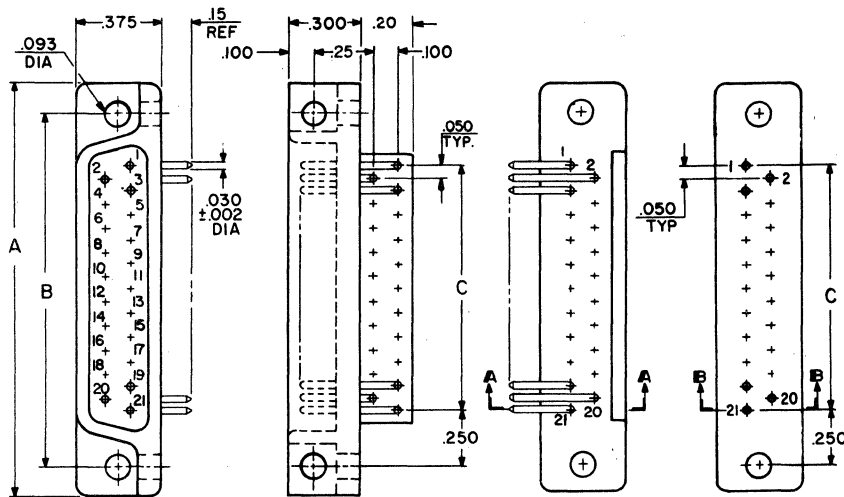


X	L
.10 (2.5)	.093 (2.36) .125 (3.18) .156 (3.96)
.15 (3.8)	.093 (2.36) .125 (3.18) .156 (3.96)



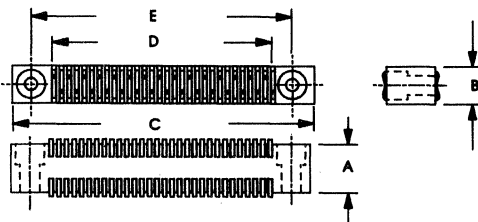
OUTLINE DRAWINGS

20P18



NO. OF CONTACTS	DIMENSIONS		
	A	B	C
9	1.150	.900	.400
11	1.250	1.000	.500
15	1.450	1.200	.700
21	1.750	1.500	1.000
25	1.950	1.700	1.200
31	2.250	2.000	1.500
37	2.550	2.300	1.800
51	3.250	3.000	2.500

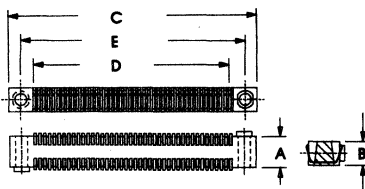
22P1



Dwg. No.	PINS	DIMENSIONS					CONTACT PLATING	MOUNTING HOLES			STIFFENER PART NO.	
		HEIGHT A	WIDTH B	LENGTH C	D	E		GOLD	TIN	THRU THREADED CUP		
22P1a	30	0.325	0.250	2.000	1.450	1.750	■	□	■	■	■	E005-1,-9
22P1b	42	0.325	0.250	2.600	2.050	2.350	■	■	■	■	■	E005-2,-10
22P1c	50	0.325	0.250	3.000	2.450	2.750	■	■	■	■	■	E005-3,-11
22P1d	30	0.538	0.250	2.000	1.450	1.750	■	□	■	■	■	E005-1,-9
22P1e	42	0.538	0.250	2.600	2.050	2.350	■	■	■	■	■	E005-2,-10
22P1f	30	0.363	0.250	2.000	1.450	1.750	■	□	■	■	■	E005-1,-9
22P1g	42	0.363	0.250	2.600	2.050	2.350	■	□	■	■	■	E005-2,-10

LEGEND: ■ Available
□ Modification
- Not Available

22P2

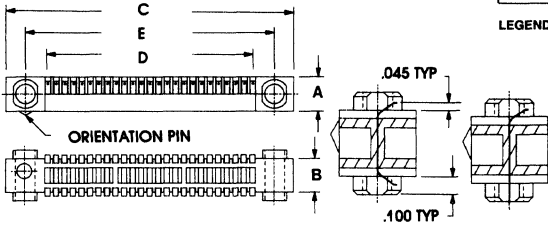


Dwg. No.	PINS	DIMENSIONS					CONTACT PLATING	MOUNTING HOLES			STIFFENER PART NO.	
		HEIGHT A	WIDTH B	LENGTH C	D	E		GOLD	TIN	THRU THREADED CUP		
22P2a	42	0.538	0.250	2.600	2.050	2.350	■	□	■	■	-	E005-4,-12
22P2b	42	0.325	0.250	2.600	2.050	2.350	■	■	■	□	-	E005-4,-12

LEGEND: ■ Available
□ Modification
- Not available

OUTLINE DRAWINGS

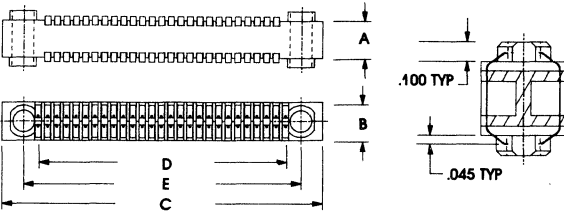
22P3



Dwg. No.	PINS	DIMENSIONS					CONTACT PLATING		MOUNTING HOLES			STIFFENER PART NO.	
		HEIGHT A	WIDTH B	LENGTH C	D	E	GOLD	TIN	THRU	THREADED	CUP		
22P3	25	0.390	0.400	3.400	2.400	2.950	■	■	■	■	□	-	B411U3

LEGEND: ■ Available
□ Modification
- Not available

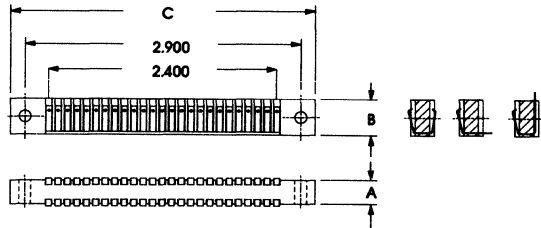
22P4



Dwg. No.	PINS	DIMENSIONS					CONTACT PLATING		MOUNTING HOLES			STIFFENER PART NO.	
		HEIGHT A	WIDTH B	LENGTH C	D	E	GOLD	TIN	THRU	THREADED	CUP		
22P4	54	0.390	0.510	3.400	2.600	2.950	■	□	■	■	□	-	B411U3

LEGEND: ■ Available
□ Modification
- Not available

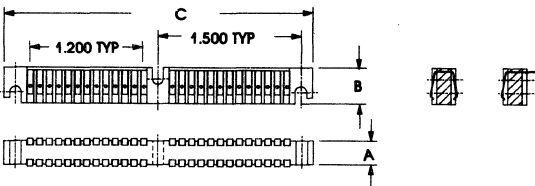
22P5



Dwg. No.	PINS	DIMENSIONS			CONTACT PLATING			MOUNTING HOLES		STIFFENER PART NO.
		HEIGHT A	WIDTH B	LENGTH C	GOLD	TIN	THRU	THREAD		
22P5	25	0.250	0.380	3.200	■	■	■	■	■	E005-5,-13

LEGEND: ■ Available
□ Modification
- Not available

22P6

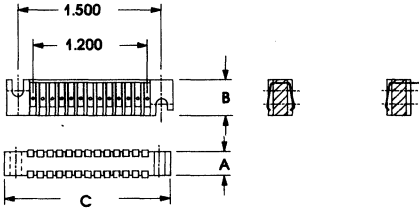


Dwg. No.	PINS	DIMENSIONS			CONTACT PLATING			MOUNTING HOLES		STIFFENER PART NO.
		HEIGHT A	WIDTH B	LENGTH C	GOLD	TIN	THRU	THREAD		
22P6	26	0.250	0.380	3.240	■	■	□	■	■	Not Required

LEGEND: ■ Available
□ Modification
- Not available

OUTLINE DRAWINGS

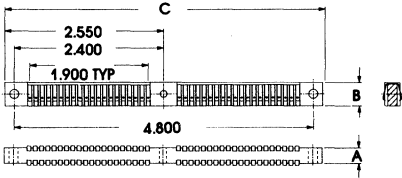
22P7



Dwg. No.	DIMENSIONS			CONTACT PLATING			MOUNTING HOLES		STIFFENER PART NO.
	PINS	HEIGHT A	WIDTH B	LENGTH C	GOLD	TIN	THRU	THREAD	
22P7	13	0.250	0.380	1.740	■	■	■	-	Not Required

LEGEND: ■ Available
□ Modification
- Not available

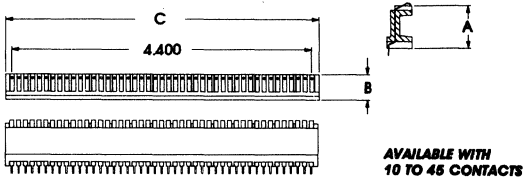
22P8



Dwg. No.	DIMENSIONS			CONTACT PLATING			MOUNTING HOLES		STIFFENER PART NO.
	PINS	HEIGHT A	WIDTH B	LENGTH C	GOLD	TIN	THRU	THREAD	
22P8	40	0.250	0.380	5.100	■	-	□	□	E005-8,-16

LEGEND: ■ Available
□ Modification
- Not available

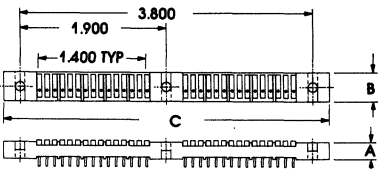
22P9



Dwg. No.	DIMENSIONS			CONTACT PLATING			MOUNTING HOLES		STIFFENER PART NO.
	PINS	HEIGHT A	WIDTH B	LENGTH C	GOLD	TIN	THRU	THREAD	
22P9	45	0.625	0.375	4.610	-	■	-	-	□

LEGEND: ■ Available
□ Modification
- Not available

22P10

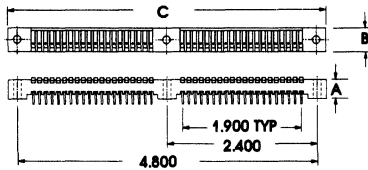


Dwg. No.	DIMENSIONS			CONTACT PLATING			MOUNTING HOLES		STIFFENER PART NO.
	PINS	HEIGHT A	WIDTH B	LENGTH C	GOLD	TIN	THRU	THREAD	
22P10	30	0.225	0.380	4.230	-	■	-	-	E005-8,-14

LEGEND: ■ Available
□ Modification
- Not available

OUTLINE DRAWINGS

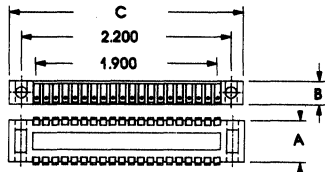
22P11



Dwg. No.	DIMENSIONS				CONTACT PLATING			MOUNTING HOLES		STIFFENER PART NO.
	PINS	HEIGHT A	WIDTH B	LENGTH C	GOLD	TIN	THRU	THREAD		
22P11	40	0.310	0.380	5.100	-	■	■	■	-	E005-8,-16

LEGEND: ■ Available
□ Modification
- Not available

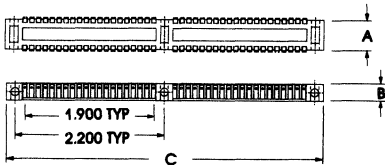
22P12



Dwg. No.	DIMENSIONS				CONTACT PLATING			MOUNTING HOLES		STIFFENER PART NO.
	PINS	HEIGHT A	WIDTH B	LENGTH C	GOLD	TIN	THRU	THREAD		
22P12	20	0.438	0.250	2.450	■	■	-	■	-	□

LEGEND: ■ Available
□ Modification
- Not available

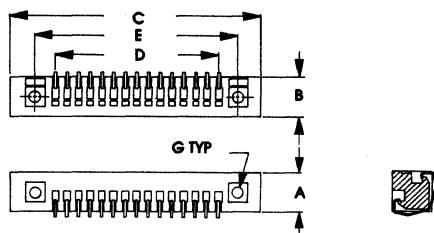
22P13



Dwg. No.	DIMENSIONS				CONTACT PLATING			MOUNTING HOLES		STIFFENER PART NO.
	PINS	HEIGHT A	WIDTH B	LENGTH C	GOLD	TIN	THRU	THREAD		
22P13	40	0.438	0.250	4.650	■	■	-	■	-	E005-7,-15

LEGEND: ■ Available
□ Modification
- Not available

22P14

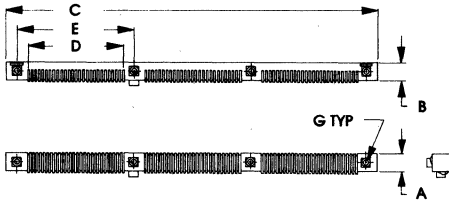


Dwg. No.	PINS	DIMENSIONS						MOUNTING HOLES	AEROSPACE PART NO.
		HEIGHT A	WIDTH B	LENGTH C	D	E	F		
22P14a	21	0.250	0.250	1.600	1.000	1.300	-	#2-56	3745-013
22P14b	21	0.250	0.250	2.000	1.000	1.700	1.300	#2-56	2745-013
22P14c	15	0.250	0.250	1.600	1.050	1.300	-	#2-56	3725-013
22P14d	15	0.250	0.250	2.000	1.050	1.700	1.300	#2-56	2725-013
22P14e	32	0.375	0.375	2.925	2.325	2.637	-	#4-40	3701-010
22P14f	10	0.250	0.250	1.600	0.900	1.300	-	#2-56	3705-013
22P14g	10	0.250	0.250	2.000	0.900	1.700	1.300	#2-56	2705-013
22P14h	10	0.375	0.375	2.000	0.900	1.700	1.300	#4-40	2704-010
22P14i	20	0.375	0.375	3.500	0.900	-	-	#4-40	2700-010

LEGEND: ■ Available
□ Modification
- Not available

OUTLINE DRAWINGS

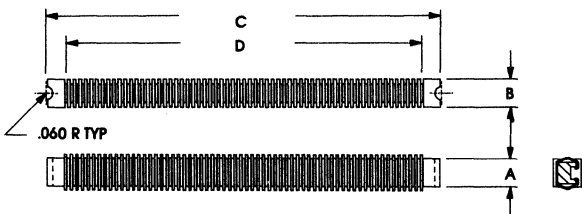
22P15



Dwg. No.	PINS	DIMENSIONS						MOUNTING HOLES	AEROSPACE PART NO.
		HEIGHT A	WIDTH B	LENGTH C	D	E	F		
22P15	81	0.250	0.250	5.100	1.300	1.600	-	#2.56	3707-013

LEGEND: ■ Available
 □ Modification
 - Not available

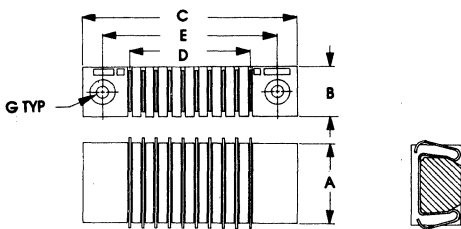
22P16



Dwg. No.	PINS	DIMENSIONS						MOUNTING HOLES	AEROSPACE PART NO.
		HEIGHT A	WIDTH B	LENGTH C	D	E	F		
22P16	64	0.250	0.250	3.426	3.150	-	-	-	2840-010

LEGEND: ■ Available
 □ Modification
 - Not available

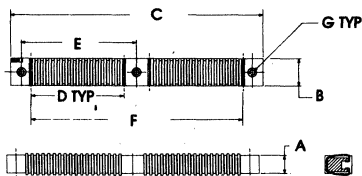
22P17



Dwg. No.	PINS	DIMENSIONS						MOUNTING HOLES	AEROSPACE PART NO.
		HEIGHT A	WIDTH B	LENGTH C	D	E	F		
22P17a	15	0.250	0.250	1.600	1.050	1.300	-	#2-56	2832-013
22P17b	15	0.600	0.250	1.600	1.050	1.300	-	#2-56	2814-013
22P17c	10	0.250	0.250	1.600	0.900	1.300	-	#2-56	2812-013
22P17d	10	0.600	0.250	1.600	0.900	1.300	-	#2-56	2809-013
22P17e	10	0.250	0.375	1.600	0.900	1.300	-	#4-40	2805-010
22P17f	10	0.600	0.375	1.600	0.900	1.300	-	#4-40	2808-010
22P17g	10	0.900	0.375	1.600	0.900	1.300	-	#4-40	2807-010
22P17h	25	0.900	0.375	3.100	2.400	2.800	-	#4-40	□
22P17i	10	1.200	0.375	1.600	0.900	1.300	-	#4-40	2802-010
22P17j	10	1.200	0.250	1.600	0.900	1.300	-	#2-56	□

LEGEND: ■ Available
 □ Modification
 - Not available

22P18

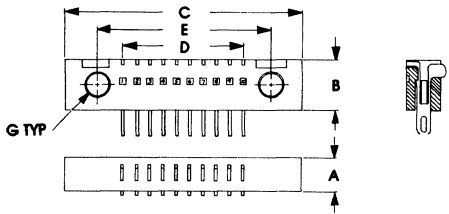


Dwg. No.	PINS	DIMENSIONS						MOUNTING HOLES	AEROSPACE PART NO.
		HEIGHT A	WIDTH B	LENGTH C	D	E	F		
22P18a	38	1.200	0.250	3.500	1.350	1.600	3.200	#2-56	2820-013
22P18b	38	0.250	0.375	3.500	1.350	1.600	3.200	#2-56	2821-013
22P18c	30	0.900	0.375	3.814	1.400	1.757	3.514	.159 DIA	□

LEGEND: ■ Available
 □ Modification
 - Not available

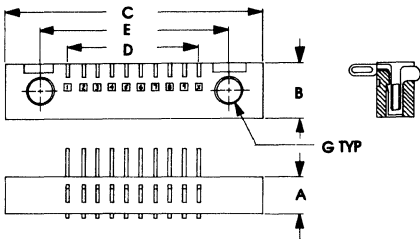
OUTLINE DRAWINGS

22P19



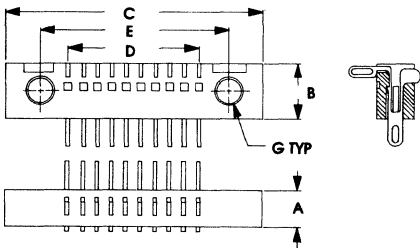
Dwg. No.	PINS	DIMENSIONS					MOUNTING HOLES	TYPE	AEROSPACE PART NO.
		HEIGHT A	WIDTH B	LENGTH C	D	E			
22P19a	10	0.250	0.375	1.775	0.900	1.300	#4-40	90°	2752-011
22P19b	15	0.250	0.375	2.275	1.400	1.800	#4-40	90°	2772-011
22P19c	21	0.345	0.375	2.800	2.000	2.400	#4-40	90°	2775-014

22P20



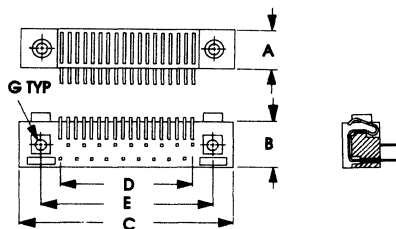
Dwg. No.	PINS	DIMENSIONS					MOUNTING HOLES	TYPE	AEROSPACE PART NO.
		HEIGHT A	WIDTH B	LENGTH C	D	E			
22P20a	10	0.250	0.375	1.775	0.900	1.300	#4-40	180°	2751-011
22P20b	15	0.250	0.375	2.275	1.400	1.800	#4-40	180°	2771-011
22P20c	21	0.345	0.375	2.800	2.000	2.400	#4-40	180°	2775-013

22P21



Dwg. No.	PINS	DIMENSIONS					MOUNTING HOLES	TYPE	AEROSPACE PART NO.
		HEIGHT A	WIDTH B	LENGTH C	D	E			
22P21a	10	0.250	0.375	1.775	0.900	1.300	#4-40	90° & 180°	2750-011
22P21b	15	0.250	0.375	2.275	1.400	1.800	#4-40	90° & 180°	2770-011
22P21c	21	0.345	0.375	2.800	2.000	2.400	#4-40	90° & 180°	2775-012

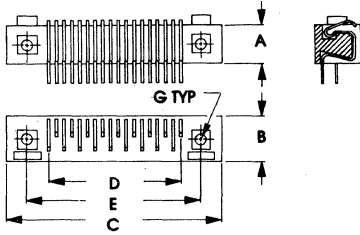
22P22



Dwg. No.	PINS	DIMENSIONS						MOUNTING HOLES	TYPE	AEROSPACE PART NO.
		HEIGHT A	WIDTH B	LENGTH C	D	E	F			
22P22a	18	0.250	0.300	1.380	0.850	1.120	-	#2-56	90°	3751-013
22P22b	25	0.250	0.300	1.730	1.200	1.470	-	#2.56	90°	3753-013

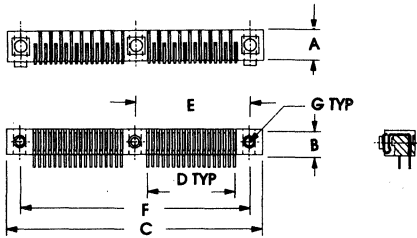
OUTLINE DRAWINGS

22P23



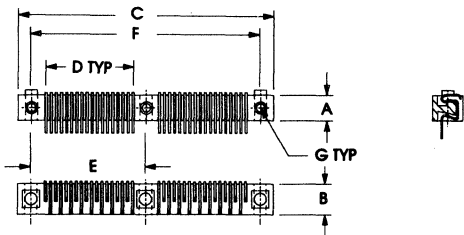
Dwg. No.	DIMENSIONS							MOUNTING HOLES G	TYPE	AEROSPACE PART NO.
	PINS	HEIGHT A	WIDTH B	LENGTH C	D	E	F			
22P23a	18	0.250	0.300	1.380	0.850	1.120	-	#2-56	180°	3851-013
22P23b	25	0.250	0.300	1.730	1.200	1.470	-	#2-56	180°	3853-013

22P24



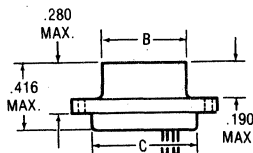
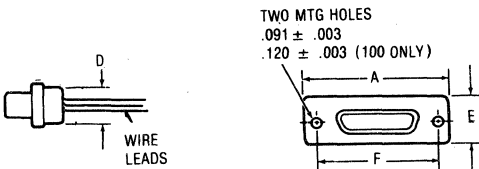
Dwg. No.	DIMENSIONS							MOUNTING HOLES G	TYPE	AEROSPACE PART NO.
	PINS	HEIGHT A	WIDTH B	LENGTH C	D	E	F			
22P24a	36	0.300	0.250	2.500	0.850	1.120	2.240	#2-56	90°	3755-013

22P25



Dwg. No.	DIMENSIONS							MOUNTING HOLES G	TYPE	AEROSPACE PART NO.
	PINS	HEIGHT A	WIDTH B	LENGTH C	D	E	F			
22P25a	36	0.250	0.300	2.500	0.850	1.120	2.240	#2-56	180°	3855-013

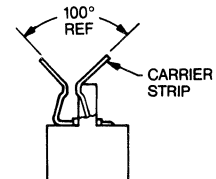
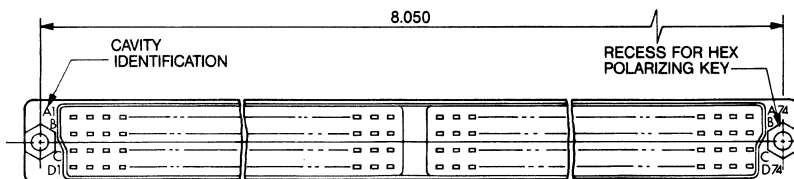
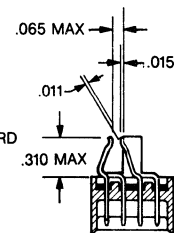
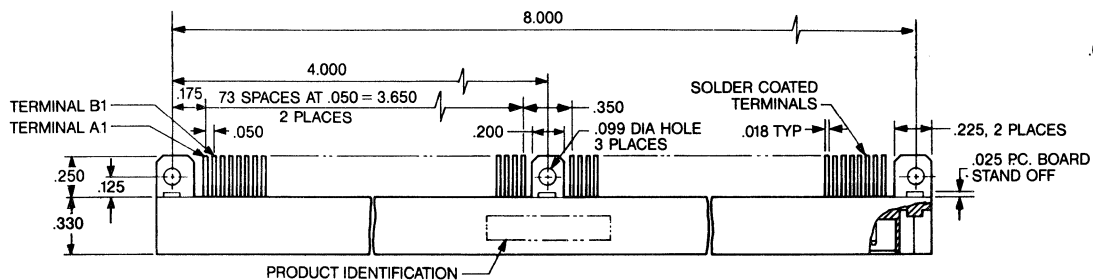
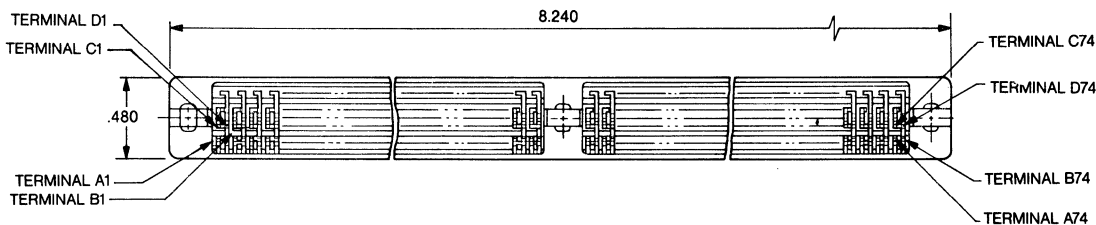
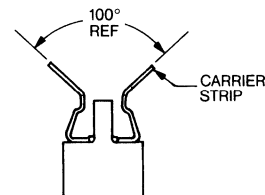
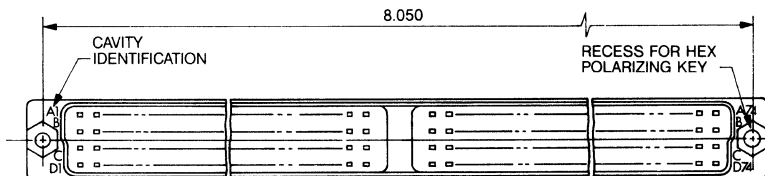
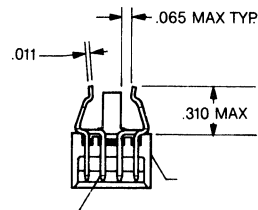
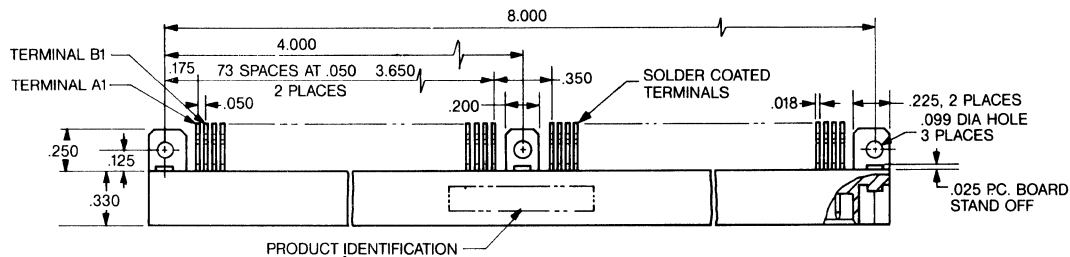
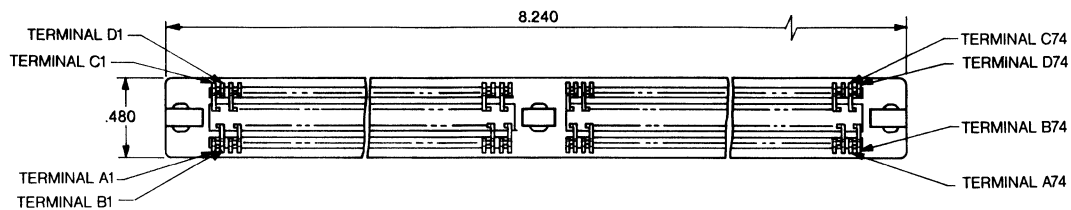
87P1



SIZE	A $\pm .010$	B Max.	C $+.010$ $-.018$	D Max.	E $\pm .010$	F $\pm .005$
9 P	.775		.390	.270	.298	.565
15 P	.925		.540	.270	.298	.715
21 P	1.075		.690	.270	.298	.865
25 P	1.175		.790	.270	.298	.965
31 P	1.325		.940	.270	.298	1.115
37 P	1.475		1.090	.270	.298	1.265
51 P	1.425		1.040	.310	.341	1.215
100P	2.160		1.432	.360	.384	1.800

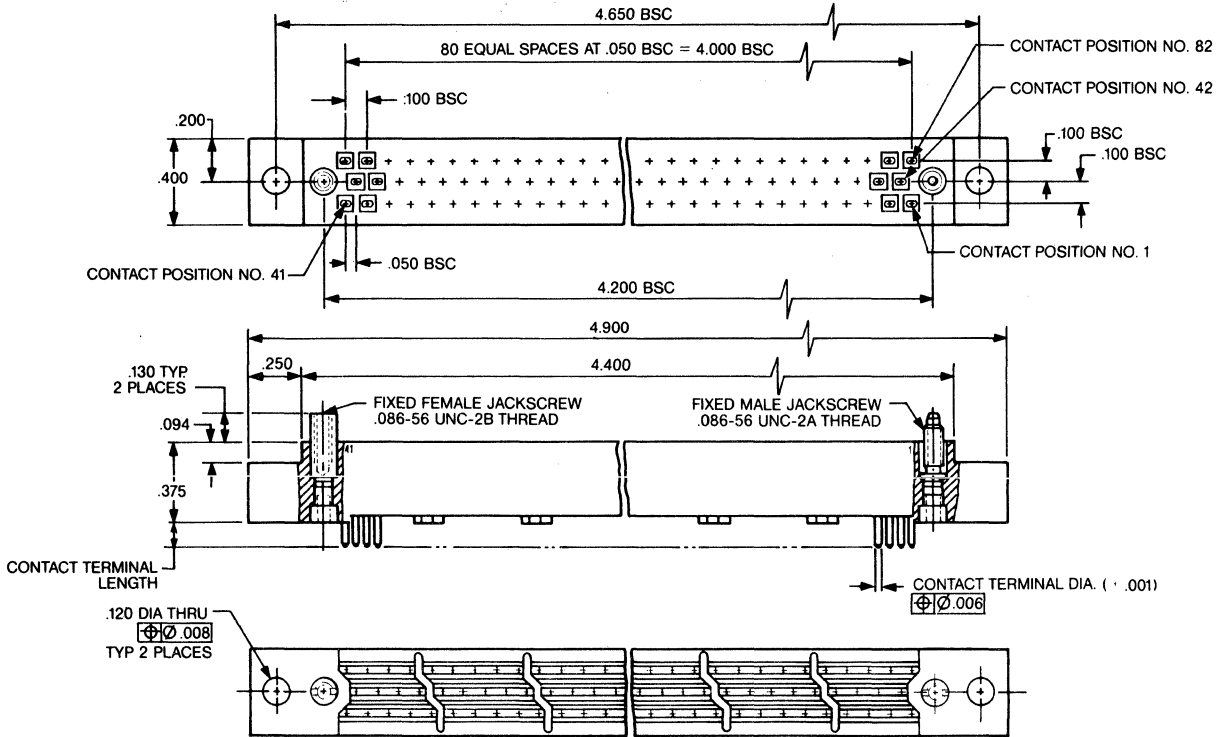
OUTLINE DRAWINGS

23P1

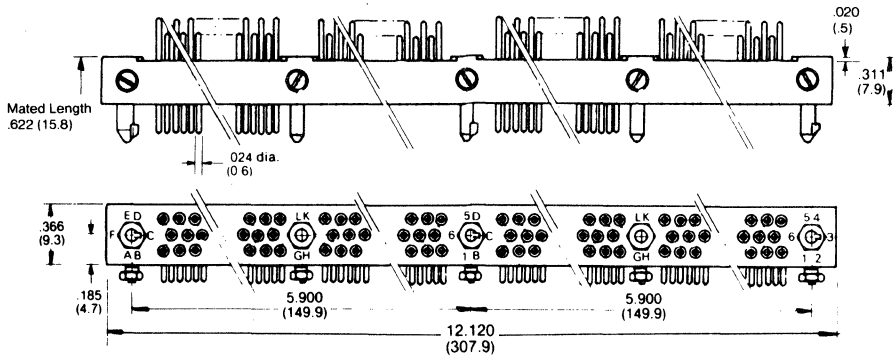


OUTLINE DRAWINGS

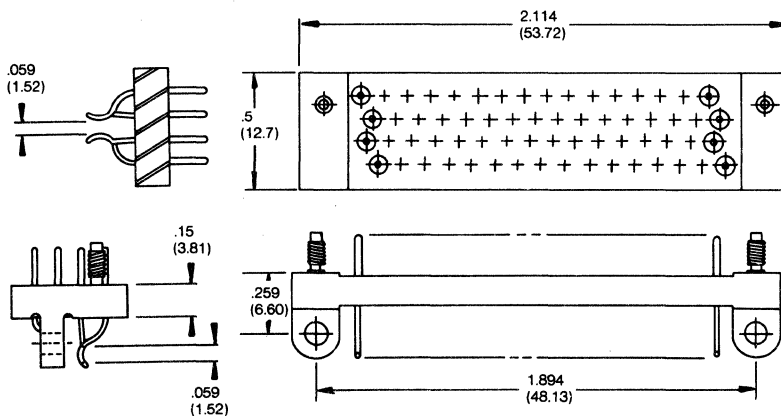
23P2



62P7



62P17

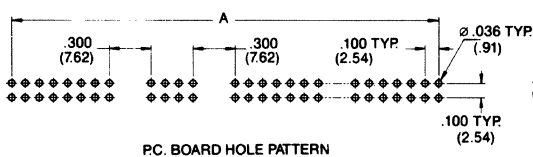
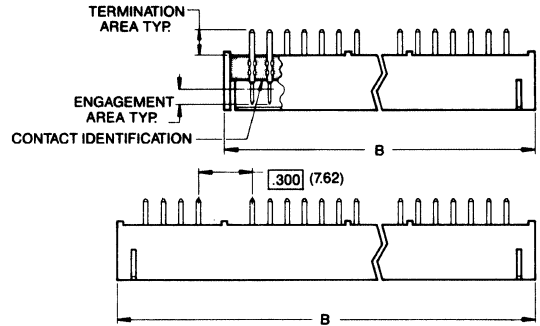
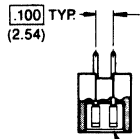
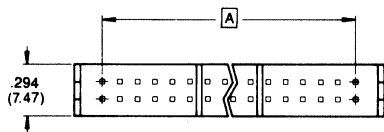


OUTLINE DRAWINGS

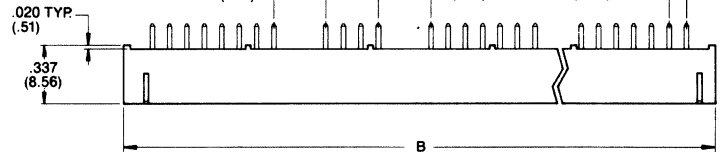
5P2

Number of Positions	Dimensions	
	A BSC	B ±.010 (0.25)
Dual 18 36 Contacts	1.700 (43.18)	2.025 (51.44)
Dual 22 Bridge 44 Contacts	2.300 (58.42)	2.625 (66.68)
Dual 30 Bridge 60 Contacts	3.300 (83.82)	3.625 (92.10)

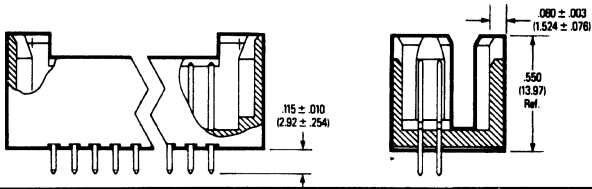
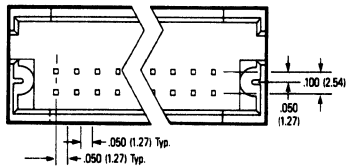
Original part numbers shown in brackets. Parts may be ordered by either number.



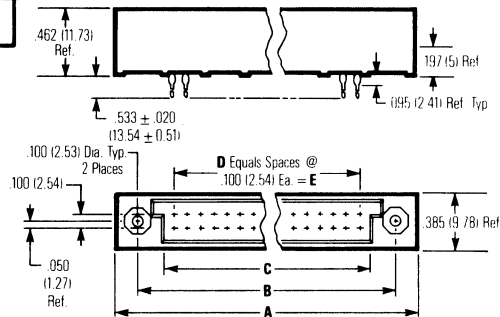
PC BOARD HOLE PATTERN



24P6

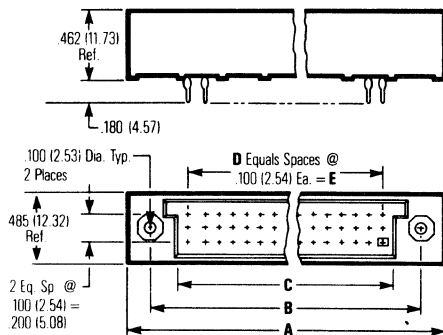


24P7



No. of Contacts	A		B		C-Plug		C-Socket	D	E	
	in	mm	in	mm	in	mm	in		mm	in
60	3.75	95.25	3.45	87.63	3.05	77.47	3.02	76.70	2.90	73.66
100	5.75	146.05	5.45	138.43	5.05	128.27	5.02	127.50	4.90	124.46
140	7.75	196.85	7.45	189.23	7.05	179.07	7.02	178.30	6.90	175.26
160	8.75	222.22	8.45	214.63	8.05	204.47	8.02	203.70	7.90	200.66
180	9.75	247.65	9.45	240.03	9.05	229.87	9.02	229.10	8.90	226.06

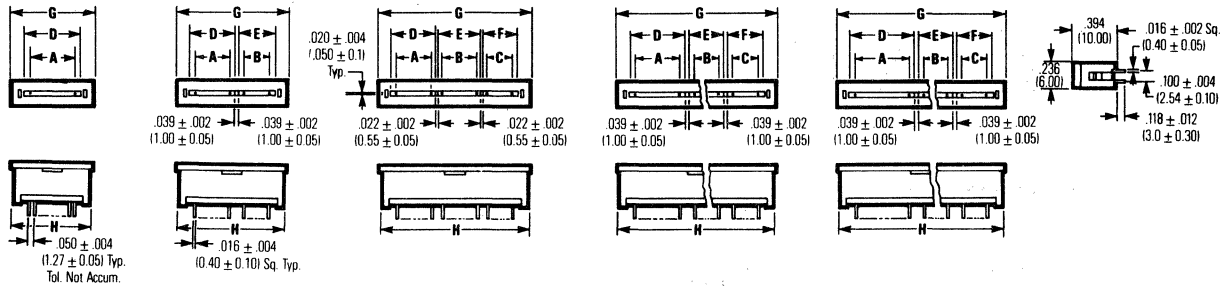
24P8



NO. OF CONTACTS	A		B		C-PLUG		D	E	
	in	mm	in	mm	in	mm		in	mm
105	4.25	107.95	3.95	100.33	3.55	90.17	3.40	86.36	
126	4.95	125.73	4.65	118.11	4.25	107.95	4.10	104.14	
201	7.45	189.23	7.15	181.61	6.75	171.45	6.60	167.64	
225	8.25	209.55	7.95	201.93	7.55	191.77	7.40	187.96	
300	10.75	273.05	10.45	265.43	10.05	255.27	9.90	251.46	

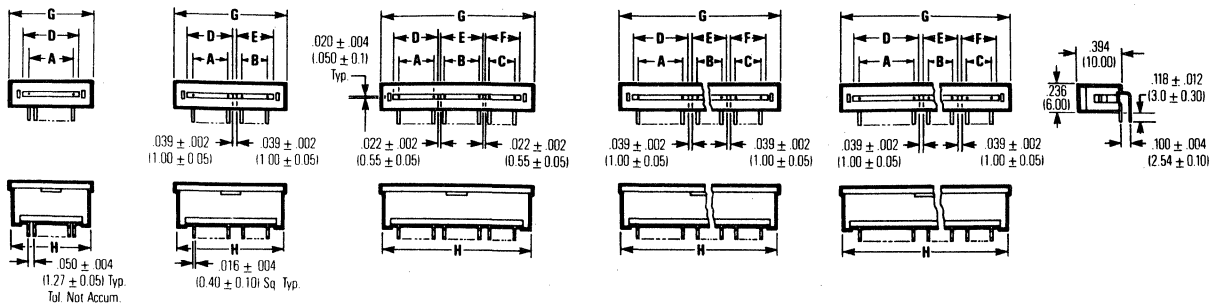
OUTLINE DRAWINGS

24P10



CONTACT SIZE	TYPE	A ± .004(0.10)		B ± .004(0.10)		C ± .004(0.10)		D†		E†		F†		G		H	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
4	1	.150	3.81					.252	6.41					.489	12.41	.435	11.04
6	1	.250	6.35					.352	8.95					.589	14.95	.535	13.58
8	1	.350	8.89					.452	11.49					.689	17.49	.635	16.12
9	1	.400	10.16					.502	12.76					.739	18.76	.685	17.39
10	1	.400	10.16					.502	12.76					.789	18.76	.685	17.39
12	1	.450	11.43					.552	14.03					.889	20.03	.735	18.66
14	2	.350	8.89	.250	.635			.452	11.49	.352	8.95			1.080	27.44	1.026	26.07
20	2	.550	13.97	.350	8.89			.652	16.57	.452	11.49			1.380	35.06	1.326	33.69
22	3	.350	8.89	.350	8.89	.250	6.35	.440	11.19	.428	10.88	.341	8.65	1.489	37.81	1.441	36.60
26	4	.450	11.43	.450	11.43	.250	6.35	.556	14.13	.556	14.13	.356	9.05	1.811	46.00	1.752	44.50
30	5	.550	13.97	.550	13.97	.250	6.35	.652	16.57	.652	16.57	.350	8.89	1.972	50.09	1.918	48.72
34	5	.550	13.97	.550	13.97	.450	11.43	.652	16.57	.652	16.57	.552	14.03	2.172	55.17	2.118	53.80

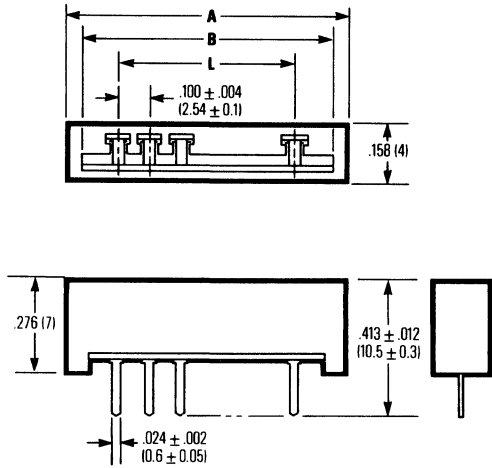
24P11



CONTACT SIZE	TYPE	A ± .004(0.10)		B ± .004(0.10)		C ± .004(0.10)		D†		E†		F†		G		H	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
4	1	.150	3.81					.252	6.41					.489	12.41	.435	11.04
6	1	.250	6.35					.352	8.95					.589	14.95	.535	13.58
8	1	.350	8.89					.452	11.49					.689	17.49	.635	16.12
9	1	.400	10.16					.502	12.76					.739	18.76	.685	17.39
10	1	.400	10.16					.502	12.76					.789	18.76	.685	17.39
12	1	.450	11.43					.552	14.03					.889	20.03	.735	18.66
14	2	.350	8.89	.250	.635			.452	11.49	.352	8.95			1.080	27.44	1.026	26.07
20	2	.550	13.97	.350	8.89			.652	16.57	.452	11.49			1.380	35.06	1.326	33.69
22	3	.350	8.89	.350	8.89	.250	6.35	.440	11.19	.428	10.88	.341	8.65	1.489	37.81	1.441	36.60
26	4	.450	11.43	.450	11.43	.250	6.35	.556	14.13	.556	14.13	.356	9.05	1.811	46.00	1.752	44.50
30	5	.550	13.97	.550	13.97	.250	6.35	.652	16.57	.652	16.57	.350	8.89	1.972	50.09	1.918	48.72
34	5	.550	13.97	.550	13.97	.450	11.43	.652	16.57	.652	16.57	.552	14.03	2.172	55.17	2.118	53.80

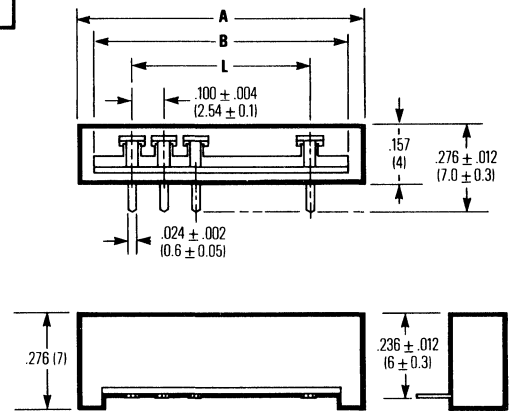
OUTLINE DRAWINGS

24P12



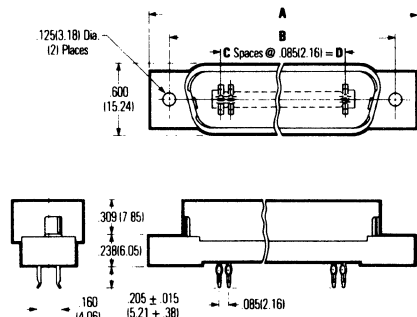
No. of Contacts	L		A		B	
	in	mm	in	mm	in	mm
5	.400	10.16	.606	15.29	.715	18.16
6	.500	12.70	.706	17.93	.815	20.70
7	.600	15.24	.806	20.47	.915	23.24
8	.700	17.78	.906	23.01	1.015	25.78
10	.900	22.86	1.106	28.09	1.215	30.86
12	1.100	27.94	1.306	33.17	1.415	35.94
14	1.300	33.02	1.506	38.25	1.615	41.02
16	1.500	38.10	1.706	43.33	1.815	46.10
17	1.600	40.64	1.806	45.87	1.915	48.64
18	1.700	43.18	1.906	48.41	2.015	51.18
19	1.800	45.72	2.006	50.95	2.115	53.72
20	1.900	48.26	2.106	53.49	2.215	56.26
21	2.000	50.80	2.206	56.03	2.315	58.80
22	2.100	53.34	2.306	58.57	2.415	61.34
24	2.300	58.42	2.506	63.65	2.615	66.42
25	2.400	60.96	2.606	66.19	2.715	68.96
27	2.600	66.04	2.806	71.27	2.915	74.04

24P13



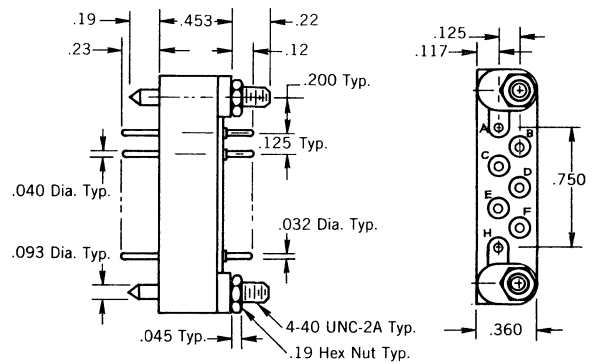
No. of Contacts	L		A		B	
	in	mm	in	mm	in	mm
5	.400	10.16	.606	15.29	.715	18.16
6	.500	12.70	.706	17.93	.815	20.70
7	.600	15.24	.806	20.47	.915	23.24
8	.700	17.78	.906	23.01	1.015	25.78
10	.900	22.86	1.106	28.09	1.215	30.86
12	1.100	27.94	1.306	33.17	1.415	35.94
14	1.300	33.02	1.506	38.25	1.615	41.02
16	1.500	38.10	1.706	43.33	1.815	46.10
17	1.600	40.64	1.806	45.87	1.915	48.64
18	1.700	43.18	1.906	48.41	2.015	51.18
19	1.800	45.72	2.006	50.95	2.115	53.72
20	1.900	48.26	2.106	53.49	2.215	56.26
21	2.000	50.80	2.206	56.03	2.315	58.80
22	2.100	53.34	2.306	58.57	2.415	61.34
24	2.300	58.42	2.506	63.65	2.615	66.42
25	2.400	60.96	2.606	66.19	2.715	68.96
27	2.600	66.04	2.806	71.27	2.915	74.04

24P14



No. of Contacts	A		B		C	D	
	in.	mm	in.	mm		in.	mm
14	1.745	44.32	1.417	35.99	6	.510	12.95
24	2.170	55.12	1.842	46.79	11	.935	23.75
36	2.680	68.07	2.352	59.74	17	1.445	36.70
50	3.275	83.19	2.947	74.85	24	2.040	51.82
64	3.875	98.43	3.542	89.97	31	2.635	66.93

42P1



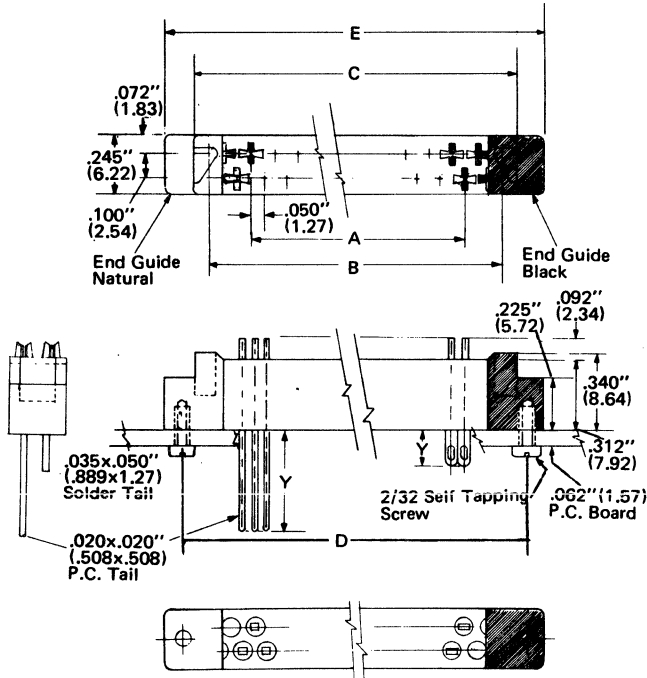
NO. OF CONTACTS	DIMENSIONS		
	A	B	C
7	1.150	1.000	1.275
15	2.150	2.000	2.275
19	2.650	2.500	2.775
25	3.400	3.250	3.525

.125 TYP. .03 R TYP. .03 TYP. .125 .375 MIN.

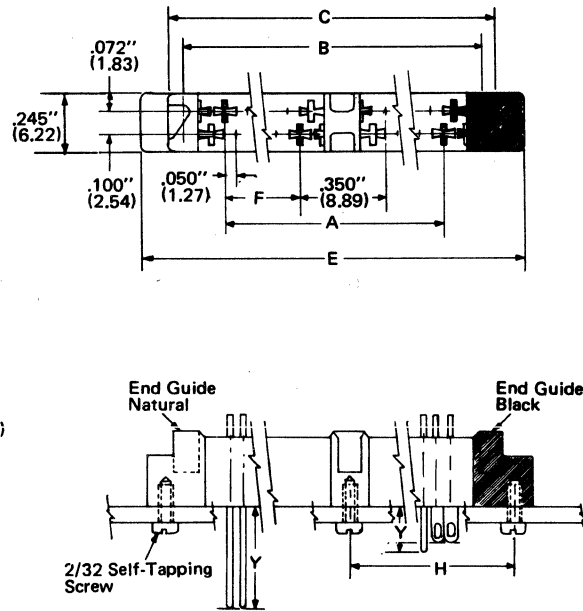
OUTLINE DRAWINGS

26P1

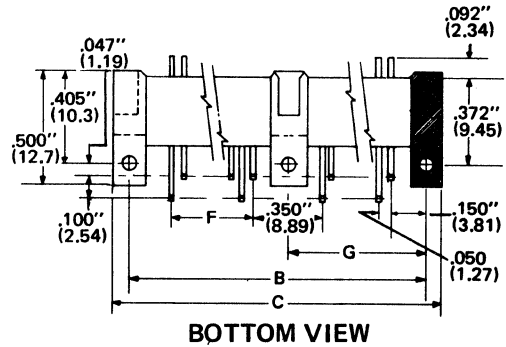
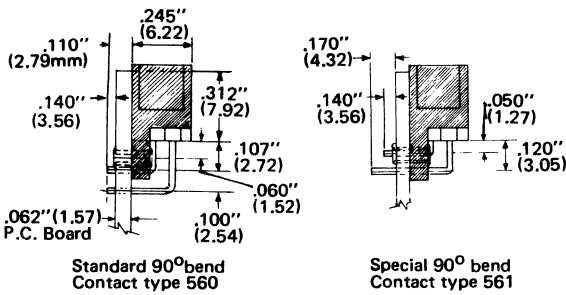
WITHOUT CENTRE GUIDE



WITH CENTRE GUIDE



90° BENDS WITH CONTACTS 560 and 561



BOTTOM VIEW

WITHOUT CENTRE GUIDE

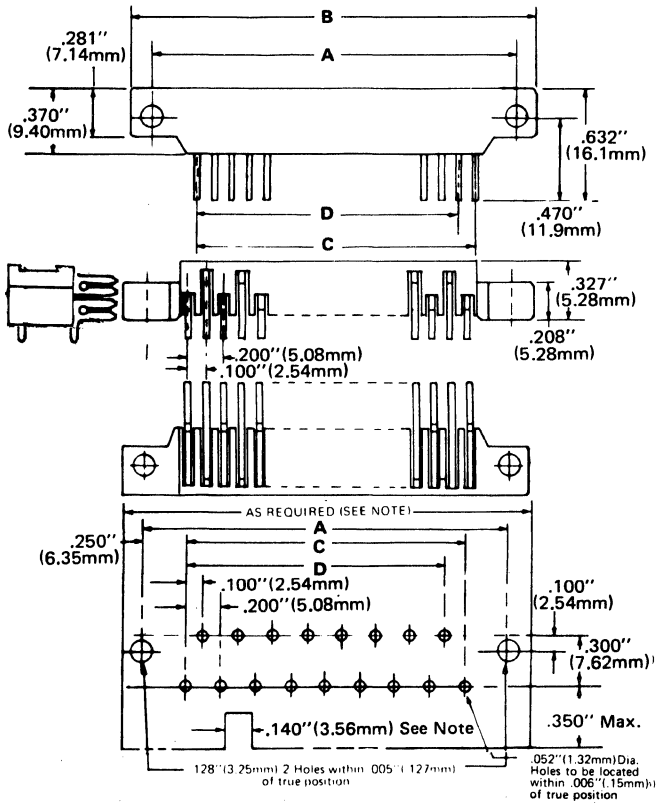
Number of Contacts	A		B		C		D		E	
	Inch.	mm	Inch.	mm	Inch.	mm	Inch.	mm	Inch.	mm
2	.050	1.27	.350	8.89	.490	12.4	.600	15.2	.740	18.8
4	.150	3.81	.450	11.4	.590	15.0	.700	17.8	.840	21.3
For each additional 2 contacts, Add	.100	2.54	.100	2.54	.100	2.54	.100	2.54	.100	2.54

WITH CENTRE GUIDE

Number of Contacts Inch.	A		B		C		D		E		F		G		H	
	Inch.	mm	Inch.	mm	Inch.	mm	Inch.	mm	Inch.	mm	Inch.	mm	Inch.	mm	Inch.	mm
4	.450	11.4	.740	19.1	.890	22.6	1.00	2.54	1.14	29.0	.050	1.27	.375	9.53	.500	12.7
8	.650	16.5	.950	24.1	1.09	27.7	1.20	30.5	1.34	34.0	.150	3.81	.475	12.1	.600	15.2
For each additional 4 contacts, Add	.200	5.08	.200	5.08	.200	5.08	.200	5.08	.200	5.08	.100	2.54	.100	2.54	.100	2.54

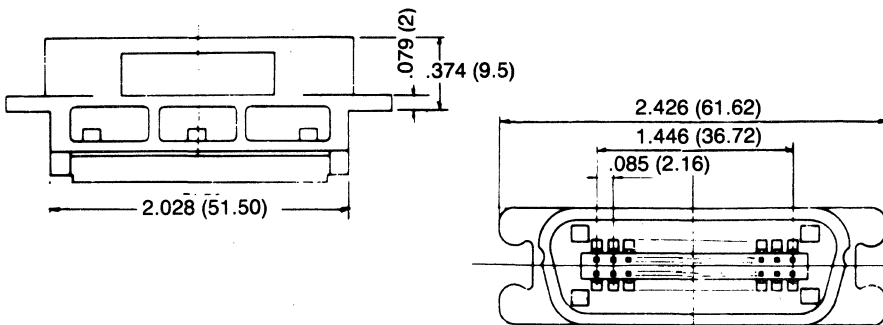
OUTLINE DRAWINGS

26P3



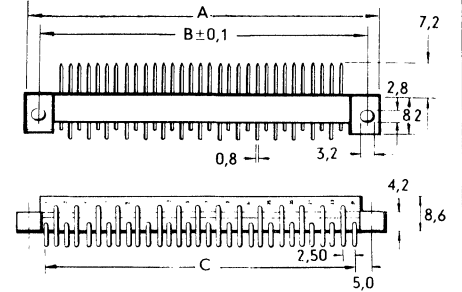
No. of Contacts	A		B		C		D	
	Inch.	mm	Inch.	mm	Inch.	mm	Inch.	mm
17	2.100	53.34	2.370	60.20	1.600	40.64	1.500	38.10
23	2.700	68.58	2.970	75.44	2.200	55.88	2.100	53.34
29	3.300	83.82	3.570	90.68	2.800	71.12	2.700	68.58
35	3.900	99.06	4.170	105.9	3.400	86.36	3.300	83.82
41	4.500	114.3	4.770	121.2	4.000	101.6	3.900	99.06
47	5.100	129.5	5.370	136.4	4.600	116.8	4.500	114.3

31P3



36P3

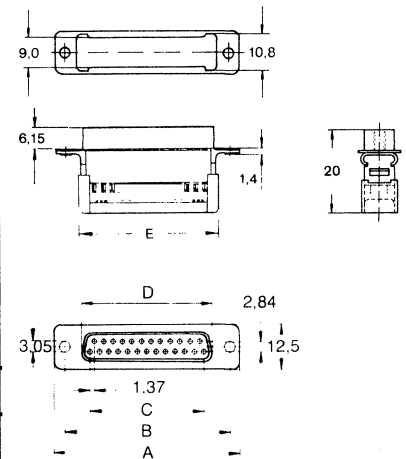
Plug



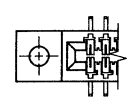
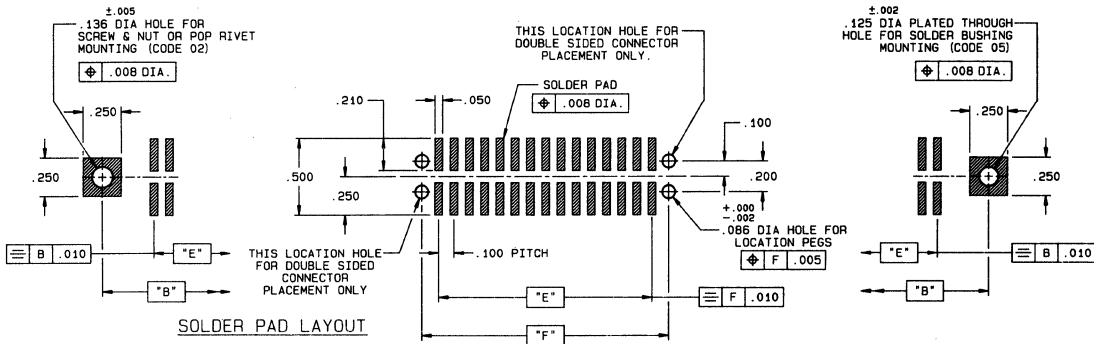
Dimensional data (plug)

No. of contacts	Dimensions in mm		
	A	B	C
13 way x 2.50	44,8	40,0	30,0
21 way x 2,50	64,8	60,0	50,0
31 way x 2,50	89,8	85,0	75,0
31 way x 2.54	89,8	85,0	76,2

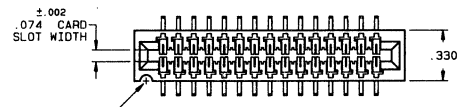
79P1



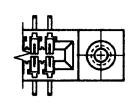
Polzahl Contacts	A	B	C	D	E
9	30,8	25,00	10,96	16,30	18,4
15	39,1	33,32	19,33	24,50	26,7
25	53,1	47,04	33,13	38,30	40,5
37	69,5	63,50	49,70	54,80	56,9



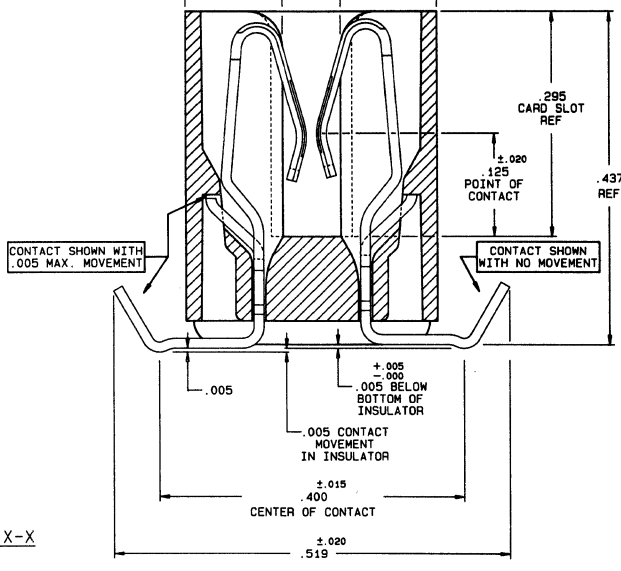
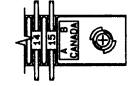
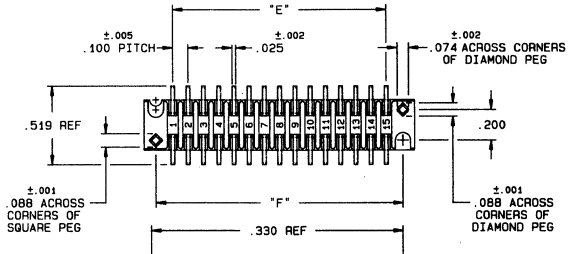
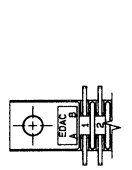
CODE 02 MOUNTING
.126 DIA THROUGH MOUNTING HOLES FOR POP RIVET OR SCREW & NUT ATTACHMENT TO BOARD



CODE 06 MOUNTING
NO MOUNTING LUGS
MOLDED PEGS ARE PROVIDED FOR LOCATION AND RETENTION BEFORE SOLDERING



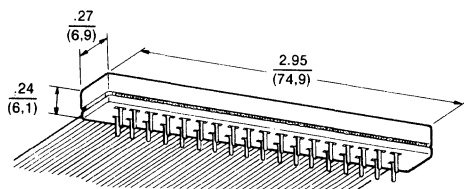
CODE 05 MOUNTING
SOLDER BUSHING MOUNT FOR SINGLE SIDED OR BACK TO BACK CONNECTOR PLACEMENT



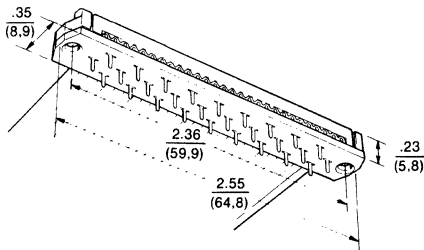
SECTION X-X

OUTLINE DRAWINGS

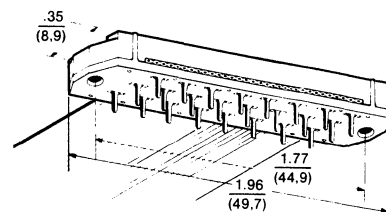
28P5



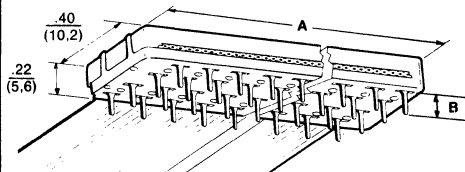
28P4



28P3

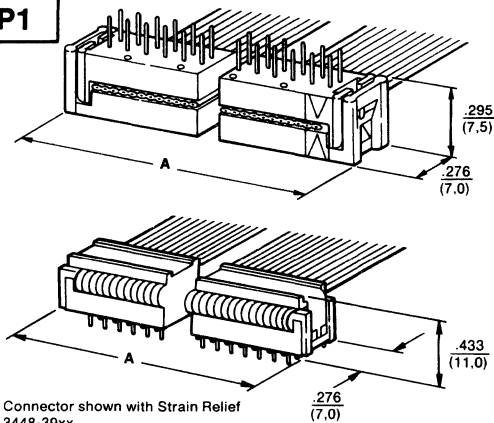


28P2



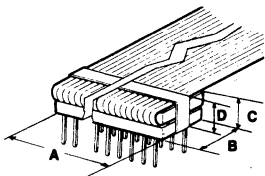
CONTACT QUANTITY	DIMENSIONS	
	A	B
10	.70 (17,8)	.100 (2,54) .100 (2,54) .156 (3,96)
20	1.20 (30,5)	.100 (2,54) .100 (2,54) .156 (3,96)
26	1.50 (38,1)	.100 (2,54) .100 (2,54) .156 (3,96)
34	1.90 (48,3)	.100 (2,54) .100 (2,54) .156 (3,96)
40	2.20 (55,9)	.100 (2,54) .100 (2,54) .156 (3,96)
50	2.70 (68,6)	.100 (2,54) .100 (2,54) .156 (3,96)

28P1

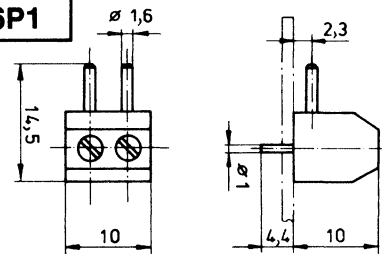


CONTACT QUANTITY	DIMENSION A
10	.80 (20,4)
14	1.00 (25,5)
16	1.10 (28,1)
20	1.30 (33,1)
26	1.60 (40,8)
34	2.00 (50,9)
40	2.30 (58,5)
50	2.80 (71,2)
60	3.30 (83,9)
64	3.50 (89,0)

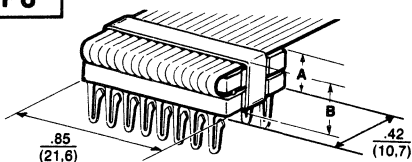
28P6



96P1



28P8



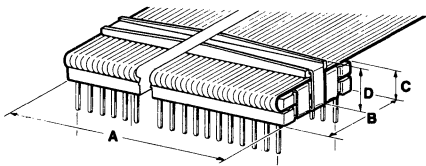
CONTACT QUANTITY	DIMENSIONS	
	A (WITHOUT STRAIN RELIEF)	B WITH STRAIN RELIEF
16	.20 (5,2)	.28 (7,1)

CONTACT QUANTITY	LEG TYPE	CONTACT PLATING	DIMENSIONS			
			A	B	C (WITHOUT STRAIN RELIEF)	D (WITH STRAIN RELIEF)
14	RECTANGULAR	GOLD OVER NICKEL	.75" (19.1)	.42" (10.7)	.18" (4.7)	.28" (7.1)
	ROUND	GOLD OVER NICKEL				
	RECTANGULAR	TIN ALLOY				
	RECTANGULAR	TIN ALLOY				
16	RECTANGULAR	GOLD OVER NICKEL	.85" (21.6)			
	ROUND	GOLD OVER NICKEL				
	RECTANGULAR	TIN ALLOY				
	RECTANGULAR	TIN ALLOY				

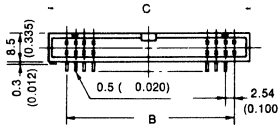
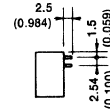
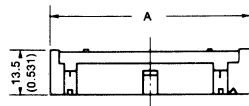
POLES	LENGTH	
	mm	in
2	10	.39
3	15	.59
4	20	.79
5	25	.98
6	30	1.18
7	35	1.38
8	40	1.57
9	45	1.77
10	50	1.97
11	55	2.17
12	60	2.36
13	65	2.56
14	70	2.76
15	75	2.95
16	80	3.15
17	85	3.35
18	90	3.54
19	95	3.74
20	100	3.94
21	105	4.13
22	110	4.33
23	115	4.53
24	120	4.72
25		
26		
27		

OUTLINE DRAWINGS

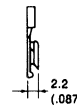
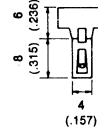
28P7



34P4



POLARIZING KEY
FCN-700A2

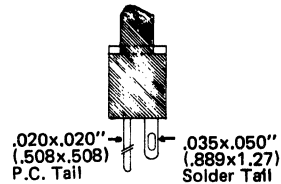
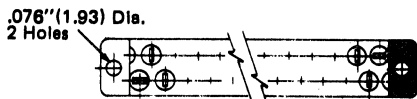
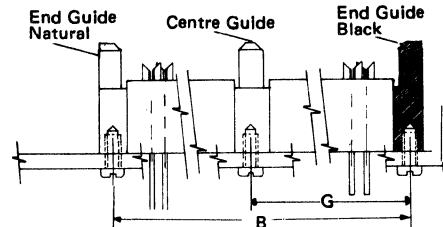
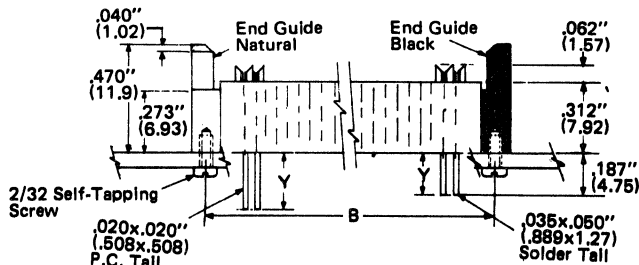
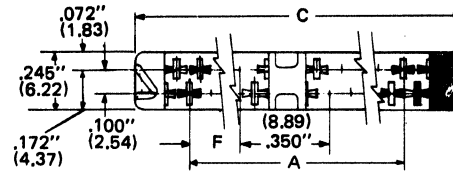
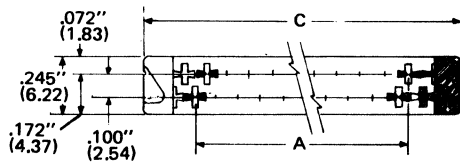


Unit: mm (in.)

No. of Contacts	Designations	Dimensions		
		A	B	C
10	FCN-7450010-AU/O	20.3 (.800)	10.16 (.400)	17.72 (.700)
14	FCN-7450014-AU/O	25.4 (1.0)	15.24 (.600)	22.80 (.900)
16	FCN-7450016-AU/O	27.9 (1.100)	17.78 (.900)	25.34 (1.000)
20	FCN-7450020-AU/O	33.0 (1.300)	22.86 (.900)	30.42 (1.200)
24	FCN-7450024-AU/O	38.1 (1.500)	27.94 (1.100)	35.50 (1.500)
26	FCN-7450026-AU/O	40.6 (1.600)	30.48 (1.200)	38.04 (1.500)
30	FCN-7450030-AU/O	45.7 (1.800)	35.56 (1.400)	43.12 (1.700)
34	FCN-7450034-AU/O	50.8 (2.0)	40.64 (1.600)	48.20 (1.900)
40	FCN-7450040-AU/O	58.4 (2.300)	48.26 (1.900)	55.82 (2.200)
50	FCN-7450050-AU/O	71.1 (2.800)	60.96 (2.400)	68.52 (2.700)
60	FCN-7450060-AU/O	83.8 (3.300)	73.66 (2.900)	81.22 (3.200)

CONTACT QUANTITY	LEG TYPE	CONTACT PLATING	DIMENSIONS			
			A	B	C (WITHOUT STRAIN RELIEF)	D (WITH STRAIN RELIEF)
24	RECTANGULAR	GOLD OVER NICKEL	1.24 (31.5)	.72 (18.3)	.21 (5.4)	.37 (9.3)
	ROUND	GOLD OVER NICKEL				
	RECTANGULAR	TIN ALLOY				
40	RECTANGULAR	GOLD OVER NICKEL	2.05 (52.1)			
	ROUND	GOLD OVER NICKEL				
	RECTANGULAR	TIN ALLOY				

26P2



DIMENSIONS CHART

WITHOUT CENTRE GUIDE

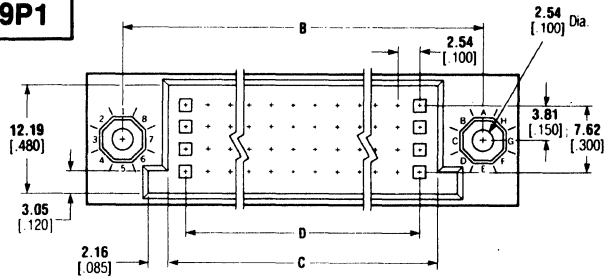
Number of Contacts	A		B		C	
	Inch.	mm	Inch.	mm	Inch.	mm
2	.050	1.27	.350	8.89	.490	12.4
4	.150	3.81	.450	11.4	.590	15.0
For each additional 2 contacts, Add	.100	2.54	.100	2.54	.100	2.54

WITH CENTRE GUIDE

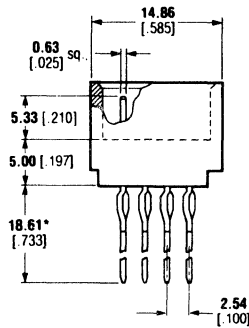
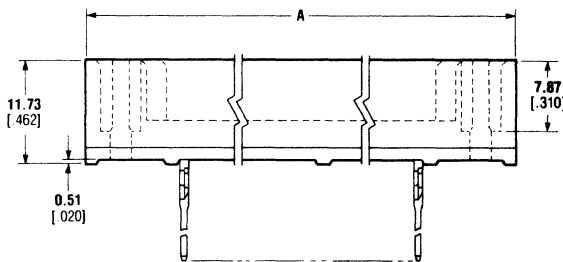
Number of Contacts	A		B		C		F		G	
	Inch.	mm	Inch.	mm	Inch.	mm	Inch.	mm	Inch.	mm
4	.450	11.4	.750	19.1	.890	22.6	.050	1.27	.375	9.53
8	.650	16.5	.950	24.1	1.09	27.7	.150	3.81	.475	12.1
For each additional 4 contacts, Add	.200	5.08	.200	5.08	.200	5.08	.100	2.54	.100	2.54

OUTLINE DRAWINGS

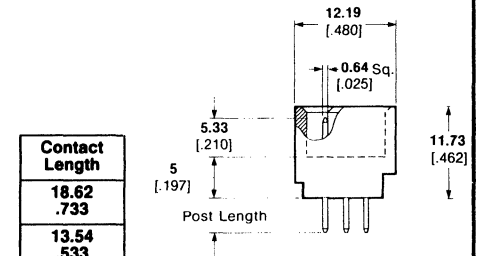
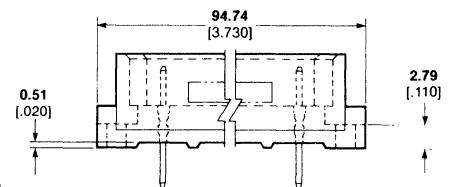
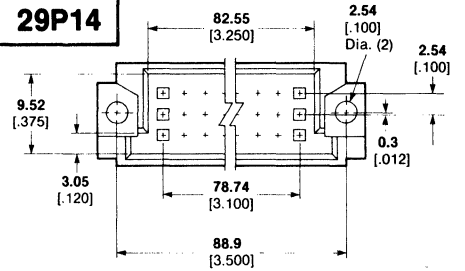
29P1



Number of Positions	Dimensions			
	A	B	C	D
100	82.55 3.250	74.93 2.950	64.77 2.550	60.96 2.400
128	100.33 3.950	92.71 3.650	82.55 3.250	78.74 3.100
160	120.65 4.750	113.03 4.450	102.87 4.050	99.06 3.900
180	133.35 5.250	125.73 4.950	115.57 4.550	111.78 4.400
200	146.05 5.750	138.43 5.450	128.27 5.050	124.46 4.900
240	171.45 6.750	163.83 6.450	153.87 6.050	149.86 5.900
300	209.55 8.250	201.93 7.950	191.77 7.550	187.96 7.400

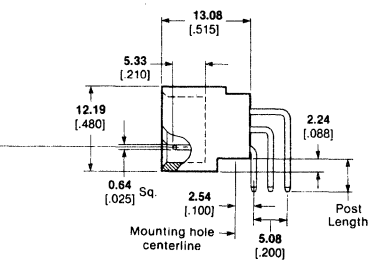
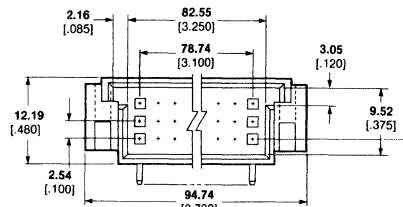
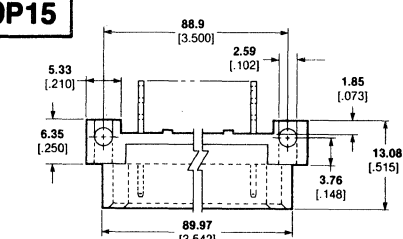


29P14



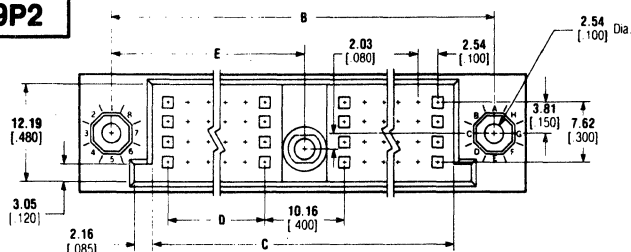
Post Length
18.62 .733
13.54 .533
6.35 .250
4.83 .190

29P15

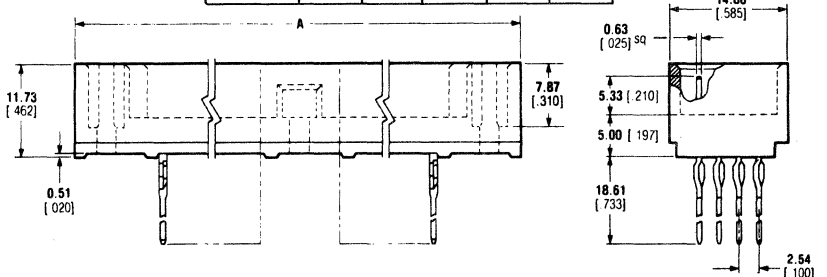


Post Length
4.57 .180
3.05 .120

29P2

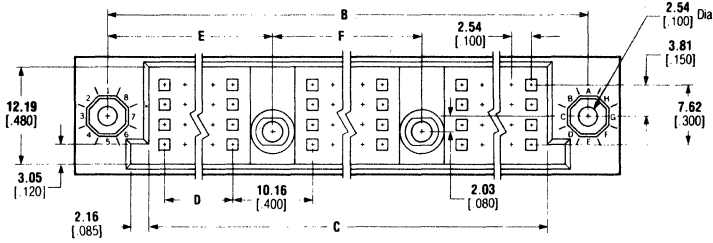


Number of Positions	Dimensions				
	A	B	C	D	E
320	229.87 9.050	222.25 8.750	212.09 8.350	99.06 3.900	111.12 4.375
344	245.11 9.650	237.49 9.350	227.33 8.950	106.68 4.200	118.74 4.675
368	260.35 10.250	252.73 9.950	242.57 9.550	114.30 4.500	126.36 4.975
392	275.59 10.850	267.97 10.550	257.81 10.150	121.92 4.800	133.98 5.275
416	290.83 11.450	283.21 11.150	273.05 10.750	129.54 5.100	141.60 5.575
440	306.07 12.050	298.45 11.750	288.29 11.350	137.16 5.400	149.22 5.875
464	321.31 12.650	313.69 12.350	303.53 11.950	144.78 5.700	156.84 6.175
488	336.55 13.250	328.93 12.950	318.77 12.550	152.40 6.000	164.46 6.475

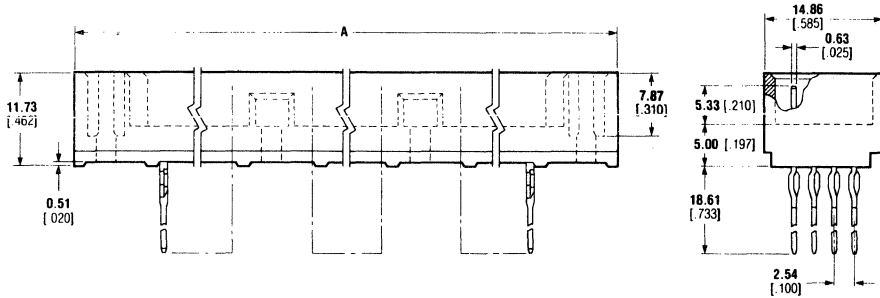


OUTLINE DRAWINGS

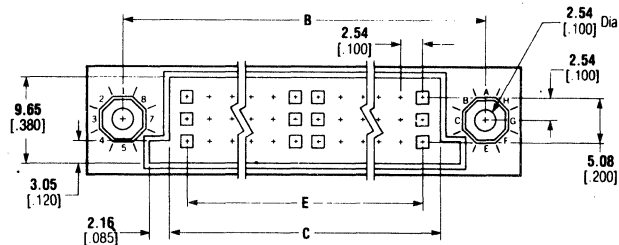
29P3



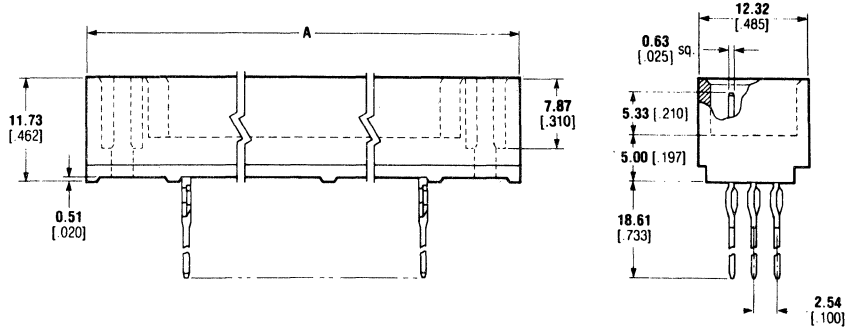
Number of Positions	Dimensions					
	A	B	C	D	E	F
516	361.95 14.250	354.33 13.950	344.17 13.550	106.68 4.200	118.74 4.675	116.84 4.600
540	377.19 14.850	369.57 14.550	359.41 14.150	111.76 4.400	123.82 4.875	121.92 4.800
564	392.43 15.450	384.81 15.150	374.65 14.750	116.84 4.600	128.90 5.075	127.00 5.000
588	407.67 16.050	400.05 15.750	389.89 15.350	121.92 4.800	133.98 5.275	132.08 5.200
612	422.91 16.650	415.29 16.350	405.13 15.950	127.00 5.000	139.06 5.475	137.16 5.400
636	438.15 17.250	430.53 16.950	420.37 16.550	132.08 5.200	144.14 5.675	142.24 5.600
660	453.39 17.850	445.77 17.550	435.61 17.150	137.16 5.400	149.22 5.875	147.32 5.800
684	468.63 18.450	461.01 18.150	450.85 17.750	142.24 5.600	154.30 6.075	152.40 6.000



29P4

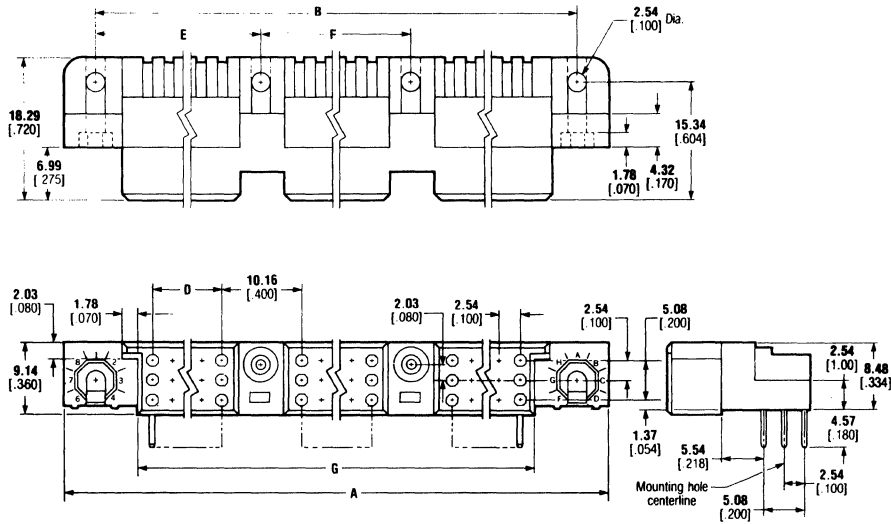


No. of Positions	Dimensions				
	A	B	C	D	E
96	100.33 3.950	92.71 3.650	82.55 3.250	81.89 3.224	78.74 3.100
120	120.65 4.750	113.03 4.450	102.87 4.050	102.21 4.024	99.06 3.900
165	158.75 6.250	151.13 5.950	140.97 5.550	140.31 5.524	137.16 5.400
210	196.85 7.750	189.23 7.450	179.07 7.050	178.41 7.024	175.26 6.900
225	209.55 8.250	201.93 7.950	191.77 7.550	191.11 7.524	187.96 7.400



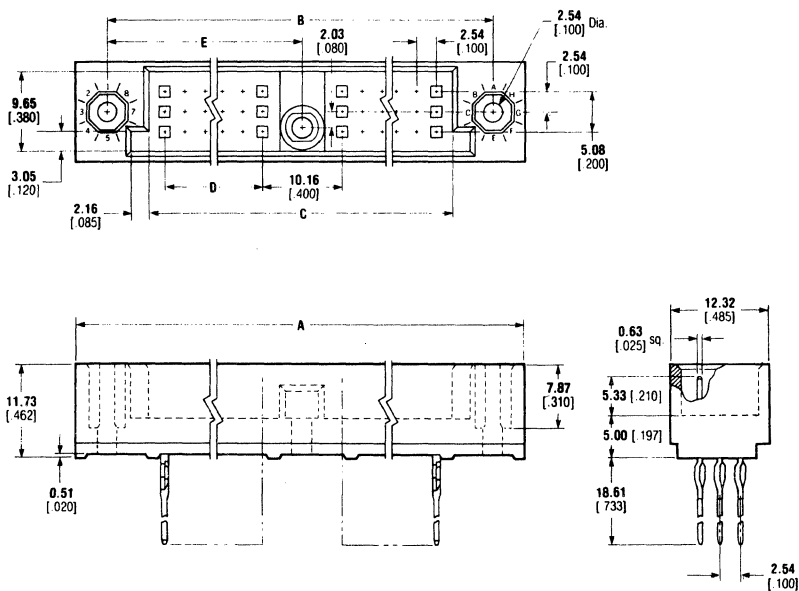
OUTLINE DRAWINGS

29P5



Number of Positions	Dimensions						
	A	B	C	D	E	F	G
387	361.95 14.250	354.33 13.950	344.17 13.550	106.68 4.200	118.74 4.675	116.84 4.600	343.51 13.524
405	377.19 14.850	369.57 14.550	359.41 14.150	111.76 4.400	123.82 4.875	121.92 4.800	358.75 14.124

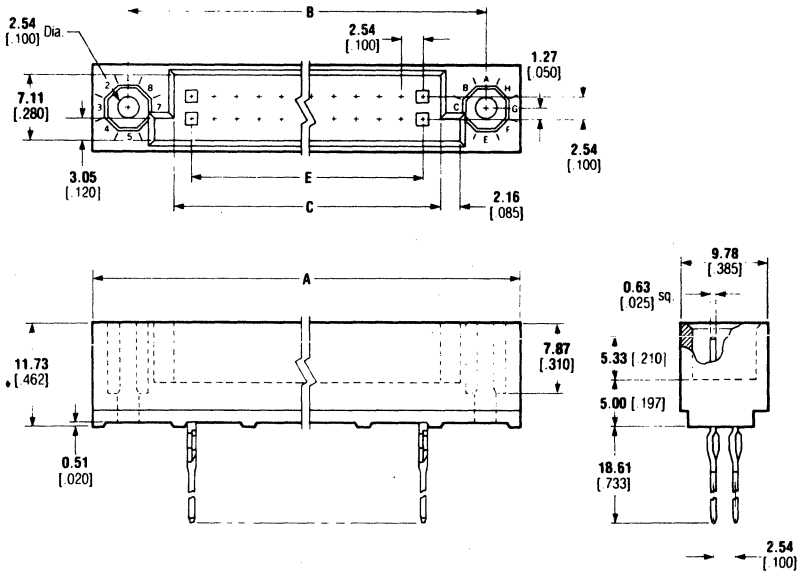
29P6



Number of Positions	Dimensions				
	A	B	C	D	E
240	229.87 9.050	222.25 8.750	212.09 8.350	99.06 3.900	111.12 4.375
258	245.11 9.650	237.49 9.350	227.33 8.950	106.68 4.200	118.74 4.675
276	260.35 10.250	252.73 9.950	242.57 9.550	114.30 4.500	126.36 4.975
294	275.59 10.850	267.97 10.550	257.81 10.150	121.92 4.800	133.98 5.275
312	290.83 11.450	283.21 11.150	273.05 10.750	129.54 5.100	141.60 5.575
330	306.07 12.050	298.45 11.750	288.29 11.350	137.16 5.400	149.22 5.875
348	321.31 12.650	313.69 12.350	303.53 11.950	144.78 5.700	156.84 6.175
366	336.55 13.250	328.93 12.950	318.77 12.550	152.40 6.000	164.46 6.475

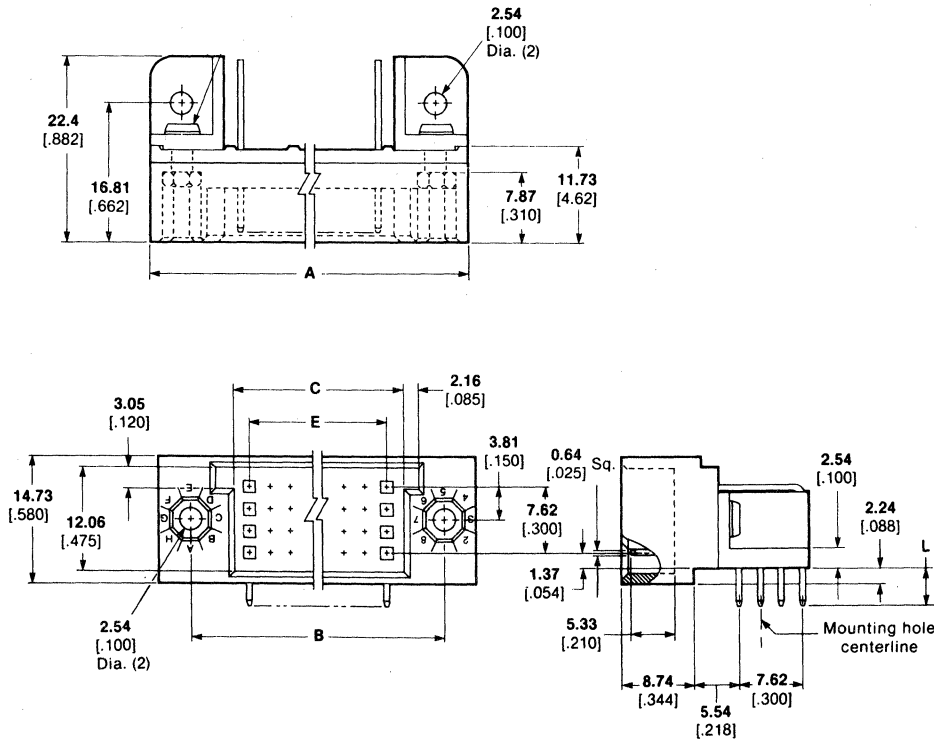
OUTLINE DRAWINGS

29P7



No. of Positions	Dimensions				
	A	B	C	D	E
60	95.25 3.750	87.63 3.450	77.47 3.050	76.81 3.024	73.66 2.900
70	107.95 4.250	100.33 3.950	90.17 3.550	89.51 3.524	86.36 3.400
80	120.65 4.750	113.03 4.450	102.87 4.050	102.21 4.024	99.06 3.900
100	146.05 5.750	138.43 5.450	128.27 5.050	127.61 5.024	124.46 4.900
110	158.75 6.250	151.13 5.950	140.97 5.550	140.31 5.524	137.16 5.400
140	196.85 7.750	189.23 7.450	179.07 7.050	178.41 7.024	175.26 6.900
150	209.55 8.250	201.93 7.950	191.77 7.550	191.11 7.524	187.96 7.400

29P8

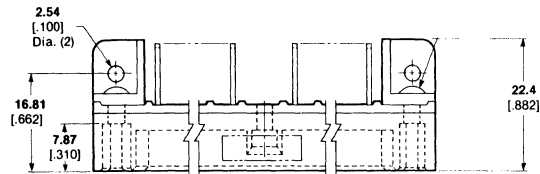


No. of Pos.	Dimensions			
	A	B	C	E
100	82.55 3.250	74.93 2.950	64.77 2.550	60.96 2.400
120	95.25 3.750	87.63 3.450	77.47 3.050	73.66 2.900
128	100.33 3.950	92.71 3.650	82.55 3.250	78.74 3.100
140	107.95 4.250	100.33 3.950	90.17 3.550	86.36 3.400
160	120.65 4.750	113.03 4.450	102.87 4.050	99.06 3.900
180	133.35 5.250	125.73 4.950	115.57 4.550	111.76 4.400
200	146.05 5.750	138.43 5.450	128.27 5.050	124.46 4.900
220	158.75 6.250	151.13 5.950	140.97 5.550	137.16 5.400
240	171.45 6.750	163.83 6.450	153.67 6.050	149.86 5.900
260	184.15 7.250	176.53 6.950	166.37 6.550	162.56 6.400
280	196.85 7.750	189.23 7.450	179.07 7.050	175.26 6.900
300	209.55 8.250	201.93 7.950	191.77 7.550	187.96 7.400

L = 4.57 [180] L = 3.05 [120]

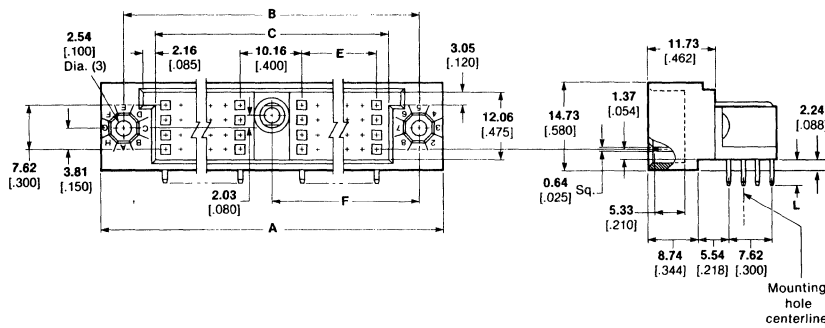
OUTLINE DRAWINGS

29P9

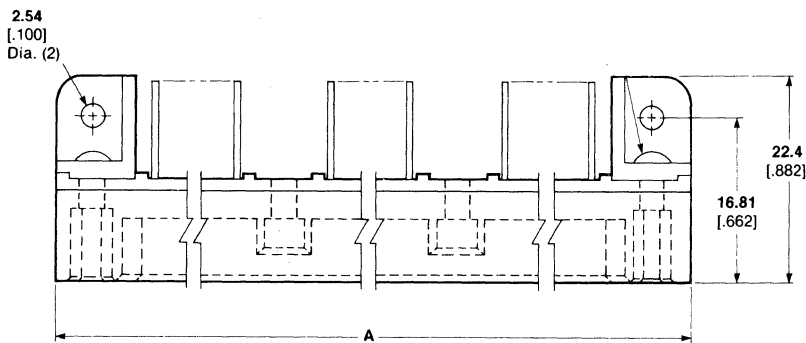


No. of Pos.	Dimensions				
	A	B	C	E	F
320	229.87 9.050	222.25 8.750	212.09 8.350	99.06 3.900	111.12 4.375
344	245.11 9.650	237.49 9.350	227.33 8.950	106.68 4.200	118.74 4.675
368	260.35 10.250	252.73 9.950	242.57 9.550	114.30 4.500	126.36 4.975
392	275.59 10.850	267.97 10.550	257.81 10.150	121.92 4.800	133.98 5.275
416	290.83 11.450	283.21 11.150	273.05 10.750	129.54 5.100	141.60 5.575
440	306.07 12.050	298.45 11.750	288.29 11.350	137.16 5.400	149.22 5.875
464	321.31 12.650	313.69 12.350	303.53 11.950	144.78 5.700	156.84 6.175
488	336.55 13.250	328.93 12.950	318.77 12.550	152.40 6.000	164.46 6.475

L = 4.57 [.180] L = 3.05 [.120]

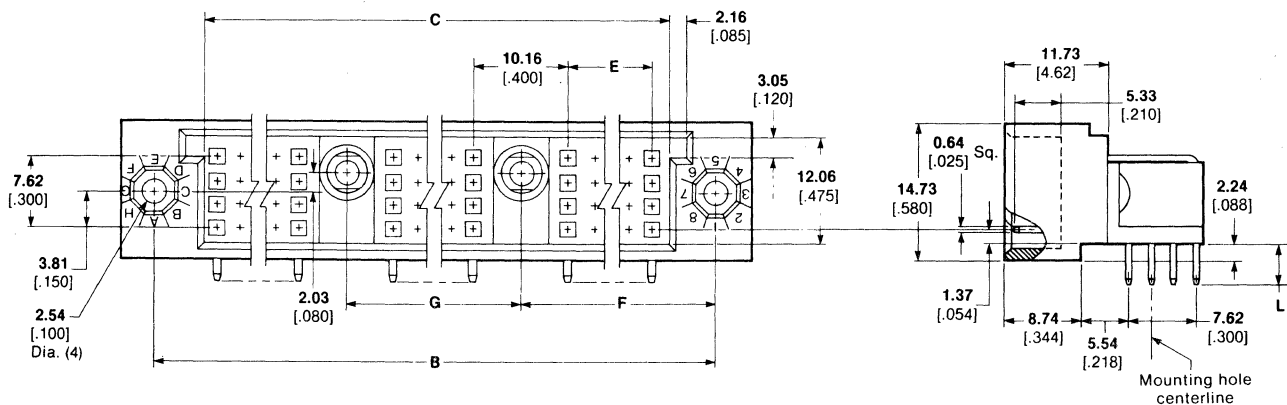


29P10



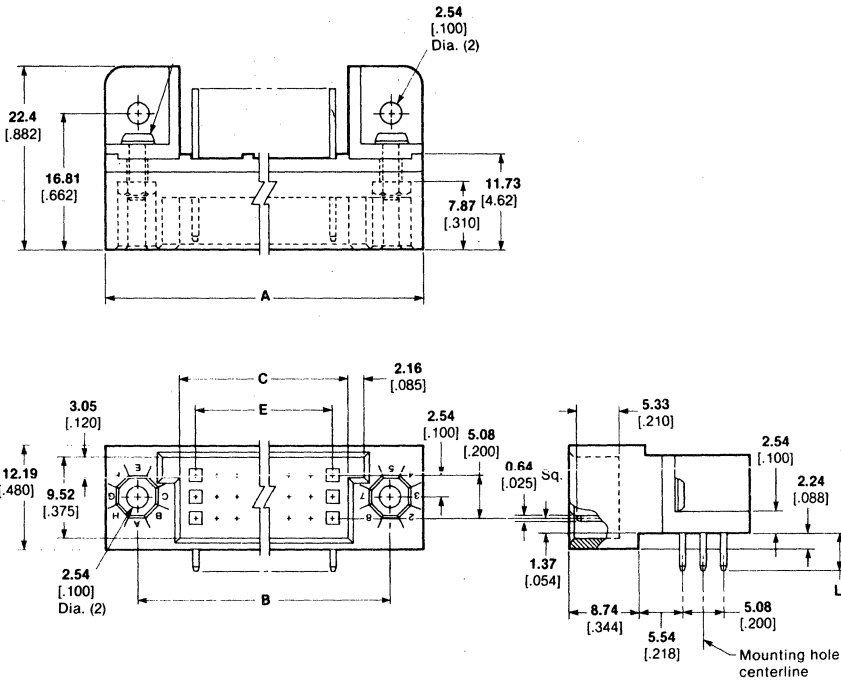
No. of Pos.	Dimensions						
	A	B	C	E	F	G	
516	361.95 14.250	354.33 13.950	344.17 13.550	106.68 4.200	118.74 4.675	116.84 4.600	
540	377.19 14.850	369.57 14.550	359.41 14.150	111.76 4.400	123.82 4.875	121.92 4.800	
564	392.43 15.450	384.81 15.150	374.65 14.750	116.84 4.600	128.90 5.075	127.00 5.000	
588	407.67 16.050	400.05 15.750	389.89 15.350	121.92 4.800	133.98 5.275	132.08 5.200	
612	422.91 16.650	415.29 16.350	405.13 15.950	127.00 5.000	139.06 5.475	137.16 5.400	
636	438.15 17.250	430.53 16.950	420.37 16.550	132.08 5.200	144.14 5.675	142.24 5.600	
660	453.39 17.850	445.77 17.550	435.61 17.150	137.16 5.400	149.22 5.875	147.32 5.800	
684	468.63 18.450	461.01 18.150	450.95 17.750	142.24 5.600	154.30 6.075	152.40 6.000	

L = 4.57 [.180] L = 3.05 [.120]



OUTLINE DRAWINGS

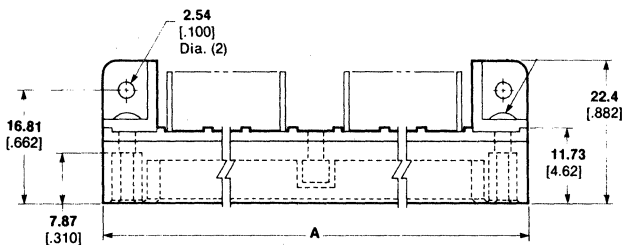
29P11



No. of Pos.	Dimensions			
	A	B	C	E
75	82.55 3.250	74.93 2.950	64.77 2.550	60.96 2.400
90	95.25 3.750	87.63 3.450	77.47 3.050	73.66 2.900
96	100.33 3.950	92.71 3.650	82.55 3.250	78.74 3.100
105	107.95 4.250	100.33 3.950	90.17 3.550	86.36 3.400
120	120.65 4.750	113.03 4.450	102.87 4.050	99.06 3.900
135	133.35 5.250	125.73 4.950	115.57 4.550	111.76 4.400
150	146.05 5.750	138.43 5.450	128.27 5.050	124.46 4.900
165	158.75 6.250	151.13 5.950	140.97 5.550	137.16 5.400
180	171.45 6.750	163.83 6.450	153.67 6.050	149.86 5.900
195	184.15 7.250	176.53 6.950	166.37 6.550	162.56 6.400
210	196.85 7.750	189.23 7.450	179.07 7.050	175.26 6.900
225	209.55 8.250	201.93 7.950	191.77 7.550	187.96 7.400

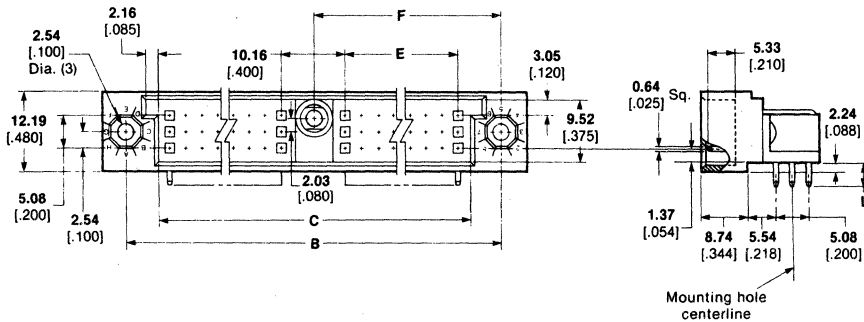
L=4.57 [.180] L=3.05 [.120]

29P12



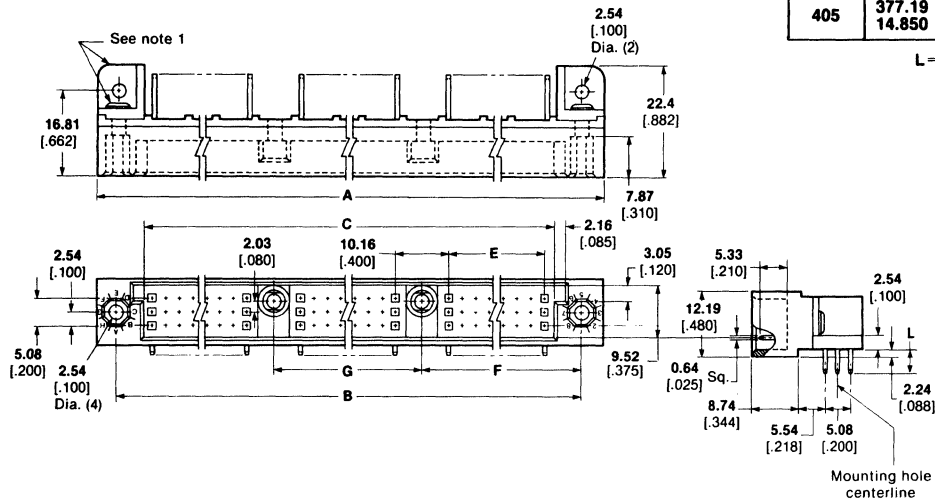
No. of Pos.	Dimensions				
	A	B	C	E	F
240	229.87 9.050	222.25 8.750	212.09 8.350	99.06 3.900	111.12 4.375
258	245.11 9.650	237.49 9.350	227.33 8.950	106.68 4.200	118.74 4.675
276	260.35 10.250	252.73 9.950	242.57 9.550	114.30 4.500	126.36 4.975
294	275.59 10.850	267.97 10.550	257.81 10.150	121.92 4.800	133.98 5.275
312	290.83 11.450	283.21 11.150	273.05 10.750	129.54 5.100	141.60 5.575
330	306.07 12.050	298.45 11.750	288.29 11.350	137.16 5.400	149.22 5.875
348	321.31 12.650	313.69 12.350	303.53 11.950	144.78 5.700	156.84 6.175
366	336.55 13.250	328.93 12.950	318.77 12.550	152.40 6.000	164.46 6.475

L=4.57 [.180] L=3.05 [.120]



OUTLINE DRAWINGS

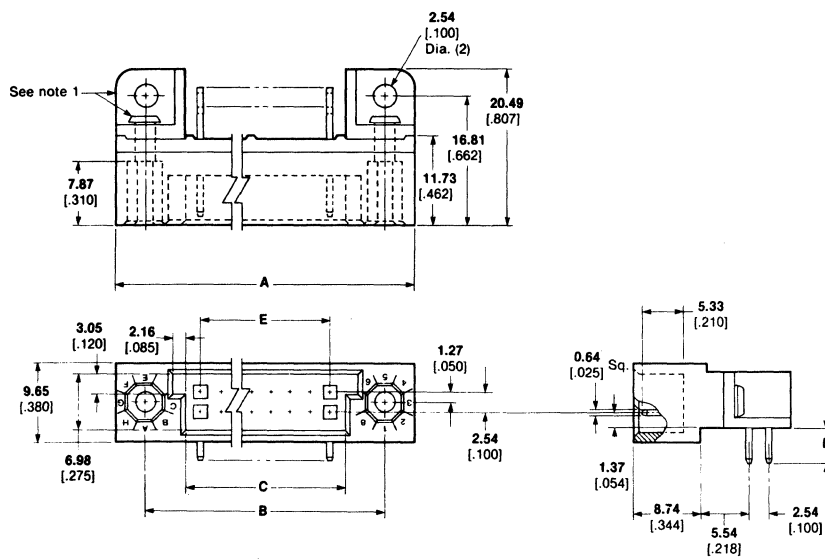
29P13



No. of Pos.	Dimensions					
	A	B	C	E	F	G
387	361.95 14.250	354.33 13.950	344.17 13.550	106.68 4.200	118.74 4.675	116.84 4.600
405	377.19 14.850	369.57 14.550	359.41 14.150	111.76 4.400	123.82 4.875	121.92 4.800

L = 4.57 [.180] L = 3.05 [.120]

29P16



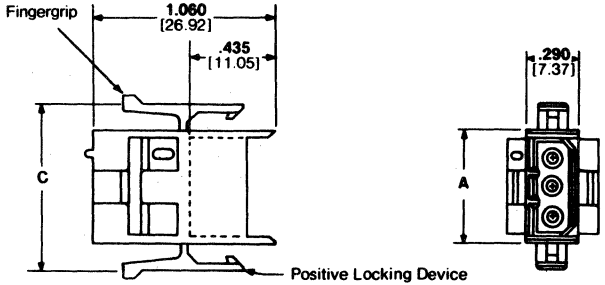
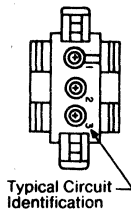
No. of Pos.	Dimensions			
	A	B	C	E
20	44.45 1.750	36.83 1.450	26.67 1.050	22.86 .900
30	57.15 2.250	49.53 1.950	39.37 1.550	35.56 1.400
40	69.85 2.750	62.23 2.450	52.07 2.050	48.26 1.900
50	82.55 3.250	74.93 2.950	64.77 2.550	60.96 2.400
60	95.25 3.750	87.63 3.450	77.47 3.050	73.66 2.900
70	107.95 4.250	100.33 3.950	90.17 3.550	86.36 3.400
80	120.65 4.750	113.03 4.450	102.87 4.050	99.06 3.900
90	133.35 5.250	125.73 4.950	115.57 4.550	111.76 4.400
100	146.05 5.750	138.43 5.450	128.27 5.050	124.46 4.900
110	158.75 6.250	151.13 5.950	140.97 5.550	137.16 5.400
120	171.45 6.750	163.83 6.450	153.67 6.050	149.86 5.900
130	184.15 7.250	176.53 6.950	166.37 6.550	162.56 6.400
140	196.85 7.750	189.23 7.450	179.07 7.050	175.26 6.900
150	209.55 8.250	201.93 7.950	191.77 7.550	187.96 7.400

L = 4.57 [.180] L = 3.05 [.120]

OUTLINE DRAWINGS

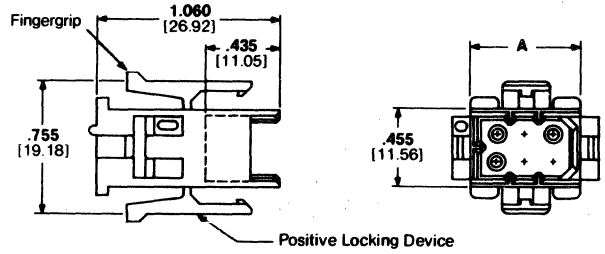
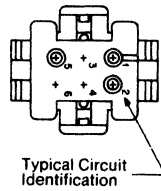
29P17

2 and 3 Circuit Housings

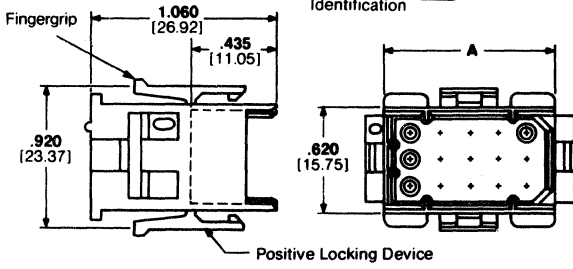
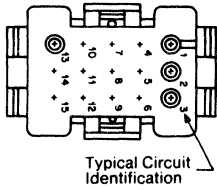


No. of Pos.	Dimensions		
	A	B	C
2	.455 11.56	.365 9.27	.755 19.18
3	.620 15.75	.530 13.46	.920 23.37
4	.455 11.56	-	-
6	.620 15.75	-	-
9	.620 15.75	-	-
12	.785 19.94	-	-
15	.950 24.13	-	-

4 and 6 Circuit Housings



9, 12 and 15 Circuit Housings

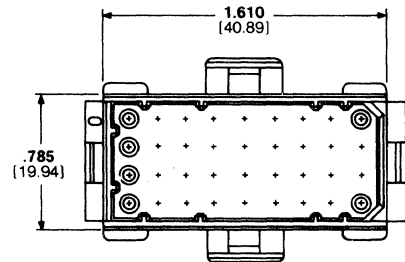
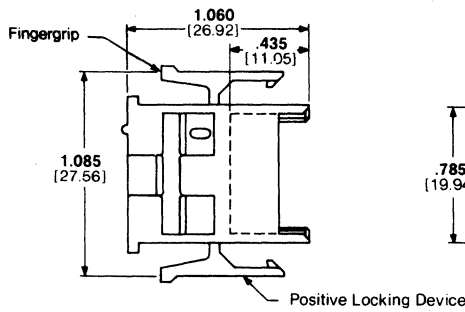
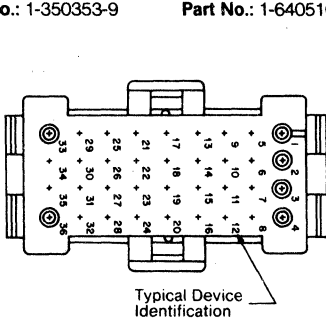


29P19

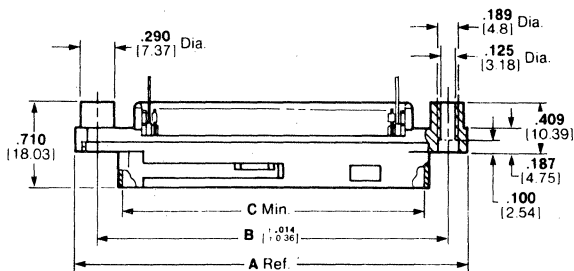
36 Circuit Housings

Color: Standard black*
Material: 94V-2 nylon
Part No.: 1-350353-9

Color: Brick red
Material: 94V-0 flame-retardant nylon
Part No.: 1-640516-0



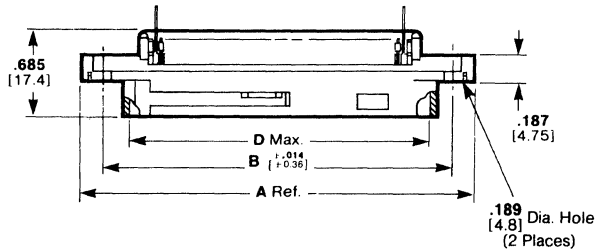
29P22



No. of Pos.	Dimensions		
	A	B	C
14	1.750 44.45	1.416 35.97	1.001 25.42
24	2.175 55.25	1.842 46.79	1.426 36.22
36	2.685 68.2	2.352 59.74	1.936 49.17
50	3.280 83.31	2.946 74.75	2.531 64.29
64	3.875 98.43	3.542 89.97	3.126 79.4

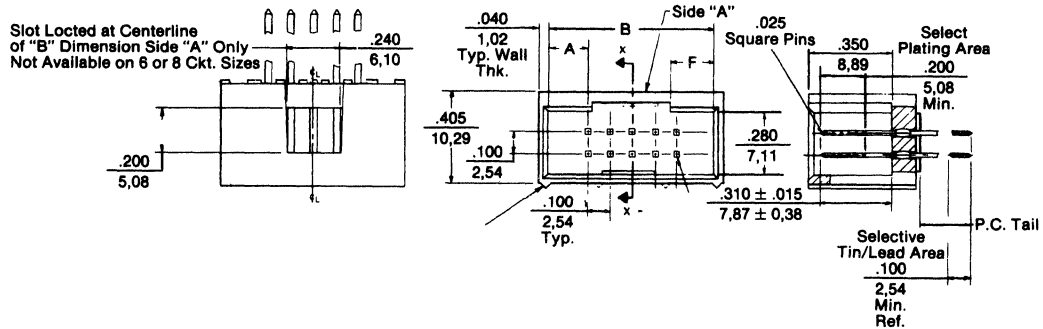
OUTLINE DRAWINGS

29P23



No. of Pos.	Dimensions		
	A	B	D
14	1.750 44.45	1.416 35.97	1.000 25.4
24	2.175 55.25	1.842 46.79	1.425 36.2
36	2.685 68.2	2.352 59.74	1.935 49.15
50	3.280 83.31	2.946 74.75	2.530 64.26
64	3.875 98.43	3.542 89.97	3.125 79.38

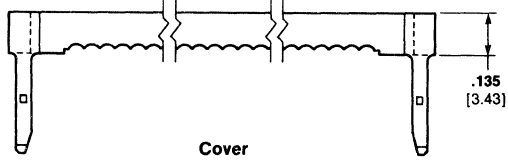
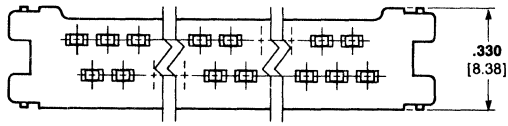
38P2



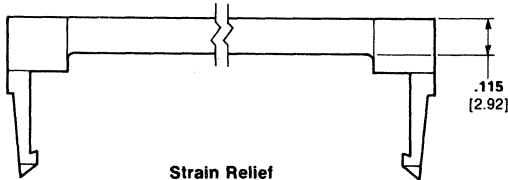
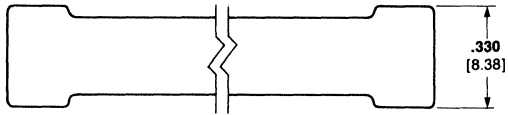
MATES WITH 70450							
		Dim. A		Dim. F			
		.066		.090			
		1.68		2.29			
Circuits	Dim. B	Circuits	Dim. B	Circuits	Dim. B	Circuits	Dim. B
6	.332 8.43	24	1.232 31.29	42	2.132 54.15	58	2.932 74.47
8	.432 10.97	26	1.332 33.83	44	2.232 56.69	60	3.032 77.01
10	.532 13.51	28	1.432 36.37	46	2.332 59.23	62	3.132 79.55
12	.632 16.05	30	1.532 38.91	48	2.432 61.77	64	3.232 82.09
14	.732 18.59	32	1.632 41.45	50	2.532 64.31	66	3.332 84.63
16	.832 21.13	34	1.732 43.99	52	2.632 66.85	68	3.432 87.17
18	.932 23.67	36	1.832 46.53	54	2.732 69.39	70	3.532 89.17
20	1.032 26.21	38	1.932 49.07	56	2.832 71.93	72	3.632 92.25
22	1.132 28.75	40	2.032 51.61				

OUTLINE DRAWINGS

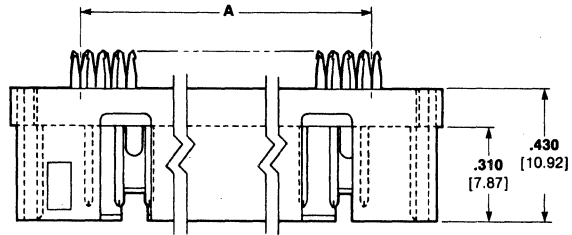
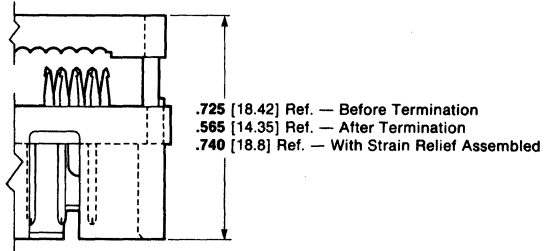
29P28



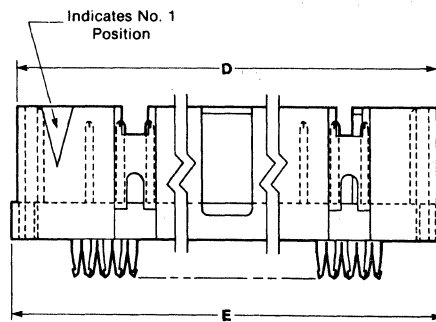
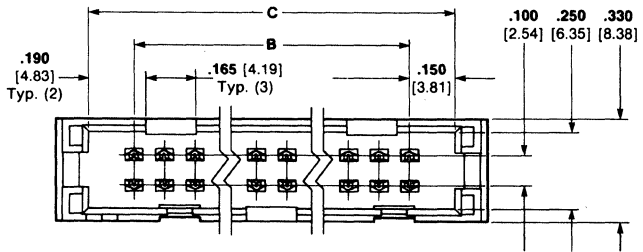
Cover



Strain Relief



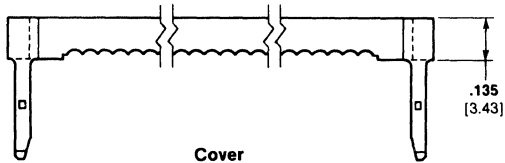
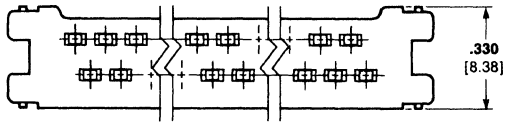
No. of Pos.	Dimensions				
	A	B	C	D	E
10	.450 11.43	.400 10.16	.700 17.78	.872 22.15	.912 23.16
14	.650 16.51	.600 15.24	.900 22.86	1.072 27.23	1.112 28.24
16	.750 19.05	.700 17.78	1.000 25.4	1.272 32.31	1.312 33.32
20	.950 24.13	.900 22.86	1.100 27.94	1.372 34.85	1.412 35.86
24	1.150 29.21	1.100 27.94	1.300 33.02	1.572 39.93	1.612 40.94
26	1.250 31.75	1.200 30.48	1.400 35.56	1.672 42.47	1.712 43.48
30	1.450 36.83	1.400 35.56	1.600 40.64	1.872 47.55	1.912 48.56
34	1.650 41.91	1.600 40.64	1.800 45.72	2.072 52.63	2.112 53.64
40	1.950 49.53	1.900 48.26	2.100 53.35	2.372 60.25	2.412 61.26
44	2.150 54.61	2.100 53.35	2.300 58.42	2.572 65.33	2.612 66.34
50	2.450 62.23	2.400 60.96	2.600 66.04	2.872 72.95	2.912 73.96
60	2.950 74.93	2.900 73.66	3.100 78.74	3.372 85.65	3.412 86.66
64	3.150 80.01	3.100 78.74	3.300 83.82	3.572 90.73	3.612 91.74



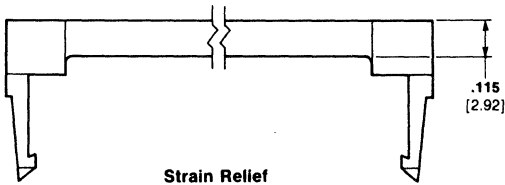
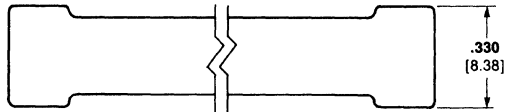
Housing Assembly

OUTLINE DRAWINGS

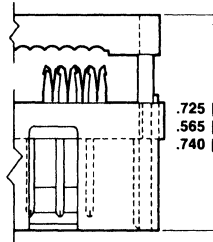
29P29



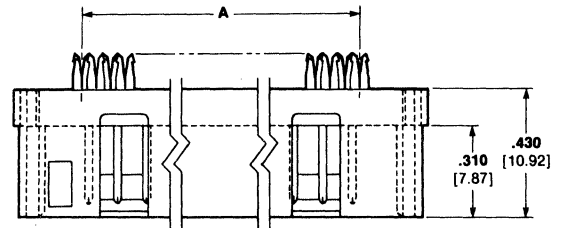
Cover



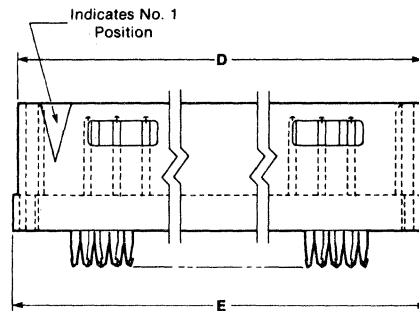
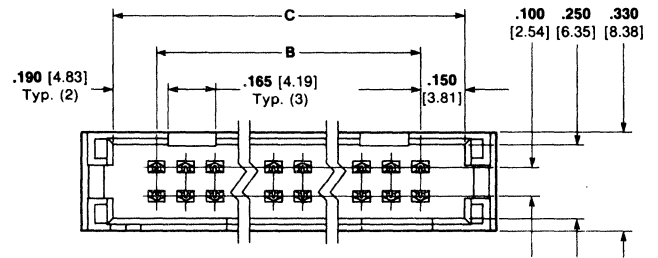
Strain Relief



.725 [18.42] Ref. — Before Termination
 .565 [14.35] Ref. — After Termination
 .740 [18.8] Ref. — With Strain Relief Assembled



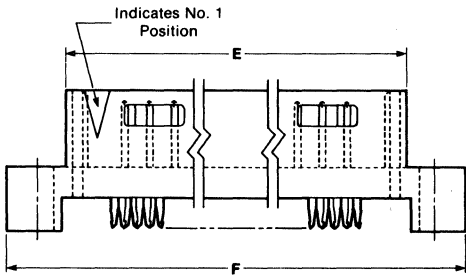
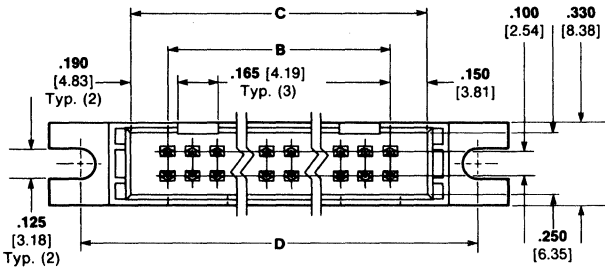
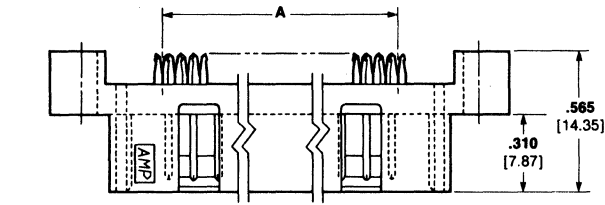
No. of Pos.	Dimensions				
	A	B	C	D	E
10	.450 11.43	.400 10.16	.700 17.78	.872 22.15	.912 23.16
14	.650 16.51	.600 15.24	.900 22.86	1.072 27.23	1.112 28.24
16	.750 19.05	.700 17.78	1.000 25.4	1.272 32.31	1.312 33.32
20	.950 24.13	.900 22.86	1.100 27.94	1.372 34.85	1.412 35.86
24	1.150 29.21	1.100 27.94	1.300 33.02	1.572 39.93	1.612 40.94
26	1.250 31.75	1.200 30.48	1.400 35.56	1.672 42.47	1.712 43.48
30	1.450 36.83	1.400 35.56	1.600 40.64	1.872 47.55	1.912 48.56
34	1.650 41.91	1.600 40.64	1.800 45.72	2.072 52.63	2.112 53.64
40	1.950 49.53	1.900 48.26	2.100 53.35	2.372 60.25	2.412 61.26
44	2.150 54.61	2.100 53.35	2.300 58.42	2.572 65.33	2.612 66.34
50	2.450 62.23	2.400 60.96	2.600 66.04	2.872 72.95	2.912 73.96
60	2.950 74.93	2.900 73.66	3.100 78.74	3.372 85.65	3.412 86.66
64	3.150 80.01	3.100 78.74	3.300 83.82	3.572 90.73	3.612 91.74



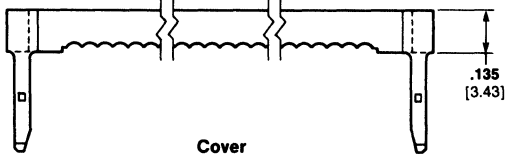
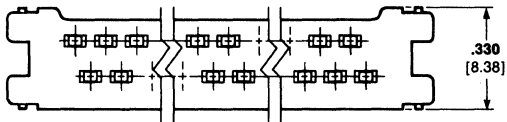
Housing Assembly

OUTLINE DRAWINGS

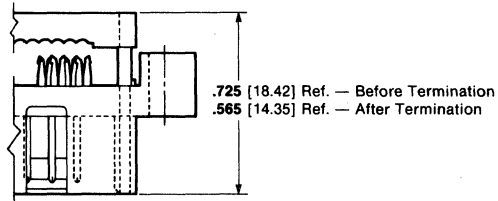
29P31



Housing Assembly



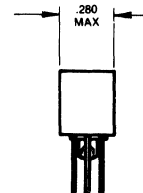
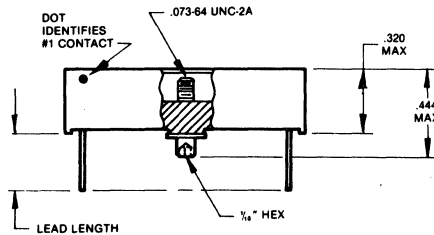
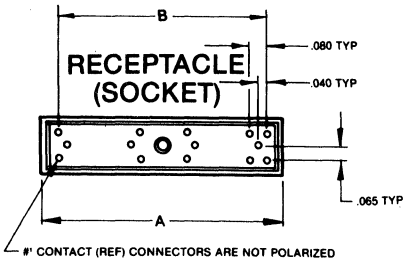
Cover



Housing Assembly and Cover Are Preamsembled as Shown

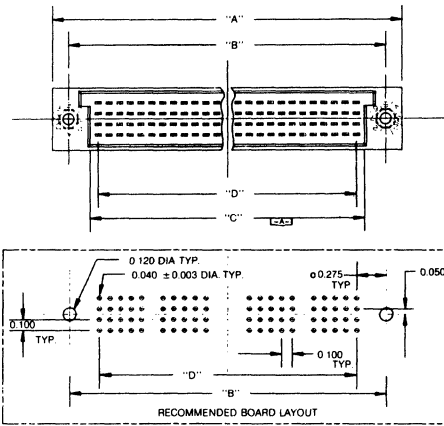
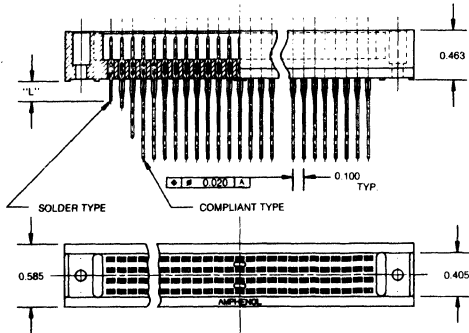
No. of Pos.	Dimensions					
	A	B	C	D	E	F
10	.450 11.43	.400 10.16	.700 17.78	1.106 28.09	.872 22.15	1.356 34.44
14	.650 16.51	.600 15.24	.900 22.86	1.306 33.17	1.072 27.23	1.556 39.52
16	.750 19.05	.700 17.78	1.000 25.4	1.506 38.25	1.272 32.31	1.756 44.6
20	.950 24.13	.900 22.86	1.100 27.94	1.606 40.79	1.372 34.85	1.856 47.14
24	1.150 29.21	1.100 27.94	1.300 33.02	1.806 45.87	1.572 39.93	2.056 52.22
26	1.250 31.75	1.200 30.48	1.400 35.56	1.905 48.41	1.672 42.47	2.156 54.76
30	1.450 36.83	1.400 35.56	1.600 40.64	2.106 53.49	1.872 47.55	2.356 59.84
34	1.650 41.91	1.600 40.64	1.800 45.72	2.306 58.57	2.072 52.63	2.556 64.92
40	1.850 46.99	1.800 45.72	2.000 50.80	2.506 63.65	2.272 57.71	2.756 70.00
44	2.150 54.61	2.100 53.35	2.300 58.42	2.806 71.27	2.572 65.33	3.056 77.62
50	2.450 62.23	2.400 60.96	2.600 66.04	3.106 78.89	2.872 72.95	3.356 85.24
60	2.950 74.93	2.900 73.66	3.100 78.74	3.606 91.59	3.372 85.65	3.856 97.94
64	3.150 80.01	3.100 78.74	3.300 83.82	3.806 96.67	3.572 90.73	4.056 103.02

87P5



NO.	A MAX	B BSC
16	.695	.545
34	1.175	1.025

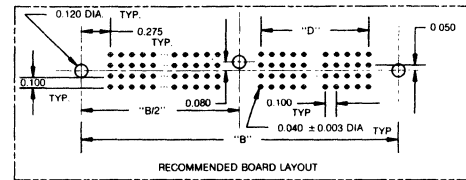
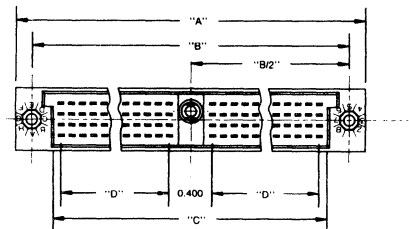
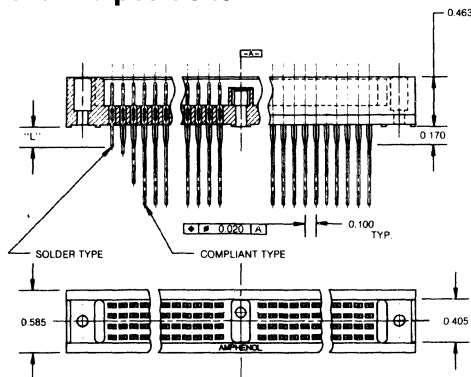
29P34



No. of Contacts	A	B	C	D
100	3.250	2.950	2.550	2.400
128	3.950	3.650	3.250	3.100
160	4.750	4.450	4.050	3.900
180	5.250	4.950	4.550	4.400

No. of Contacts	A	B	C	D
200	5.750	5.450	5.050	4.900
240	6.750	6.450	6.050	5.900
300	8.250	7.950	7.550	7.400

Plugs • 320-488 positions



No. of Contacts	A	B	C	D
320	9.050	8.750	8.350	3.900
344	9.650	9.350	8.950	4.200
368	10.250	9.950	9.550	4.500
392	10.850	10.550	10.150	4.800

No. of Contacts	A	B	C	D
416	11.450	11.150	10.750	5.100
440	12.050	11.750	11.350	5.400
464	12.650	12.350	11.950	5.700
488	13.250	12.950	12.550	6.000

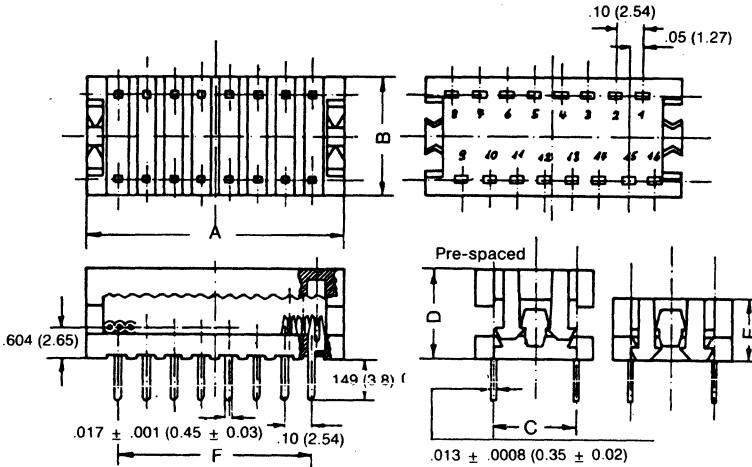
OUTLINE DRAWINGS

31P1

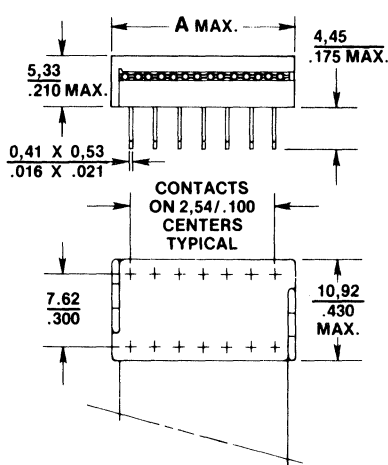
DIMENSIONS

No. of Pins	A	B	C	D	E	F
4	0.33 (8.41)	0.42 (10.7)	0.3 (7.62)	0.295 (7.5)	0.216 (5.5)	0.1 (2.54)
6	0.43 (10.95)	0.42 (10.7)	0.3 (7.62)	0.295 (7.5)	0.216 (5.5)	0.2 (5.08)
8	0.53 (13.49)	0.42 (10.7)	0.3 (7.62)	0.295 (7.5)	0.216 (5.5)	0.3 (7.62)
10	0.63 (16.03)	0.42 (10.7)	0.3 (7.62)	0.295 (7.5)	0.216 (5.5)	0.4 (10.16)
12	0.73 (18.57)	0.42 (10.7)	0.3 (7.62)	0.295 (7.5)	0.216 (5.5)	0.5 (12.70)
14	0.83 (21.11)	0.42 (10.7)	0.3 (7.62)	0.295 (7.5)	0.216 (5.5)	0.6 (15.24)
16	0.93 (23.56)	0.42 (10.7)	0.3 (7.62)	0.295 (7.5)	0.216 (5.5)	0.7 (17.78)
18	1.03 (26.19)	0.42 (10.7)	0.3 (7.62)	0.295 (7.5)	0.216 (5.5)	0.8 (20.32)
20	1.13 (28.73)	0.42 (10.7)	0.3 (7.62)	0.295 (7.5)	0.216 (5.5)	0.9 (22.86)
22	1.23 (31.35)	0.52 (13.2)	0.4 (10.16)	0.295 (7.5)	0.216 (5.5)	1.0 (25.40)
24	1.32 (33.60)	0.72 (18.3)	0.6 (15.24)	0.295 (7.5)	0.216 (5.5)	1.1 (27.94)
28	1.53 (38.97)	0.72 (18.3)	0.6 (15.24)	0.295 (7.5)	0.216 (5.5)	1.3 (33.02)
32	1.73 (44.05)	0.72 (18.3)	0.6 (15.24)	0.295 (7.5)	0.216 (5.5)	1.5 (38.10)
36	1.93 (49.13)	0.72 (18.3)	0.6 (15.24)	0.295 (7.5)	0.216 (5.5)	1.7 (43.18)
40	2.12 (53.90)	0.72 (18.3)	0.6 (15.24)	0.295 (7.5)	0.216 (5.5)	1.9 (48.26)

All dimensions are inches (mm in parentheses).

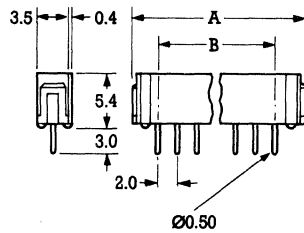


11P3



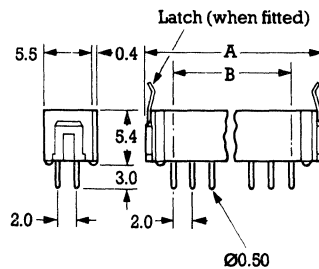
NO. OF CONTACTS	A
14	19.69 .775
16	22.23 .875

25P1



NUMBER OF CONTACTS	DIM A	DIM B
2	7.6	2.0
3	9.6	4.0
4	11.6	6.0
5	13.6	8.0
6	15.6	10.0
7	17.6	12.0
17	37.6	32.0

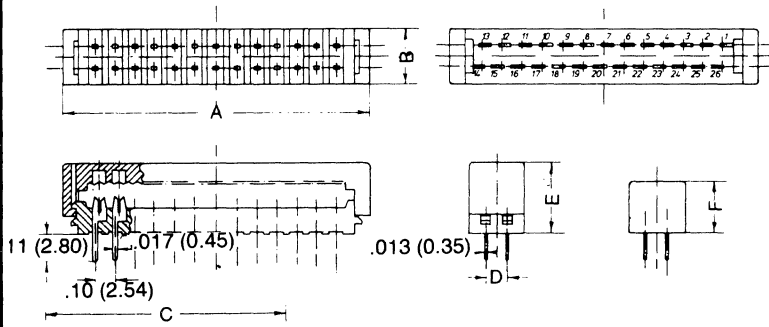
25P2



NUMBER OF CONTACTS	DIM A	DIM B
4	7.6	2.0
6	9.6	4.0
8	11.6	6.0
10	13.6	8.0
12	15.6	10.0
14	17.6	12.0
16	19.6	14.0
18	21.6	16.0
20	23.6	18.0
26	29.6	24.0
34	37.6	32.0

OUTLINE DRAWINGS

31P2



DIMENSIONS

No. of Pins	A	B	C	D	E	F
10	0.75 (19.15)	0.276 (7.0)	4 × 0.1 = 0.4 (4 × 2.54 = 10.16)	0.1 (2.54)	0.346 (8.8)	0.259 (6.6)
14	0.95 (24.25)	0.276 (7.0)	6 × 0.1 = 0.6 (6 × 2.54 = 15.24)	0.1 (2.54)	0.346 (8.8)	0.259 (6.6)
16	1.05 (26.82)	0.276 (7.0)	7 × 0.1 = 0.7 (7 × 2.54 = 17.78)	0.1 (2.54)	0.346 (8.8)	0.259 (6.6)
20	1.25 (31.90)	0.276 (7.0)	9 × 0.1 = 0.9 (9 × 2.54 = 22.86)	0.1 (2.54)	0.346 (8.8)	0.259 (6.6)
26	1.55 (39.50)	0.276 (7.0)	12 × 0.1 = 1.2 (12 × 2.54 = 30.48)	0.1 (2.54)	0.346 (8.8)	0.259 (6.6)
34	1.95 (49.68)	0.276 (7.0)	16 × 0.1 = 1.6 (16 × 2.54 = 40.64)	0.1 (2.54)	0.346 (8.8)	0.259 (6.6)
40	2.25 (57.30)	0.276 (7.0)	10 × 0.1 = 1.9 (19 × 2.54 = 48.26)	0.1 (2.54)	0.346 (8.8)	0.259 (6.6)
50	2.75 (70.00)	0.276 (7.0)	24 × 0.1 = 2.4 (24 × 2.54 = 60.96)	0.1 (2.54)	0.346 (8.8)	0.259 (6.6)
60	3.25 (82.75)	0.276 (7.0)	29 × 0.1 = 2.9 (29 × 2.54 = 72.66)	0.1 (2.54)	0.346 (8.8)	0.259 (6.6)
64	3.45 (87.78)	0.276 (7.0)	31 × 0.1 = 3.1 (31 × 2.54 = 78.74)	0.1 (2.54)	0.346 (8.8)	0.259 (6.6)

All dimensions are inches (mm in parentheses).

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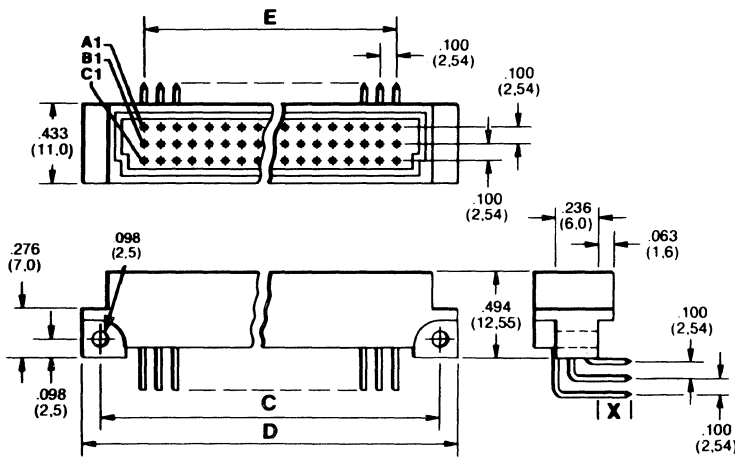
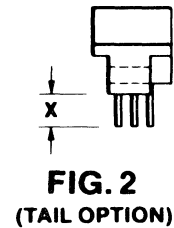


FIG. 1



**FIG. 2
(TAIL OPTION)**

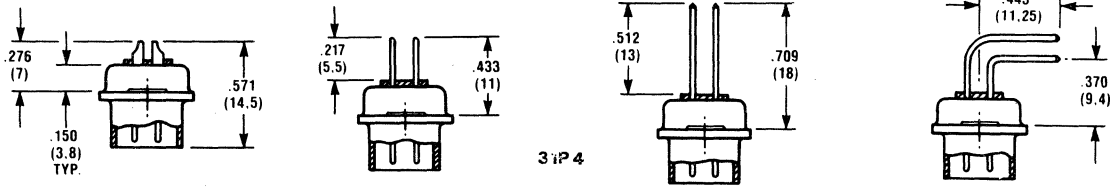
NO. OF CONTACT POSITIONS	C	D MAX.	E
48	1.900 (48.26)	2.126 (54.0)	1.500 (38.10)
96	3.500 (88.9)	3.701 (94.0)	3.100 (78.74)

*CONTACT LENGTH AT TERMINATION	FIG. 1 F	FIG. 1 G	FIG. 1 H	FIG. 2 K	FIG. 2 M
DIMENSION X	.108 (2.75)	.197 (5.0)	.535 (13.6)	.152 (3.86)	.526 (13.36)

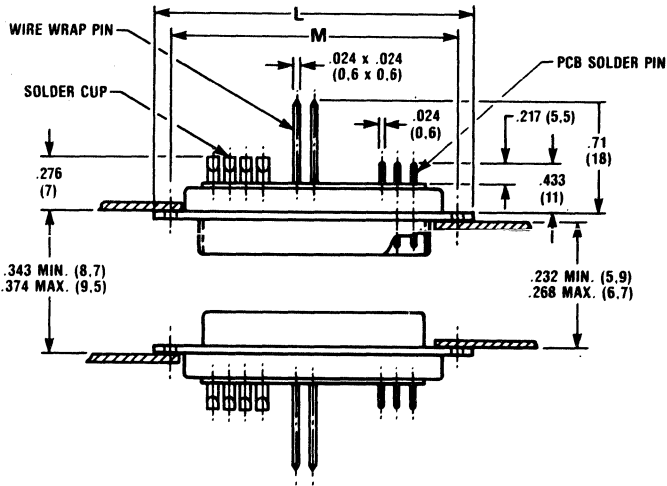
NOTE: F, G and K terminations intended for .031 (0.8) dia. holes.

OUTLINE DRAWINGS

31P4



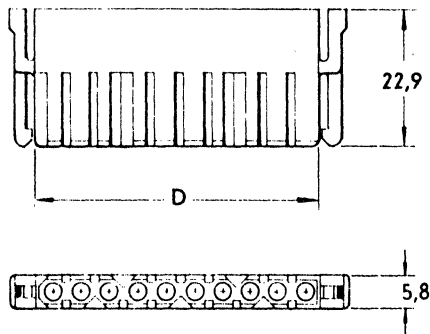
31P4



NO. CONTACTS	M	L	W
9	.985 (25.0)	1.213 (30.8)	.492 (12.5)
15	1.311 (33.3)	1.544 (39.2)	.492 (12.5)
25	1.850 (47.0)	2.087 (53.0)	.492 (12.5)
37	2.500 (63.5)	2.733 (69.4)	.492 (12.5)
50	2.406 (61.1)	2.638 (67.0)	.606 (15.4)

Dimensions in Inches (mm)

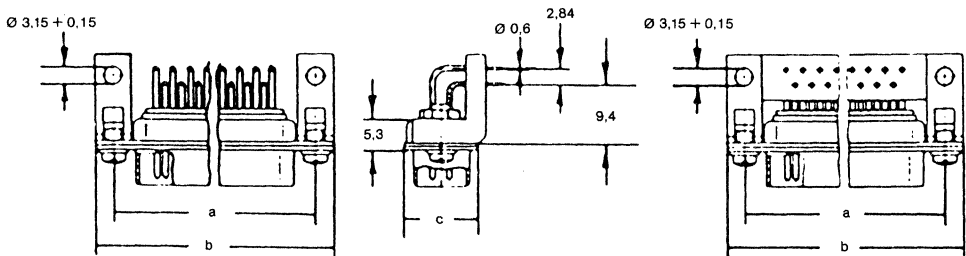
36P2



No. of positions	D
3	16,0
4	21,1
6	31,2
9	46,5
10	51,6

Dimensions (mm)

79P7

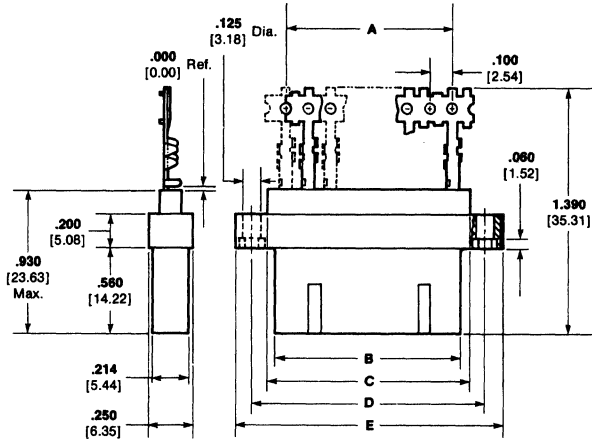


No. of ways	a	b	c
9	25,0	30,8	12,5
15	33,3	39,2	12,5
25	47,0	53,0	12,5
37	63,5	69,4	12,5
50	61,1	67,0	15,4

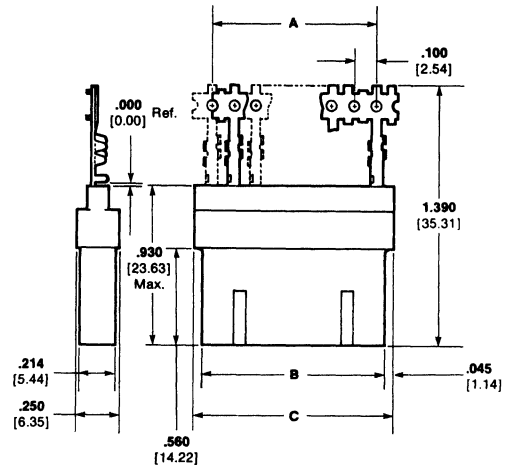
OUTLINE DRAWINGS

29P33

Pin Connector with Mounting Ears

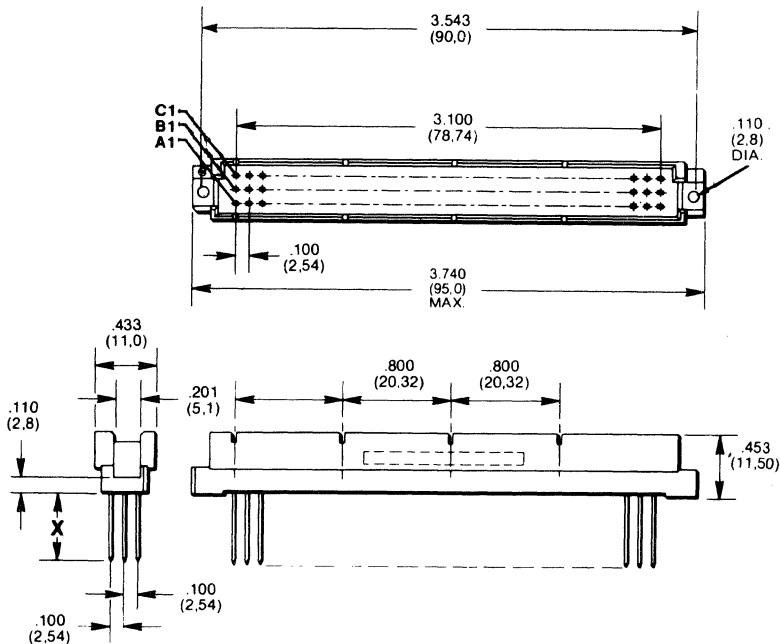


Pin Connector without Mounting Ears



No. of Positions	Dimensions				
	A	B	C	D	E
7	.600 15.24	.860 21.84	.950 24.13	1.210 30.73	1.460 37.08
9	.800 20.32	1.060 26.92	1.150 29.21	1.410 35.81	1.660 42.16
12	1.100 27.94	1.360 34.54	1.450 36.83	1.710 43.43	1.960 49.78
14	1.300 33.02	1.560 39.62	1.650 41.91	1.910 48.51	2.160 54.86
16	1.500 38.1	1.760 44.7	1.850 46.99	2.110 53.59	2.360 59.94
18	1.700 43.18	1.960 49.78	2.050 52.07	2.310 58.67	2.560 65.02
20	1.900 48.26	2.160 54.86	2.250 57.15	2.510 63.75	2.780 70.1

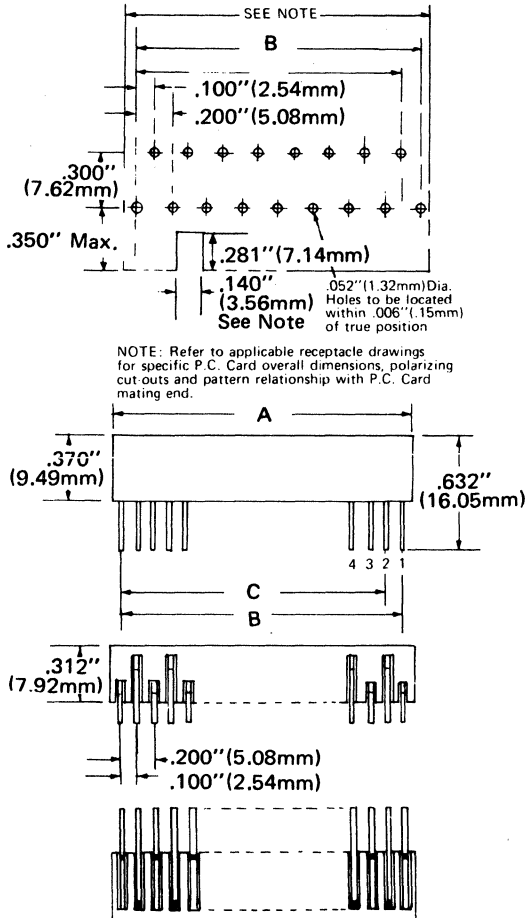
44P2



DIM X
.533 (13,5)
.116 (2,95)

OUTLINE DRAWINGS

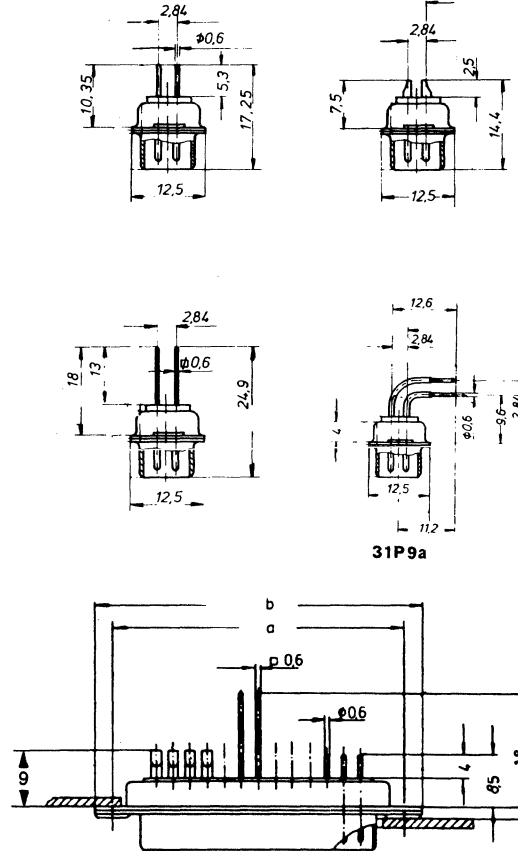
26P4



NOTE: Refer to applicable receptacle drawings for specific P.C. Card overall dimensions, polarizing cut-outs and pattern relationship with P.C. Card mating end.

No. of Contacts	A		B		C	
	Inch.	mm	Inch.	mm	Inch.	mm
17	1.714	43.54	1.600	40.64	1.500	38.10
23	2.314	58.78	2.200	55.88	2.100	53.34
29	2.914	74.02	2.800	71.12	2.700	68.58
35	3.514	89.26	3.400	86.36	3.300	83.82
41	4.114	104.5	4.000	101.6	3.900	99.06
47	4.714	119.7	4.600	116.8	4.500	114.3
51	5.114	129.9	5.000	127.0	4.900	124.5

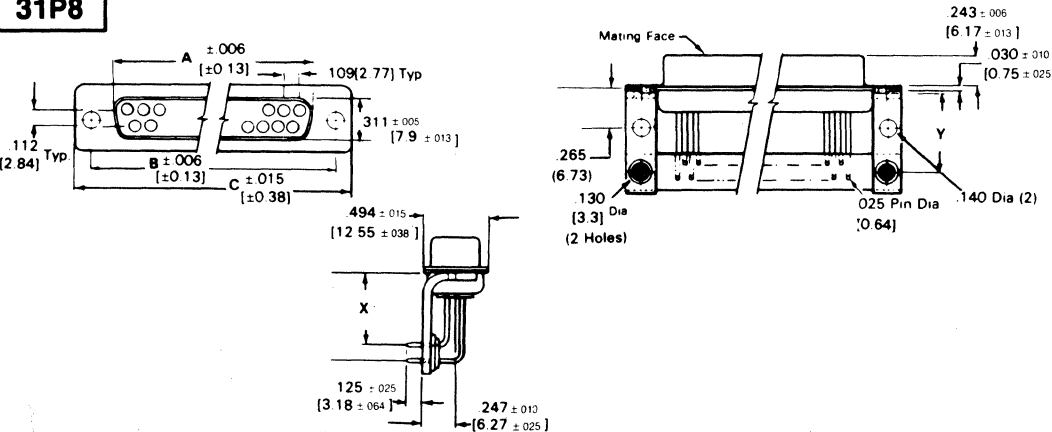
31P9



NO. OF CONTACTS	a	b
9	25,0	30,8
15	33,3	39,2
25	47,0	53,0
37	63,5	69,4

Dimensions In mm.

31P8

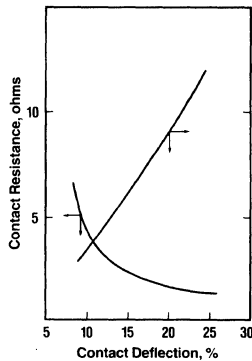
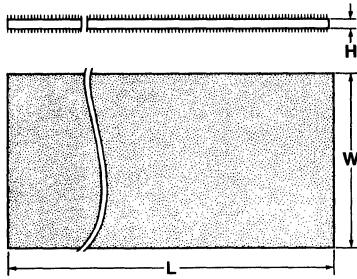


No. of contacts (shell size)	Dimensions		
	A	B	C
9	.666	.984	1.213
(1)	16.92	24.99	30.81
15	.994	1.312	1.541
(2)	25.25	33.32	39.14
25	1.535	1.852	2.068
(3)	36.96	47.04	53.04
37	2.182	2.500	2.729
(4)	55.42	63.50	69.32

OUTLINE DRAWINGS

33P1

Contact resistance and pressure under increasing deflection ratio against the height



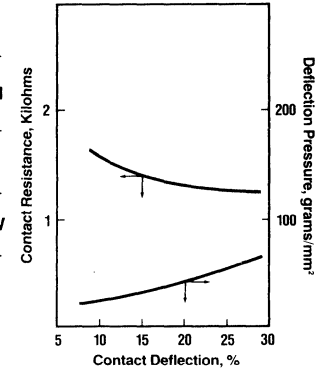
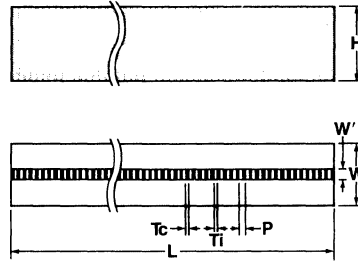
Sample connector: 0.2mm \times 10mm \times 10mm
Electrode: 1.2mm² (gold plated)

DIMENSIONS		All dimensions are in millimeters	
Model:		AF-2, AF-3	
Sheet thickness ^a	H	0.2 \pm 0.05; 0.3 \pm 0.05	
Length ^b	L	1-20 \pm 0.1; 21-50 \pm 0.3; 51-170 \pm 1.0	
Width ^b	W	1-20 \pm 0.1; 21-50 \pm 0.3	
Fiber diameter		approximately 7 μ m	
Fibers per mm ²		80-100	
Minimum electrode pitch		0.25	

NOTES
^a The tolerance is \pm 0.005 for a sheet 25mm square.
^b Maximum size of 240W \times 360L is available on special order.

33P2

Contact resistance and pressure under increasing deflection ratio against the height



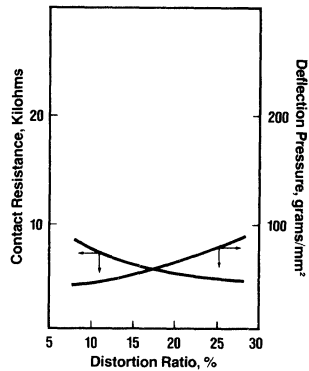
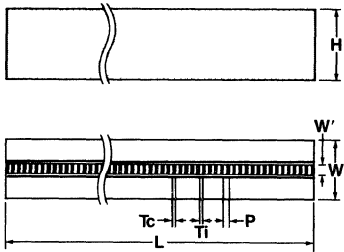
Sample connector: 0.25mm pitch \times 20mm L \times 2.4mm H \times 2.0mm W
Electrode: 0.6mm wide (gold plated)

DIMENSIONS		All dimensions are in millimeters		
Models:		SS-10^a	SS-18^a	SS-25
Pitch	P	0.10 \pm 0.07	0.18 \pm 0.07	0.25 \pm 0.08
Length ^b	L	1.0-25.0 \pm 0.2; 25.1-50.0 \pm 0.3; 50.1-80.0 \pm 0.4; 80.1-120.0 \pm 0.5; 120.1-150.0 \pm 0.6; 150.1-200.1 \pm 0.8; 200.1-300.0 (max) \pm 1.0		
Minimum height ^c	H	0.8 \pm 0.1	0.8 \pm 0.1	0.8 \pm 0.1
Width	W	1.5, 1.8, 2.0, 2.3 \pm 0.1;	2.6, 3.0, 3.5, 4.0 \pm 0.15	
Width of conductor	Tc	0.06 \pm 0.05	0.12 \pm 0.05	0.15 \pm 0.07
Width of insulator	Ti	0.02 or more	0.02 or more	0.02 or more
Width of core ^d	W'	0.3 \pm 0.05	0.3 \pm 0.05	0.3 \pm 0.05
Conductors per inch		225 or more	125 or more	100 or more
Minimum electrode pitch ^e		0.44	0.54	0.70

NOTES
^a These models are available on special order only.
^b Lengths up to 370mm is available on special order.
^c The tolerance for the height of 5.1mm or more is \pm 0.15mm.
^d The width of the conductor core is 0.3mm standard.
^e Minimum electrode pitch of PCBs or LCDS apply to connector heights up to 10mm.

33P3

Contact resistance and pressure under increasing deflection ratio against the height



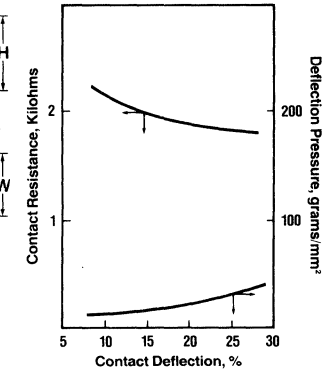
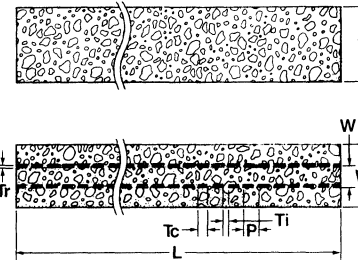
Sample connector: 0.05mm pitch \times 20mm L \times 4.0mm H \times 3.0mm W
Electrode: 0.2mm wide (gold plated)

DIMENSIONS		All dimensions are in millimeters		
Models:		SSK-03	SSK-05	SSK-10
Pitch	P	0.03 \pm 0.03	0.05 \pm 0.05	0.10 \pm 0.07
		-0.02	-0.04	
Length ^a	L	1.0-25.0 \pm 0.2; 25.1-50.0 \pm 0.3; 50.1-80.0 \pm 0.4; 80.1-120.0 \pm 0.5; 120.1-150.0 \pm 0.6; 150.1-200.1 \pm 0.8; 200.1-300.0 \pm 1.0		
Minimum height ^b	H	0.8 \pm 0.1	0.8 \pm 0.1	0.8 \pm 0.1
Width	W	1.5, 1.8, 2.0, 2.3 \pm 0.1;	2.6, 3.0, 3.5, 4.0 \pm 0.15	
Width of conductor	Tc	0.02 \pm 0.02	0.03 \pm 0.03	0.06 \pm 0.05
		-0.01	-0.02	
Width of insulator	Ti	0.01 or more	0.01 or more	0.02 or more
Width of core ^c	W'	0.5 \pm 0.05	0.5 \pm 0.05	0.5 \pm 0.05
Conductors per inch		500 or more	320 or more	225 or more
Minimum electrode pitch ^d		0.30	0.38	0.44

NOTES
^a Lengths up to 370mm is available on special order.
^b The tolerance for the height of 5.1mm or more is \pm 0.15mm.
^c The width of the conductor core is 0.5mm standard. There is a thin reinforcement layer along both sides of the core, which is not included in the core width dimension.
^d Minimum electrode pitch of PCBs or LCDS apply to connector of heights up to 4mm.

33P4

Contact resistance and pressure under increasing deflection ratio against the height



Sample connector: 0.4mm pitch \times 20mm L \times 2.0mm H \times 3.0mm W
Electrode: 0.5mm wide (gold plated)

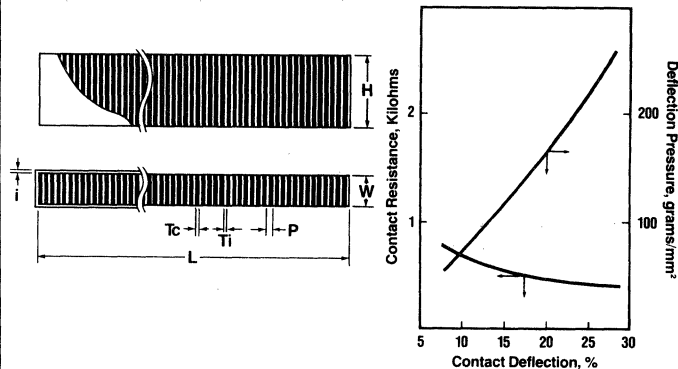
DIMENSIONS		All dimensions are in millimeters	
Model:		H-2	
Pitch ^a	P	0.4 \pm 0.1	
Length	L	1.0-50.0 \pm 0.3; 50.1-120.0 \pm 0.5; 120.1-200.0 \pm 0.8; 200.1-300.0 \pm 1.0	
Minimum height ^b	H	1.0 \pm 0.1	
Width	W	1.5, 1.8, 2.0, 2.3 \pm 0.1;	
		2.6, 3.0, 4.0 \pm 0.15	
Row spacing ^c	W'	0.7 \pm 0.1	
Width of conductor	Tc	0.2 \pm 0.1	
Width of insulator	Ti	0.2 \pm 0.1	
Thickness of conductor	Tr	0.03 \pm 0.01	
Conductors per inch		65 or more by 2	
Minimum electrode pitch ^d		1.2	

NOTES
^a It is unpredictable if the ends of the connector will be a conductor or insulator segment.
^b The tolerance for connectors with the height of 5.1mm or more is \pm 0.15mm.
^c Four rows of conductors are available on special order.
^d Minimum electrode pitch applies to connectors of heights less than 20mm.

OUTLINE DRAWINGS

33P5

Contact resistance and pressure under increasing deflection ratio against the height

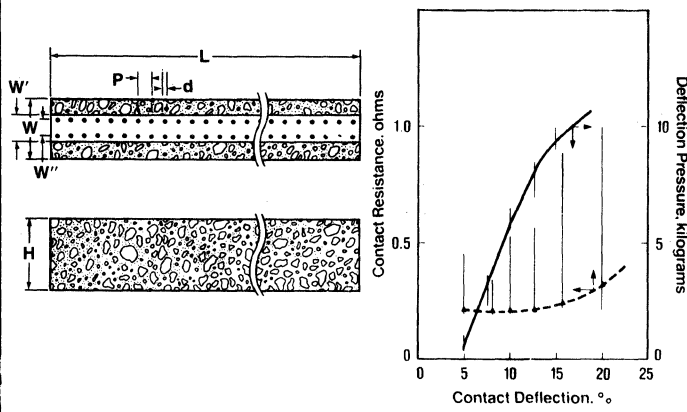


DIMENSIONS		All dimensions are in millimeters				
Models:	S-03	S-05	S-10	S-18	S-25	S-35
Pitch	P	0.03 \pm 0.03 -0.02	0.05 \pm 0.05 -0.04	0.10 \pm 0.07	0.18 \pm 0.07	0.25 \pm 0.08
Length	L	1.0-5.0 \pm 0.1; 5.1-30.0 \pm 0.2; 30.1-70.0 \pm 0.3; 70.1-120.0 \pm 0.4; 120.1-200.0 \pm 0.6; 200.1-300.0 (max) \pm 0.8				
Minimum height*	H	0.5 \pm 0.08*	0.5 \pm 0.08*	0.5 \pm 0.08*	0.5 \pm 0.08*	0.5 \pm 0.08*
Width	W	0.2-3.0 \pm 0.08	0.2-3.0 \pm 0.08	0.2-3.0 \pm 0.08	0.2-3.0 \pm 0.08	0.2-3.0 \pm 0.08
Width of conductor	Tc	0.02 \pm 0.02 -0.01	0.03 \pm 0.03	0.06 \pm 0.05	0.12 \pm 0.05	0.15 \pm 0.07
Width of insulator	Ti	0.01 or more	0.01 or more	0.02 or more	0.05 or more	0.05 or more
Edge thickness	T	0.05 \pm 0.04	0.05 \pm 0.04	0.05 \pm 0.04	0.05 \pm 0.04	0.05 \pm 0.04
Conductors per inch		500 or more	320 or more	225 or more	125 or more	100 or more
Minimum electrode pitch		0.30 ^c	0.38 ^c	0.44 ^c	0.54 ^c	0.70 ^c

NOTES ^a The maximum height depends on the method of support, therefore it is not specified.
^b The tolerance for the height of 3.1mm or more is \pm 0.1mm.
^c Minimum electrode pitch applies to connectors of heights less than 4.0mm.
^d Minimum electrode pitch applies to connectors of heights less than 10.0mm.

33P6

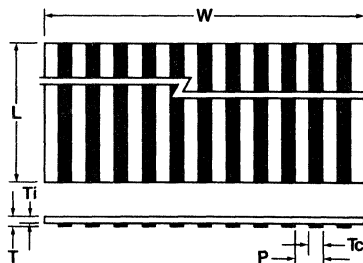
Contact resistance and pressure under increasing deflection ratio against the height



DIMENSIONS		All dimensions are in millimeters	
Pitch*	P	0.2 \pm 0.1	
Length	L	5 to 50 \pm 0.3	
		50.1 to 100 \pm 0.5	
		100.1 to 200 \pm 0.8	
		200.1 to 260 \pm 1.0	
Minimum height*	H	1.5 \pm 0.1	
Width	W	2.0, 2.3 \pm 0.1	
		2.6, 3.0, 3.5, \pm 0.15	
		4.0, 5.0 \pm 0.15	
Width of insulating core	W'	1.0 \pm 0.2	
Conductor row spacing	W''	0.3 \pm 0.15	
Filament diameter	d	50 μ m typical	
Filaments per inch		100 or more by 2	

NOTES ^a A pitch of 0.1mm is available on special order.
^b The maximum height depends on the method of support, therefore it is not specified. Dimension tolerance of connector heights greater than 5.1mm are \pm 0.15mm.
^c The filaments are plated Tin (Sn).

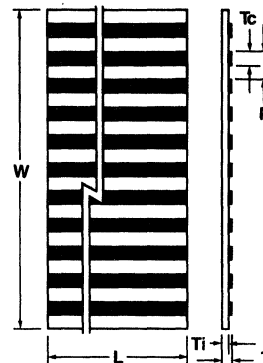
33P7



DIMENSIONS		All dimensions are in millimeters	
Size*	W \times L	300 \times 300 maximum	
Size tolerance	W	\pm 0.15 maximum	
	L	\pm 0.15 maximum	
Pitch ^b	P	0.4 minimum	
Width of conductor	Tc	0.2 minimum	
Pitch tolerance		\pm 0.15 for 1.2 pitch or greater	
		\pm 0.10 for 1.2 pitch or less	
Cumulative pitch tolerance		\pm 0.15 per 50 W dimension	
Thickness	T	90 (maximum)	
	Ti	25 (typical)	

NOTES ^a Any size is available within the maximum size. Special sizes are available on orders of 150,000 square centimeters or more without any tooling cost.
^b Any pitch or configuration of traces are available on special order.

33P8



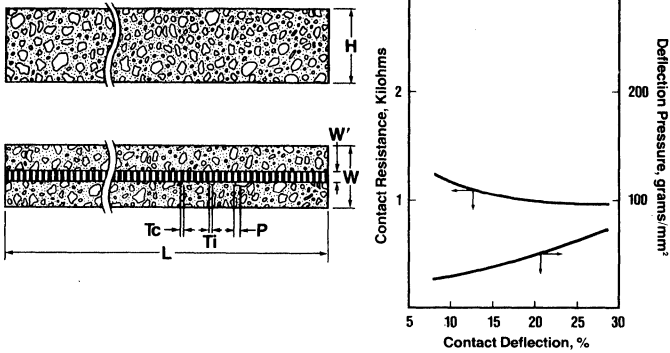
DIMENSIONS		All dimensions are in millimeters	
Size*	W \times L	300 \times 300 maximum	
Size tolerance	W	\pm 0.15 maximum	
	L	\pm 0.15 maximum	
Pitch ^b	P	0.6 minimum	
Width of conductor	Tc	0.3 minimum	
Pitch tolerance		\pm 0.15 for 1.2 pitch or greater	
		\pm 0.10 for 1.2 pitch or less	
Cumulative pitch tolerance		\pm 0.15 per 50 W dimension	
Thickness	T	90 (maximum)	
	Ti	25 (typical)	

NOTES ^a Any size is available within the maximum size. Special sizes are available on orders of 150,000 square centimeters or more without any tooling cost.
^b Any pitch or configuration of traces are available on special order.

OUTLINE DRAWINGS

33P9

Contact resistance and pressure under increasing deflection ratio against the height

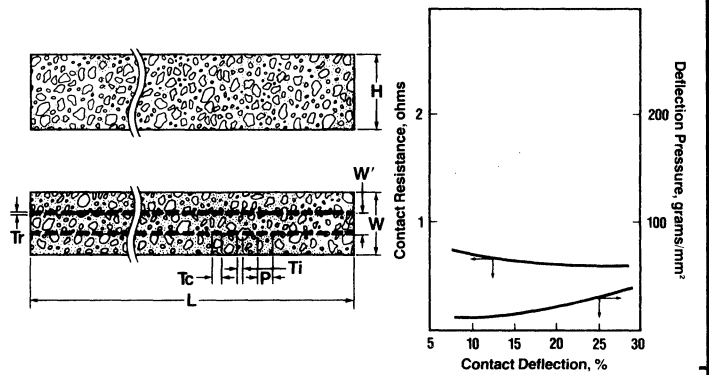


DIMENSIONS		All dimensions are in millimeters		
Models:		SG-10 ^a	SG-18 ^a	SG-25
Pitch ^a	P	0.10 ± 0.07	0.18 ± 0.07	0.25 ± 0.08
Length ^a	L	1.0–25.0 ± 0.2; 25.1–50.0 ± 0.3; 50.1–80.0 ± 0.4;	80.1–120.0 ± 0.5; 120.1–150.0 ± 0.6;	150.1–200.1 ± 0.8; 200.1–300.0 ± 1.0
		Minimum height ^c	H	0.8 ± 0.1
Width	W	1.5, 1.8, 2.0, 2.3 ± 0.1; 2.6, 3.0, 3.5, 4.0 ± 0.15		
Width of conductor	Tc	0.06 ± 0.05	0.12 ± 0.05	0.15 ± 0.07
Width of insulator	Ti	0.02 or more	0.02 or more	0.02 or more
Width of core ^e	W'	0.4 ± 0.05	0.4 ± 0.05	0.4 ± 0.05
Conductors per inch		225 or more	125 or more	100 or more
Minimum electrode pitch ^f		0.44	0.54	0.70

NOTES
^a These models are available on special order only.
^b Lengths up to 370mm is available on special order.
^c The tolerance for the height of 5.1mm or more is ± 0.15mm.
^d The width of the conductor core is 0.4mm standard.
^e Minimum electrode pitch of pcbs and lcps apply to connector with heights up to 10mm.

33P10

Contact resistance and pressure under increasing deflection ratio against the height

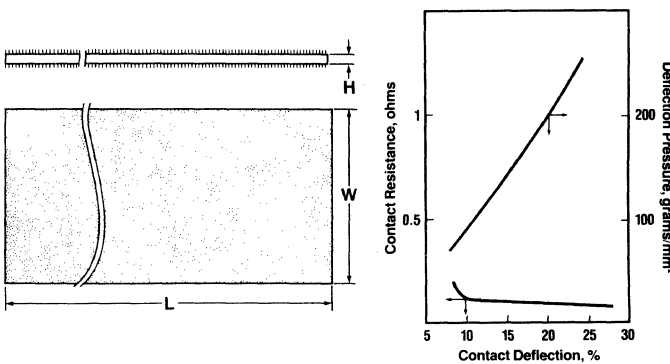


DIMENSIONS		All dimensions are in millimeters	
Model:		HL-2	
Pitch ^a	P	0.4 ± 0.1	
Length	L	1.0–50.0 ± 0.3; 50.1–120.0 ± 0.5;	
		120.1–200.0 ± 0.8; 200.1–300.0 ± 1.0	
Minimum height ^b	H	1.0 ± 0.1	
Width	W	1.5, 1.8, 2.0, 2.3 ± 0.1; 2.6, 3.0, 4.0 ± 0.15	
Row spacing ^c	W'	0.7 ± 0.1	
Width of conductor	Tc	0.2 ± 0.1	
Width of insulator	Ti	0.2 ± 0.1	
Thickness of conductor	Tr	0.03 ± 0.01	
Conductors per inch		65 or more by 2	
Minimum electrode pitch ^f		1.2	

NOTES
^a It is unpredictable if the ends of the connector will be a conductor or insulator segment.
^b The tolerance for the height of 5.1mm or more is ± 0.15mm.
^c Four rows of conductors are available on special order.
^d Minimum electrode applies to connector heights of 20mm or less.

33P11

Contact resistance and pressure under increasing deflection ratio against the height

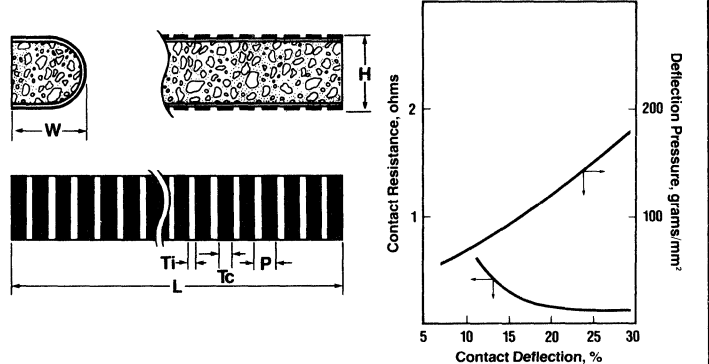


DIMENSIONS		All dimensions are in millimeters	
Model:		MAF 2-8	
Sheet thickness ^a	H	0.2–0.8 ± 0.05	
Width	W	1–20 ± 0.1; 21–50 ± 0.3	
Length ^b	L	1–20 ± 0.1; 21–50 ± 0.3; 51–100 ± 1.0	
Fiber diameter		approximately 0.03	
Fibers per mm ²		(passing through) 2–12 by thickness	
Minimum electrode pitch		0.2	

NOTES
^a The tolerance is ± 0.005 for a sheet 25mm square.
^b Maximum lengths up to 250mm are available on special order.

33P12

Contact resistance and pressure under increasing deflection ratio against the height

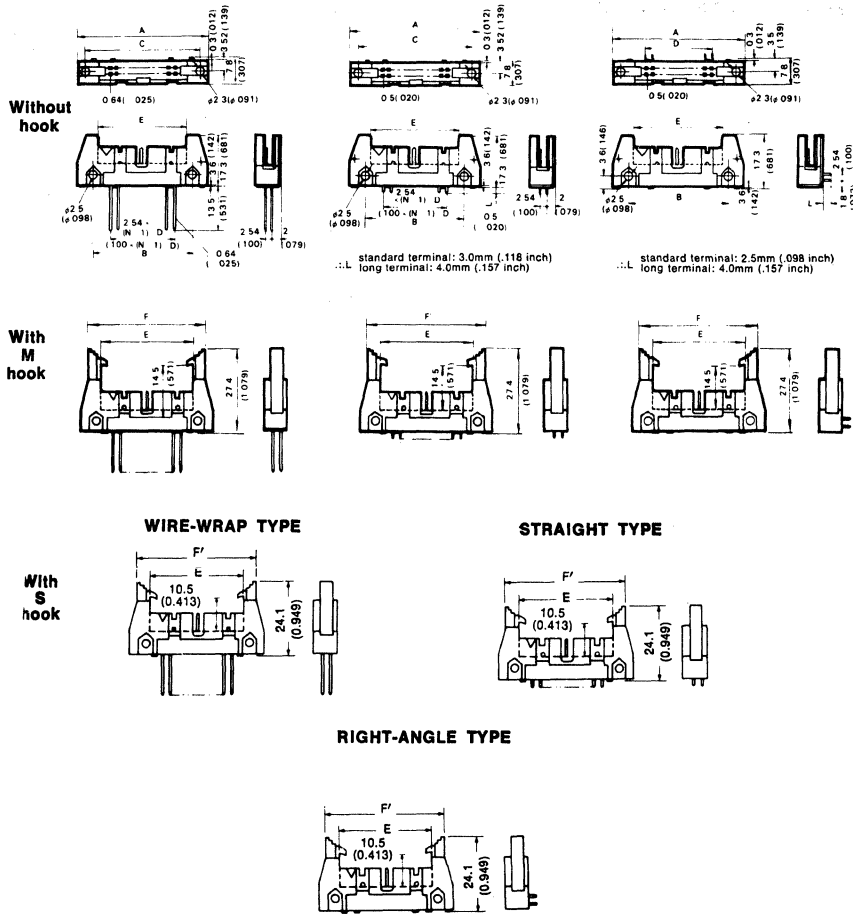


DIMENSIONS		All dimensions are in millimeters	
Models:		NE-2	NE-4
Pitch	P	0.2 ± 0.05	0.4 ± 0.1
Length	L	4.1–60.0 ± 0.4; 60.1–100.0 ± 0.6;	
		100.1–180.0 ± 0.8	
Height by width ^a	H × W	2.0 × 2.4; 2.3 × 2.9; 2.5 × 3.0; 3.0 × 3.6;	
		3.5 × 4.2; 3.5 × 3.0; 3.8 × 3.0; 3.8 × 3.5;	
		4.0 × 4.8; ± 0.2	
Width of conductor	Tc	0.1 ± 0.05	0.2 ± 0.1
Width of insulator	Ti	0.1 ± 0.05	0.2 ± 0.1
Conductors per inch		110 or more	55 or more
Minimum electrode pitch		0.6	1.2

NOTES
^a Custom sizes and shapes are available on special order with tooling.

OUTLINE DRAWINGS

34P1

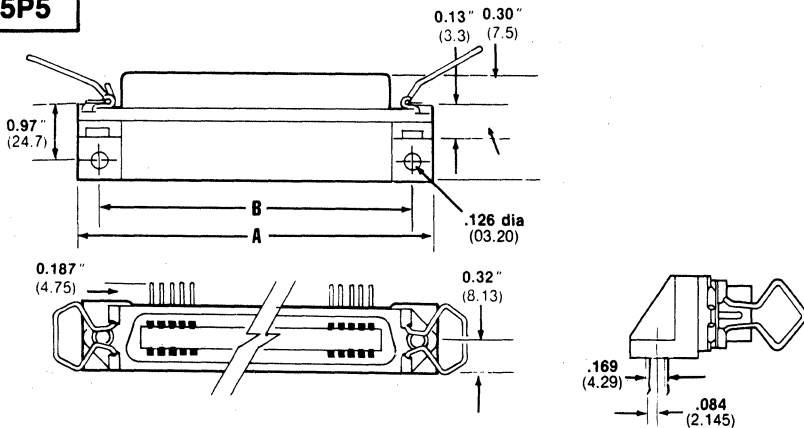


DIMENSION

Unit: mm (inch)

	A	B	C	D	E	F	F'
10	32.0 (1.260)	21.8 (.858)	27.9 (1.098)	10.16 (.400)	18.3 (.720)	32.3 (1.272)	26.3 (1.035)
14	37.1 (1.461)	26.9 (1.059)	33.0 (1.299)	15.24 (.600)	23.4 (.921)	37.4 (1.472)	31.4 (1.236)
16	39.6 (1.559)	29.4 (1.157)	35.5 (1.398)	17.78 (.700)	25.9 (1.020)	39.9 (1.571)	33.9 (1.335)
20	44.7 (1.760)	34.5 (1.358)	40.6 (1.598)	22.86 (.900)	31.0 (1.220)	45.0 (1.772)	39.0 (1.535)
26	52.3 (2.059)	42.2 (1.661)	48.3 (1.902)	30.48 (1.200)	38.6 (1.520)	52.6 (2.071)	46.6 (1.835)
30	57.4 (2.260)	47.2 (1.858)	53.3 (2.098)	35.56 (1.400)	43.7 (1.720)	57.7 (2.272)	51.7 (2.035)
34	62.5 (2.461)	52.3 (2.059)	58.4 (2.299)	40.64 (1.600)	48.8 (1.921)	62.8 (2.472)	56.8 (2.236)
40	70.1 (2.760)	59.9 (2.358)	66 (2.598)	48.26 (1.900)	56.4 (2.220)	70.4 (2.772)	64.4 (2.535)
50	82.8 (3.260)	72.6 (2.858)	78.7 (3.098)	60.96 (2.400)	69.0 (2.716)	83.0 (3.268)	77.0 (3.031)
60	95.5 (3.760)	85.3 (3.358)	91.4 (3.598)	73.66 (2.900)	81.8 (3.220)	95.8 (3.772)	89.8 (3.535)

55P5

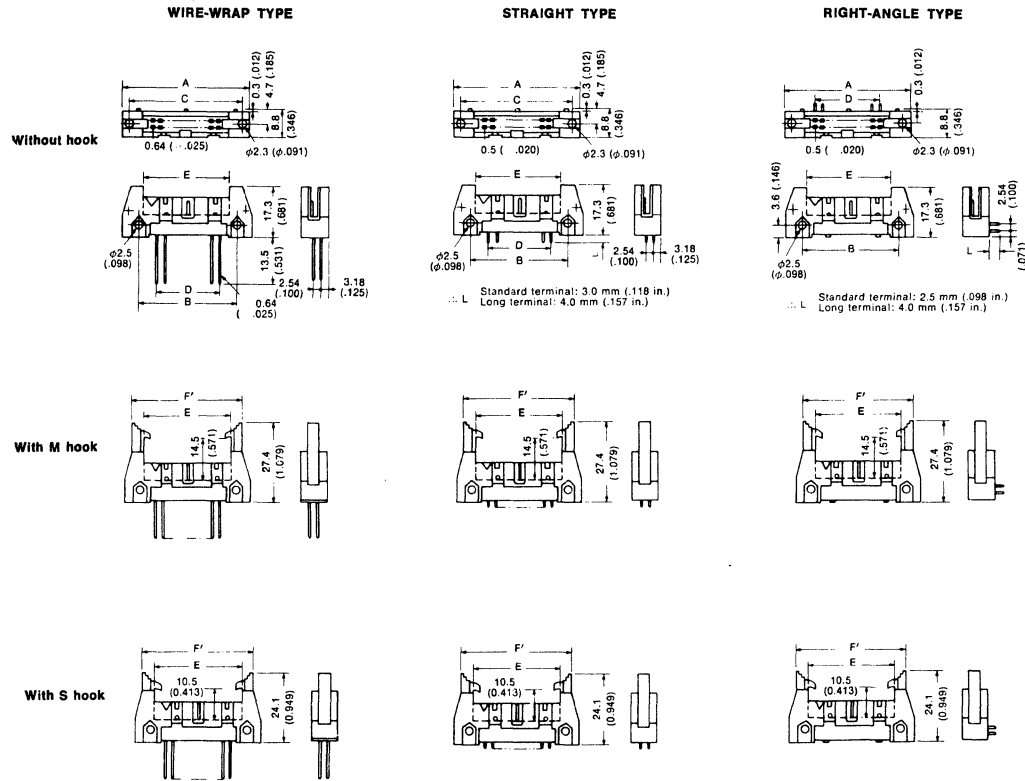


CONTACTS	A	B
24	2.16 (54.78)	1.84 (46.78)
38	2.67 (67.74)	2.35 (59.74)
50	3.26 (82.85)	2.65 (74.85)

OUTLINE DRAWINGS

34P2

DIMENSIONS (FULLY SHROUDED HEADERS)



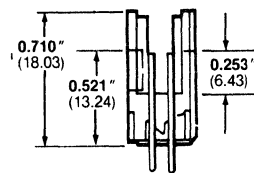
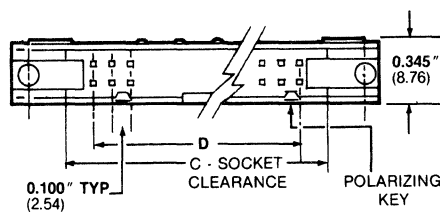
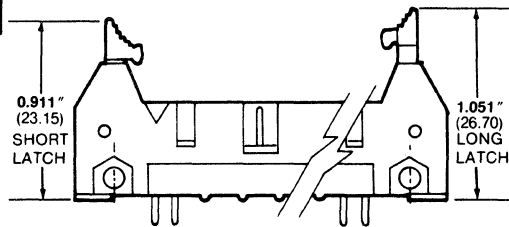
MAIN BODY CONFIGURATION



Unit: mm (in.)

	A	B	C	D	E	F	F'
10	32.0 (1.260)	21.8 (.858)	27.9 (1.098)	10.16 (.400)	18.3 (.720)	32.3 (1.272)	26.3 (1.035)
14	37.1 (1.461)	26.9 (1.059)	33.0 (1.299)	15.24 (.600)	23.4 (.921)	37.4 (1.472)	31.4 (1.236)
16	39.6 (1.559)	29.4 (1.157)	35.5 (1.398)	17.78 (.700)	25.9 (1.020)	39.9 (1.571)	33.9 (1.335)
20	44.7 (1.760)	34.5 (1.358)	40.6 (1.598)	22.86 (.900)	31.0 (1.220)	45.0 (1.772)	39.0 (1.535)
26	52.3 (2.059)	42.2 (1.661)	48.3 (1.902)	30.48 (1.200)	38.5 (1.520)	52.6 (2.071)	46.6 (1.835)
30	57.4 (2.260)	47.2 (1.858)	53.3 (2.098)	35.56 (1.400)	43.7 (1.72)	57.7 (2.272)	51.7 (2.035)
34	62.5 (2.461)	52.3 (2.059)	58.4 (2.299)	40.64 (1.600)	48.8 (1.921)	62.8 (2.472)	56.8 (2.236)
40	70.1 (2.760)	59.9 (2.358)	66.0 (2.598)	48.26 (1.900)	56.4 (2.220)	70.4 (2.772)	64.4 (2.535)
50	82.8 (3.260)	72.6 (2.858)	78.7 (3.098)	60.96 (2.400)	69.0 (2.716)	83.0 (3.268)	77.0 (3.031)
60	95.5 (3.760)	85.3 (3.358)	91.4 (3.598)	73.66 (2.900)	81.8 (3.220)	95.6 (3.772)	89.8 (3.535)

55P6



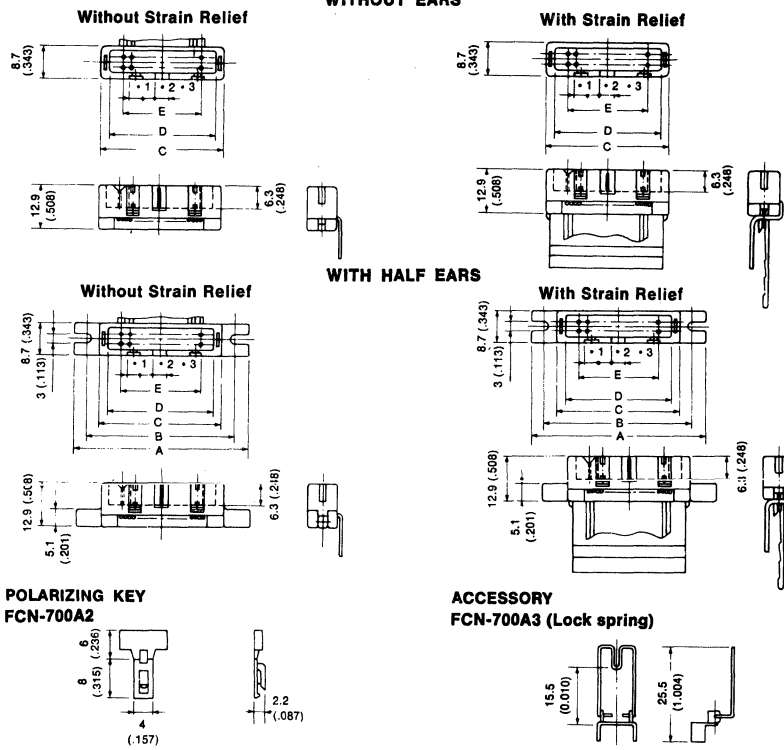
No. of Pins	A	B	C	D	E
10	1.28" (32.00)	0.858" (21.79)	0.700" (18.00)	0.400" (10.16)	1.098" (27.90)
14	1.46" (37.08)	1.058" (26.87)	0.900" (23.08)	0.600" (15.24)	1.298" (32.97)
16	1.56" (39.62)	1.158" (29.41)	1.000" (25.62)	0.700" (17.78)	1.398" (35.50)
20	1.76" (44.70)	1.358" (34.50)	1.200" (30.70)	0.900" (22.86)	1.598" (40.60)
26	2.08" (52.32)	1.658" (42.10)	1.500" (38.32)	1.200" (30.48)	1.902" (48.30)
34	2.46" (62.48)	2.058" (52.27)	1.900" (48.46)	1.600" (40.64)	2.298" (58.40)
40	2.78" (70.10)	2.358" (59.90)	2.200" (56.10)	1.900" (48.26)	2.598" (66.00)
50	3.26" (82.80)	2.858" (72.60)	2.700" (68.80)	2.400" (60.96)	3.098" (78.70)
60	3.76" (95.50)	3.358" (85.30)	3.200" (81.50)	2.900" (73.66)	3.598" (91.40)

DIMENSIONS IN INCHES (MM)

OUTLINE DRAWINGS

34P5

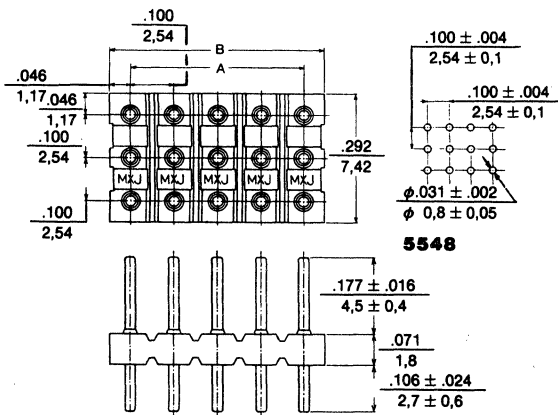
DIMENSIONS



Unit: mm(inch)

No. of Contacts	A	B	C	D	E
10	38.10 (1.500)	30.48 (1.200)	22.86 (.900)	18.03 (.710)	10.16 (.400)
14	43.18 (1.700)	35.56 (1.400)	27.92 (1.100)	23.11 (.910)	15.24 (.600)
16	45.72 (1.800)	38.10 (1.500)	30.48 (1.200)	25.65 (1.010)	17.78 (.700)
20	50.80 (2.000)	43.18 (1.700)	35.56 (1.400)	30.73 (1.210)	22.86 (.900)
26	58.42 (2.300)	50.80 (2.000)	43.18 (1.700)	38.35 (1.510)	30.48 (1.200)
30	63.50 (2.500)	55.88 (2.200)	48.26 (1.900)	43.43 (1.710)	35.56 (1.400)
34	68.58 (2.700)	60.96 (2.400)	53.34 (2.100)	48.51 (1.910)	40.64 (1.600)
40	76.20 (3.000)	68.58 (2.700)	60.96 (2.400)	56.13 (2.210)	48.26 (1.900)
50	88.90 (3.500)	81.28 (3.200)	73.66 (2.900)	68.83 (2.710)	60.96 (2.400)
60	101.60 (4.000)	93.98 (3.700)	86.36 (3.400)	81.53 (3.210)	73.66 (2.900)

38P5

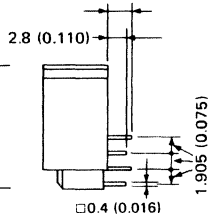
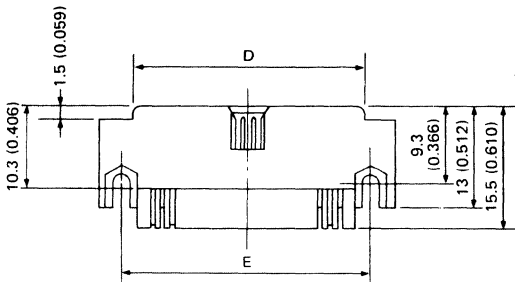
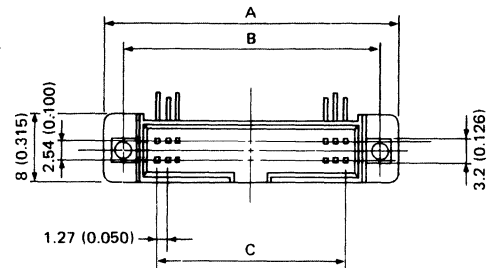


5548 - Triple Row					
Ckts.	Dim. A	Dim. B	Ckts.	Dim. A	Dim. B
9	5,08 .200	7,42 .292	21	15,24 .600	17,58 .692
12	7,62 .300	9,96 .392	24	17,78 .700	20,12 .792
15	10,16 .400	12,50 .492	27	20,32 .800	22,66 .892
18	12,70 .500	15,04 .592			
			30	22,86 .900	25,20 .992
			33	25,40 1.000	27,74 1.092
			36	27,94 1.100	30,28 1.192

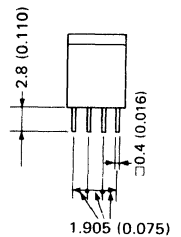
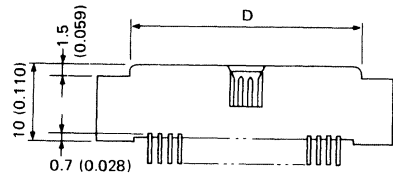
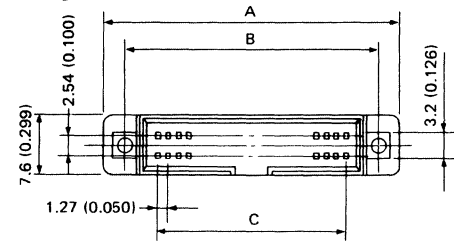
OUTLINE DRAWINGS

34P13

Right-angle



Straight

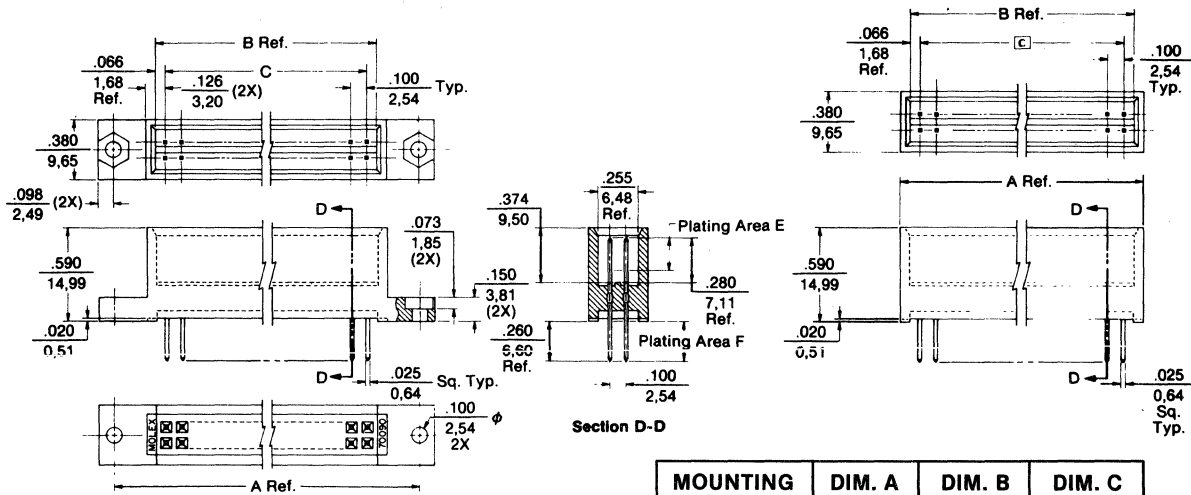


Designations

No. of contacts	Designation		Dimension				
	Right-angle	Straight	A	B	C	D	E
30	FCN-215Q030-G/0	FCN-214Q030-G/0	31.83(1.253)	26.28(1.035)	17.78(0.700)	23.08(0.909)	25.28(0.995)
34	FCN-215Q034-G/0	FCN-214Q034-G/0	34.37(1.353)	28.82(1.135)	20.32(0.800)	25.62(1.009)	27.82(1.095)
40	FCN-215Q040-G/0	FCN-214Q040-G/0	38.18(1.503)	32.63(1.285)	24.13(0.950)	29.43(1.159)	31.63(1.245)
50	FCN-215Q050-G/0	FCN-214Q050-G/0	44.53(1.753)	38.98(1.535)	30.48(1.200)	35.78(1.409)	37.98(1.495)
60	FCN-215Q060-G/0	FCN-214Q060-G/0	50.88(2.003)	45.33(1.785)	36.83(1.450)	42.13(1.659)	44.33(1.745)
80	FCN-215Q080-G/0	FCN-214Q080-G/0	63.58(2.503)	58.03(2.285)	49.53(1.950)	54.83(2.159)	57.03(2.245)
92	FCN-215Q092-G/0	FCN-214Q092-G/0	71.20(2.803)	65.65(2.585)	57.15(2.250)	62.45(2.459)	64.65(2.545)
100	FCN-215Q100-G/0	FCN-214Q100-G/0	76.28(3.003)	70.73(2.785)	62.23(2.450)	67.53(2.659)	69.73(2.745)
120	FCN-215Q120-G/0	FCN-214Q120-G/0	88.98(3.503)	83.43(3.285)	74.93(2.950)	80.23(3.159)	82.43(3.245)

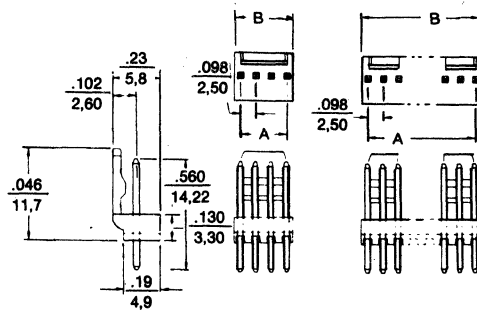
OUTLINE DRAWINGS

38P6



38P8

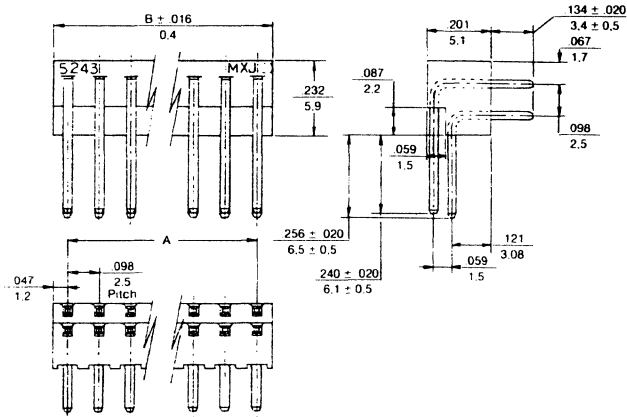
Typical 2 through 5 circuits Typical 6 through 17 circuits



Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
2	.098 ± .010 2,50 ± 0,10	.177 4,50	7	.591 ± .012 15,0 ± 0,30	.669 ± .012 17,0 ± 0,30	12	1.083 ± .014 27,50 ± 0,35	1.161 ± .014 29,50 ± 0,35	17	1.574 ± .014 40,00 ± 0,35	1.653 ± .014 42,00 ± 0,35
3	.197 ± .006 5,00 ± 0,15	.276 7,00	8	.689 ± .012 17,5 ± 0,30	.768 ± .012 19,5 ± 0,30	13	1.181 ± .014 30,00 ± 0,35	1.260 ± .014 32,00 ± 0,35	18	1.673 ± .014 42,50 ± 0,35	1.752 ± .014 44,50 ± 0,35
4	.295 ± .006 7,50 ± 0,15	.374 9,50	9	.787 ± .012 20,0 ± 0,30	.866 ± .012 22,0 ± 0,30	14	1.279 ± .014 32,50 ± 0,35	1.358 ± .014 34,50 ± 0,35	19	1.772 ± .014 45,00 ± 0,35	1.850 ± .014 47,00 ± 0,35
5	.394 ± .010 10,0 ± 0,25	.472 12,0	10	.886 ± .014 22,5 ± 0,35	.964 ± .014 24,5 ± 0,35	15	1.378 ± .014 35,00 ± 0,35	1.457 ± .014 37,00 ± 0,35	20	1.870 ± .014 47,50 ± 0,35	1.949 ± .014 49,50 ± 0,35
6	.492 ± .010 12,5 ± 0,25	.571 14,5	11	.984 ± .014 25,0 ± 0,35	1.063 ± .014 27,0 ± 0,35	16	1.476 ± .014 37,50 ± 0,35	1.555 ± .014 39,50 ± 0,35			

OUTLINE DRAWINGS

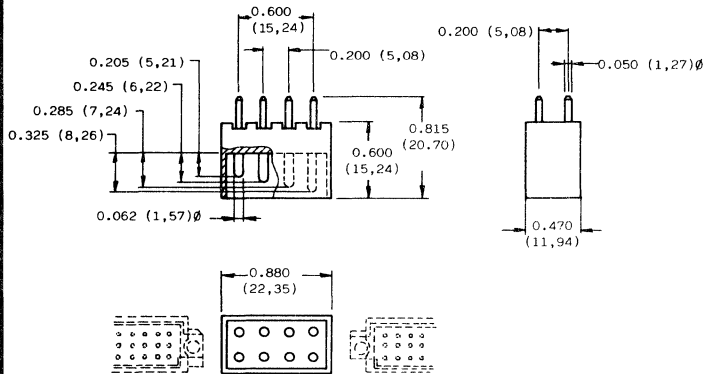
38P9



Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
8	.295 7,5	.390 9,9	16	.689 17,5	.783 19,9	24	1.083 27,5	1.177 29,9	30	1.378 35	1.472 37,4	36	1.673 42,5	1.768 44,9
10	.394 10	.488 12,4	18	.787 20	.882 22,4	26	1.181 30	1.276 32,4	32	1.476 37,5	1.571 39,9	38	1.772 45	1.866 47,4
12	.492 12,5	.587 14,9	19	.886 22,5	.980 24,9	27	1.280 32,5	1.374 34,9	34	1.575 40	1.669 42,4	40	1.870 47,5	1.965 49,9
14	.591 15	.685 17,4	22	.984 25	1.071 27,2									

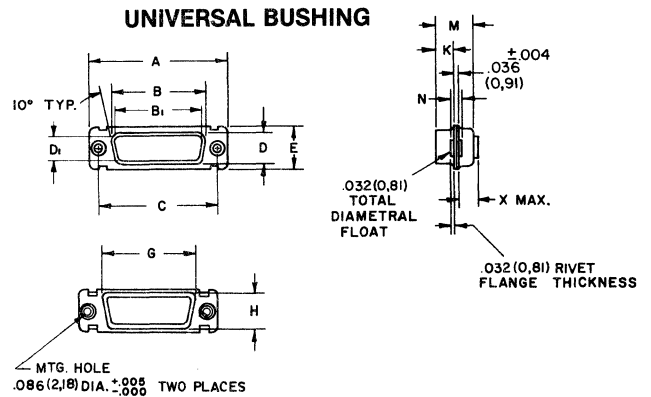
67P1

Dimensions are in inches (millimeters).

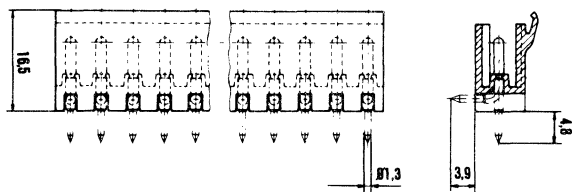


67P2

SHELL WITH FLOAT MOUNTS



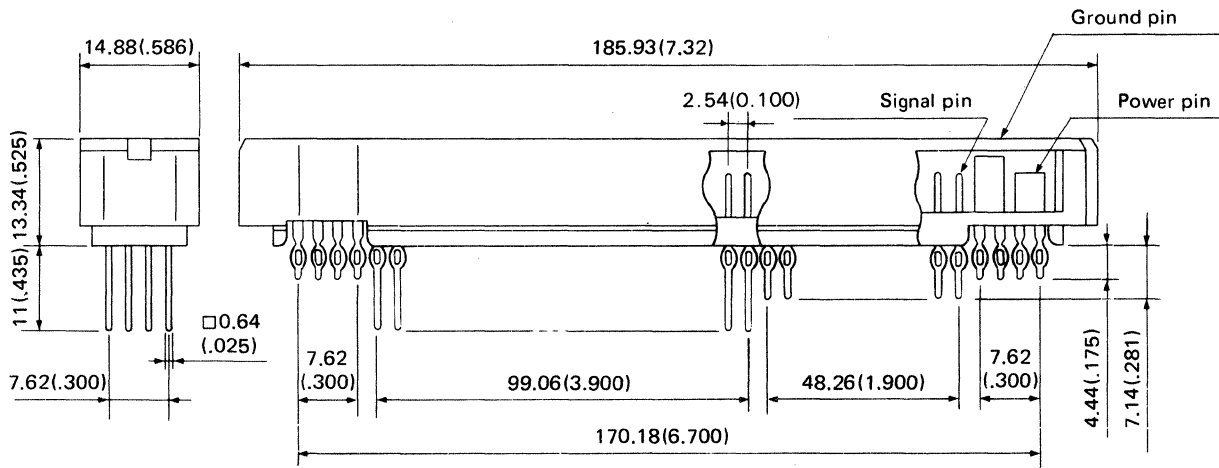
109P1



NUMBER OF CONTACTS	A $\pm .015$	B ₁ $\pm .005$	C $\pm .005$	D ₁ $\pm .005$	E $\pm .015$	G $\pm .010$	H $\pm .010$	K $\pm .010$	M $\pm .010$	N $\pm .010$	X MAX.
9	1.213 30,81	.666 16,92	.984 24,99	.329 8,36	.494 12,55	.759 19,28	.422 10,72	.235 5,97	.422 10,72	.120 3,05	.220 5,59
15	1.541 39,14	.994 25,25	1.312 33,32	.329 8,36	.494 12,55	1.083 27,51	.422 10,72	.235 5,97	.422 10,72	.120 3,05	.220 5,59
25	2.088 53,04	1.534 38,86	1.852 47,04	.329 8,36	.494 12,55	1.625 41,28	.422 10,72	.230 5,84	.422 10,72	.120 3,05	.220 5,59
37	2.729 69,32	2.182 55,42	2.500 63,50	.329 8,36	.494 12,55	2.272 57,71	.422 10,72	.230 5,84	.422 10,72	.120 3,05	.220 5,59
50	2.835 66,93	2.079 52,81	2.406 61,11	.441 11,20	.605 15,37	2.178 55,32	.534 13,56	.230 5,84	.422 10,72	.120 3,05	.220 5,59

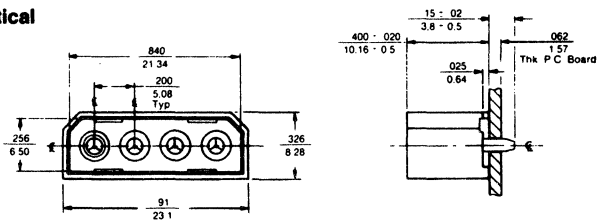
OUTLINE DRAWINGS

34P12

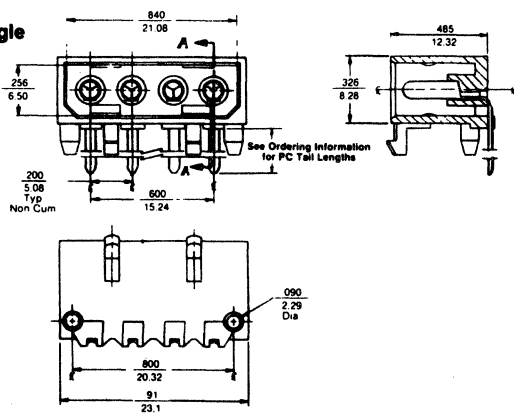


38P11

Vertical

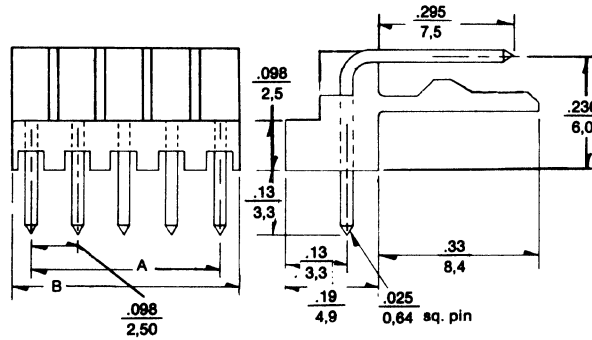


Right Angle



OUTLINE DRAWINGS

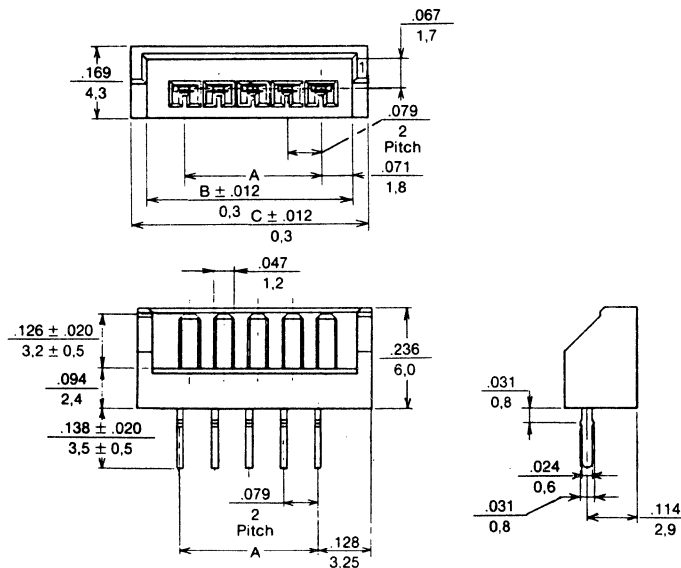
38P7



Inches
mm

Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
2	.098 ± .010 2.50 ± 0.10	.177 4.50	7	.591 ± .012 15.0 ± 0.30	.669 ± .012 17.0 ± 0.30	12	1.083 ± .014 27.50 ± 0.35	1.161 ± .014 29.50 ± 0.35	17	1.574 ± .014 40.00 ± 0.35	1.653 ± .014 42.00 ± 0.35
3	.197 ± .006 5.00 ± 0.15	.276 7.00	8	.689 ± .012 17.5 ± 0.30	.768 ± .012 19.5 ± 0.30	13	1.181 ± .014 30.00 ± 0.35	1.260 ± .014 32.00 ± 0.35	18	1.673 ± .014 42.50 ± 0.35	1.752 ± .014 44.50 ± 0.35
4	.295 ± .006 7.50 ± 0.15	.374 9.50	9	.787 ± .012 20.0 ± 0.30	.866 ± .012 22.0 ± 0.30	14	1.279 ± .014 32.50 ± 0.35	1.358 ± .014 34.50 ± 0.35	19	1.772 ± .014 45.00 ± 0.35	1.850 ± .014 47.00 ± 0.35
5	.394 ± .010 10.0 ± 0.25	.472 12.0	10	.886 ± .014 22.5 ± 0.35	.964 ± .014 24.5 ± 0.35	15	1.378 ± .014 35.00 ± 0.35	1.457 ± .014 37.00 ± 0.35	20	1.870 ± .014 47.50 ± 0.35	1.949 ± .014 49.50 ± 0.35
6	.492 ± .010 12.5 ± 0.25	.571 14.5	11	.984 ± .014 25.0 ± 0.35	1.063 ± .014 27.0 ± 0.35	16	1.476 ± .014 37.50 ± 0.35	1.555 ± .014 39.50 ± 0.35			

38P10



Circuits	Dim. A	Dim. B	Dim. C	Circuits	Dim. A	Dim. B	Dim. C	Circuits	Dim. A	Dim. B	Dim. C
2	.079 2	.240 6.1	.311 7.9	9	.630 16	.791 20.1	.862 21.9	15	1.102 28	1.264 32.1	1.335 33.9
3	.157 4	.319 8.1	.390 9.9	10	.709 18	.870 22.1	.941 23.9	16	1.181 30	1.343 34.1	1.413 35.9
4	.236 6	.398 10.1	.469 11.9	11	.787 20	.949 24.1	1.020 25.9	17	1.260 32	1.421 36.1	1.492 37.9
5	.315 8	.476 12.1	.547 13.9	12	.866 22	1.028 26.1	1.098 27.9	18	1.339 34	1.500 38.1	1.571 39.9
6	.394 10	.555 14.1	.626 15.9	13	.945 24	1.106 28.1	1.177 29.9	19	1.417 36	1.579 40.1	1.650 41.9
7	.472 12	.634 16.1	.705 17.9	14	1.024 26	1.185 30.1	1.256 31.9	20	1.496 38	1.657 42.1	1.728 43.9
8	.551 14	.713 18.1	.783 19.9								

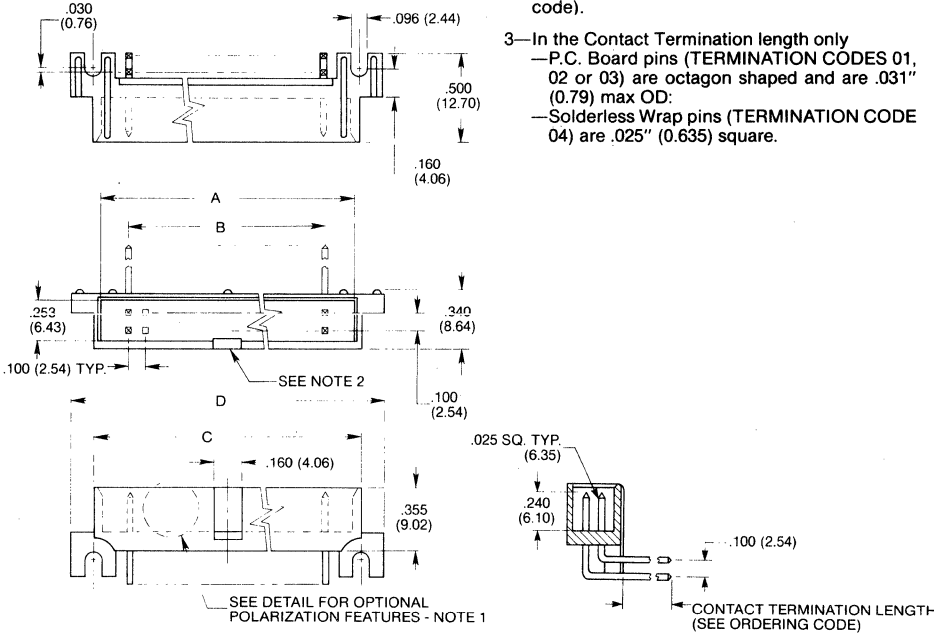
OUTLINE DRAWINGS

41P3

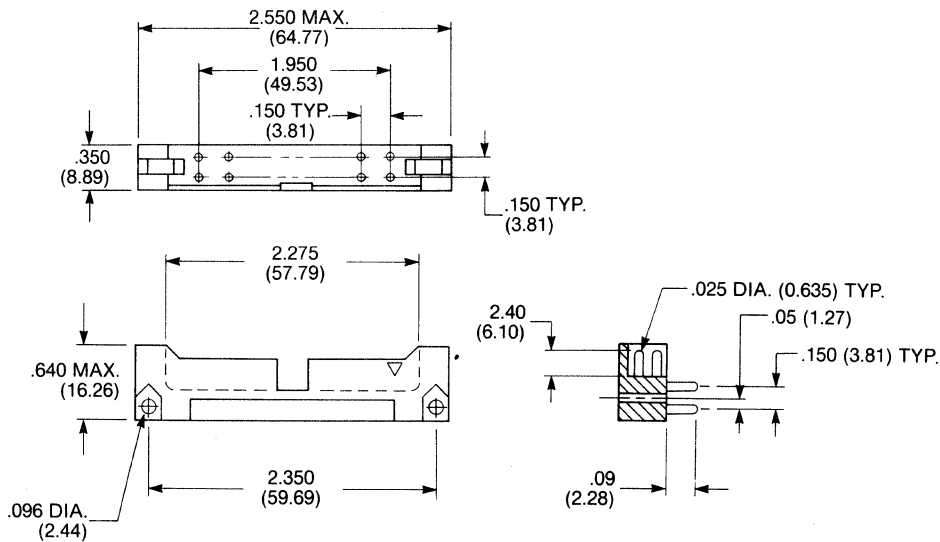
NOTES:

- 1—Headers with 10 and 14 contact positions have a single polarization feature: All other sizes have double polarization features.
- 2—This center polarization slot does not appear on 10 contact position headers with type "O" polarizing (window for snap-in-key—See ordering code).
- 3—In the Contact Termination length only
 - P.C. Board pins (TERMINATION CODES 01, 02 or 03) are octagon shaped and are .031" (0.79) max OD:
 - Solderless Wrap pins (TERMINATION CODE 04) are .025" (0.635) square.

No. of Contacts	A	B	C	D
10	.710 (18.03)	.400 (10.16)	.800 (20.32)	1.050 (26.67)
14	.910 (23.11)	.600 (15.24)	1.000 (25.40)	1.250 (31.75)
16	1.010 (25.65)	.700 (17.78)	1.100 (27.94)	1.350 (34.29)
20	1.210 (30.73)	.900 (22.86)	1.300 (33.02)	1.550 (39.37)
26	1.510 (38.35)	1.200 (30.48)	1.600 (40.64)	1.850 (46.99)
34	1.910 (48.51)	1.600 (40.64)	2.000 (50.80)	2.250 (57.15)
40	2.210 (56.12)	1.900 (48.26)	2.300 (58.42)	2.550 (64.77)
■ 44	2.410 (61.21)	2.100 (53.34)	2.500 (63.50)	2.750 (69.85)
50	2.710 (68.83)	2.400 (60.96)	2.800 (71.12)	3.050 (77.47)
■ 56	3.010 (76.45)	2.700 (68.58)	3.100 (78.74)	3.350 (85.09)
60	3.210 (81.53)	2.900 (73.66)	3.300 (83.82)	3.550 (90.17)
64	3.410 (86.61)	3.100 (78.74)	3.500 (88.90)	3.750 (95.25)

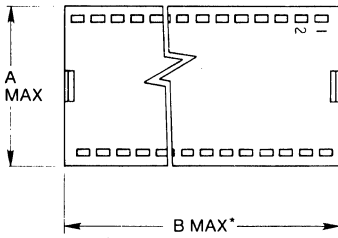


41P4

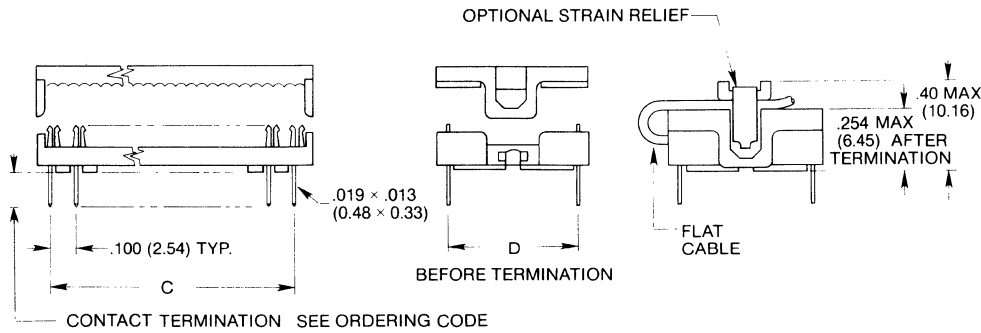


OUTLINE DRAWINGS

41P5

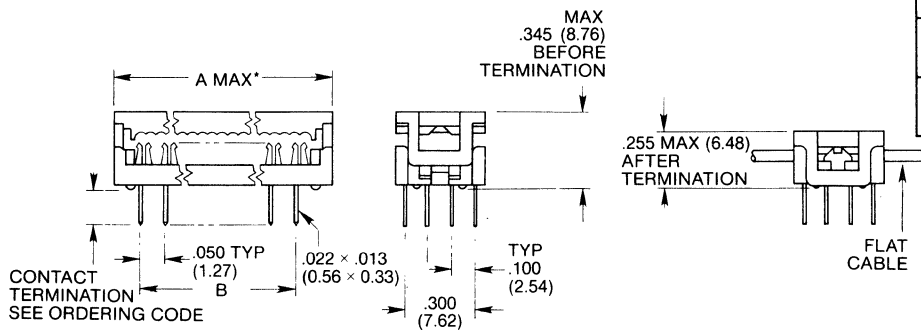
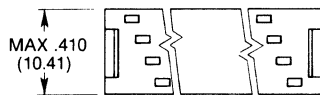


No. of Contact Positions	A Max	B Max	C	D
14	.431 (10.95)	.780 (19.81)	.600 (15.24)	.300 (7.62)
16	.431 (10.95)	.880 (22.35)	.700 (17.78)	.300 (7.62)
24	.731 (18.57)	1.280 (32.51)	1.100 (27.94)	.600 (15.24)
40	.731 (18.57)	2.080 (52.83)	1.900 (48.26)	.600 (15.24)



* EXPANSION OF SNAP-IN FINGERS NOT INCLUDED

41P6

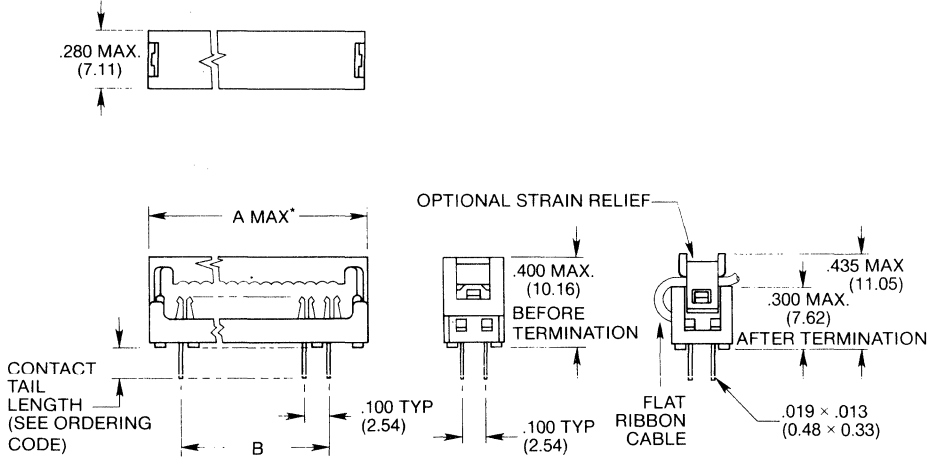


No. of Contact Positions	A Max	B
10	.700 (17.78)	.450 (11.43)
16	1.000 (25.40)	.750 (19.05)
20	1.200 (30.48)	.950 (24.13)
26	1.500 (38.10)	1.250 (31.75)
34	1.900 (48.26)	1.650 (41.91)
40	2.200 (55.88)	1.950 (49.53)
50	2.700 (68.58)	2.450 (62.23)
60	3.200 (81.28)	2.950 (74.93)

*EXPANSION OF SNAP-IN FINGERS NOT INCLUDED

OUTLINE DRAWINGS

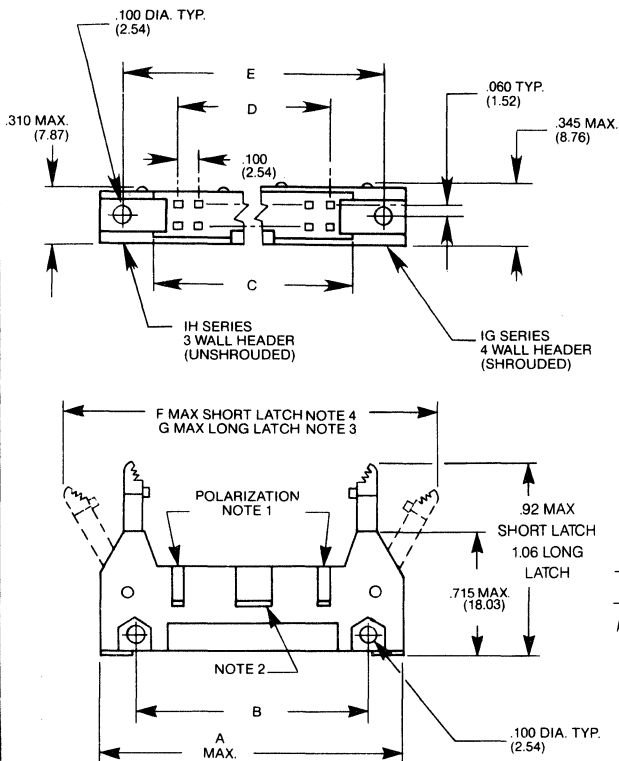
41P7



* EXPANSION OF SNAP-IN FINGERS NOT INCLUDED

No. of Contact Positions	A Max	B
10	.700 (17.78)	.400 (10.16)
14	.900 (22.86)	.600 (15.24)
16	1.000 (25.40)	.700 (17.78)
20	1.200 (30.48)	.900 (22.86)
26	1.500 (38.10)	1.200 (30.48)
34	1.900 (48.26)	1.600 (40.64)
40	2.200 (55.88)	1.900 (48.26)
44	2.400 (60.96)	2.100 (53.34)
50	2.700 (68.58)	2.400 (60.96)
60	3.200 (81.28)	2.900 (73.66)
64	3.400 (86.36)	3.100 (78.74)

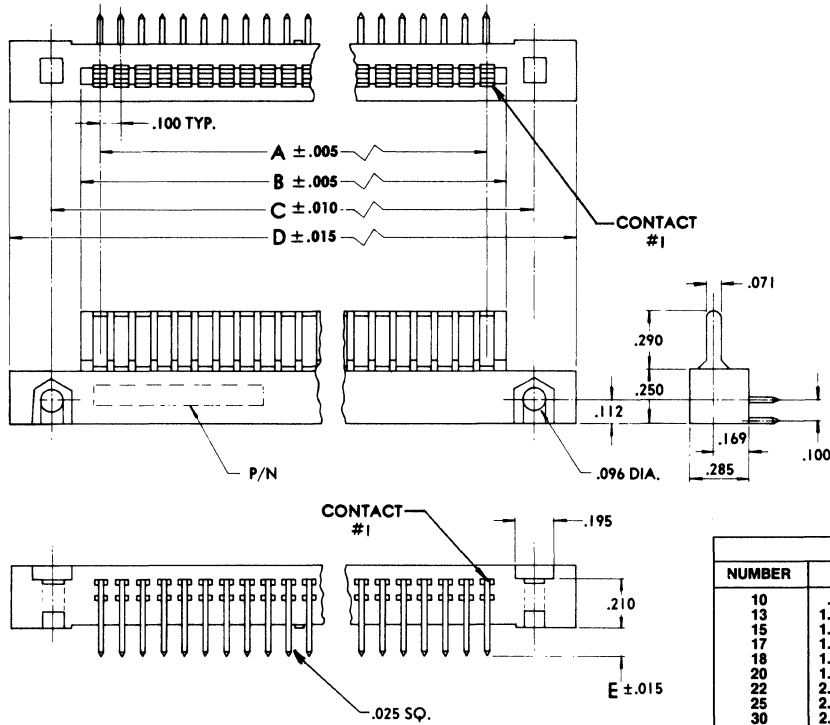
41P2



No. of Contact Positions	A MAX	B	C	D	E	F MAX short latch	G MAX long latch
10	1.270 (32.26)	.858 (21.79)	.709 (18.01)	.400 (10.16)	1.098 (27.89)	1.77 (44.96)	1.94 (49.28)
14	1.470 (37.34)	1.058 (26.87)	.909 (23.09)	.600 (15.24)	1.298 (32.97)	1.97 (50.04)	2.14 (54.36)
16	1.570 (39.88)	1.158 (29.41)	1.009 (25.63)	.700 (17.78)	1.398 (35.51)	2.07 (52.58)	2.24 (56.90)
20	1.770 (44.96)	1.358 (34.49)	1.209 (30.71)	.900 (22.86)	1.598 (40.59)	2.27 (57.66)	2.44 (61.98)
26	2.070 (52.58)	1.658 (42.11)	1.509 (38.33)	1.200 (30.48)	1.898 (48.21)	2.57 (65.28)	2.74 (69.60)
34	2.470 (62.74)	2.058 (52.27)	1.909 (48.49)	1.600 (40.64)	2.298 (58.39)	2.97 (75.44)	3.14 (79.76)
40	2.770 (70.36)	2.358 (59.89)	2.209 (56.11)	1.900 (48.26)	2.598 (65.99)	3.27 (83.06)	3.44 (87.38)
50	3.270 (83.06)	2.858 (72.59)	2.709 (68.81)	2.400 (60.96)	3.098 (78.69)	3.77 (95.76)	3.94 (100.08)
60	3.770 (95.76)	3.358 (85.29)	3.209 (81.51)	2.900 (73.66)	3.598 (91.39)	4.27 (108.46)	4.44 (112.78)

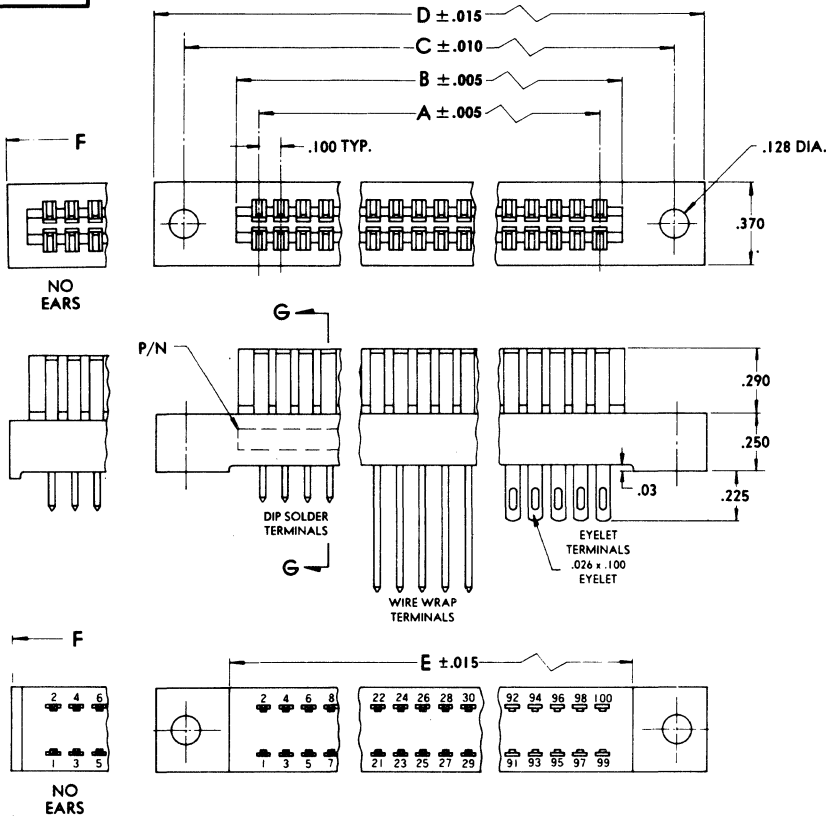
OUTLINE DRAWINGS

46P1

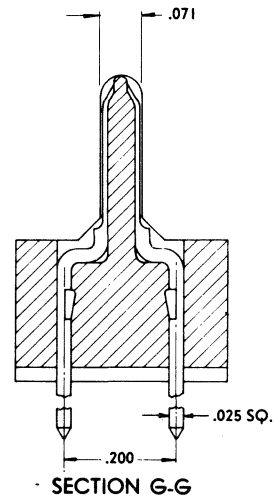


DIMENSIONS						
NUMBER	A	B	C	D	E DIP SOLDER	E WIRE WRAP
10	.900	1.090	1.360	1.760	.130	.560
13	1.200	1.390	1.860	2.060	.130	.560
15	1.400	1.590	1.860	2.260	.130	.560
17	1.600	1.790	2.060	2.460	.130	.560
18	1.700	1.890	2.160	2.560	.130	.560
20	1.900	2.090	2.360	2.760	.130	.560
22	2.100	2.290	2.560	2.960	.130	.560
25	2.400	2.590	2.860	3.260	.130	.560
30	2.900	3.090	3.360	3.760	.130	.560
36	3.500	3.690	3.960	4.360	.130	.560
40	3.900	4.090	4.360	4.760	.130	.560
50	4.900	5.090	5.360	5.760	.130	.560

46P3

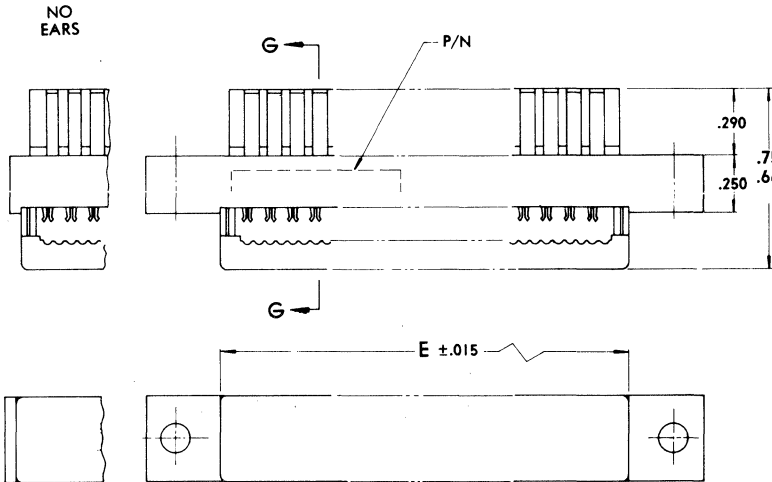
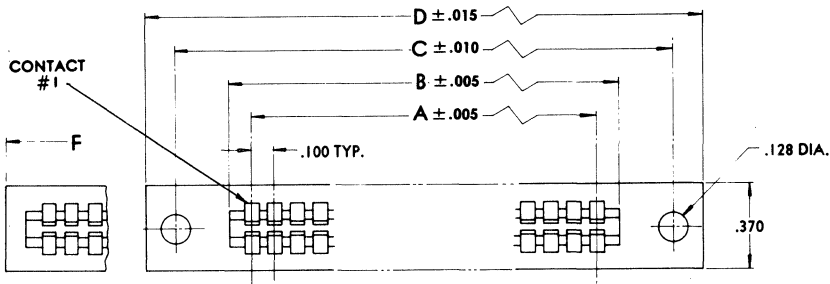


DIMENSIONS						
NUMBER	A	B	C	D	E	F
10	.900	1.090	1.575	1.835	1.175	1.260
13	1.200	1.390	1.875	2.135	1.475	1.560
17	1.600	1.790	2.275	2.535	1.875	1.960
18	1.700	1.890	2.375	2.635	2.975	2.060
20	1.900	2.090	2.575	2.835	2.175	2.260
22	2.100	2.290	2.775	3.035	2.375	2.460
25	2.400	2.590	3.075	3.335	2.675	2.760
30	2.900	3.090	3.575	3.835	3.175	3.260
36	3.500	3.690	4.175	4.435	3.775	3.860

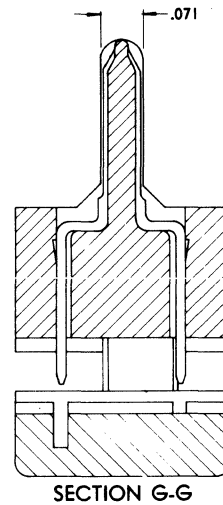


OUTLINE DRAWINGS

46P2

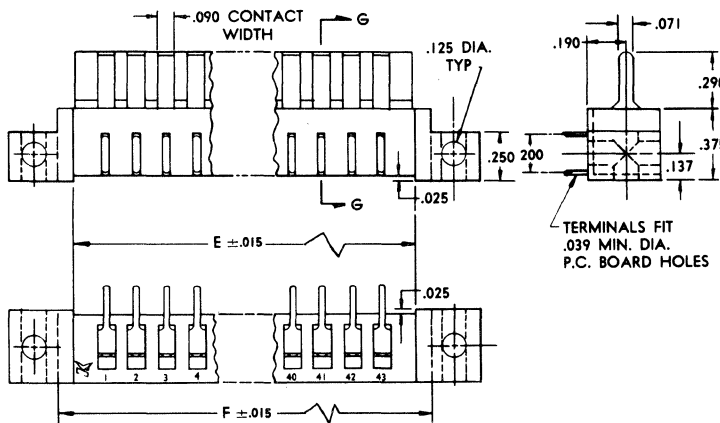
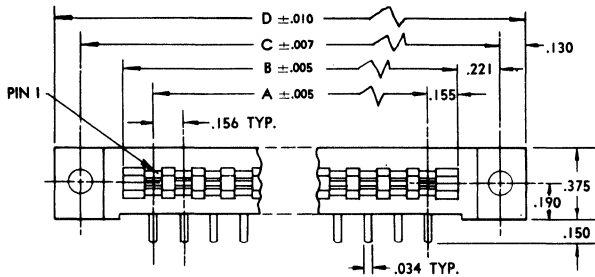


DIMENSIONS						
NUMBER	A	B	C	D	E	F
10	.900	1.090	1.575	1.835	1.180	1.260
13	1.200	1.390	1.875	2.135	1.480	1.560
15	1.400	1.590	2.075	2.335	1.680	1.760
17	1.600	1.790	2.275	2.535	1.880	1.960
18	1.700	1.890	2.375	2.635	1.980	2.060
20	1.900	2.090	2.575	2.835	2.180	2.260
22	2.100	2.290	2.775	3.035	2.380	2.460
25	2.400	2.590	3.075	3.335	2.680	2.760
30	2.900	3.090	3.575	3.835	3.180	3.260
36	3.500	3.690	4.175	4.435	3.780	3.860
40	3.900	4.090	4.575	4.835	4.180	4.260
50	4.900	5.090	5.575	5.835	5.180	5.260

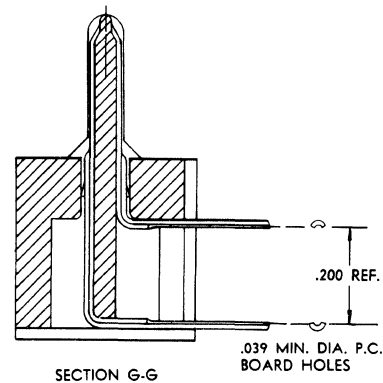


BEFORE SEATING
AFTER SEATING
CABLE & CLAMP

46P4



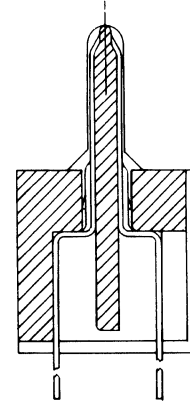
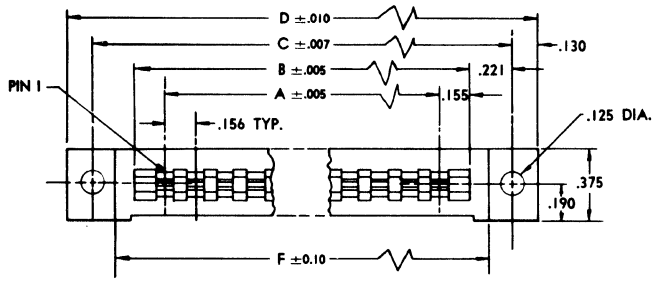
TERMINALS FIT
.039 MIN. DIA.
P.C. BOARD HOLES



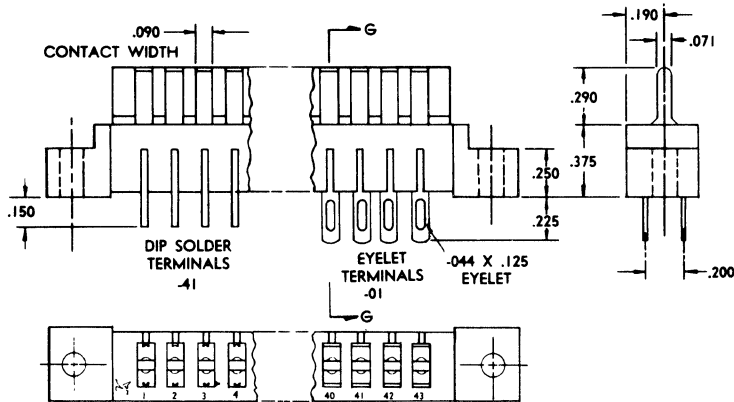
DIMENSIONS						
NUMBER	A	B	C	D	E	F
10	1.404	1.714	2.160	2.420	1.720	1.878
15	2.184	2.494	2.940	3.200	2.500	2.658
18	2.652	2.962	3.408	3.668	2.968	3.126
22	3.276	3.586	4.032	4.292	3.592	3.750
28	4.212	4.522	4.968	5.228	4.528	4.686
36	5.460	5.770	6.216	6.476	5.776	5.934
43	6.552	6.862	7.308	7.568	6.868	7.026

OUTLINE DRAWINGS

46P5

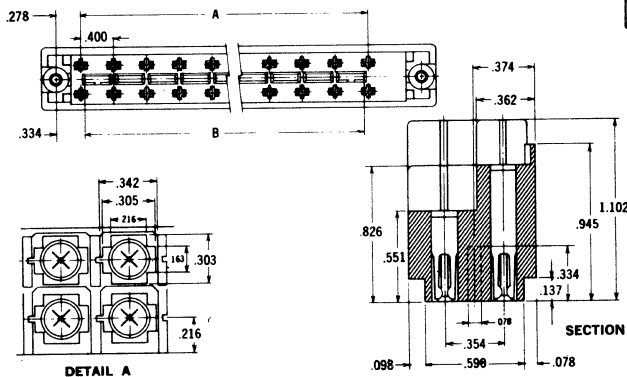
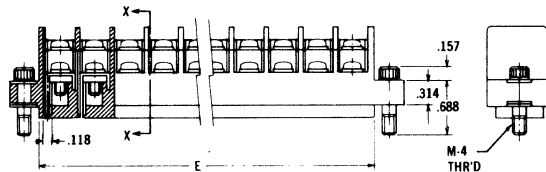
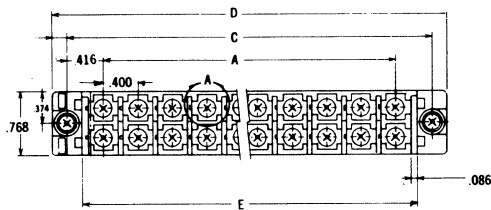


SECTION G-G



DIMENSIONS						
NUMBER	A	B	C	D	E	F
10	1.404	1.714	2.160	2.420	1.720	1.878
15	2.184	2.494	2.940	3.200	2.500	2.658
18	2.652	2.962	3.408	3.668	2.968	3.126
22	3.276	3.586	4.032	4.292	3.592	3.750
28	4.212	4.522	4.968	5.228	4.528	4.685
36	5.460	5.770	6.216	6.476	5.776	5.934
43	6.552	6.862	7.308	7.568	6.868	7.026

46P6

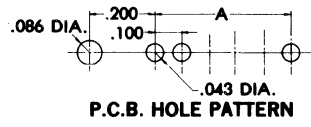
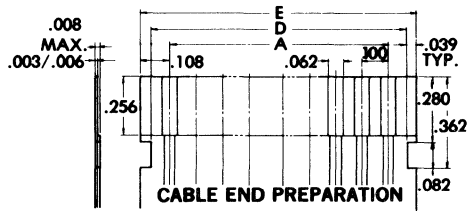
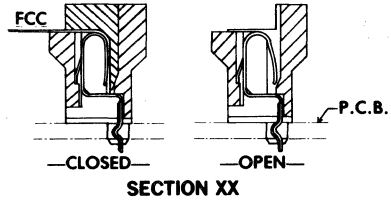
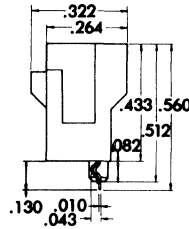
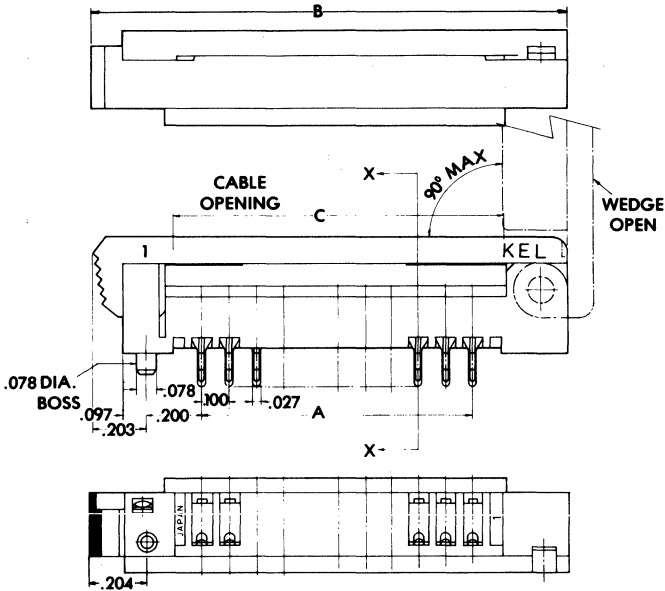


SIZE	A	B	C	D	E
12	2.000	1.921	2.850	3.192	2.497
20	3.600	3.521	4.450	4.792	4.097
36	6.800	6.721	7.650	7.992	7.297

OUTLINE DRAWINGS

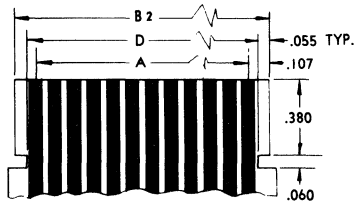
46P7

MIN/MAX CABLE THICKNESS - .003 TO .006
(ONE SIDE STRIPPED)

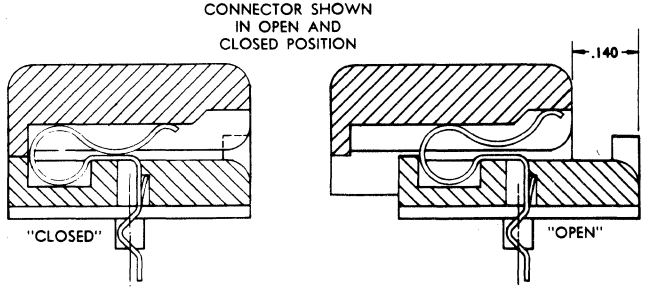
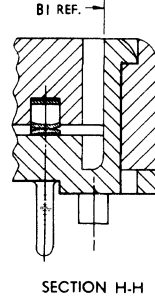
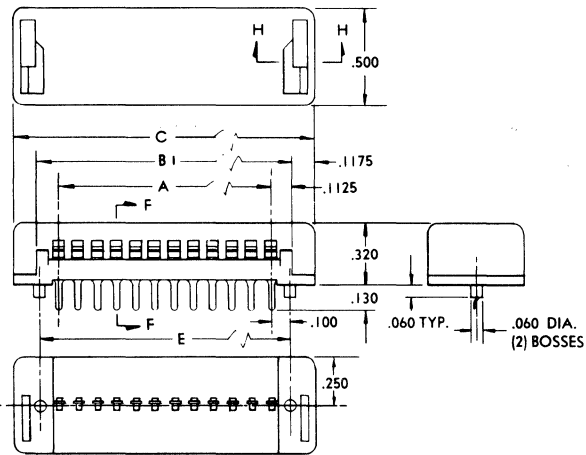


DIMEN.	NO. OF CONTACTS							
	10	11	12	13	14	15	16	17
A	.900	1.000	1.100	1.200	1.300	1.400	1.500	1.600
B	1.660	1.760	1.860	1.960	2.060	2.160	2.260	2.360
C	1.125	1.225	1.325	1.425	1.525	1.625	1.725	1.825
D	1.044	1.144	1.244	1.344	1.444	1.544	1.644	1.744
E	1.116	1.216	1.316	1.416	1.516	1.616	1.716	1.816

46P8

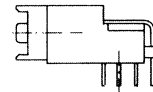
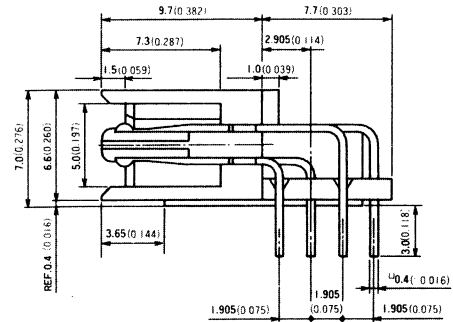
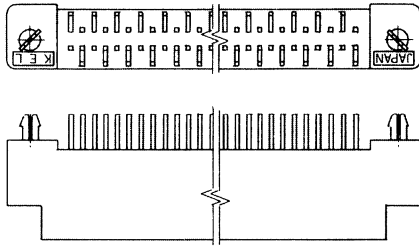
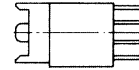
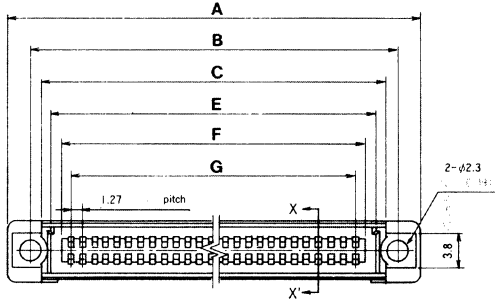
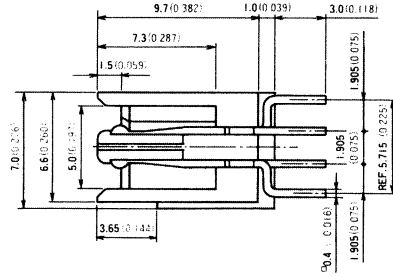
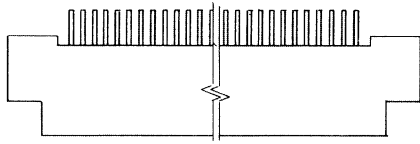


NUMBER	SIZE	DIMENSION TABLE					
		A	B ¹	B ²	C	D	E
04	4	.300	.525	.515	.760	.405	.500
05	5	.400	.625	.615	.860	.505	.600
08	8	.700	.925	.915	1.160	.805	.900
10	10	.900	1.125	1.115	1.360	1.005	1.100
12	12	1.100	1.325	1.315	1.560	1.205	1.300
13	13	1.200	1.425	1.415	1.660	1.305	1.400
15	15	1.400	1.625	1.615	1.860	1.505	1.600
16	16	1.500	1.725	1.715	1.960	1.605	1.700
18	18	1.700	1.925	1.915	2.160	1.805	1.900
20	20	1.900	2.124	2.115	2.260	2.005	2.100



OUTLINE DRAWINGS

46P9

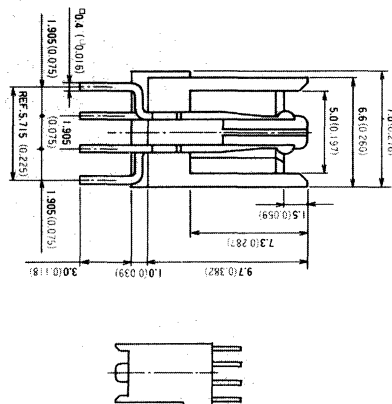
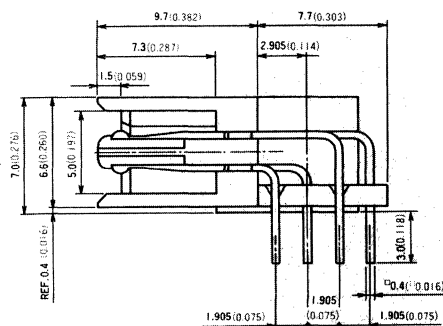
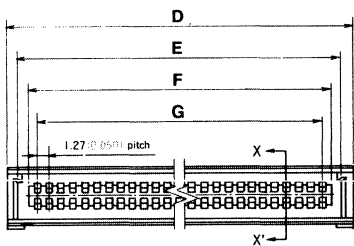
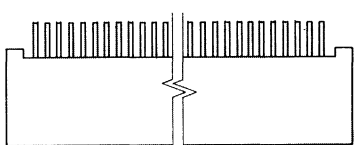


Dimensions for Plug mm (inch)

No. of contacts	A	B	C	D	E	F	G
30	31.78 (1.251)	26.67 (1.050)	24.18 (0.952)	24.18 (0.952)	22.18 (0.873)	19.38 (0.763)	17.78 (0.700)
40	38.13 (1.501)	33.02 (1.300)	30.53 (1.202)	30.53 (1.202)	28.53 (1.123)	25.73 (1.013)	24.13 (0.950)
50	44.48 (1.751)	39.37 (1.550)	36.88 (1.452)	36.88 (1.452)	34.88 (1.373)	32.08 (1.263)	30.48 (1.200)
60	50.83 (2.001)	45.72 (1.800)	43.23 (1.702)	43.23 (1.702)	41.23 (1.623)	38.43 (1.513)	36.83 (1.450)

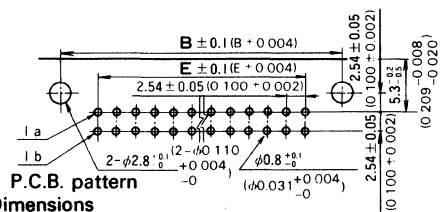
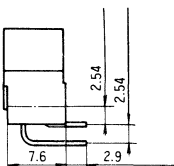
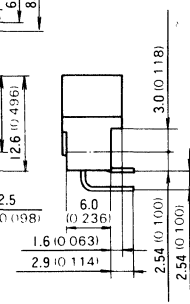
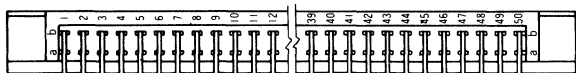
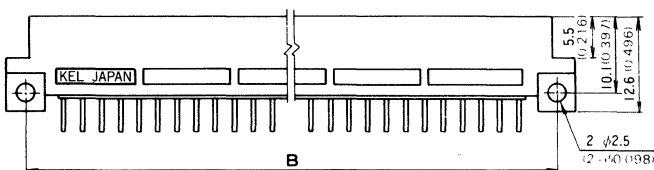
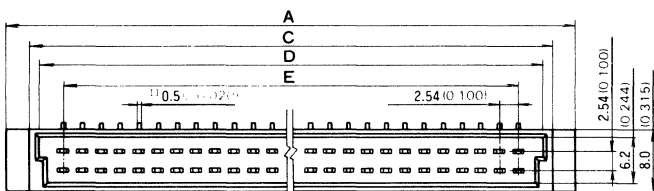
OUTLINE DRAWINGS

46P10



Dimensions for Plug							
No. of contacts	A	B	C	D	E	F	G
30	31.78 (1.251)	26.67 (1.050)	24.18 (0.952)	24.18 (0.952)	22.18 (0.873)	19.38 (0.763)	17.78 (0.700)
40	38.13 (1.501)	33.02 (1.300)	30.53 (1.202)	30.53 (1.202)	28.53 (1.123)	25.73 (1.013)	24.13 (0.950)
50	44.48 (1.751)	39.37 (1.550)	36.88 (1.452)	36.88 (1.452)	34.88 (1.373)	32.08 (1.263)	30.48 (1.200)
60	50.83 (2.001)	45.72 (1.800)	43.23 (1.702)	43.23 (1.702)	41.23 (1.623)	38.43 (1.513)	36.83 (1.450)

46P11

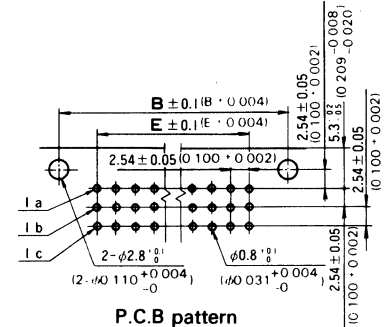
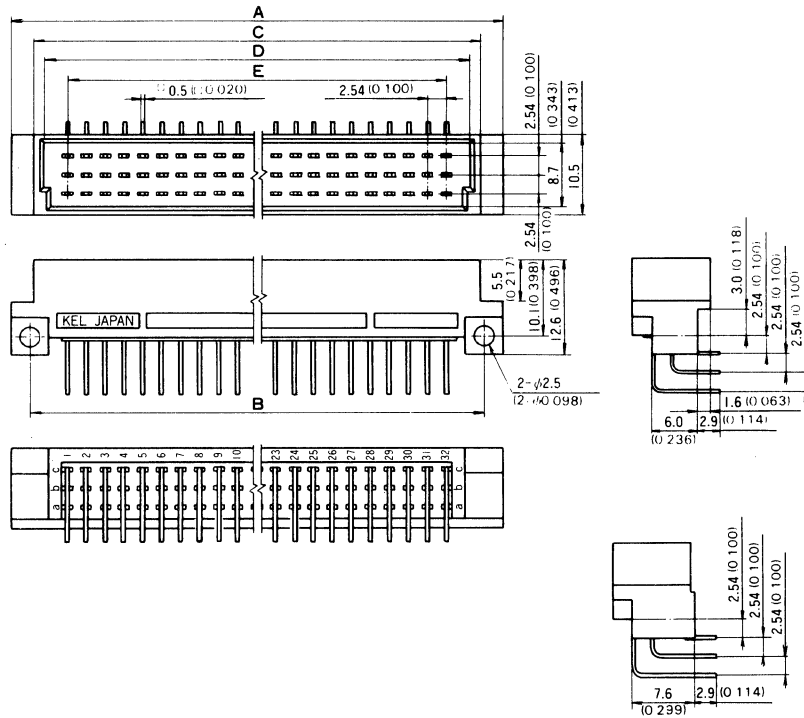


P.C.B. pattern
Dimensions

No. of contacts	A	B	C	D	E
32	53.26 (2.097)	48.26 (1.900)	46.86 (1.845)	44.66 (1.758)	38.10 (1.500)
44	68.50 (2.697)	63.50 (2.500)	62.10 (2.445)	59.90 (2.358)	53.34 (2.100)
50	76.12 (2.839)	71.12 (2.800)	69.72 (2.745)	67.52 (2.658)	60.96 (2.400)
64	93.90 (3.697)	88.90 (3.500)	87.50 (3.445)	85.30 (3.358)	78.74 (3.100)
90	126.92 (4.997)	121.92 (4.800)	120.52 (4.745)	118.32 (4.658)	111.76 (4.400)
100	139.62 (5.497)	134.62 (5.300)	133.22 (5.245)	131.02 (5.158)	124.46 (4.900)

OUTLINE DRAWINGS

46P12

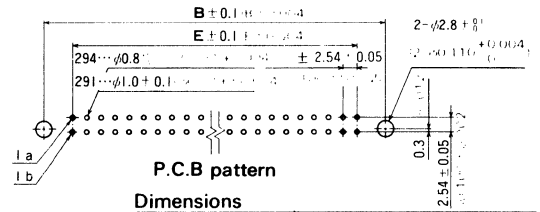
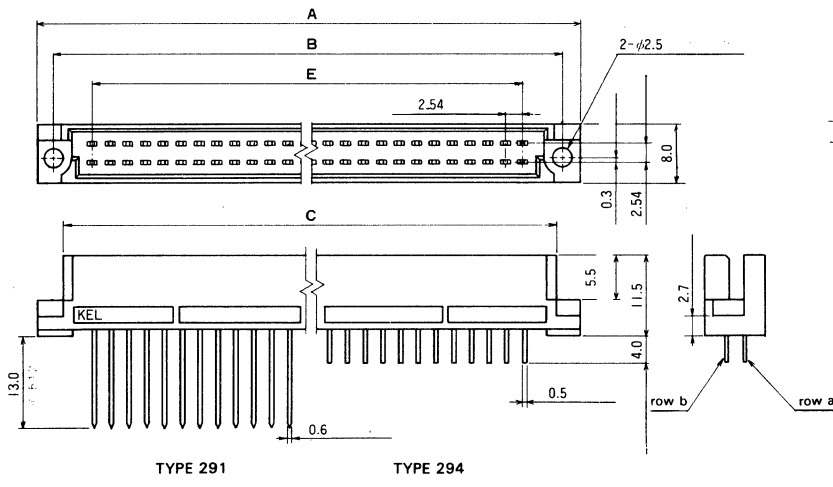


P.C.B pattern

Dimensions

No. of contacts	A	B	C	D	E
48	53.26 (2.097)	48.26 (1.900)	46.86 (1.845)	44.66 (1.758)	38.10 (1.500)
96	93.90 (3.697)	88.90 (3.500)	87.50 (3.445)	85.30 (3.358)	78.74 (3.100)

46P13



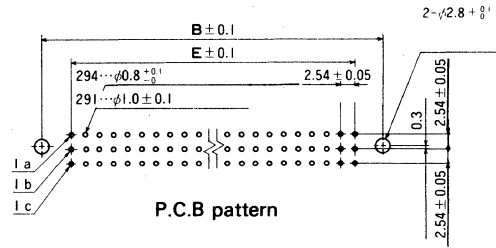
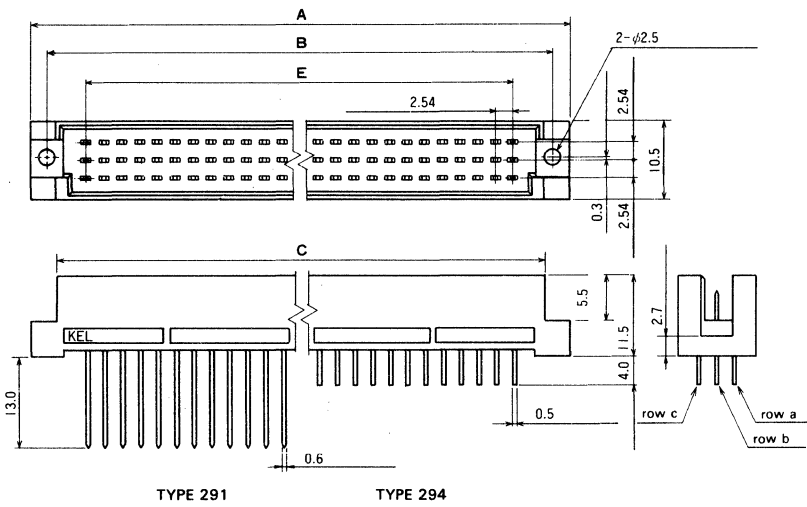
P.C.B pattern

Dimensions

No. of contacts	A	B	C	E
32	53.36 (2.101)	49.36 (1.943)	46.86 (1.845)	38.10 (1.500)
44	68.60 (2.701)	64.60 (2.543)	62.10 (2.445)	53.34 (2.100)
50	76.22 (3.001)	72.22 (2.843)	69.72 (2.745)	60.96 (2.400)
64	94.00 (3.701)	90.00 (3.543)	87.50 (3.445)	78.74 (3.100)
90	127.02 (5.001)	123.02 (4.843)	120.52 (4.745)	111.76 (4.400)
100	139.72 (5.501)	135.72 (5.343)	133.22 (5.245)	124.46 (4.900)

OUTLINE DRAWINGS

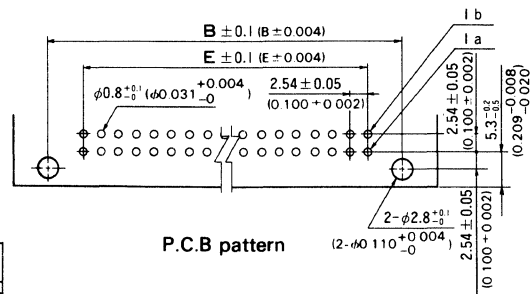
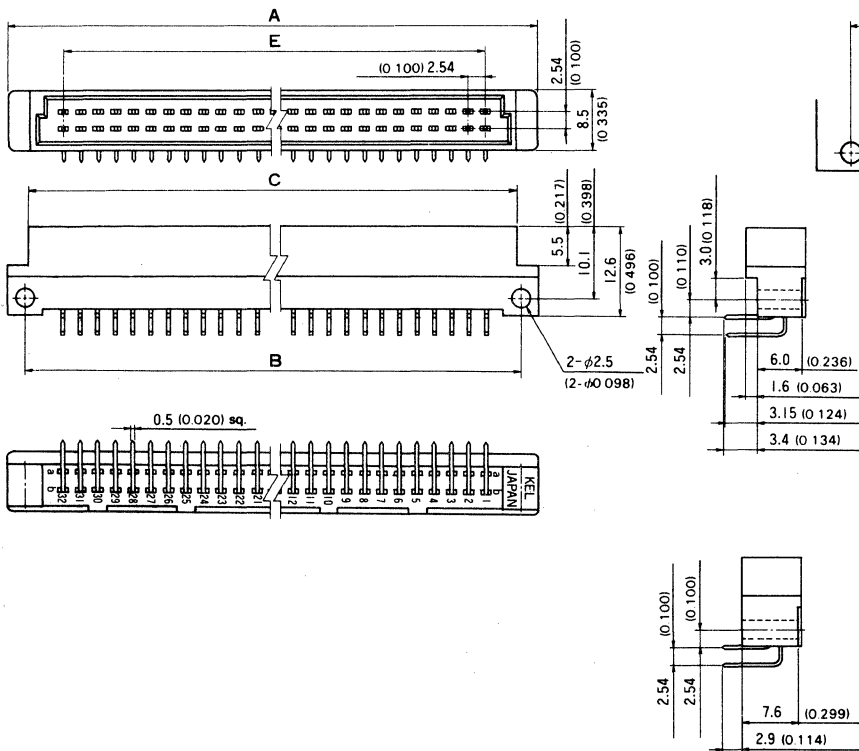
46P14



Dimensions

No. of contacts	A	B	C	E
48	53.36	49.36	46.86	38.10
96	94.00	90.00	87.50	78.74

46P15

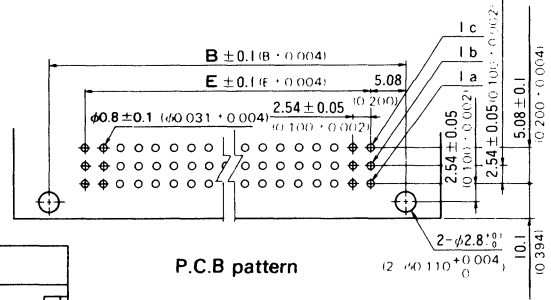
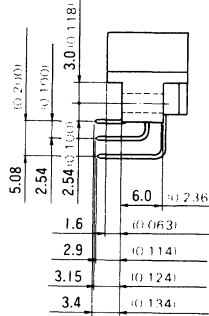
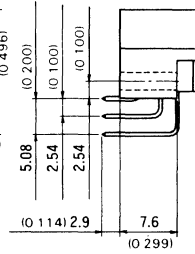
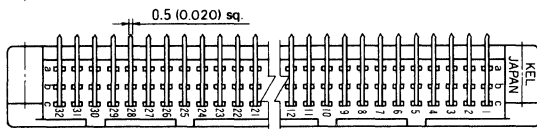
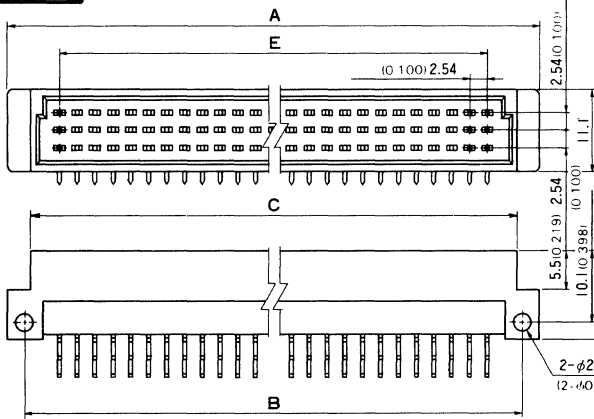


Dimensions

No. of contacts	A	B	C	E
32	53.26 (2.097)	48.26 (1.900)	46.86 (1.845)	38.10 (1.500)
50	76.12 (2.997)	71.12 (2.800)	69.72 (2.745)	60.96 (2.400)
64	93.90 (3.697)	88.90 (3.500)	87.50 (3.445)	78.74 (3.100)

OUTLINE DRAWINGS

46P16



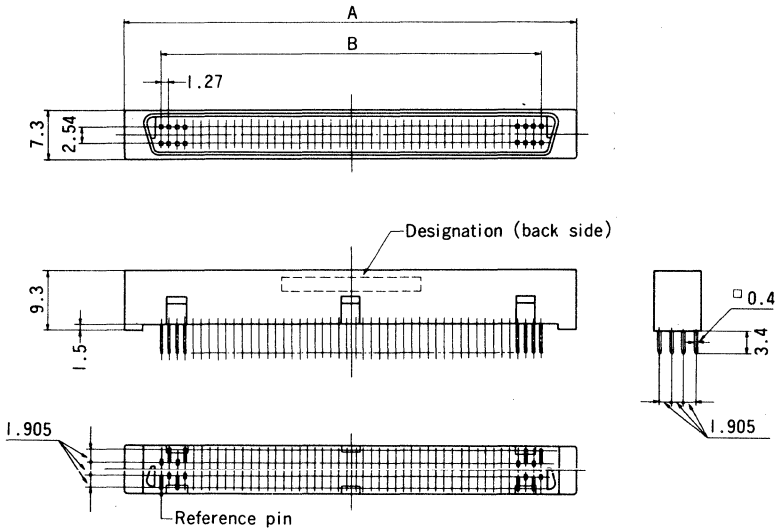
P.C.B pattern

Dimensions

No. of contacts	A	B	C	E
48	53.26 (2.097)	48.26 (1.900)	46.86 (1.845)	38.10 (1.500)
96	93.90 (3.697)	88.90 (3.500)	87.50 (3.445)	78.74 (3.100)

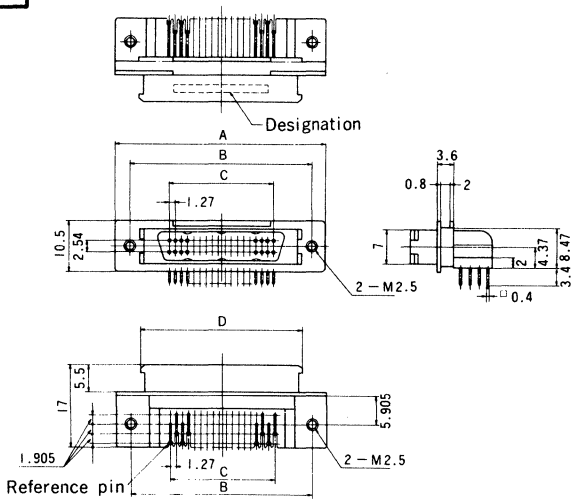
OUTLINE DRAWINGS

54P1



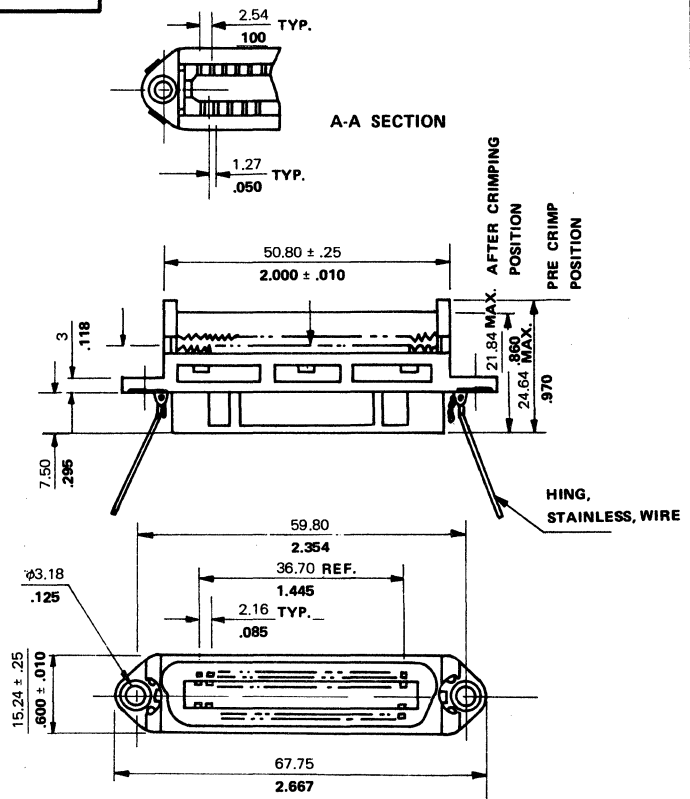
No. of contracts	A	B
34	31.63	20.32
48	40.52	29.21
96	71.00	59.69

54P2



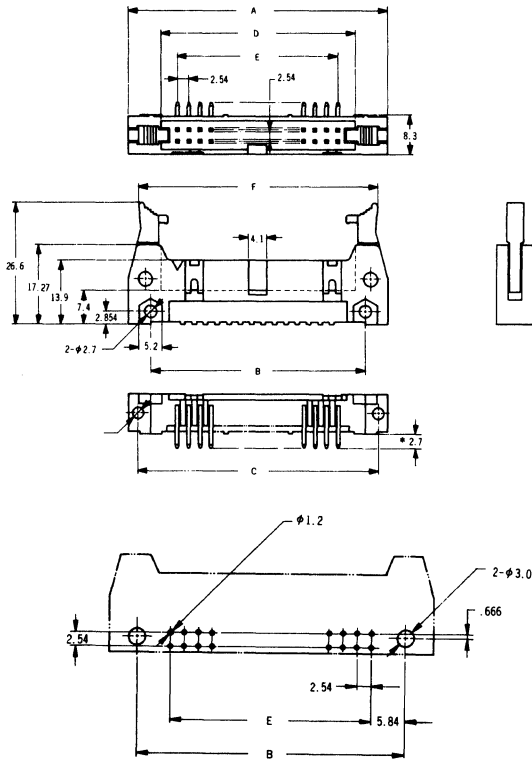
No. of contracts	A	B	C	D
20	33.4	27.4	11.43	23.3
28	38.5	32.5	16.51	28.4
36	32.6	37.6	21.59	33.5
50	52.5	46.5	30.48	42.4

84P2



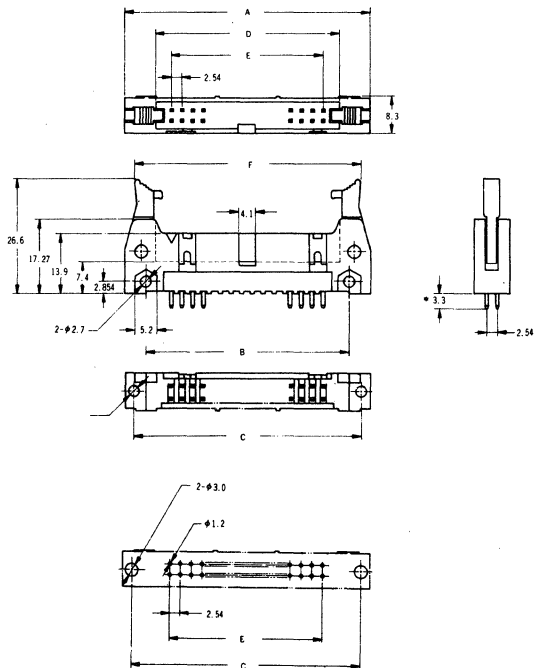
OUTLINE DRAWINGS

56P25



No. of Contact	A	B	C	D	E	F
10	32.00	21.84	27.94	17.52	10.16	26.2
14	37.08	26.92	33.02	22.60	15.24	31.2
16	39.62	29.46	35.56	25.14	17.78	33.7
20	44.70	34.54	40.64	30.22	22.86	38.7
26	52.32	42.16	48.26	37.84	30.48	45.7
30	57.40	47.24	53.34	42.92	35.56	50.8
34	62.48	52.42	58.42	48.00	40.64	55.7
40	70.10	59.94	66.04	55.62	48.26	64.2
50	82.80	72.64	78.74	68.32	60.96	76
60	95.50	85.34	91.44	81.02	73.66	88.7
64	100.58	90.45	96.52	86.10	78.74	94.2

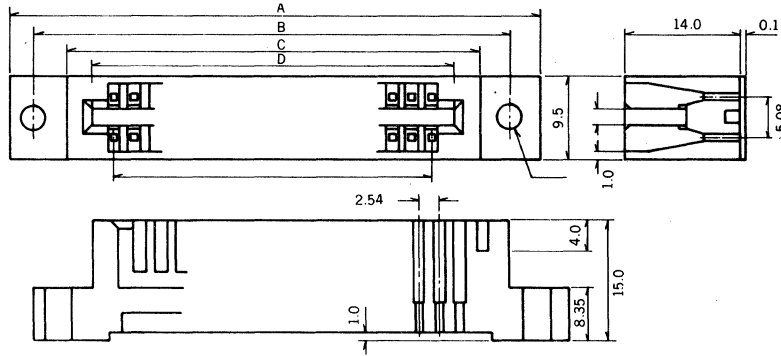
56P2



No. of Contact	A	B	C	D	E	F
10	32.00	21.84	27.94	17.52	10.16	26.2
14	37.08	26.92	33.02	22.60	15.24	31.2
16	39.62	29.46	35.56	25.14	17.78	33.7
20	44.70	34.54	40.64	30.22	22.86	38.7
26	52.32	42.16	48.26	37.84	30.48	45.7
30	57.40	47.24	53.34	42.92	35.56	50.8
34	62.48	52.42	58.42	48.00	40.64	55.7
40	70.10	59.94	66.04	55.62	48.26	64.2
50	82.80	72.64	78.74	68.32	60.96	76
60	95.50	85.34	91.44	81.02	73.66	88.7
64	100.58	90.45	96.52	86.10	78.74	94.2

OUTLINE DRAWINGS

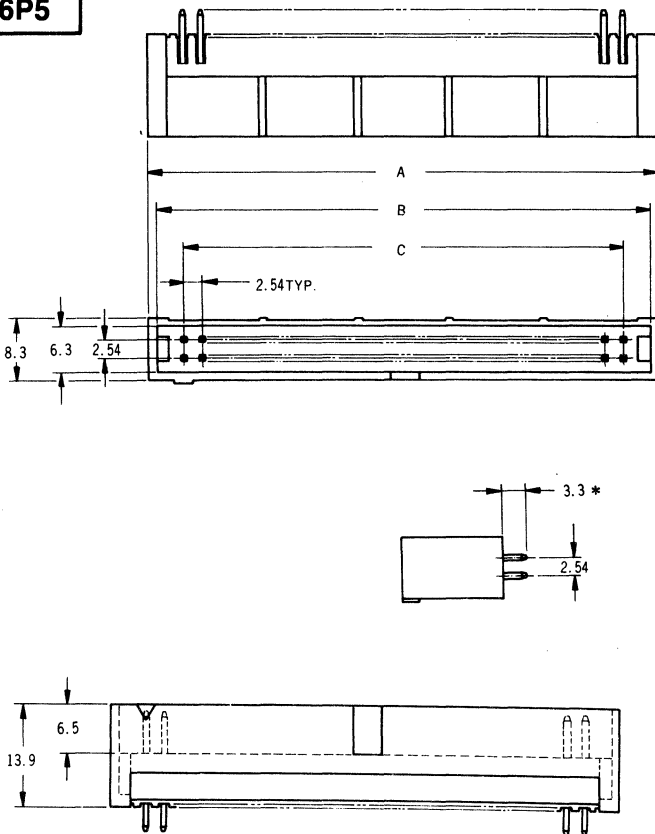
56P4



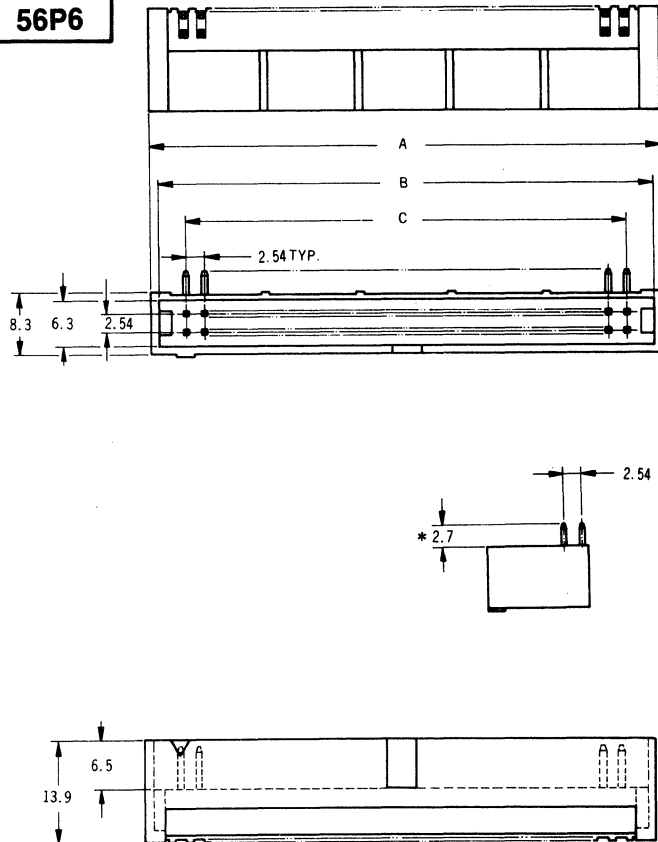
Dimensional:

Number of Contacts	A + 0.00mm - 0.76mm	B + 0.30mm - 0.30mm	C + 0.00mm - 0.40mm	D + 0.20mm - 0.00mm	E + 0.20mm - 0.40mm
12/24	51.16	44.20	36.93	32.87	27.94
17/34	63.86	56.90	46.63	45.57	40.64
22/44	76.56	69.60	62.33	58.27	53.34
25/50	84.18	77.22	69.95	65.89	60.96
30/60	96.88	89.92	82.65	78.59	73.66
31/62	99.42	92.46	85.19	81.13	76.20
36/72	112.10	105.20	97.89	93.83	88.90

56P5

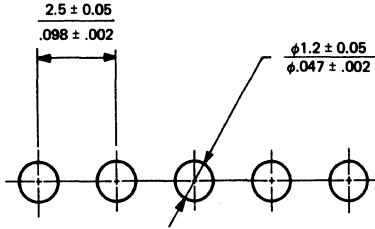
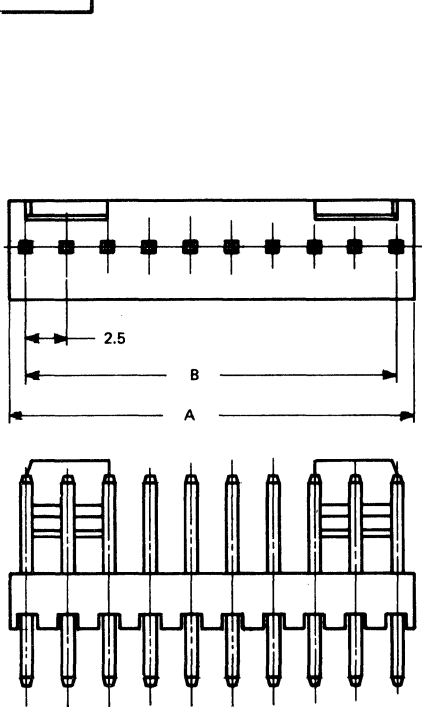


56P6

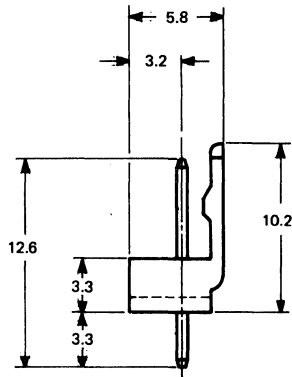


OUTLINE DRAWINGS

56P7

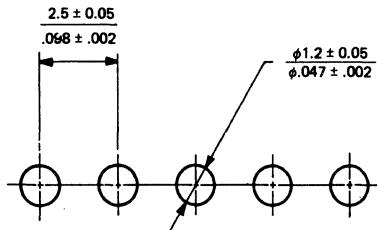
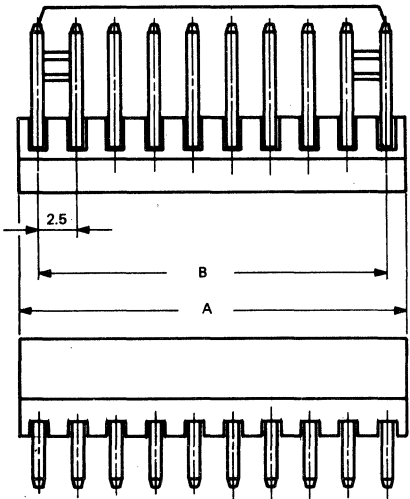


P.C. BOARD HOLE DIMENSIONS

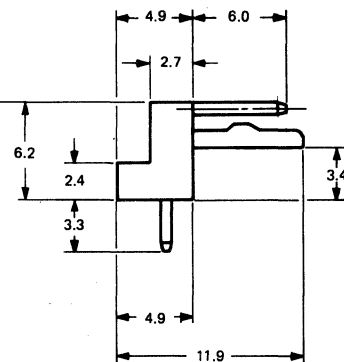


CIRCUITS	DIMENSION	
	A	B
2	4.5	2.5
3	7.0	5.0
4	9.5	7.5
5	12.0	10.0
6	14.5	12.5
7	17.0	15.0
8	19.5	17.5
9	22.0	20.0
10	24.5	22.5
11	27.0	25.0
12	29.5	27.5
13	32.0	30.0
14	34.5	32.5
15	37.0	35.0
16	39.5	37.5
17	42.0	40.0
18	44.5	42.5
19	47.0	45.0
20	49.5	47.5

56P8



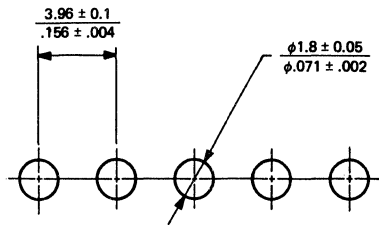
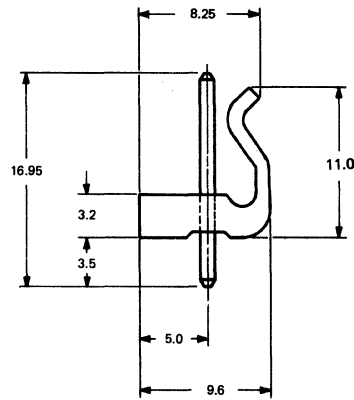
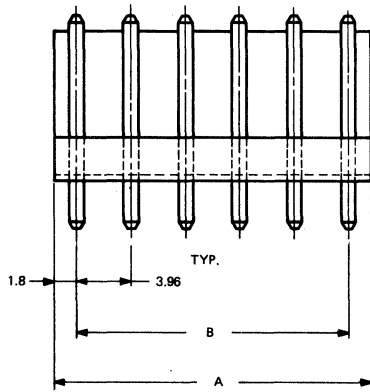
P.C. BOARD HOLE DIMENSIONS



CIRCUITS	DIMENSION	
	A	B
2	4.5	2.5
3	7.0	5.0
4	9.5	7.5
5	12.0	10.0
6	14.5	12.5
7	17.0	15.0
8	19.5	17.5
9	22.0	20.0
10	24.5	22.5
11	27.0	25.0
12	29.5	27.5
13	32.0	30.0
14	34.5	32.5
15	37.0	35.0
16	39.5	37.5
17	42.0	40.0
18	44.5	42.5
19	47.0	45.0
20	49.5	47.5

OUTLINE DRAWINGS

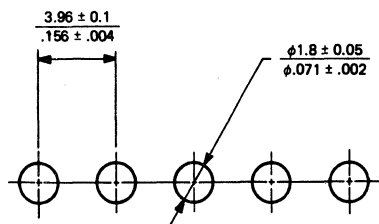
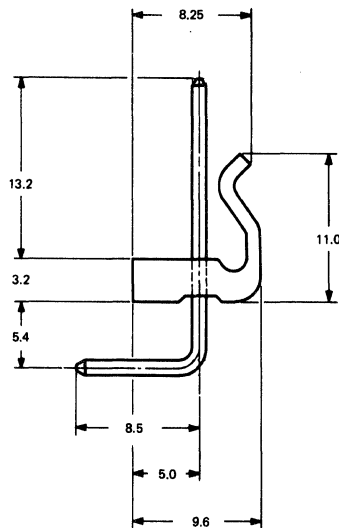
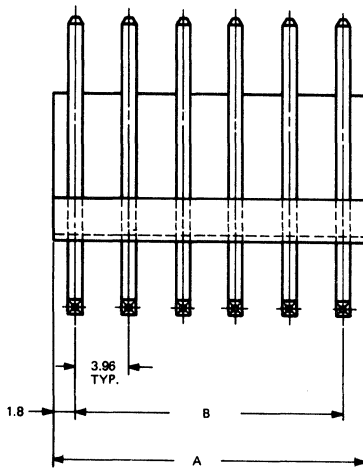
56P9



P.C. BOARD HOLE DIMENSIONS

CIRCUITS	DIMENSION	
	A	B
2	7.56	3.96
3	11.52	7.92
4	15.48	11.88
5	19.44	15.84
6	23.40	19.80
7	27.36	23.76
8	31.32	27.72
9	35.28	31.68
10	39.24	35.64
11	43.20	39.60
12	47.16	43.56
13	51.12	47.52
14	55.08	51.48
15	59.04	55.44
16	63.00	59.40
17	66.96	63.36
18	70.92	67.32
19	74.88	71.28
20	78.84	75.24

56P10

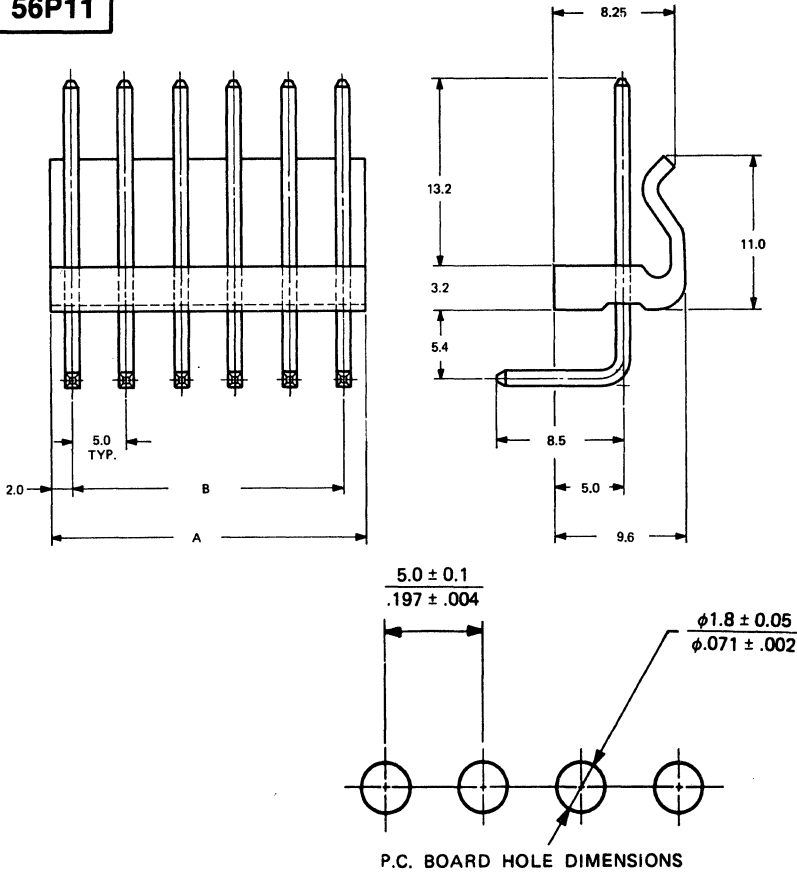


P.C. BOARD HOLE DIMENSIONS

CIRCUITS	DIMENSION	
	A	B
2	7.56	3.96
3	11.52	7.92
4	15.48	11.88
5	19.44	15.84
6	23.40	19.80
7	27.36	23.76
8	31.32	27.72
9	35.28	31.68
10	39.24	35.64
11	43.20	39.60
12	47.16	43.56
13	51.12	47.52
14	55.08	51.48
15	59.04	55.44
16	63.00	59.40
17	66.96	63.36
18	70.92	67.32
19	74.88	71.28
20	78.84	75.24

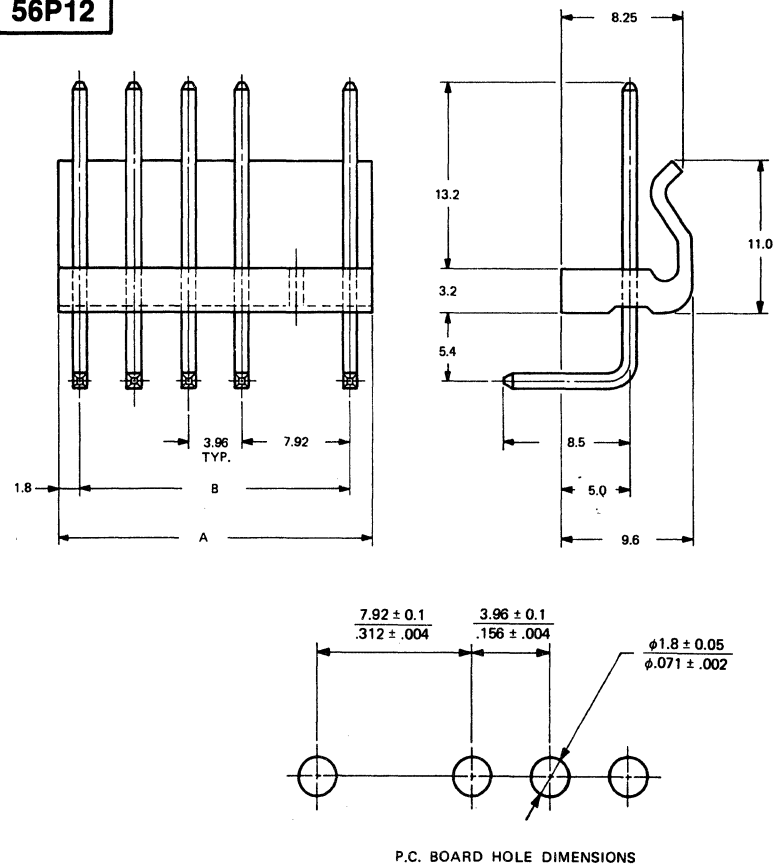
OUTLINE DRAWINGS

56P11



CIRCUITS	DIMENSION	
	A	B
3	15.48	11.88
4	19.44	15.84
5	23.40	19.80
6	27.36	23.76
7	31.32	27.72
8	35.28	31.68
9	39.24	35.64
10	43.20	39.60
11	47.16	43.56
12	51.12	47.52
13	55.08	51.48
14	59.04	55.44
15	63.00	59.40
16	66.96	63.36
17	70.92	67.32
18	74.88	71.28
19	78.84	75.24

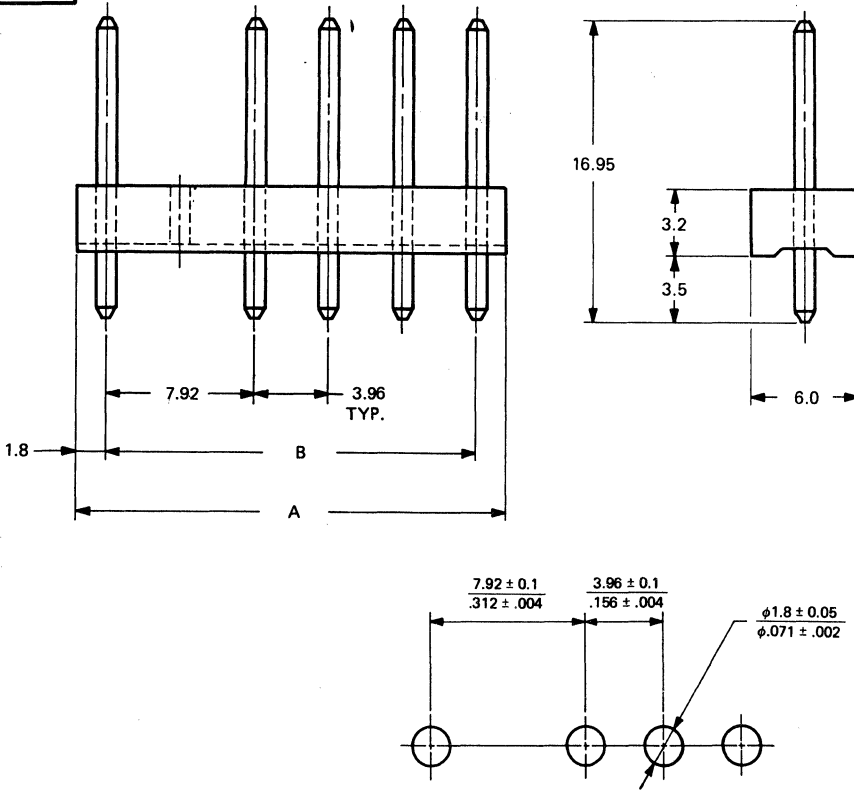
56P12



CIRCUITS	DIMENSION	
	A	B
3	15.48	11.88
4	19.44	15.84
5	23.40	19.80
6	27.36	23.76
7	31.32	27.72
8	35.28	31.68
9	39.24	35.64
10	43.20	39.60
11	47.16	43.56
12	51.12	47.52
13	55.08	51.48
14	59.04	55.44
15	63.00	59.40
16	66.96	63.36
17	70.92	67.32
18	74.88	71.28
19	78.84	75.24

OUTLINE DRAWINGS

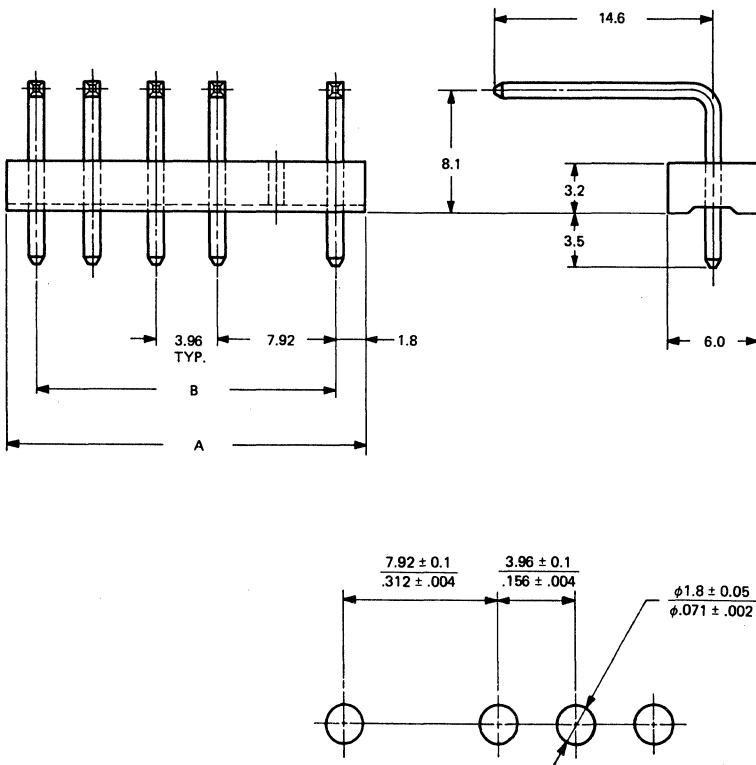
56P13



CIRCUITS	DIMENSION	
	A	B
3	15.48	11.88
4	19.44	15.84
5	23.40	19.80
6	27.36	23.76
7	31.32	27.72
8	35.28	31.68
9	39.24	35.64
10	43.20	39.60
11	47.16	43.56
12	51.12	47.52
13	55.08	51.48
14	59.04	55.44
15	63.00	59.40
16	66.96	63.36
17	70.92	67.32
18	74.88	71.28
19	78.84	75.24

P.C. BOARD HOLE DIMENSIONS

56P14

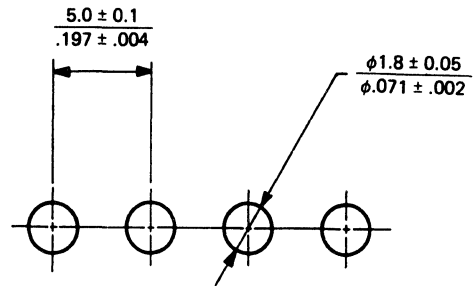
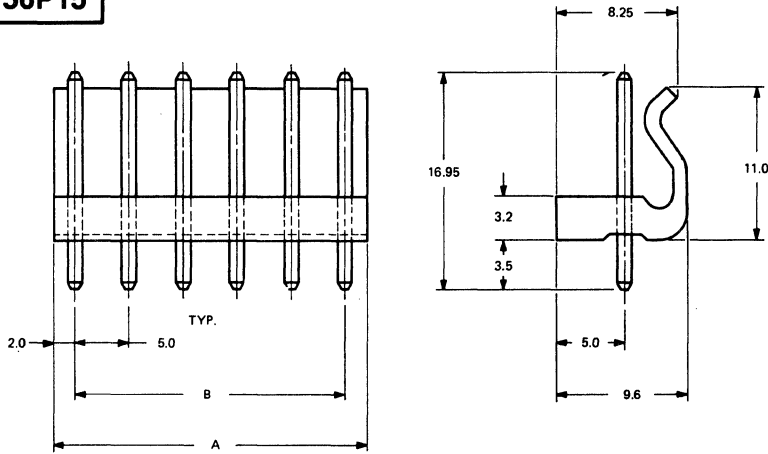


CIRCUITS	DIMENSION	
	A	B
3	15.48	11.88
4	19.44	15.84
5	23.40	19.80
6	27.36	23.76
7	31.32	27.72
8	35.28	31.68
9	39.24	35.64
10	43.20	39.60
11	47.16	43.56
12	51.12	47.52
13	55.08	51.48
14	59.04	55.44
15	63.00	59.40
16	66.96	63.36
17	70.92	67.32
18	74.88	71.28
19	78.84	75.24

P.C. BOARD HOLE DIMENSIONS

OUTLINE DRAWINGS

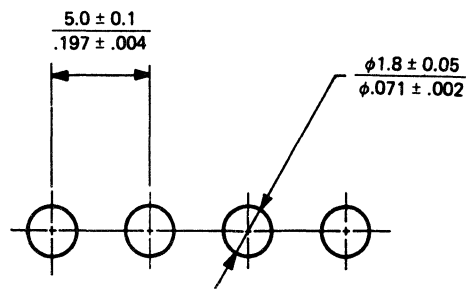
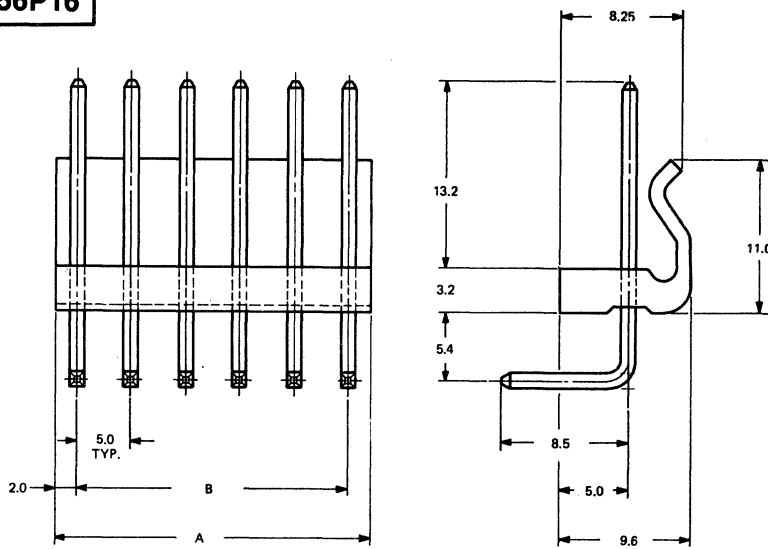
56P15



P.C. BOARD HOLE DIMENSIONS

CIRCUITS	DIMENSION	
	A	B
2	9.0	5.0
3	14.0	10.0
4	19.0	15.0
5	24.0	20.0
6	29.0	25.0
7	34.0	30.0
8	39.0	35.0
9	44.0	40.0
10	49.0	45.0
11	54.0	50.0
12	59.0	55.0
13	64.0	60.0
14	69.0	65.0
15	74.0	70.0
16	79.0	75.0

56P16

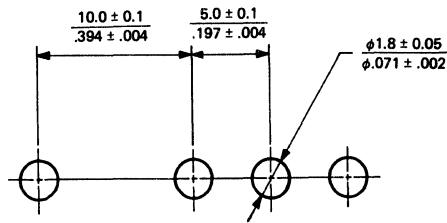
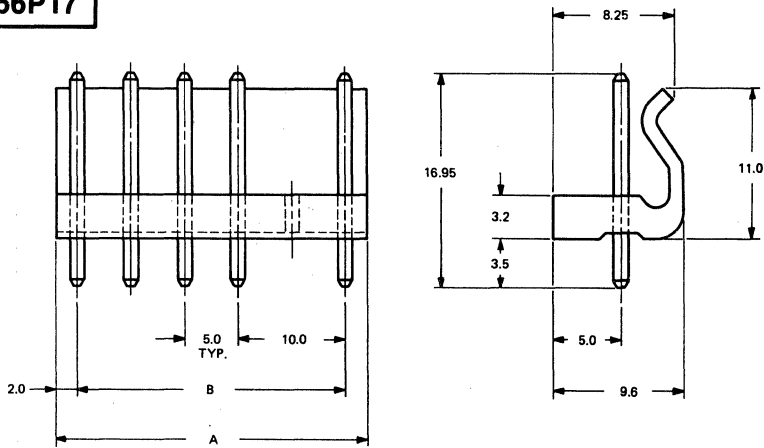


P.C. BOARD HOLE DIMENSIONS

CIRCUITS	DIMENSION	
	A	B
2	9.0	5.0
3	14.0	10.0
4	19.0	15.0
5	24.0	20.0
6	29.0	25.0
7	34.0	30.0
8	39.0	35.0
9	44.0	40.0
10	49.0	45.0
11	54.0	50.0
12	59.0	55.0
13	64.0	60.0
14	69.0	65.0
15	74.0	70.0
16	79.0	75.0

OUTLINE DRAWINGS

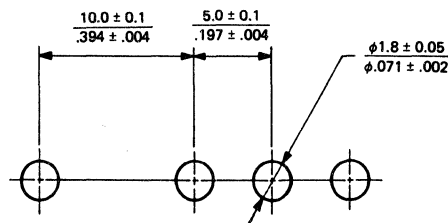
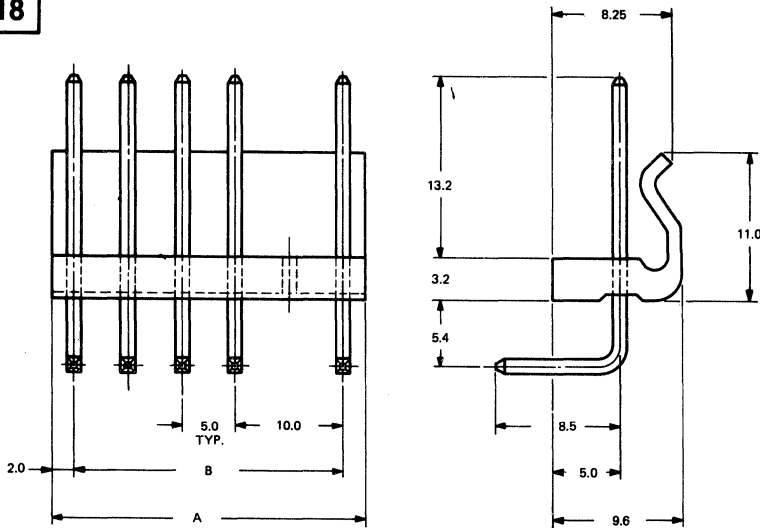
56P17



P.C. BOARD HOLE DIMENSIONS

CIRCUITS	DIMENSION	
	A	B
3	19.0	15.0
4	24.0	20.0
5	29.0	25.0
6	34.0	30.0
7	39.0	35.0
8	44.0	40.0
9	49.0	45.0
10	54.0	50.0
11	59.0	55.0
12	64.0	60.0
13	69.0	65.0
14	74.0	70.0
15	79.0	75.0

56P18

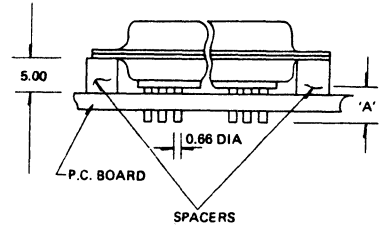
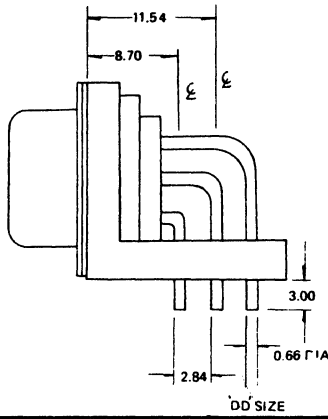
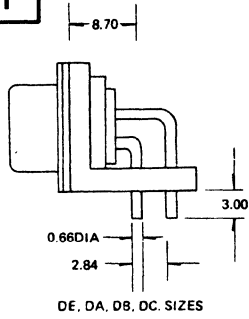


P.C. BOARD HOLE DIMENSIONS

CIRCUITS	DIMENSION	
	A	B
3	19.0	15.0
4	24.0	20.0
5	29.0	25.0
6	34.0	30.0
7	39.0	35.0
8	44.0	40.0
9	49.0	45.0
10	54.0	50.0
11	59.0	55.0
12	64.0	60.0
13	69.0	65.0
14	74.0	70.0
15	79.0	75.0

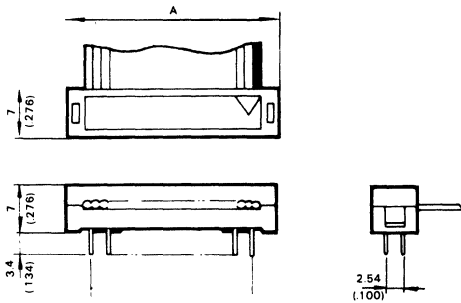
OUTLINE DRAWINGS

56P1



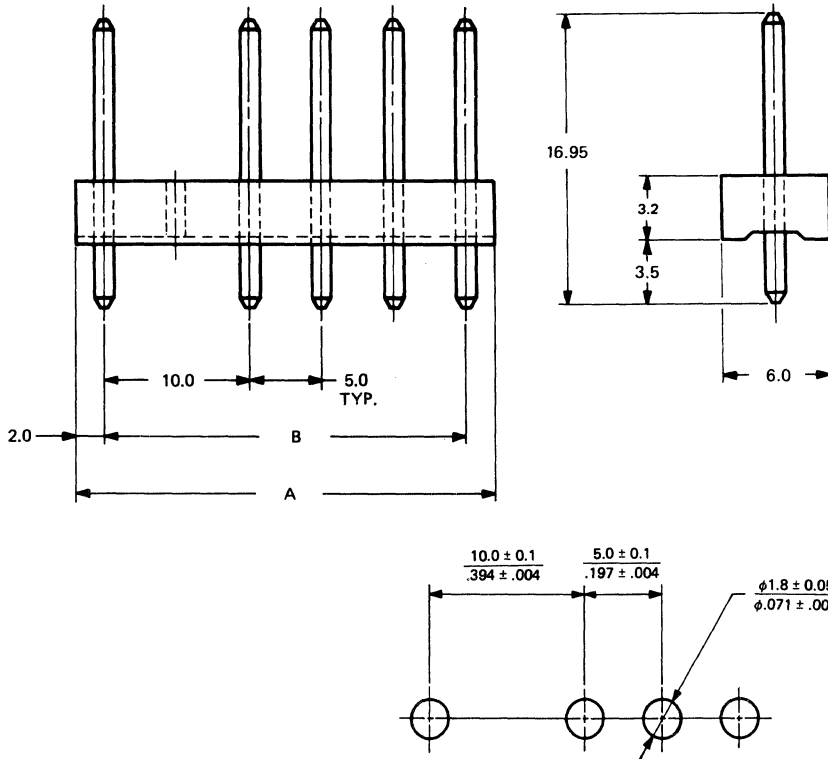
Thickness OF P.C.B.	'A' DIM.
2.38	3.60
1.58	2.80

34P8



NO. OF CONTACTS	DIMENSIONS						
	A	B	C	D	E	F	G
24	48.62 (1.914)	12.08 (.476)	27.80 (1.094)	37.64 (1.482)			
36	61.58 (2.424)	16.18 (.637)	31.90 (1.256)	50.60 (1.992)			

56P19



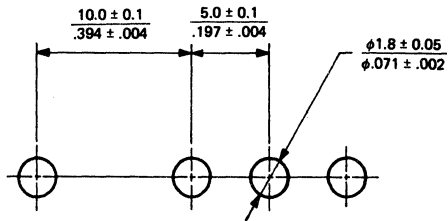
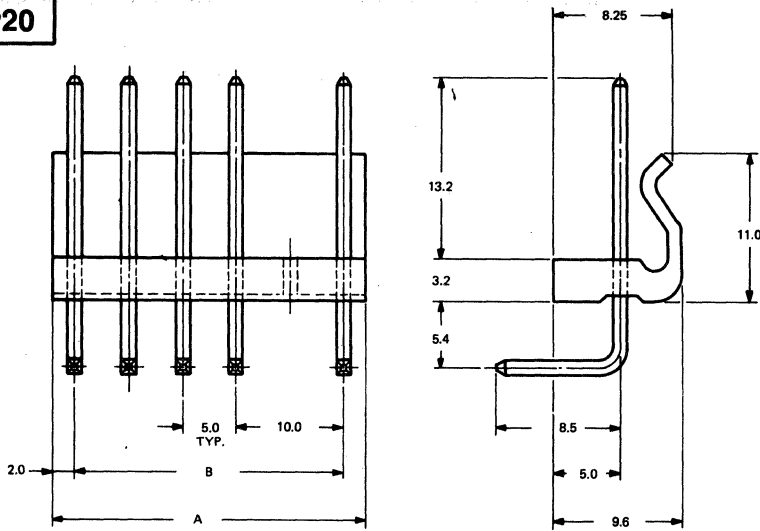
56P19

CIRCUITS	DIMENSION	
	A	B
3	19.0	15.0
4	24.0	20.0
5	29.0	25.0
6	34.0	30.0
7	39.0	35.0
8	44.0	40.0
9	49.0	45.0
10	54.0	50.0
11	59.0	55.0
12	64.0	60.0
13	69.0	65.0
14	74.0	70.0
15	79.0	75.0

P.C. BOARD HOLE DIMENSIONS

OUTLINE DRAWINGS

56P20

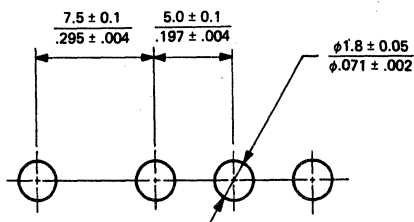
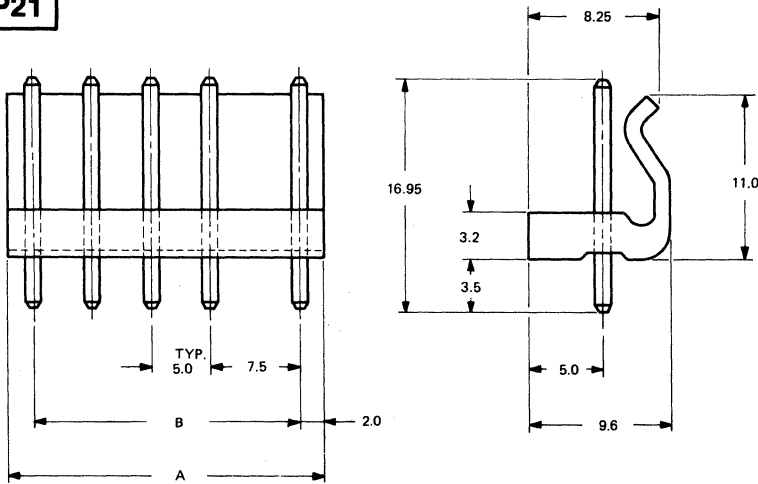


P.C. BOARD HOLE DIMENSIONS

56P20

CIRCUITS	DIMENSION	
	A	B
3	19.0	15.0
4	24.0	20.0
5	29.0	25.0
6	34.0	30.0
7	39.0	35.0
8	44.0	40.0
9	49.0	45.0
10	54.0	50.0
11	59.0	55.0
12	64.0	60.0
13	69.0	65.0
14	74.0	70.0
15	79.0	75.0

56P21

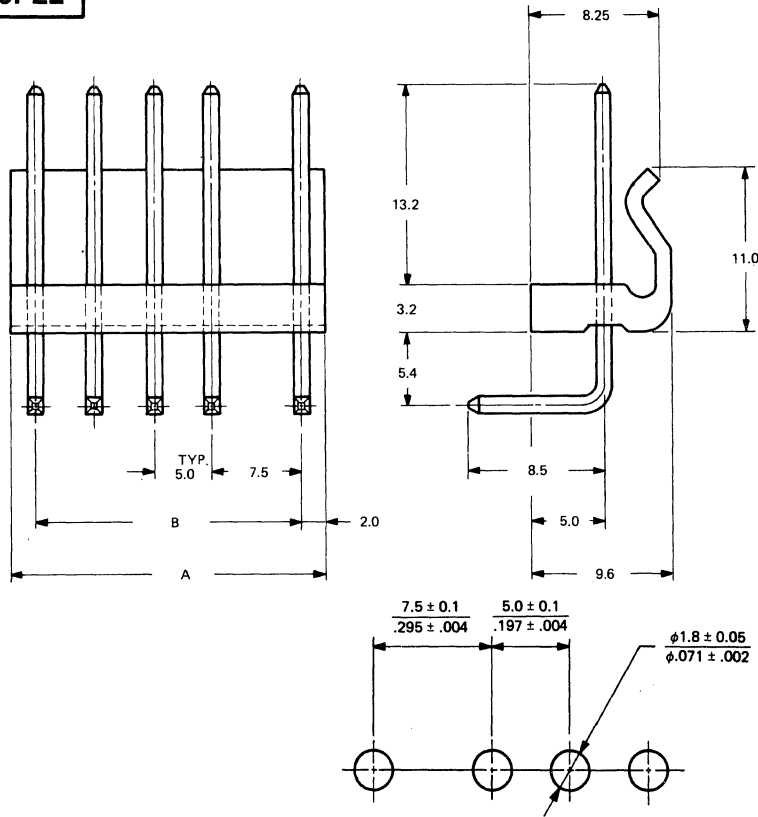


P.C. BOARD HOLE DIMENSIONS

CIRCUITS	DIMENSION	
	A	B
2	11.5	7.5
3	16.5	12.5
4	21.5	17.5
5	26.5	22.5
6	31.5	27.5
7	36.5	32.5
8	41.5	37.5
9	46.5	42.5
10	51.5	47.5
11	56.5	52.5
12	61.5	57.5
13	66.5	62.5
14	71.5	67.5
15	76.5	72.5

OUTLINE DRAWINGS

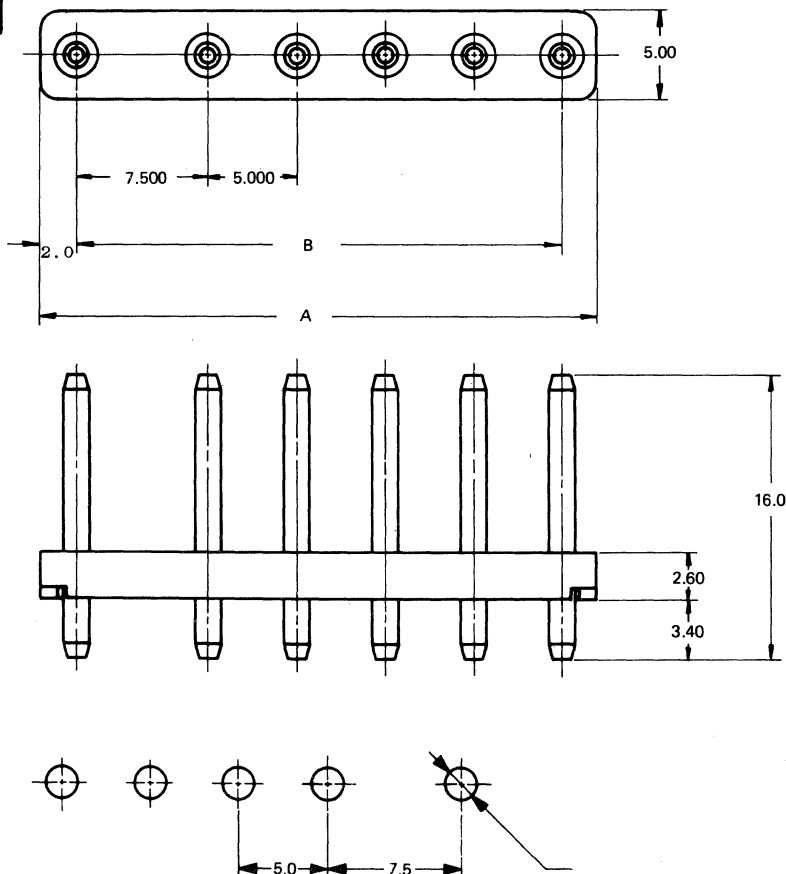
56P22



CIRCUITS	DIMENSION	
	A	B
2	11.5	7.5
3	16.5	12.5
4	21.5	17.5
5	26.5	22.5
6	31.5	27.5
7	36.5	32.5
8	41.5	37.5
9	46.5	42.5
10	51.5	47.5
11	56.5	52.5
12	61.5	57.5
13	66.5	62.5
14	71.5	67.5
15	76.5	72.5

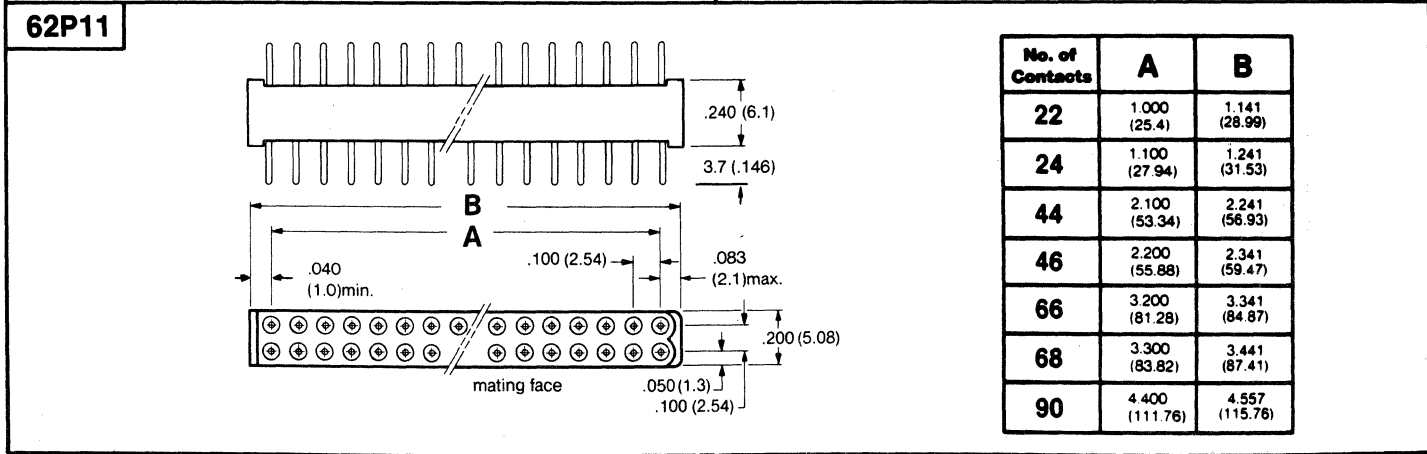
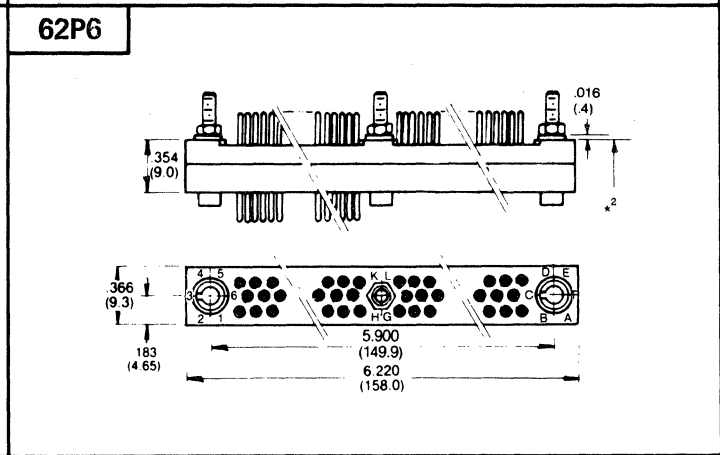
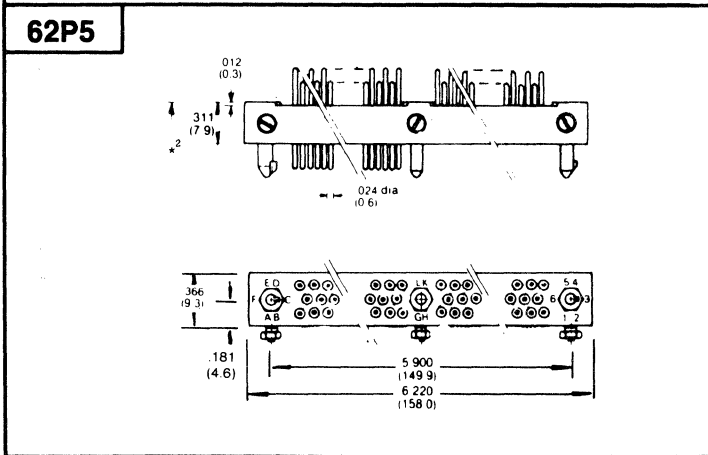
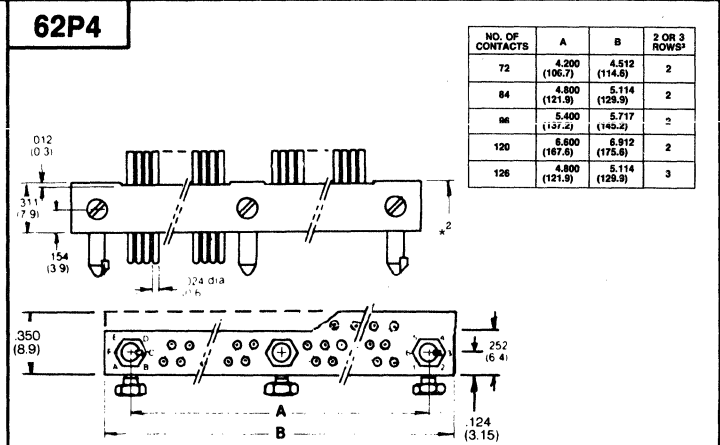
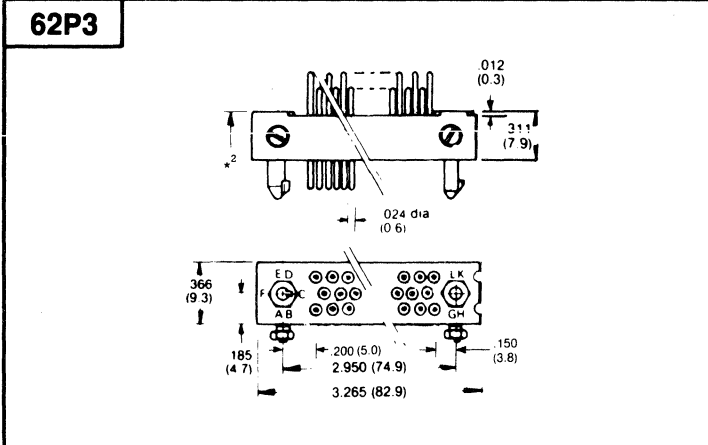
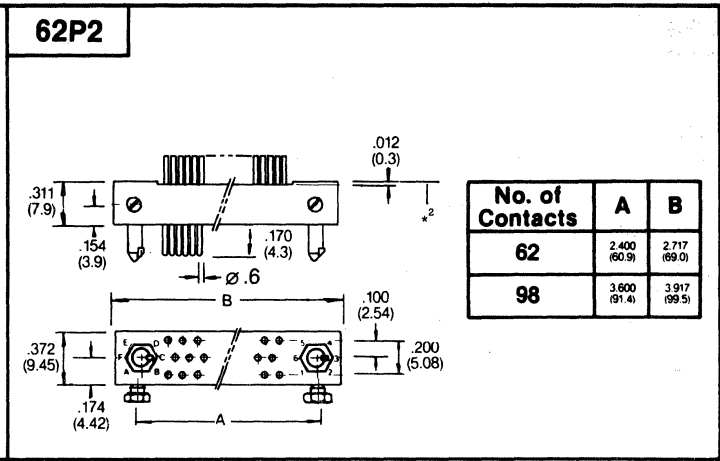
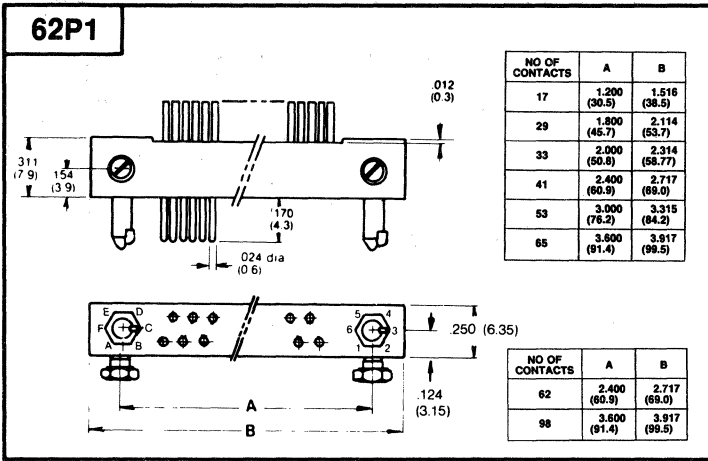
P.C. BOARD HOLE DIMENSIONS

56P23



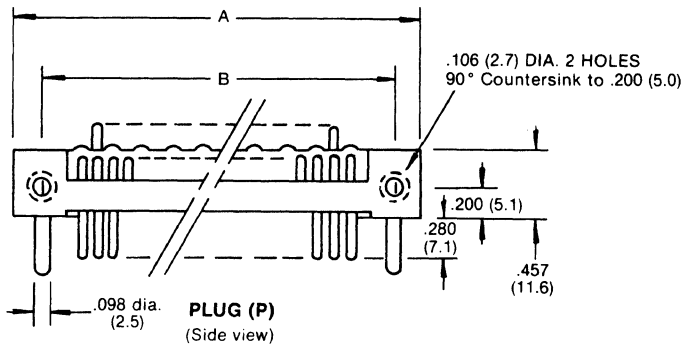
CIRCUITS	DIMENSION	
	A	B
2	11.50	7.50
3	16.50	12.50
4	21.50	17.50
5	26.50	22.50
6	31.50	27.50

OUTLINE DRAWINGS

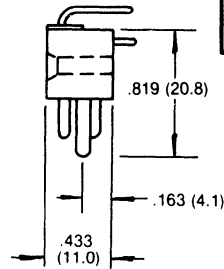


OUTLINE DRAWINGS

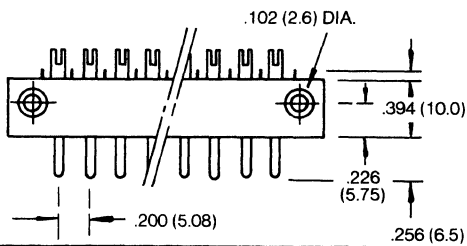
62P8



A Dim.	B Dim.
3.606 (91.6)	3.334 (84.7)
4.209 (106.9)	3.945 (100.2)
4.811 (122.2)	4.534 (115.2)
5.406 (137.3)	5.134 (130.4)

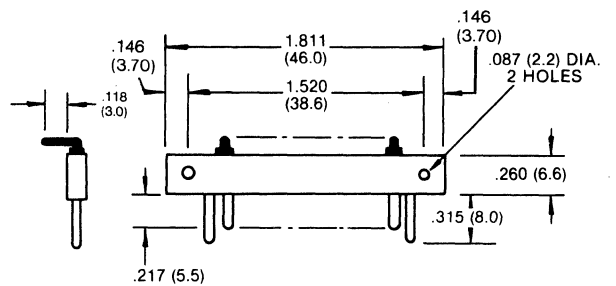


62P10

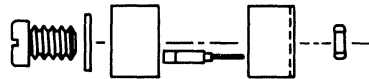
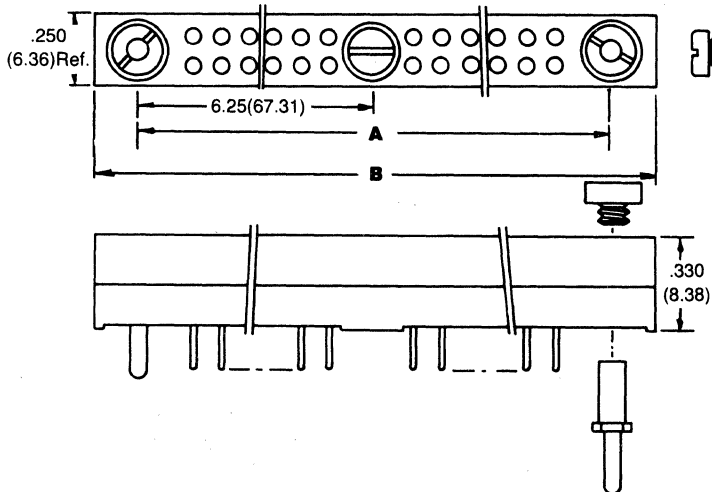


A Dim.	B Dim.
.900 (22.9)	1.200 (30.5)
1.700 (43.2)	2.000 (50.8)
3.300 (83.8)	3.606 (91.6)

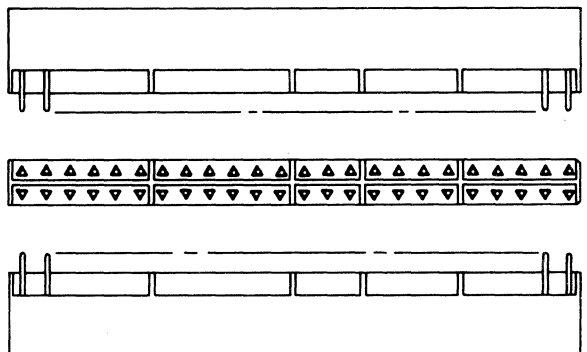
62P13



62P14



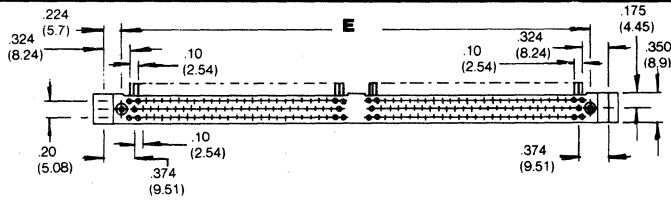
CARRIER



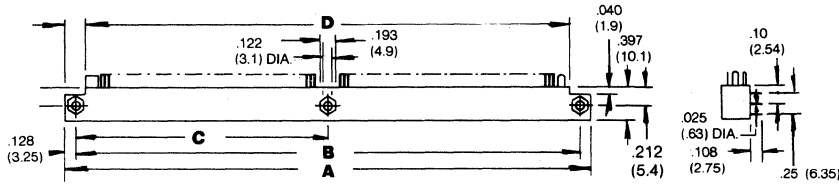
No. of Contacts	48	96
A	6.25 (67.31)	5.3 (134.62)
B	2.80 (71.25)	5.61 (142.5)

OUTLINE DRAWINGS

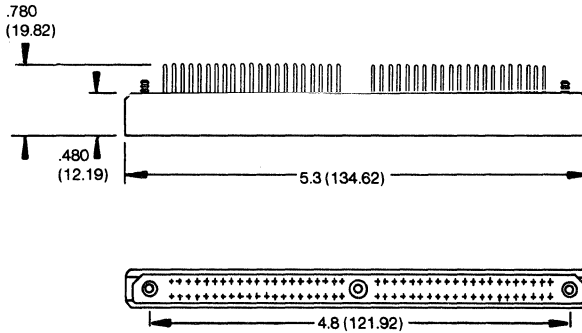
62P12



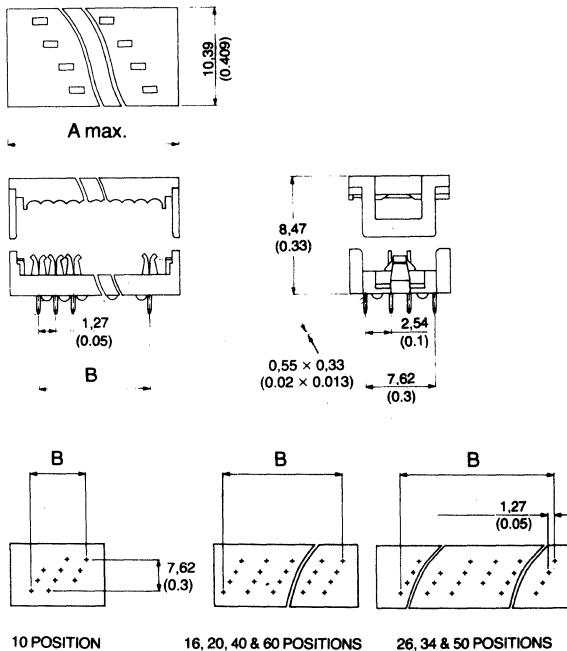
No. of Contacts	A	B	C	D	E
142	5.8 Max. (147.5)	5.55 (140.96)	2.77 (70.48)	5.30 (134.80)	5.1 (129.54)
160	6.4 Max. (162.7)	6.15 (156.2)	3.07 (78.1)	5.90 (150)	5.7 (144.8)



62P18



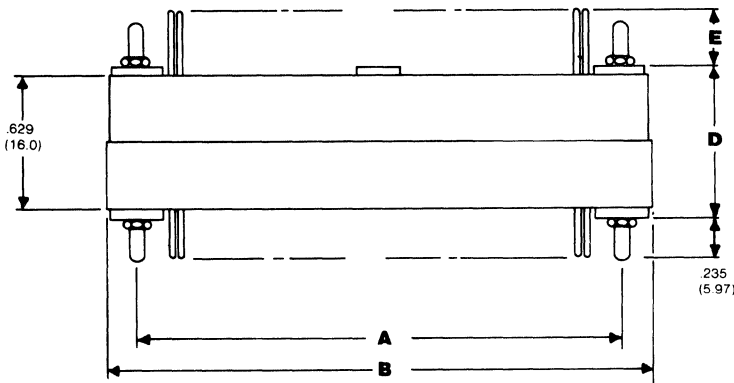
66P10



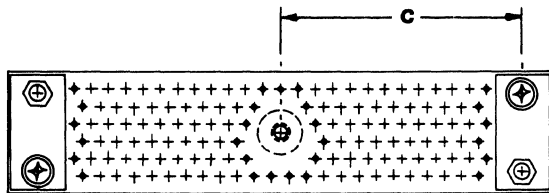
no. of contacts	A max.	B
10	17,75 (0.699)	11,43 (0.450)
16	25,40 (0.999)	19,05 (0,75)
20	30,45 (1.999)	24,13 (0.95)
26	38,07 (1.499)	31,75 (1.25)
34	48,23 (1.899)	41,91 (1.65)
40	55,85 (2.199)	49,53 (1.95)
50	68,55 (2.699)	62,23 (2.45)
60*	81,25 (3.199)	74,93 (2.95)

OUTLINE DRAWINGS

62P15

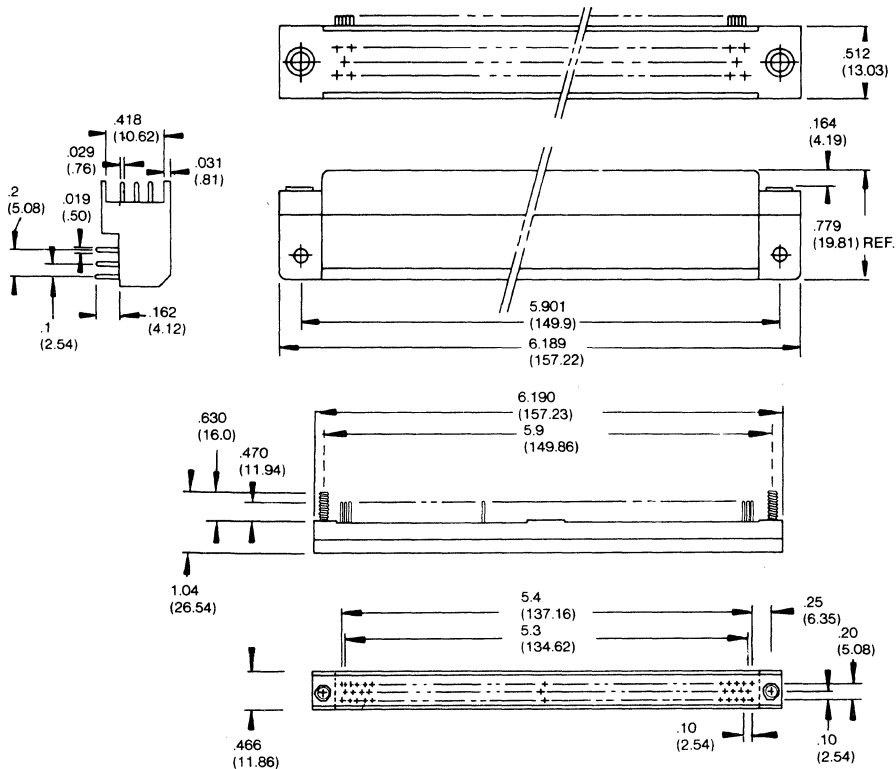


No. of Contacts	A	B	C
111	2.209 (56.13)	2.559 (65.02)	
135	2.809 (71.37)	3.161 (80.31)	1.400 (35.68)



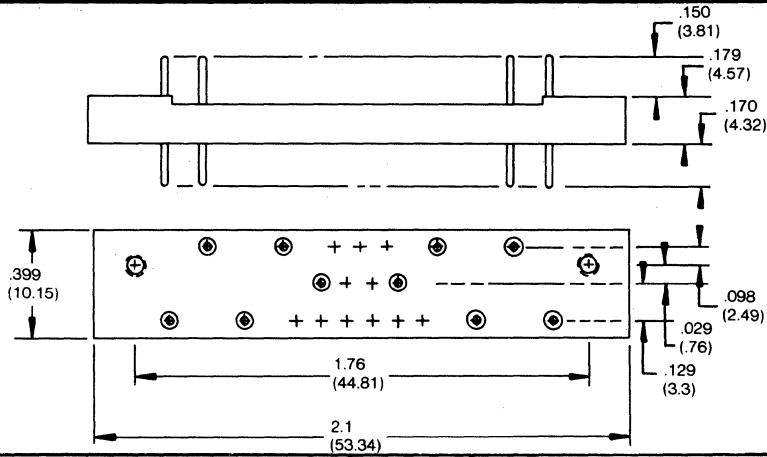
Tail Designation	Board Spacing D	Tail Length E	Stacking Ability
Males:			
D4=	.740 (18.80)	.325 (8.26)	yes-.125 (3.18) board

62P19

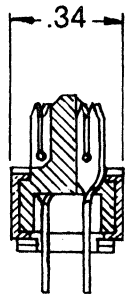
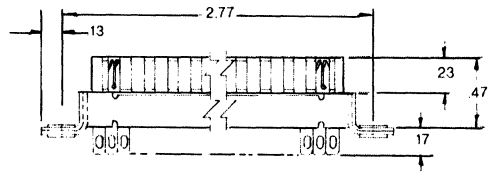
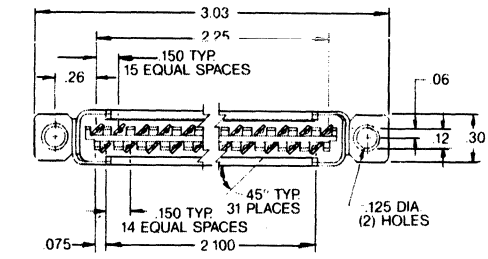


OUTLINE DRAWINGS

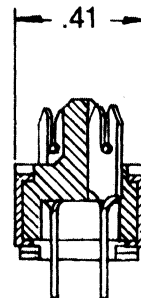
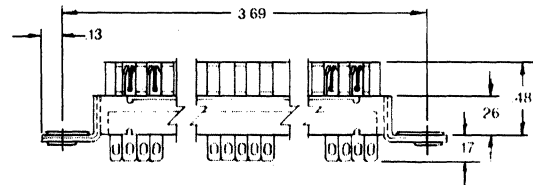
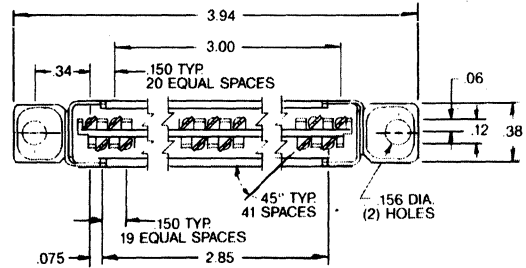
62P16



64P1

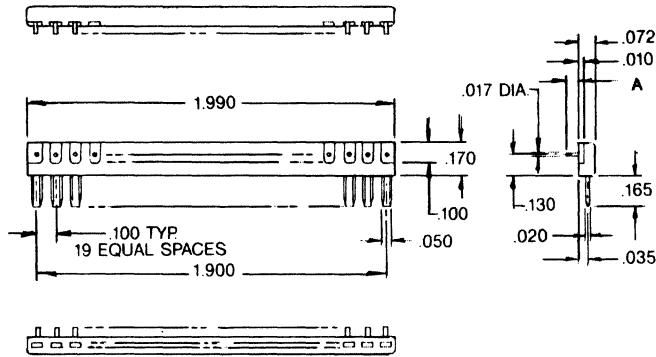


64P2

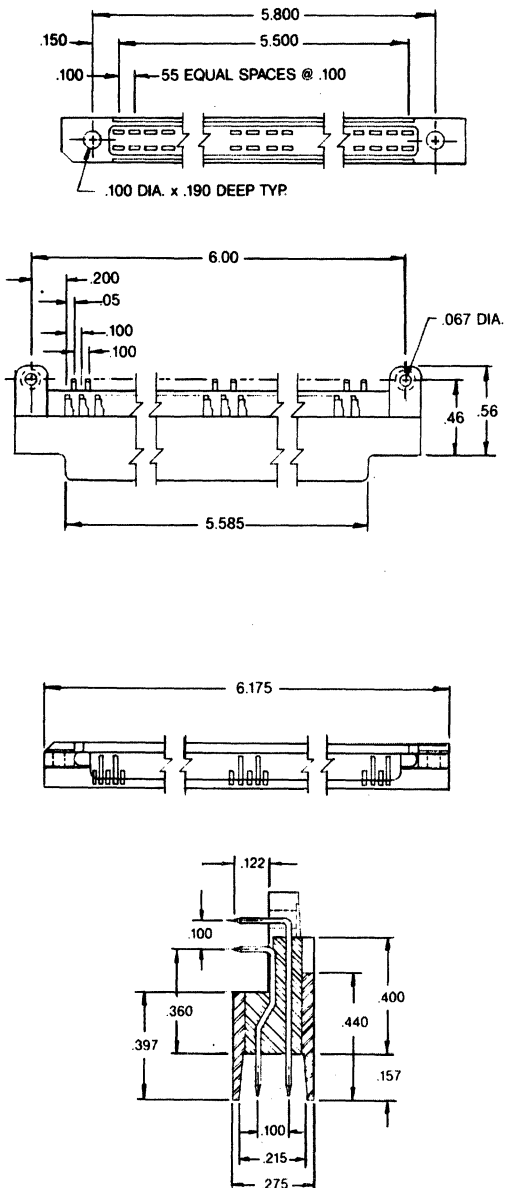


OUTLINE DRAWINGS

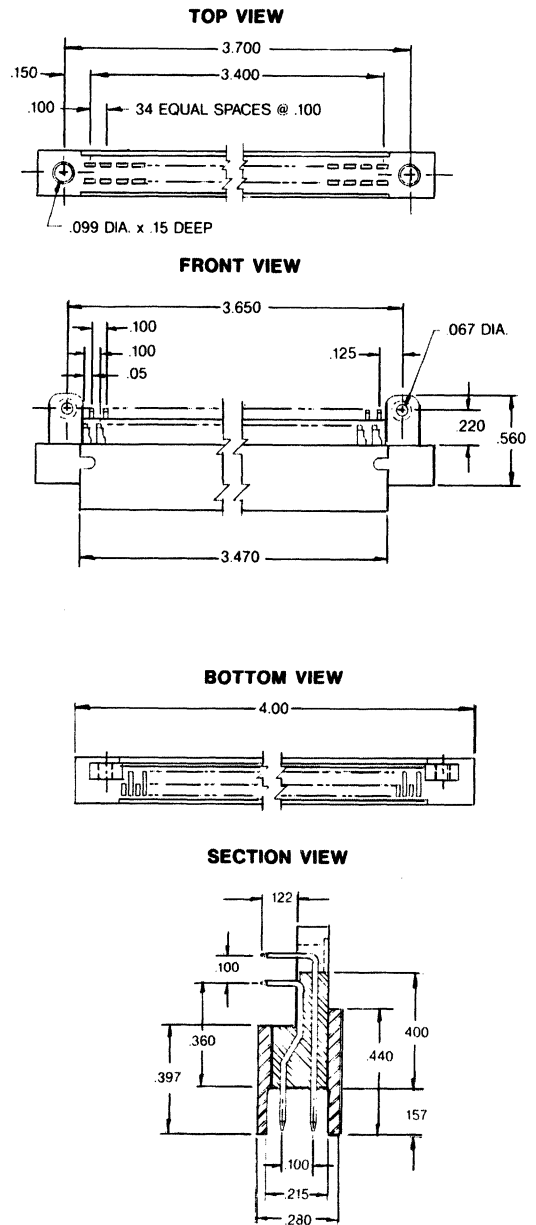
64P5



64P6

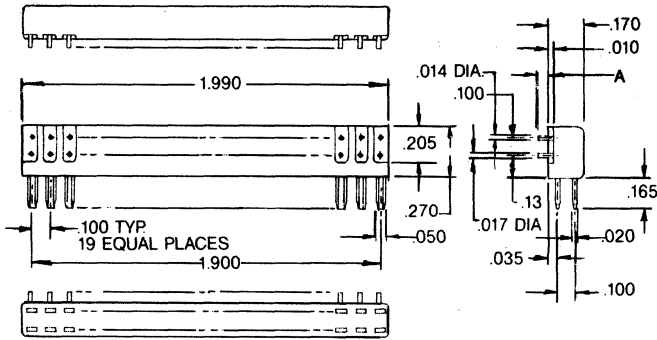


64P7



OUTLINE DRAWINGS

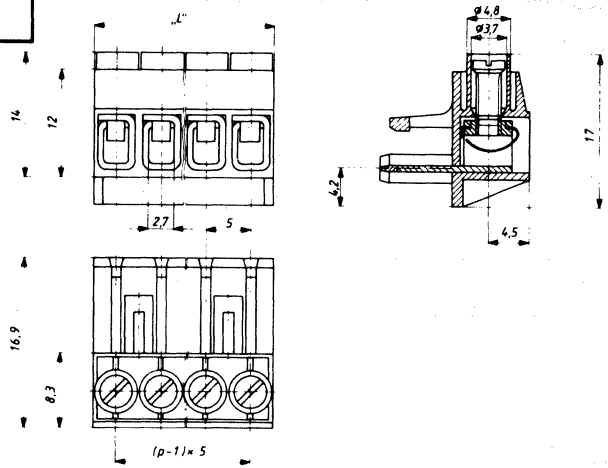
64P4



	A
64P4a	.045
64P4b	.125

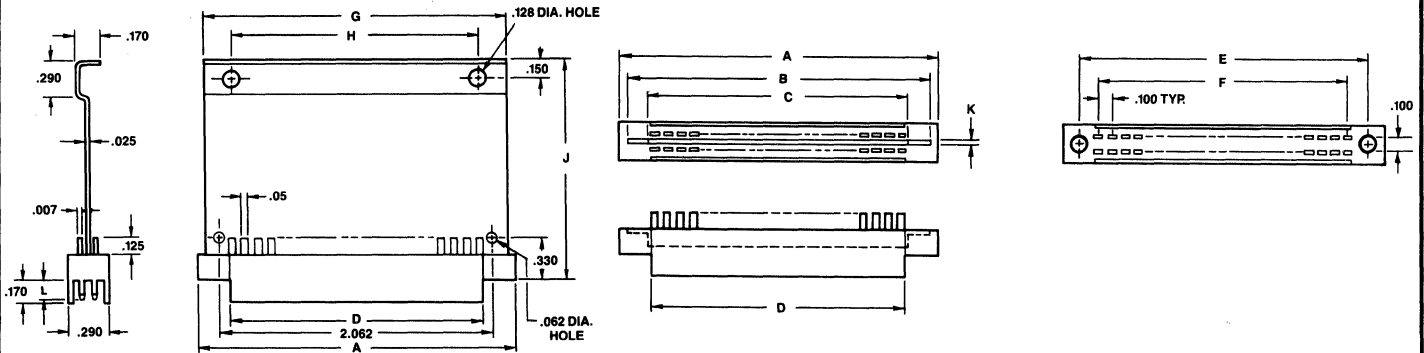
	A
64P4a	.045
64P4b	.125

63P1



Number of contacts pcs.	Length of blocks m m
2	10
3	15
4	20
5	25
6	30
8	40
9	45
10	50

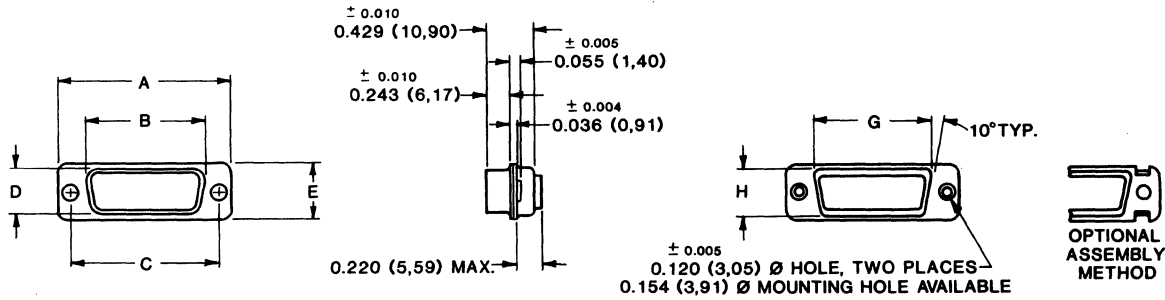
64P3



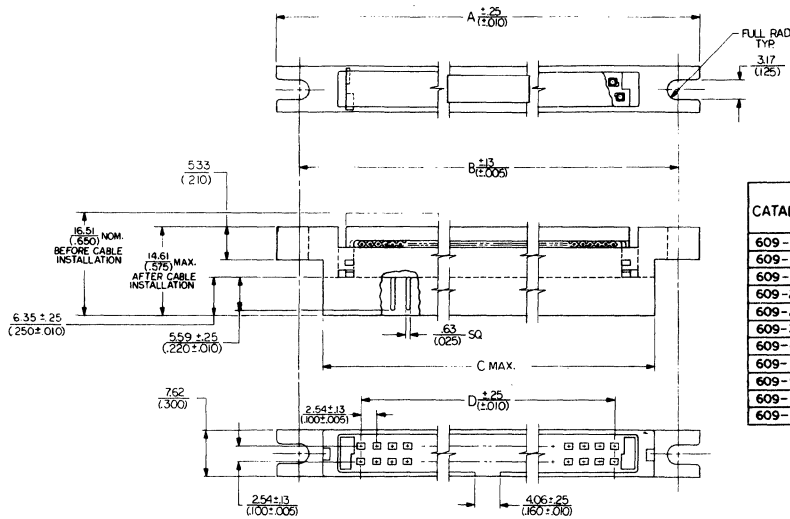
Dwg. No.	A	B	C	D	E	F	G	H	J	K	L
64P3a	2.440	2.325	—	1.947	2.200	1.900	—	—	—	.030/.060	.150
64P3b	2.440	2.325	2.005	1.947	2.200	1.900	2.320	1.890	1.680	.028	.150
64P3c	2.440	2.325	2.005	1.947	2.200	1.900	2.320	1.890	1.680	.028	.150
64P3d	2.440	2.325	2.005	1.947	2.200	1.900	—	—	—	.028	.150

OUTLINE DRAWINGS

67P7

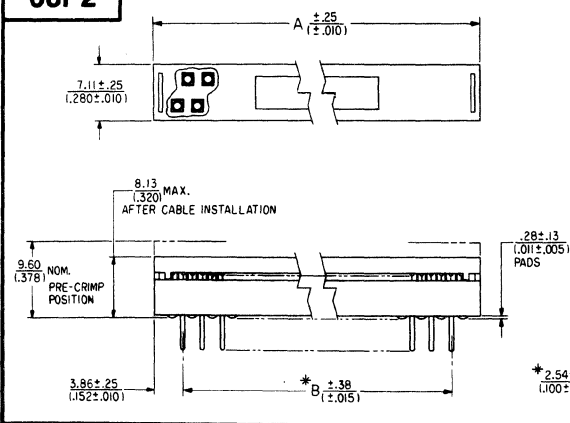


68P10



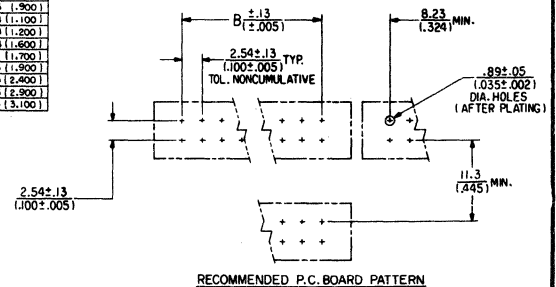
CATALOG NO.	NO. OF POS.	DIMENSIONS			
		E DIM.	A DIM.	B DIM.	D DIM.
609-1016	10	23.37 (.920)	38.10 (1.500)	30.48 (1.200)	22.61 (.890)
609-1416	14	28.45 (1.120)	43.18 (1.700)	35.56 (1.400)	27.69 (1.090)
609-1616	16	30.99 (1.220)	45.72 (1.800)	38.10 (1.500)	30.23 (1.190)
609-2016	20	36.07 (1.420)	50.80 (2.000)	43.18 (1.700)	35.31 (1.390)
609-2616	26	43.69 (1.720)	58.42 (2.300)	50.80 (2.000)	42.93 (1.690)
609-3416	34	53.85 (2.120)	68.58 (2.700)	60.96 (2.400)	53.09 (2.090)
609-4016	40	61.47 (2.420)	76.20 (3.000)	68.58 (2.700)	60.71 (2.390)
609-4416	44	66.55 (2.620)	81.28 (3.200)	73.66 (2.900)	65.79 (2.590)
609-5016	50	74.17 (2.920)	88.90 (3.500)	81.28 (3.200)	73.41 (2.890)
609-5616	56	81.79 (3.220)	96.52 (3.800)	88.90 (3.500)	81.03 (3.190)
609-6016	60	86.87 (3.420)	101.60 (4.000)	93.98 (3.700)	86.11 (3.390)

68P2



TAIL LENGTHS		NO. OF POS.	A DIM.	B DIM.
FOR 1.57 (.062) THICK PCB'S	FOR 3.17 (.125) THICK PCB'S			
2.54 (1.00)	3.96 (1.56)	6	13.03 (.513)	5.08 (.200)
609-0653	609-0663	10	18.11 (.713)	10.16 (.400)
609-1053	609-1063	16	23.19 (.913)	15.24 (.600)
609-1453	609-1463	16	25.73 (1.013)	17.78 (.700)
609-1853	609-1863	20	30.81 (1.213)	22.86 (.900)
609-2053	609-2063	24	35.89 (1.413)	27.94 (1.100)
609-2453	609-2463	26	38.43 (1.513)	30.48 (1.200)
609-2653	609-2663	26	38.43 (1.513)	30.48 (1.200)
609-3453	609-3463	34	48.59 (1.913)	40.64 (1.600)
609-3653	609-3663	36	51.13 (2.013)	43.18 (1.700)
609-4053	609-4063	40	56.21 (2.213)	48.26 (1.900)
609-5053	609-5063	50	68.91 (2.713)	50.96 (2.000)
609-6053	609-6063	60	81.61 (3.213)	73.66 (2.900)
609-6453	609-6463	64	86.69 (3.413)	78.74 (3.100)

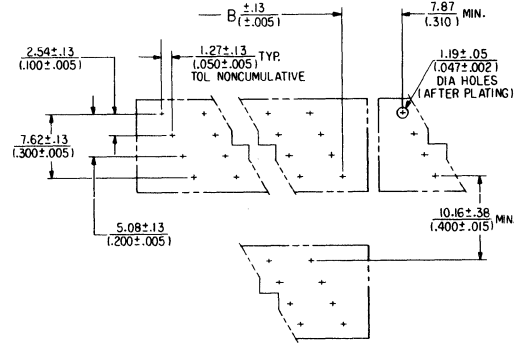
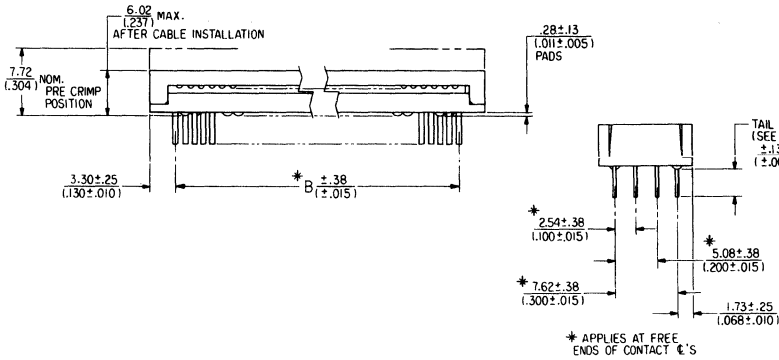
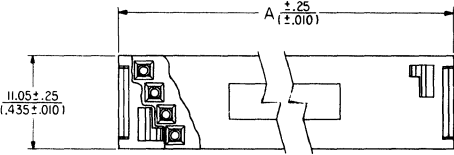
DIMENSIONS ARE SHOWN IN MM (INCHES)



OUTLINE DRAWINGS

68P1

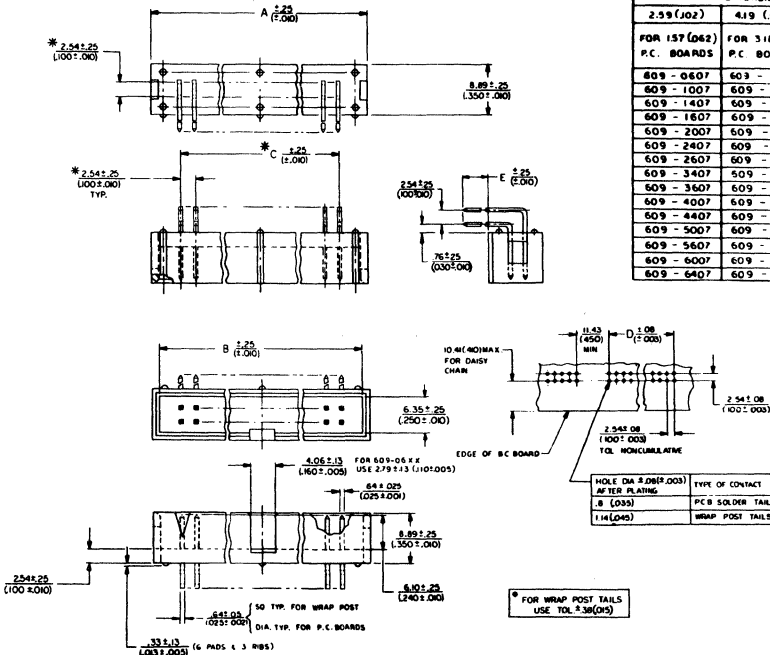
TAIL LENGTHS		NO OF POS.	A DIM.	B DIM.
FOR 1.57 (.062) THICK PCB'S	FOR 3.17 (.125) THICK PCB'S			
CAT. NO.	CAT. NO.			
609-1003	609-1043	10	18.03 (.710)	11.43 (.450)
609-1403	609-1443	14	23.11 (.910)	16.51 (.650)
609-1603	609-1643	16	25.65 (1.010)	19.05 (.750)
609-2003	609-2043	20	30.73 (1.210)	24.13 (.950)
609-2603	609-2643	26	38.35 (1.510)	31.75 (1.250)
609-3403	609-3443	34	48.51 (1.910)	41.91 (1.650)
609-4003	609-4043	40	56.13 (2.210)	49.53 (1.950)
609-4403	609-4443	44	61.21 (2.410)	54.61 (2.150)
609-5003	609-5043	50	68.83 (2.710)	62.23 (2.450)
609-5603	609-5643	56	76.45 (3.010)	69.85 (2.750)
609-6003	609-6043	60	81.53 (3.210)	74.93 (2.950)



* APPLIES AT FREE ENDS OF CONTACT P'S

68P3

CATALOG NUMBER		DIMENSION 'E'			NO. OF POSITIONS	DIM A	DIM B	DIM C
2.99 (.02)	4.19 (.165)	15.49 (.610)						
FOR 157 (.062) P.C. BOARDS	FOR 318 (.125) P.C. BOARDS	FOR WRAP POST TAILS						
809-0607	609-0617	609-0647	06	15.24(600)	12.70(500)	5.08(200)		
609-1007	609-1017	609-1047	10	20.32(800)	17.78(700)	10.16(400)		
609-1407	609-1417	609-1447	14	25.40(1000)	22.86(900)	15.24(600)		
609-1807	609-1817	609-1847	18	27.94(1100)	25.40(1000)	17.78(700)		
609-2007	609-2017	609-2047	20	33.02(1300)	30.48(1200)	22.86(900)		
609-2407	609-2417	609-2447	24	38.10(1500)	35.56(1400)	27.94(1100)		
609-2607	609-2617	609-2647	26	43.18(1600)	38.10(1500)	30.48(1200)		
609-3407	609-3417	609-3447	34	50.80(2000)	48.26(1900)	40.64(1600)		
609-3607	609-3617	609-3647	36	53.34(2100)	50.80(2000)	43.18(1700)		
609-4007	609-4017	609-4047	40	58.42(2300)	55.88(2200)	48.26(1900)		
609-4407	609-4417	609-4447	44	63.50(2500)	60.96(2400)	53.34(2100)		
609-5007	609-5017	609-5047	50	71.12(2800)	68.58(2700)	60.96(2400)		
609-5607	609-5617	609-5647	56	78.74(3100)	76.20(3000)	68.58(2700)		
609-6007	609-6017	609-6047	60	83.82(3300)	81.28(3200)	73.65(2900)		
609-6407	609-6417	609-6447	64	88.90(3500)	86.36(3400)	78.74(3100)		

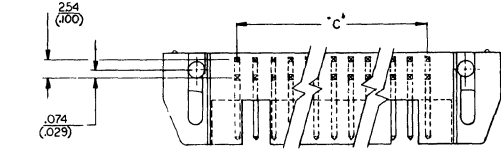


HOLE DIA 3.08(0.03) AFTER PLATING	TYPE OF CONTACT
8 (.045)	PCB SOLDER TAILS
114(.045)	WRAP POST TAILS

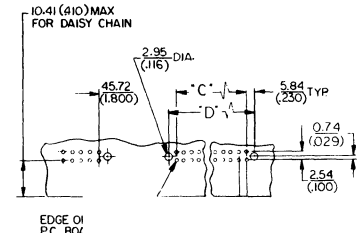
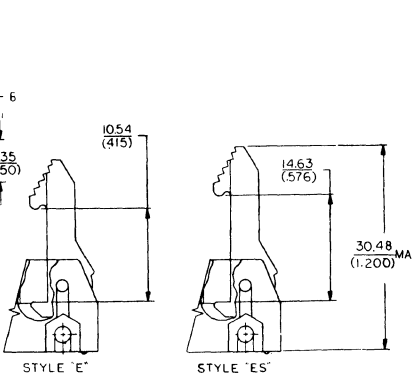
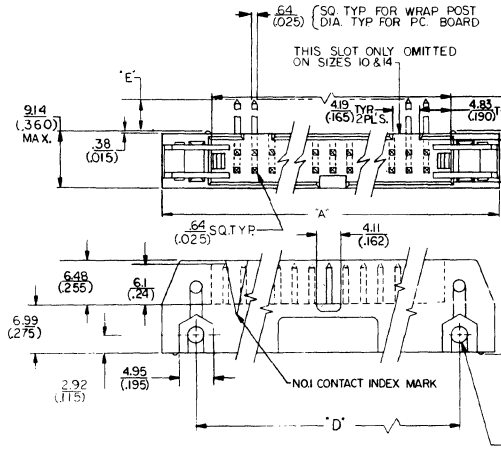
* FOR WRAP POST TAILS USE TOL .38(.015)

OUTLINE DRAWINGS

68P4



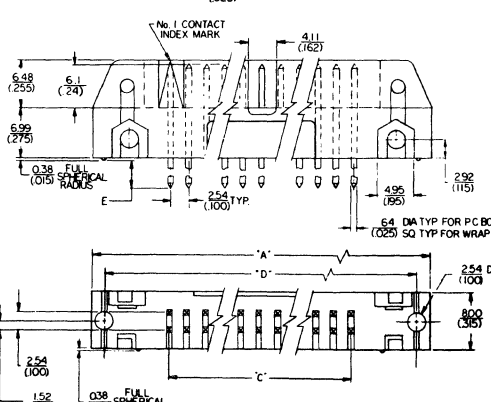
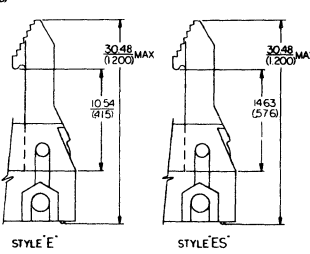
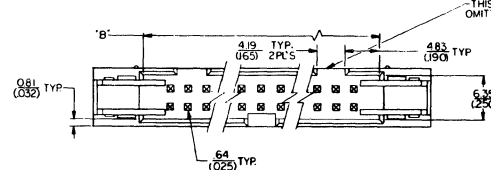
CATALOG NUMBER			NO. OF POS.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
FOR 157 P.C. BOARDS	FOR 318 P.C. BOARDS	FOR WRAP POST TAILS					
609 1004	609 1004	609 1004	10	32.00 (128)	17.53 (690)	10.16 (400)	21.84 (860)
609 1404	609 1404	609 1404	14	37.08 (146)	22.61 (890)	15.24 (600)	26.32 (1030)
609 1604	609 1604	609 1604	16	39.62 (156)	25.15 (990)	17.78 (700)	29.46 (1160)
609 2004	609 2004	609 2004	20	44.70 (176)	30.23 (1190)	22.86 (900)	34.54 (1360)
609 2604	609 2604	609 2604	26	52.32 (206)	37.85 (1490)	30.48 (1200)	42.16 (1660)
609 3404	609 3404	609 3404	34	62.48 (246)	48.01 (1890)	40.64 (1600)	52.32 (2060)
609 4004	609 4004	609 4004	40	70.10 (276)	55.63 (2190)	48.26 (1900)	59.94 (2360)
609 5004	609 5004	609 5004	50	82.80 (326)	68.33 (2690)	60.30 (2400)	72.64 (2860)
609 6004	609 6004	609 6004	60	95.50 (376)	81.03 (3190)	73.66 (2900)	85.34 (3360)
609 6404	609 6404	609 6404	64	100.58 (396)	86.11 (3390)	78.74 (3100)	90.42 (3560)
DIMENSION "E"							
2.59 (102)	4.19 (165)	15.49 (610)					
609-X X04	609 X X14	609-X X44	WITHOUT EJECTOR/RETAINER				
609 XX04E	609 X X14E	609 X X44E	EJECTOR/RETAINER WITHOUT STRAIN RELIEF				
609 XX04ES	609 X X14ES	609 X X44ES	EJECTOR/RETAINER WITH STRAIN RELIEF				



DIMENSIONS ARE SHOWN IN MM (INCHES)

68P5

CATALOG NUMBER			NO. OF POS.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
FOR 157 P.C. BOARDS	FOR 318 P.C. BOARDS	FOR WRAP POST TAILS					
609 1024	609 1034	609 1054	10	32.00 (128)	17.53 (690)	10.16 (400)	21.84 (860)
609 1424	609 1434	609 1454	14	37.08 (146)	22.61 (890)	15.24 (600)	26.32 (1030)
609 1624	609 1634	609 1654	16	39.62 (156)	25.15 (990)	17.78 (700)	29.46 (1160)
609 2024	609 2034	609 2054	20	44.70 (176)	30.23 (1190)	22.86 (900)	34.54 (1360)
609 2624	609 2634	609 2654	26	52.32 (206)	37.85 (1490)	30.48 (1200)	42.16 (1660)
609 3424	609 3434	609 3454	34	62.48 (246)	48.01 (1890)	40.64 (1600)	52.32 (2060)
609 4024	609 4034	609 4054	40	70.10 (276)	55.63 (2190)	48.26 (1900)	59.94 (2360)
609 5024	609 5034	609 5054	50	82.80 (326)	68.33 (2690)	60.30 (2400)	72.64 (2860)
609 6024	609 6034	609 6054	60	95.50 (376)	81.03 (3190)	73.66 (2900)	85.34 (3360)
609 6424	609 6434	609 6454	64	100.58 (396)	86.11 (3390)	78.74 (3100)	90.42 (3560)
DIMENSION "E"							
2.59 (102)	4.19 (165)	15.49 (610)					
609 XX24	609 XX34	609 XX54	WITHOUT EJECTOR/RETAINER				
609 XX24E	609 XX34E	609 XX54E	EJECTOR/RETAINER WITHOUT STRAIN RELIEF				
609 XX24ES	609 XX34ES	609 XX54ES	EJECTOR/RETAINER WITH STRAIN RELIEF				

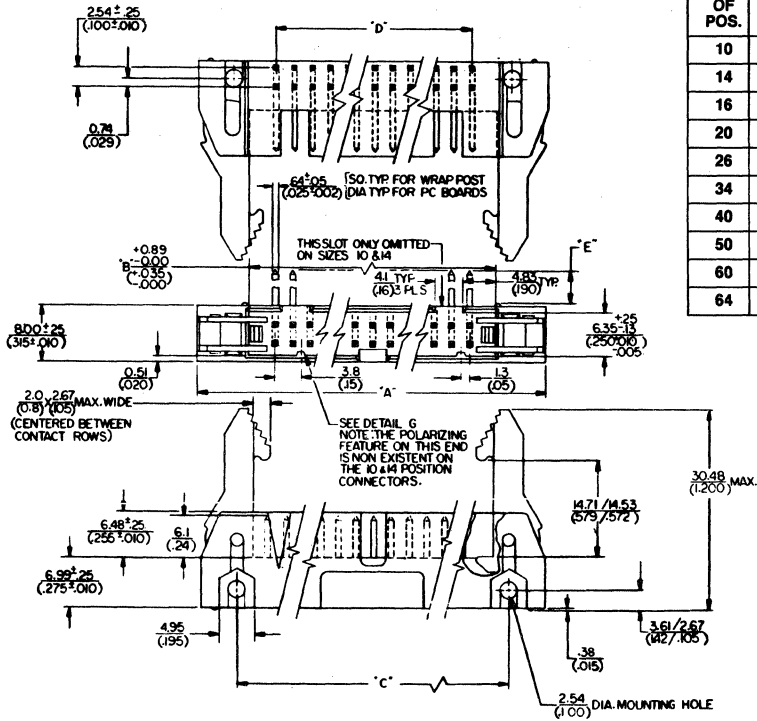


NOTE: ALL DIMENSIONS SHOWN ARE NOMINAL.

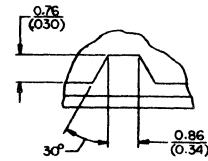
DIMENSIONS ARE SHOWN IN MM (INCHES)

OUTLINE DRAWINGS

68P6



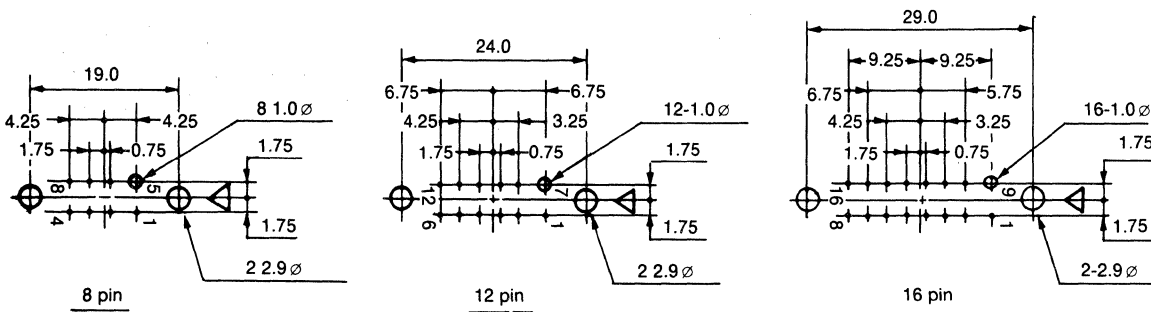
NO. OF POS.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
10	32.00 (1.26)	17.53 (.690)	21.8 (.860)	10.16 (.400)
14	37.08 (1.46)	22.61 (.890)	26.92 (1.060)	15.24 (.600)
16	39.62 (1.56)	25.15 (.990)	29.46 (1.160)	17.78 (.700)
20	44.70 (1.76)	30.23 (1.190)	34.54 (1.360)	22.86 (.900)
26	52.32 (2.06)	37.85 (1.490)	42.16 (1.660)	30.48 (1.200)
34	62.48 (2.46)	48.01 (1.890)	52.32 (2.060)	40.64 (1.600)
40	70.10 (2.76)	55.63 (2.190)	59.94 (2.360)	48.26 (1.900)
50	82.80 (3.26)	68.33 (2.690)	72.64 (2.860)	60.96 (2.400)
60	95.50 (3.76)	81.03 (3.190)	85.34 (3.190)	73.66 (2.900)
64	100.58 (3.96)	85.11 (3.390)	90.42 (3.560)	78.74 (3.100)



DETAIL-G
TYP

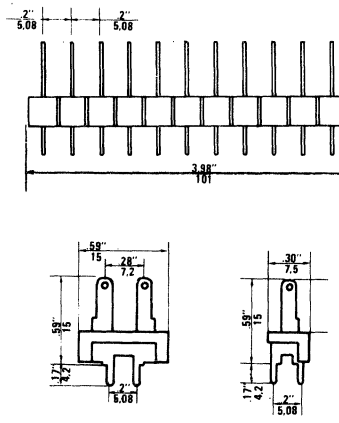
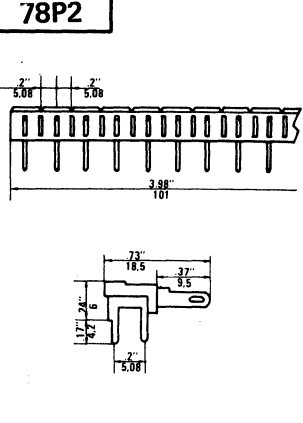
DIMENSIONS ARE SHOWN IN $\frac{\text{MM}}{\text{(INCHES)}}$

70P2

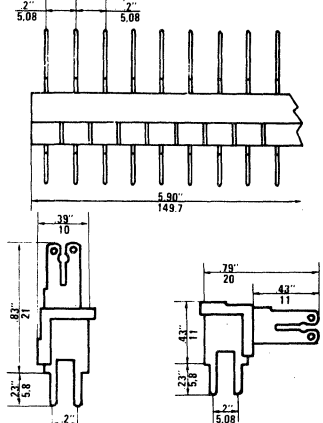
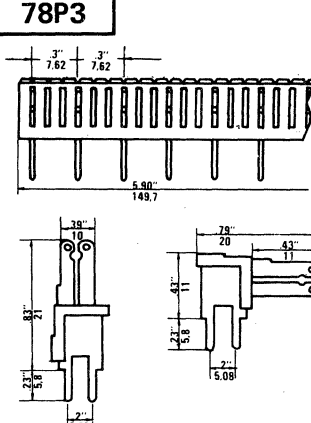


NO. OF PIN	mm				
	A	B	C	D	E
8	25	19	10	13	8
12	30	24	10	18	8
16	35	29	10	23	8
20	33	27	13	21	11
24	37	31	13	25	11
28	40	34	13	28	11
34	45	39	13	33	11
45	54	48	13	42	11
60	67	61	13	55	11

78P2

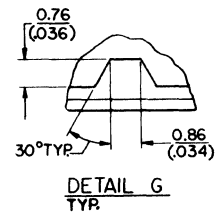
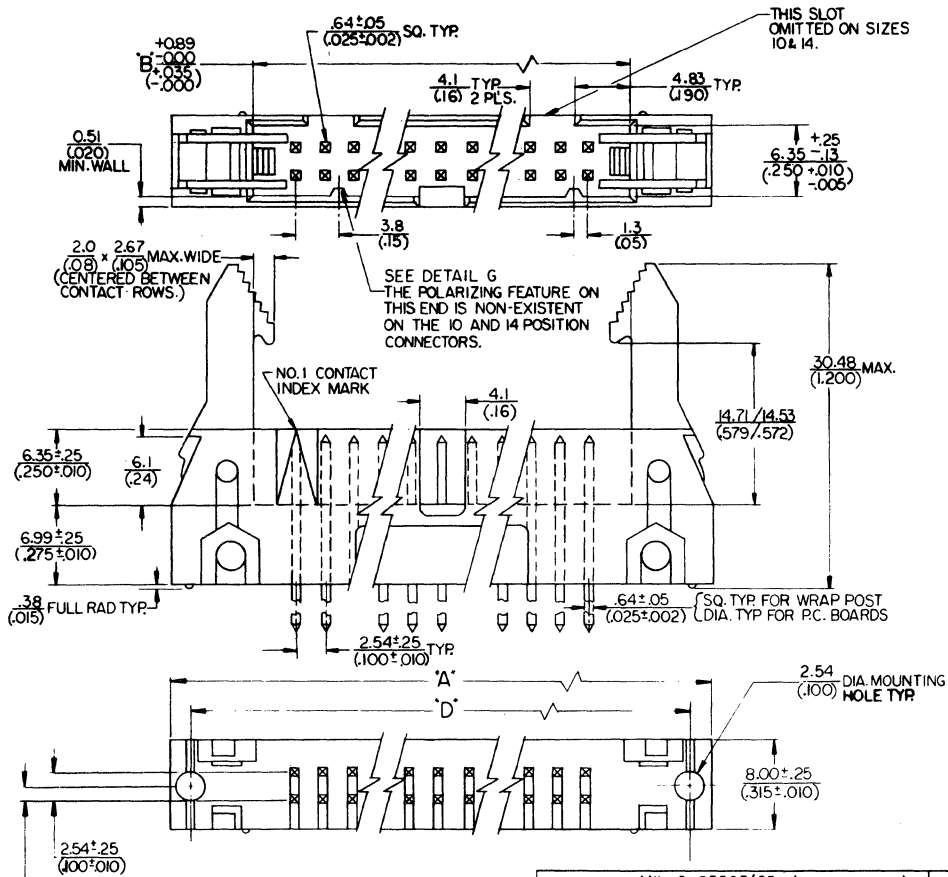


78P3



OUTLINE DRAWINGS

68P7

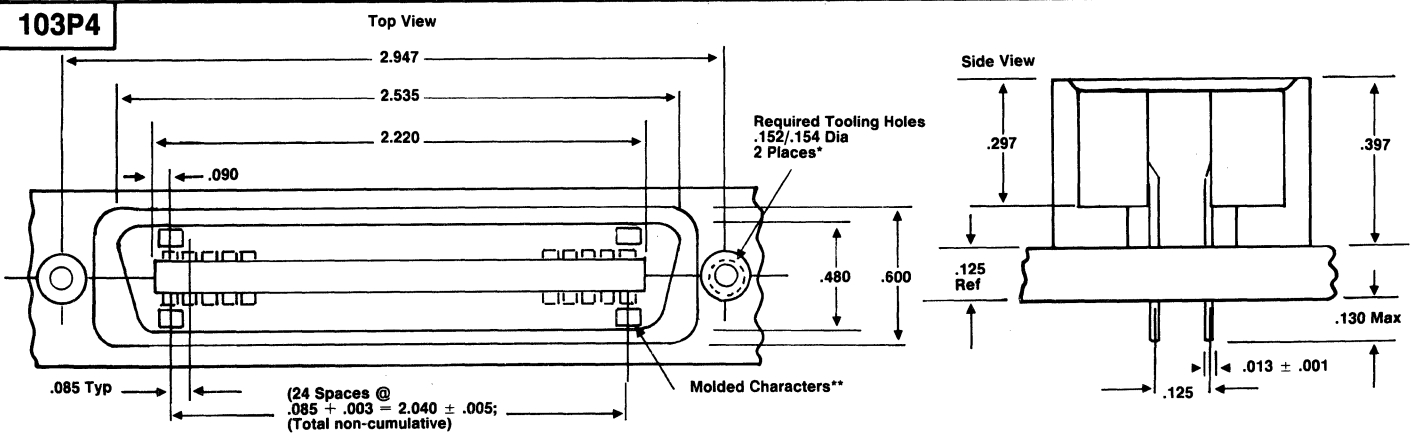


NO. OF POS.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
10	32.00 (1.26)	17.53 (.690)	10.16 (.400)	27.94 (1.10)
14	37.08 (1.46)	22.61 (.890)	15.24 (.600)	33.02 (1.30)
16	39.62 (1.56)	25.15 (.990)	17.78 (.700)	35.56 (1.40)
20	44.70 (1.76)	30.23 (1.190)	22.86 (.900)	40.64 (1.60)
26	52.32 (2.06)	37.85 (1.490)	30.48 (1.200)	48.26 (1.90)
34	62.48 (2.46)	48.01 (1.890)	40.64 (1.600)	58.42 (2.30)
40	70.10 (2.76)	55.63 (2.190)	48.26 (1.900)	66.04 (2.60)
50	82.80 (3.26)	68.33 (2.690)	60.96 (2.400)	78.74 (3.10)
60	95.50 (3.76)	81.03 (3.190)	73.66 (2.900)	91.44 (3.60)
64	100.58 (3.96)	86.11 (3.390)	78.74 (3.100)	96.52 (3.80)

1.52 (.060)
DIMENSIONS ARE SHOWN IN MM (INCHES)

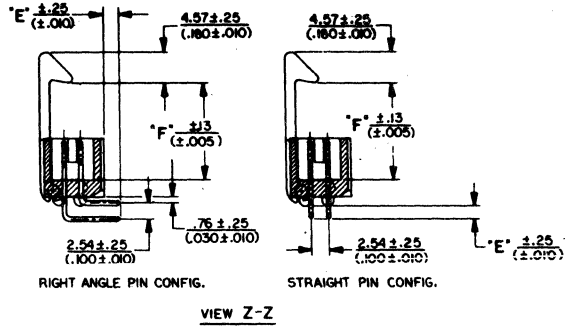
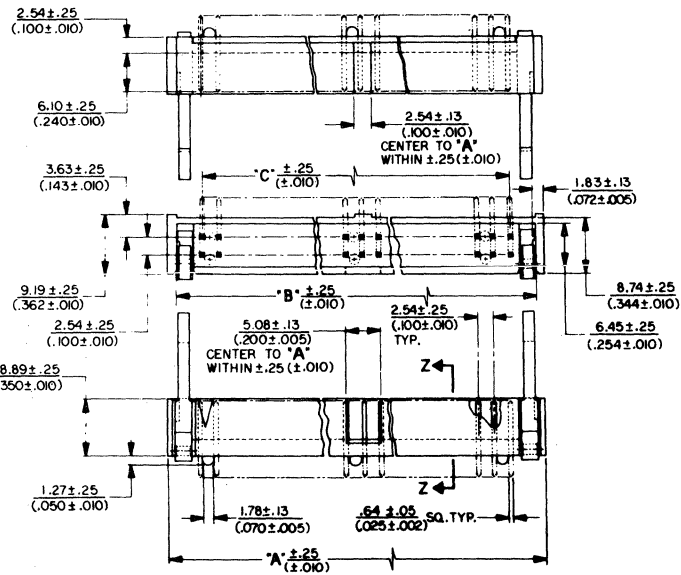
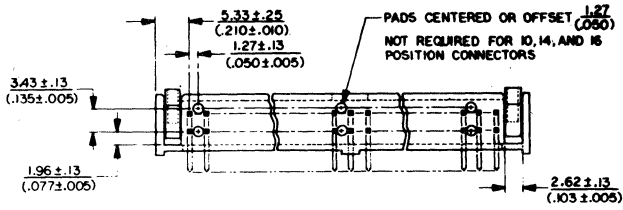
MIL-C-83503/25 - (SEE DASH NUMBER)						NO. OF POS.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
FOR 157 (0.62) PC BOARDS		FOR 3.18 (.125) PC BOARDS		FOR WRAP POST TAILS						
DASH NO.	CATALOG NUMBER	DASH NO.	CATALOG NUMBER	DASH NO.	CATALOG NUMBER					
01	700-1024ES	02	700-1034ES	03	700-1054ES	10	32.00 (1.26)	17.53 (.690)	10.16 (.400)	27.94 (1.10)
04	700-1424ES	05	700-1434ES	06	700-1454ES	14	37.08 (1.46)	22.61 (.890)	15.24 (.600)	33.02 (1.30)
07	700-1624ES	08	700-1634ES	09	700-1654ES	16	39.62 (1.56)	25.15 (.990)	17.78 (.700)	35.56 (1.40)
10	700-2024ES	11	700-2034ES	12	700-2054ES	20	44.70 (1.76)	30.23 (1.190)	22.86 (.900)	40.64 (1.60)
13	700-2624ES	14	700-2634ES	15	700-2654ES	26	52.32 (2.06)	37.85 (1.490)	30.48 (1.200)	48.26 (1.90)
16	700-3424ES	17	700-3434ES	18	700-3454ES	34	62.48 (2.46)	48.01 (1.890)	40.64 (1.600)	58.42 (2.30)
19	700-4024ES	20	700-4034ES	21	700-4054ES	40	70.10 (2.76)	55.63 (2.190)	48.26 (1.900)	66.04 (2.60)
22	700-5024ES	23	700-5034ES	24	700-5054ES	50	82.80 (3.26)	68.33 (2.690)	60.96 (2.400)	78.74 (3.10)
25	700-6024ES	26	700-6034ES	27	700-6054ES	60	95.50 (3.76)	81.03 (3.190)	73.66 (2.900)	91.44 (3.60)
28	700-6424ES	29	700-6434ES	30	700-6454ES	64	100.58 (3.96)	86.11 (3.390)	78.74 (3.100)	96.52 (3.80)
DIMENSION E										
2.59 ± .36 (102 ± .014)		4.19 ± .38 (165 ± .015)		5.49 ± .38 (610 ± .015)						

103P4



OUTLINE DRAWINGS

68P8

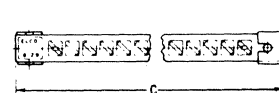
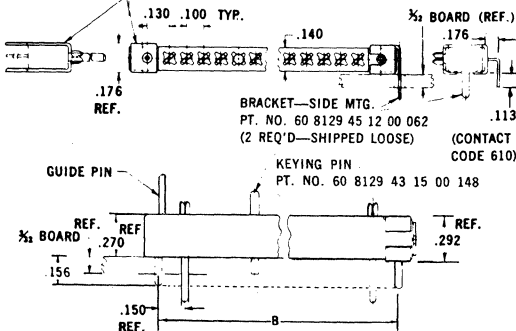


DIMENSIONS ARE SHOWN IN $\frac{\text{MM}}{\text{(INCHES)}}$

CATALOG NUMBER **		CONFIGURATION	DIMENSIONS				
FOR 1.57 (.062) P.C. BOARDS	FOR 3.18 (.125) P.C. BOARDS		RIGHT ANGLE	"A" ± .25 (±.010)	"B" ± .25 (±.010)	"C"	EJECTOR SIZE E
DIM. "E" ± .25 (±.010)	DIM. "E" ± .25 (±.010)	NO. OF CONTACTS					"F" ± .13 (±.005)
2.59 (.102) †	4.11 (.162) †						
500-1007	500-1017	10	20.83(.820)	18.29(.720)	10.16(.400)		
500-1407	500-1417	14	25.91(1.020)	23.37(.920)	15.24(.600)		
500-1607	500-1617	16	28.45(1.120)	25.91(1.020)	17.78(.700)		
500-2007	500-2017	20	33.53(1.320)	30.99(1.220)	22.86(.900)		
500-2607	500-2617	26	41.15(1.620)	38.61(1.520)	30.48(1.200)		
500-3407	500-3417	34	51.31(2.020)	48.77(1.920)	40.64(1.600)	10.54(.415)	14.61(.575)
500-4007	500-4017	40	58.93(2.320)	56.39(2.220)	48.26(1.900)		
500-4407	500-4417	44	64.01(2.520)	61.47(2.420)	53.34(2.100)		
500-5007	500-5017	50	71.63(2.820)	69.09(2.720)	60.96(2.400)		
500-5607	500-5617	56	79.25(3.120)	76.79(3.020)	68.58(2.700)		
500-6007	500-6017	60	84.33(3.320)	81.79(3.220)	73.66(2.900)		

121P6

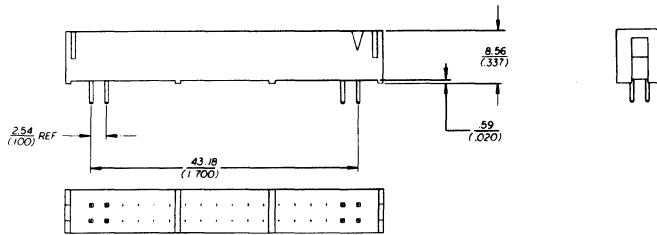
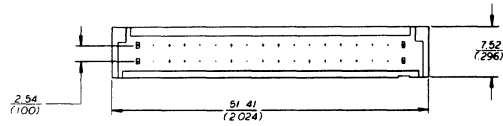
BRACKET—UPRIGHT MTG.
PT. NO. 60 8129 41 11 00 062
(2 REQ'D—
SHIPPED LOOSE)



NO. OF CONTACTS	"A"	"B"	"C"
6	1.000	.800	.960
9	1.300	1.100	1.260
10	1.400	1.200	1.360
12	1.600	1.400	1.560
15	1.900	1.700	1.860

OUTLINE DRAWINGS

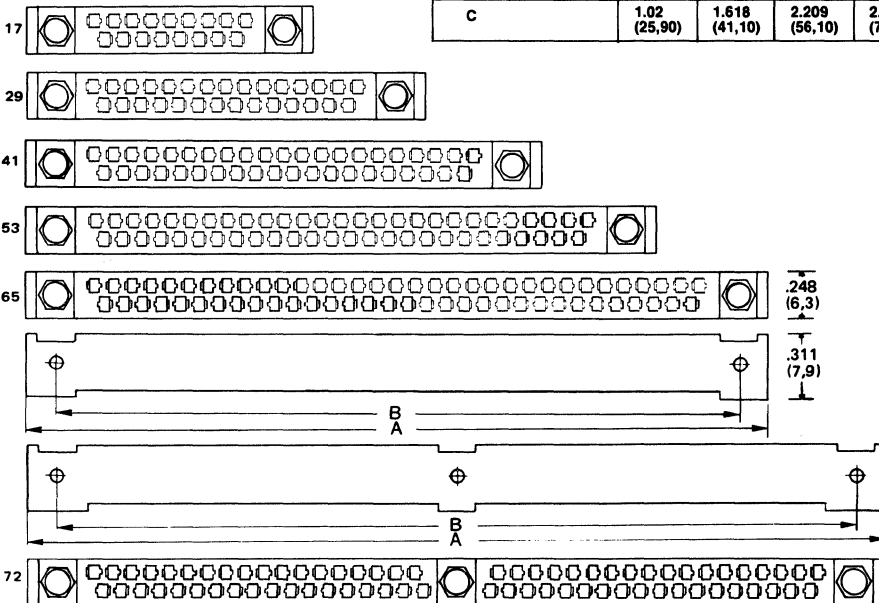
68P9



66P6

Molding Dimensions

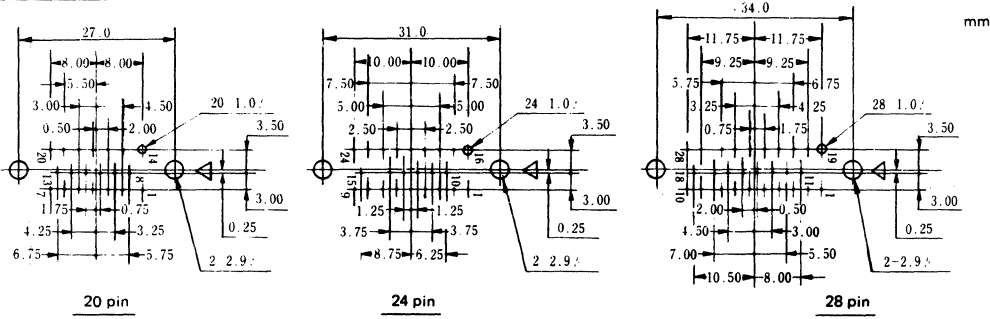
No. of Contacts Dim.	17	29	41	53	65	72	84	96
A	1.516 (38,50)	2.114 (53,70)	2.716 (69,00)	3.315 (84,20)	3.917 (99,50)	4.524 (114,90)	5.114 (129,90)	5.716 (145,20)
B + .008 (0,2)	1.20 (30,48)	1.80 (45,72)	2.40 (60,96)	3.0 (76,20)	3.6 (91,44)	4.208 (106,88)	4.8 (121,92)	5.4 (137,16)
C	1.02 (25,90)	1.618 (41,10)	2.209 (56,10)	2.819 (71,80)	3.42 (86,90)	4.02 (102,10)	4.618 (117,30)	5.22 (132,80)



84 and 96 - Way versions also with central non-polarized guide

OUTLINE DRAWINGS

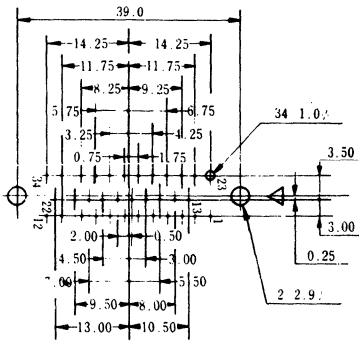
70P1



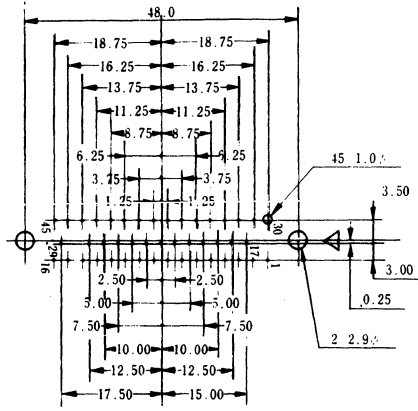
20 pin

24 pin

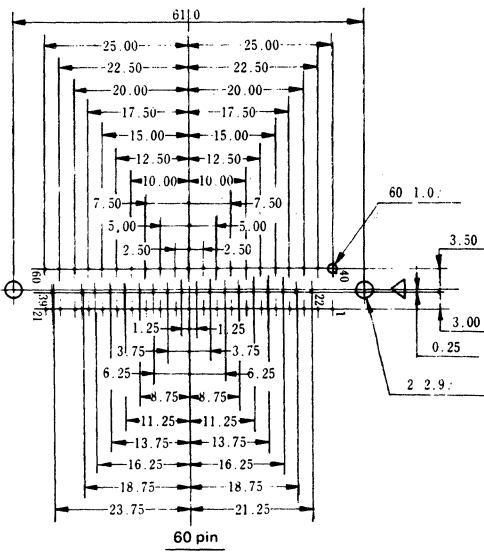
28 pin



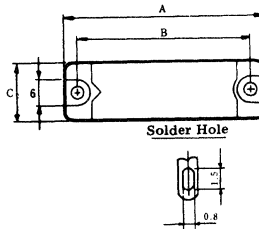
34 pin



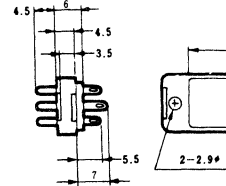
45 pin



60 pin



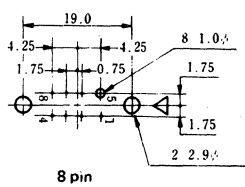
Solder Hole



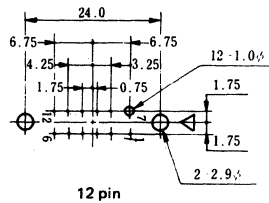
NO. OF PIN	A	B	C	D	E
8	25	19	10	13	8
12	30	24	10	18	8
16	35	29	10	23	8
20	33	27	13	21	11
24	37	31	13	25	11
28	40	34	13	28	11
34	45	39	13	33	11
45	54	48	13	42	11
60	67	61	13	55	11

mm

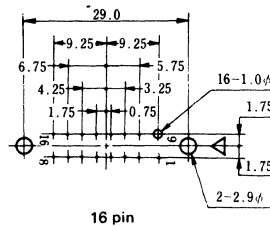
mm



8 pin



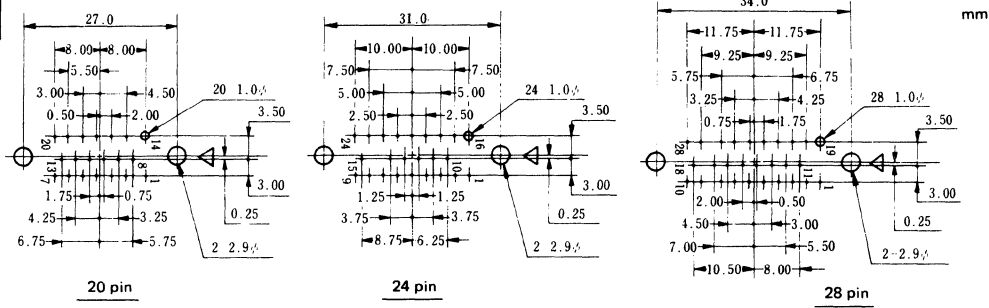
12 pin



16 pin

OUTLINE DRAWINGS

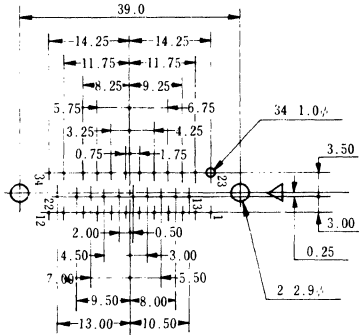
70P3



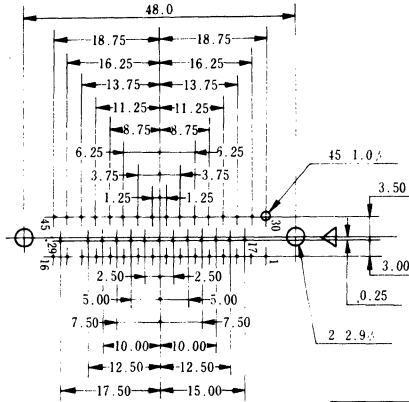
20 pin

24 pin

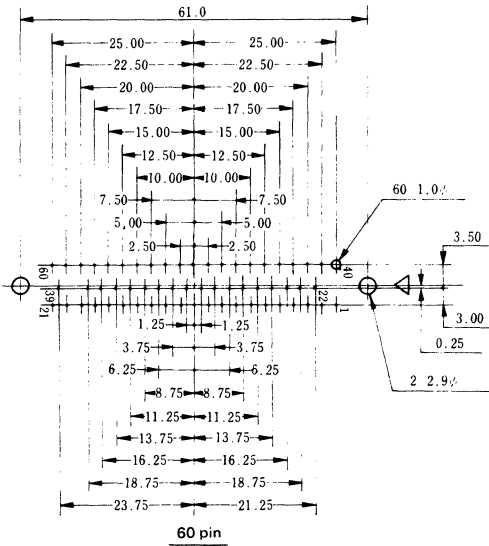
28 pin



34 pin



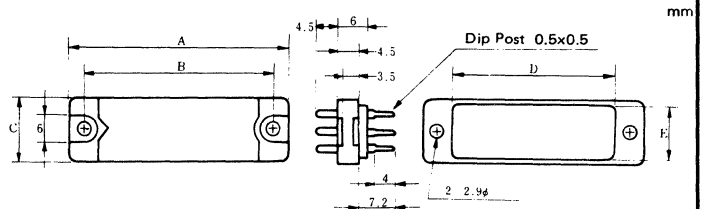
45 pin



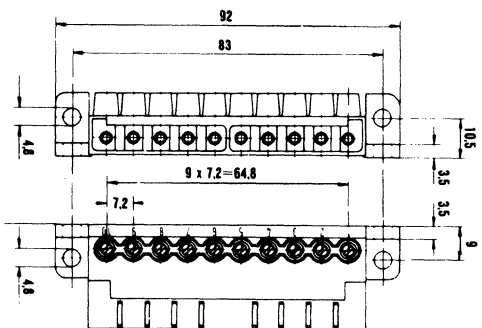
60 pin

mm

NO. OF PIN	A	B	C	D	E
8	25	19	10	13	8
12	30	24	10	18	8
16	35	29	10	23	8
20	33	27	13	21	11
24	37	31	13	25	11
28	40	34	13	28	11
34	45	39	13	33	11
45	54	48	13	42	11
60	67	61	13	55	11



109P2



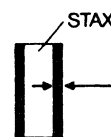
111P1

111P2

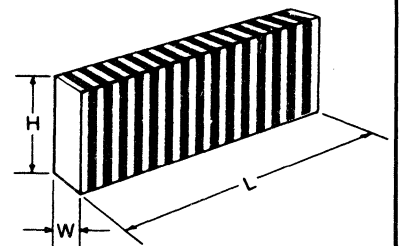
111P3

111P5

DWG NO.	H	W	L
111P1	.06/.80	.02/.100	.40-2-4
111P2	.04/.50	.01/.100	.10-1-2
111P3	.04/5	.004/.250	.04/10
111P5	.04/.50	.01/.100	.10-3-4

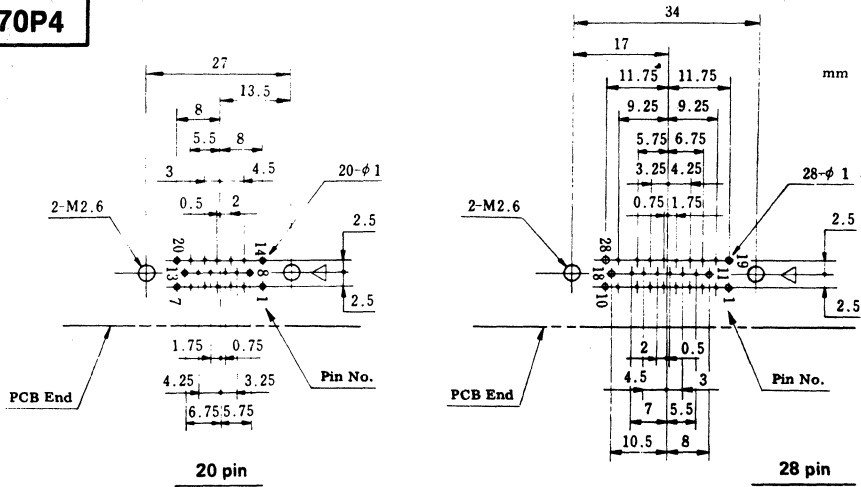


0.002" ± .001"
(.05 mm ± .02 mm)

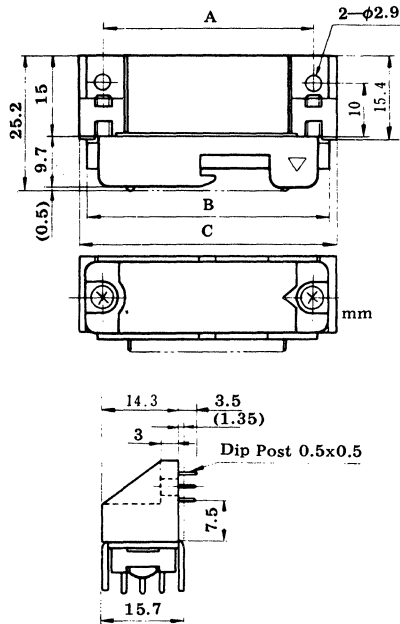
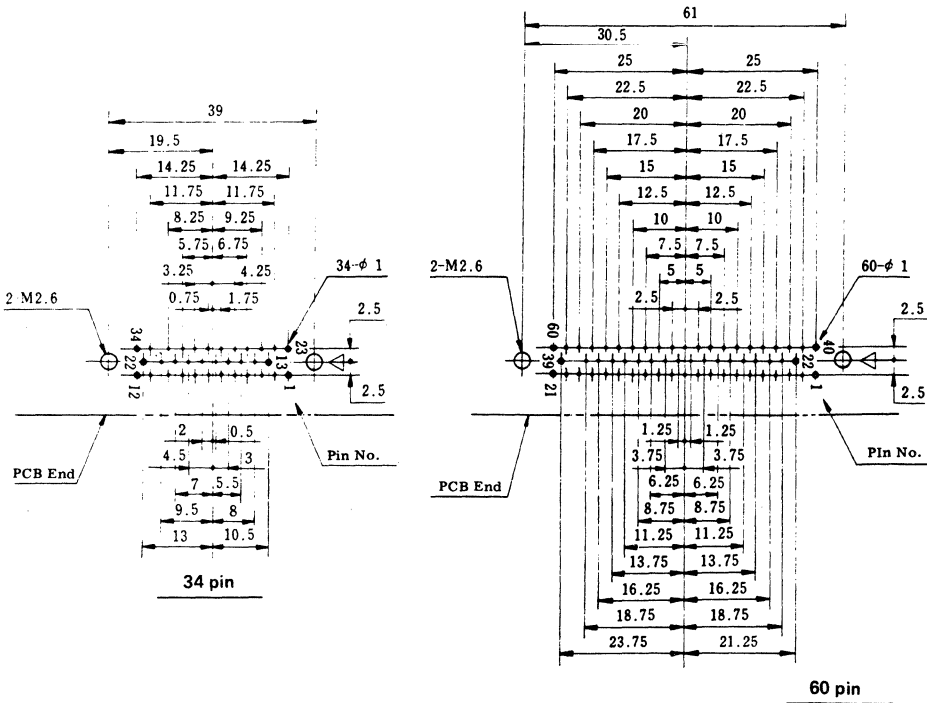


OUTLINE DRAWINGS

70P4



NO. OF PIN	A	B	C
20	27	33	36
28	34	40	43
34	39	45	48
60	61	67	70



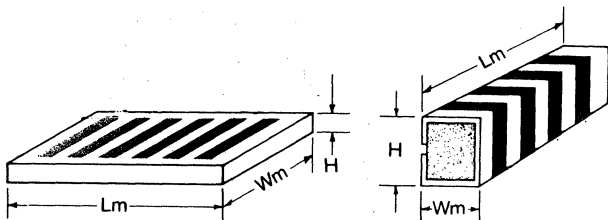
Note 1. The triangle mark represents the position of the same mark on the connector unit.

Note 2. Above pattern is shown from view direction of the connector mounting side.

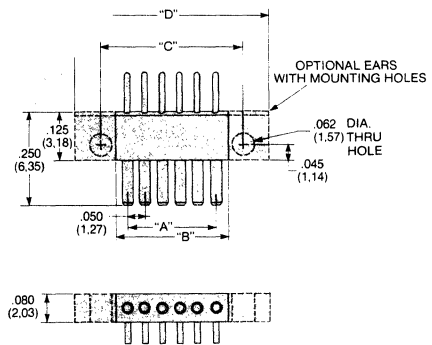
111P4

DIMENSIONS

	Wrap Around
Height (H) (in.)	0.05 ± .004 to 2 ± .010
Width (Wm) (in.)	0.05 ± 0.004 to 0.5 ± .010
Length (Lm) (in.)	0.1 ± .005 to 10 ± .050



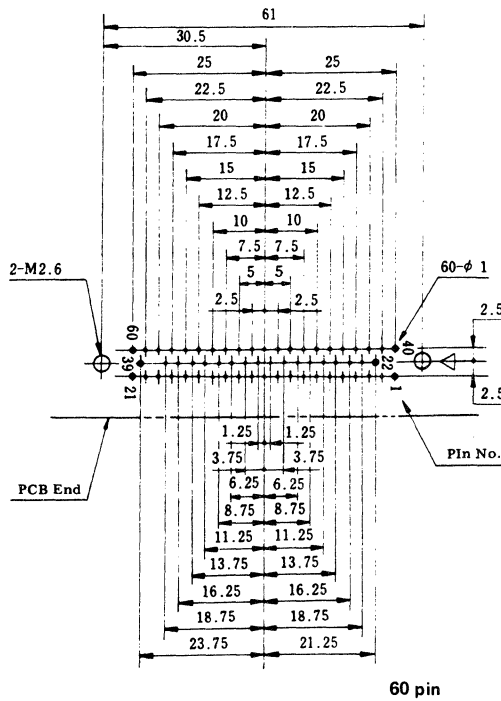
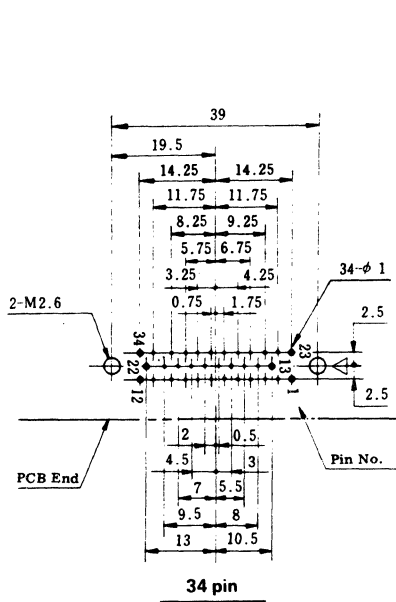
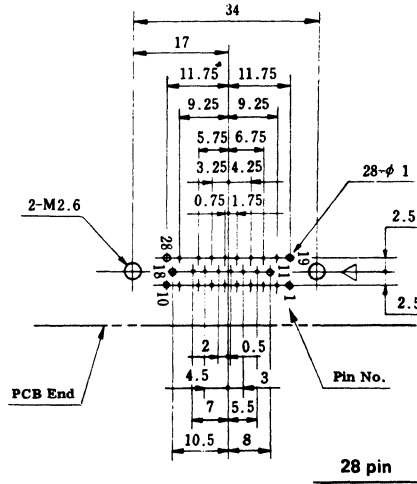
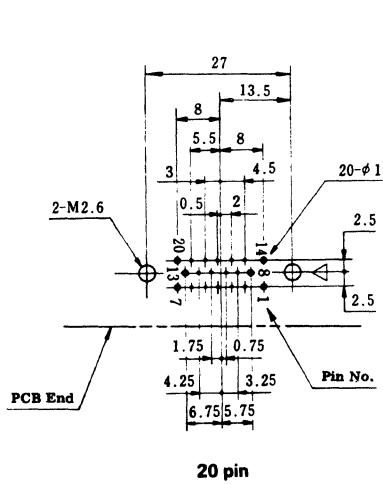
111P10



DIMENSIONAL FORMULAS
 A = (NO. OF POS. - 1) x (1.27) 1ST TO LAST CONTACT
 B = A + .050 (1.27) OVERALL WITHOUT EARS
 C = A + .250 (6.35) C TO C OF MOUNTING HOLES
 D = A + .450 (11.43) OVERALL WITH EARS

OUTLINE DRAWINGS

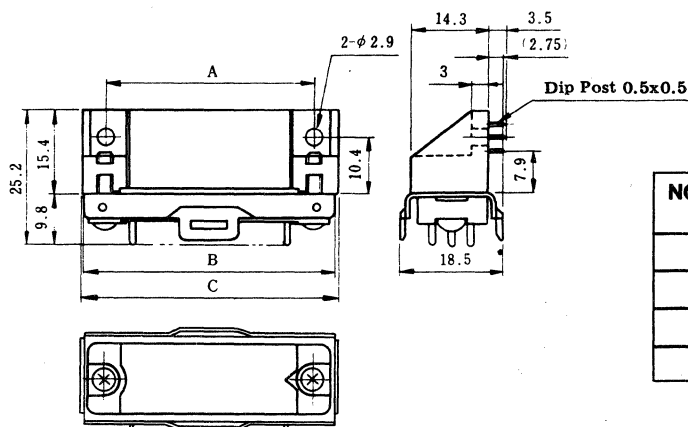
70P5



Note 1. The triangle mark represents the position of the same mark on the connector unit.

2. Above pattern is shown from view direction of the connector mounting side.

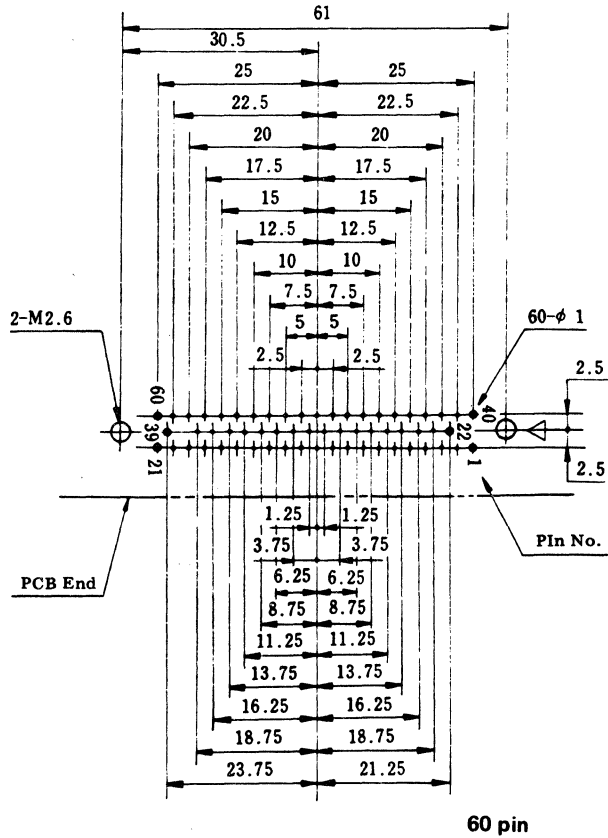
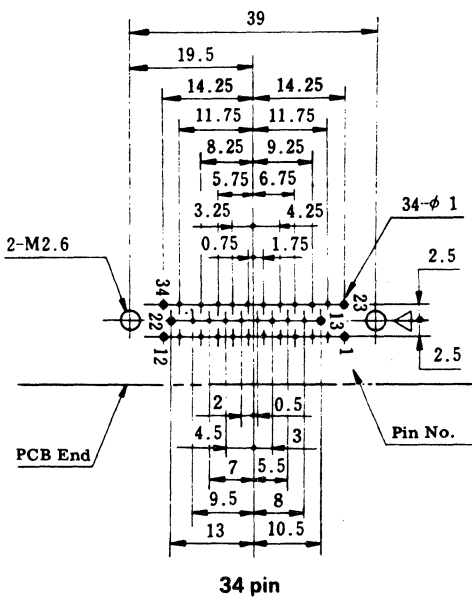
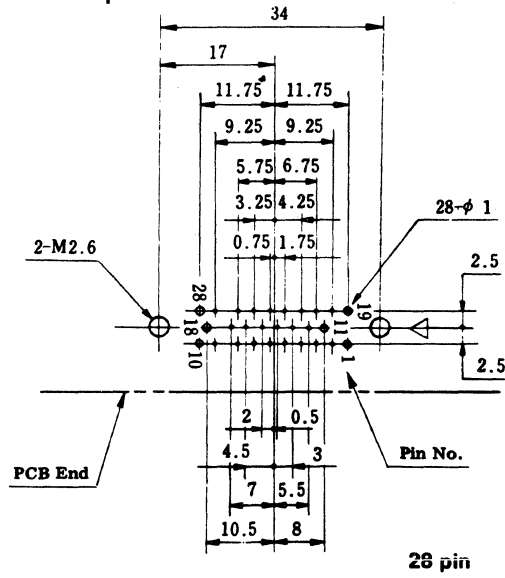
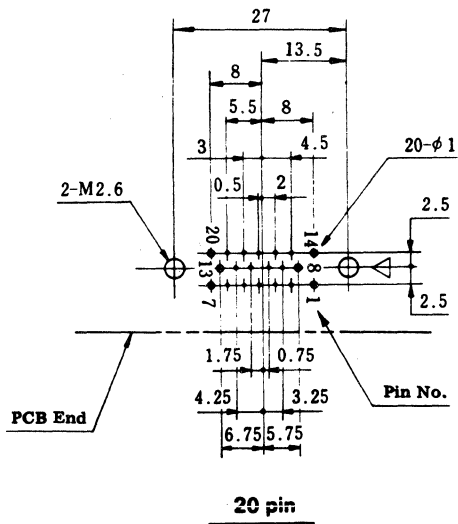
mm



NO. OF PIN	A	B	C
20	27	35	36
28	34	42	43
35	39	47	48
60	61	69	70

OUTLINE DRAWINGS

70P6



Note 1. The triangle mark represents the position of the same mark on the connector unit.

Note 2. Above pattern is shown from view direction of the connector mounting side.

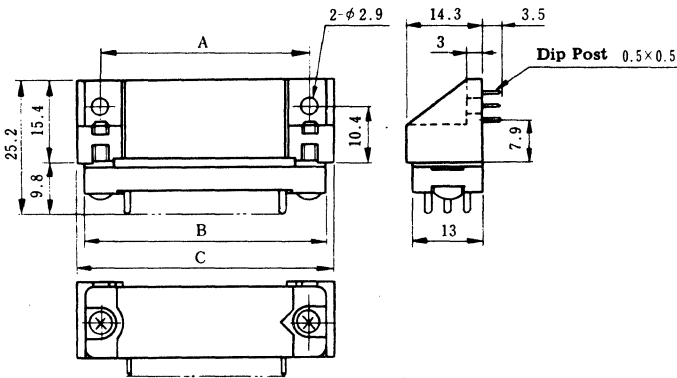
Continued on next page

OUTLINE DRAWINGS

70P6

Continued from previous page

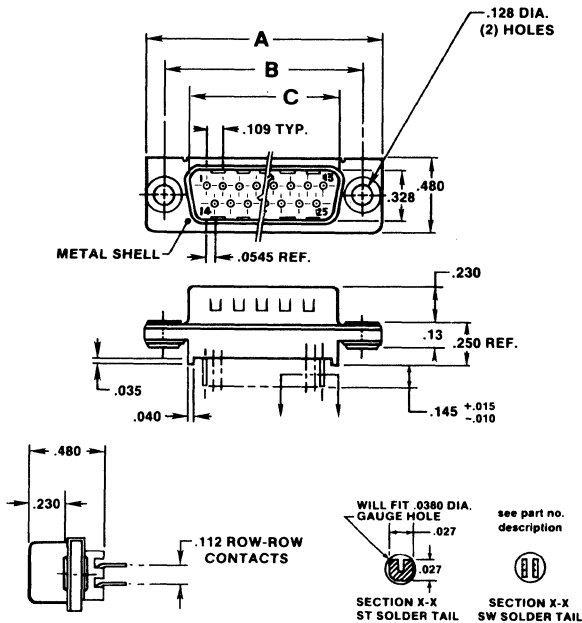
mm



NO. OF PIN	A	B	C
20	27	33	36
28	34	40	43
34	39	45	48
60	61	67	70

71P4

DIMENSIONS (Shown in Inches)



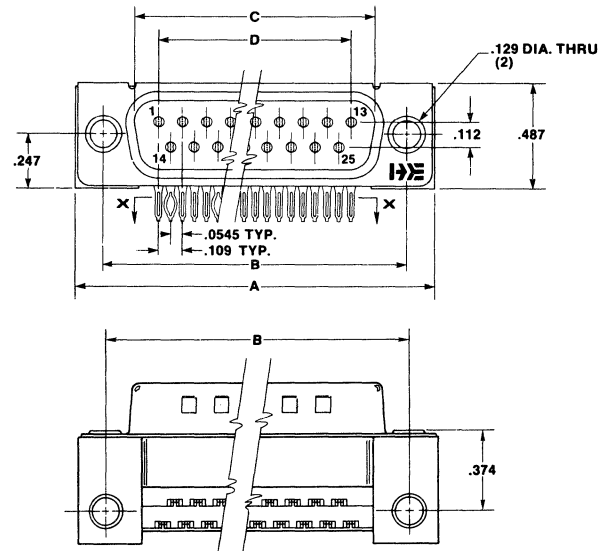
DIMENSIONS (Shown in Inches)

NUMBER OF CONTACTS	A	B	C
9	1.224	.984	.666
15	1.552	1.312	.994
25	2.092	1.852	1.534
37	2.740	2.500	2.182

71P6

DIMENSIONS (Shown in Inches)

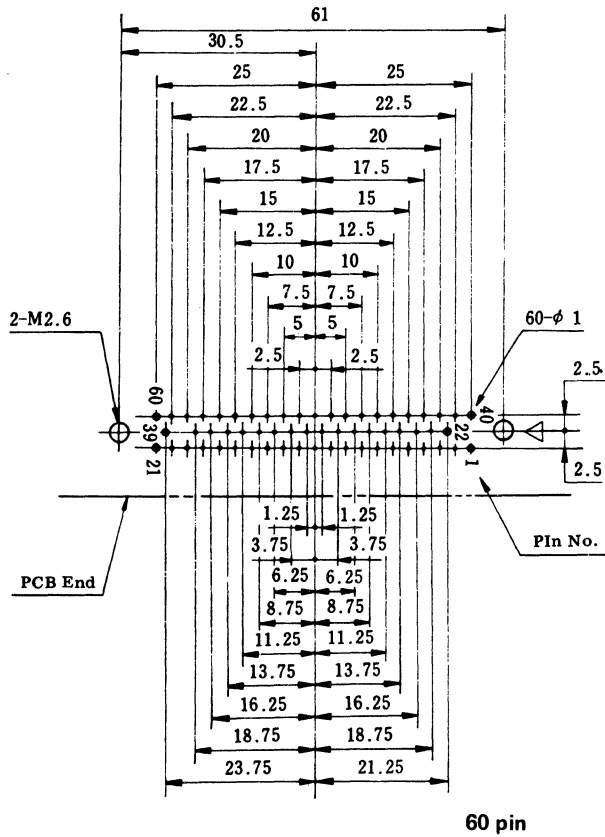
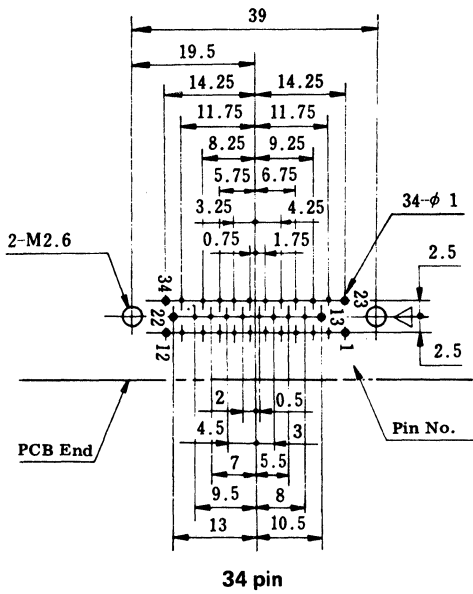
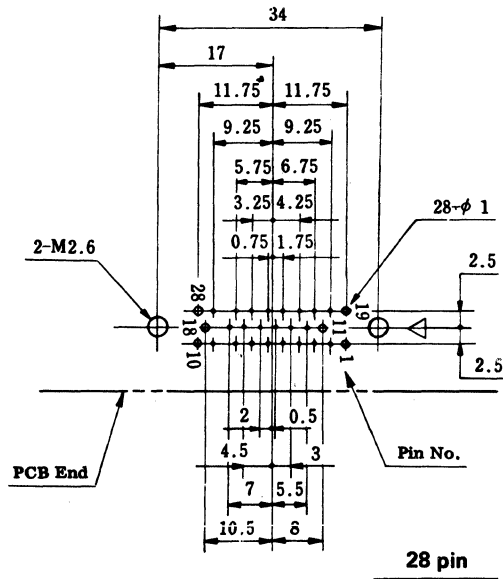
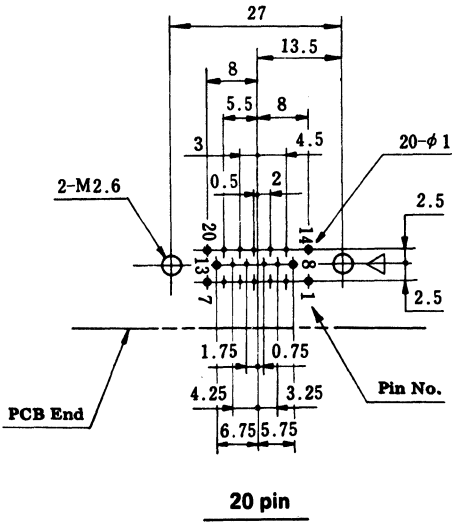
NUMBER OF CONTACTS	A	B	C	D
9	1.224	.984	.666	.436
15	1.552	1.312	.994	.763
25	2.092	1.852	1.534	1.308
37	2.740	2.500	2.183	1.962



OUTLINE DRAWINGS

70P7

mm



Note 1. The triangle mark represents the position of the same mark on the connector unit.

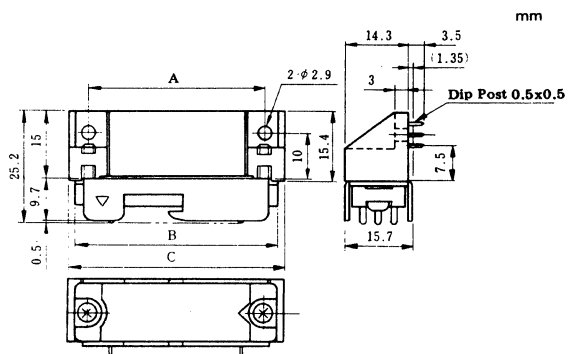
2. Above pattern is shown from view direction of the connector mounting side.

Continued on next page

OUTLINE DRAWINGS

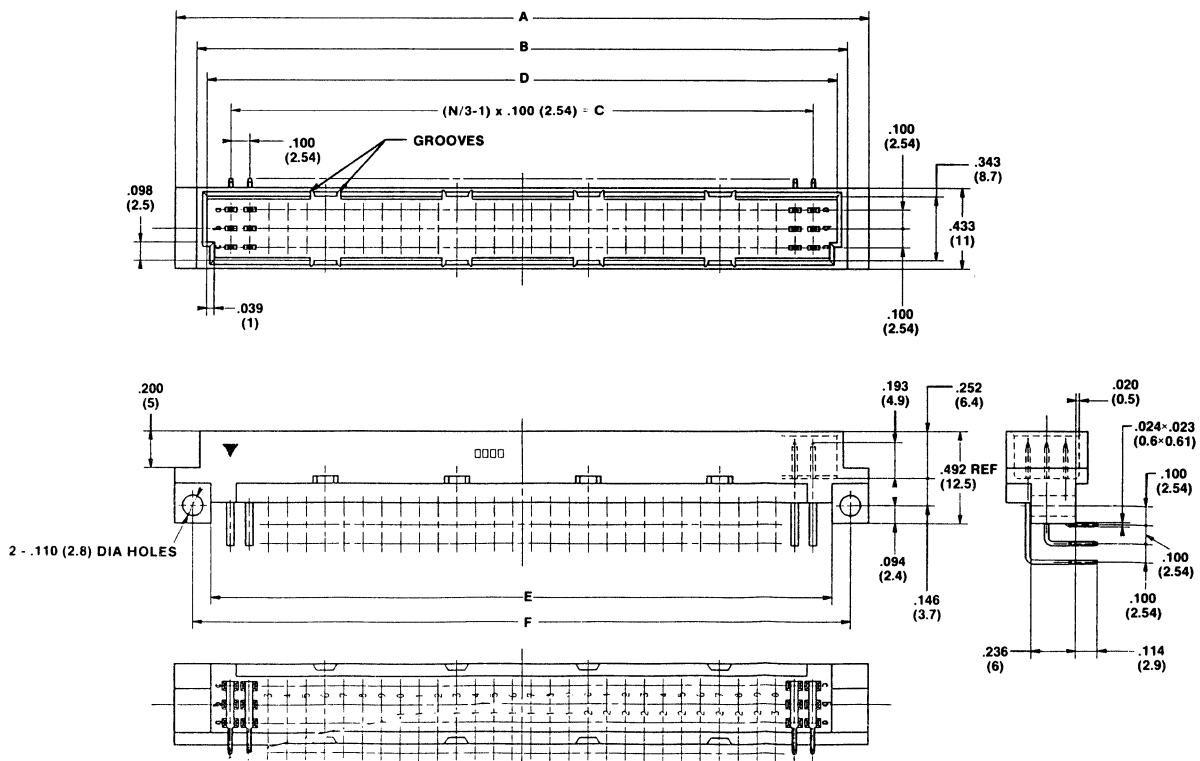
70P7

Continued from previous page



NO. OF PIN	A	B	C
20	27	33	36
28	34	40	43
34	39	45	48
60	61	67	70

71P7

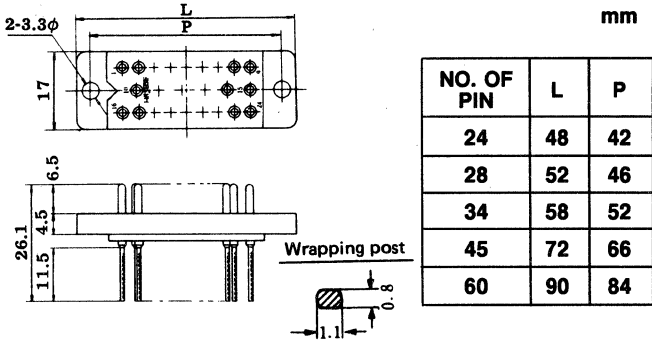


No. of positions (N)	A	B	C	D	E	F	Coding positions
48	2 093 (53.16)	1 865 (47.36)	1 500 (38.10)	1 754 (44.56)	1 705 (43.30)	1 900 (48.26)	5, 12
64	3 693 (93.80)	3 465 (88.00)	3 100 (78.74)	3 354 (85.20)	3 305 (83.94)	3 500 (88.90)	6, 13, 20, 27
96	3 693 (93.80)	3 465 (88.00)	3 100 (78.74)	3 354 (85.20)	3 305 (83.94)	3 500 (88.90)	6, 13, 20, 27

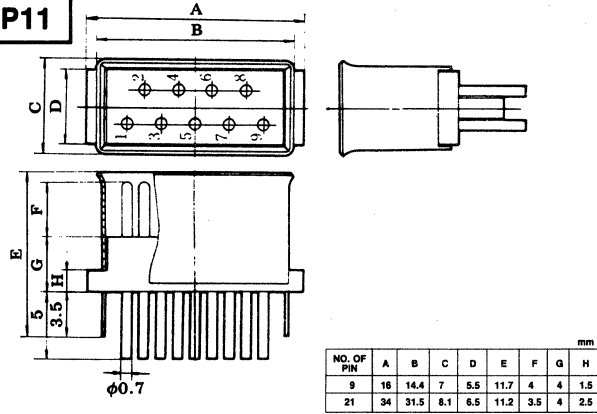
NOTE: In the 64-position type, the center row (i.e., row b in the above figures) is excluded.

OUTLINE DRAWINGS

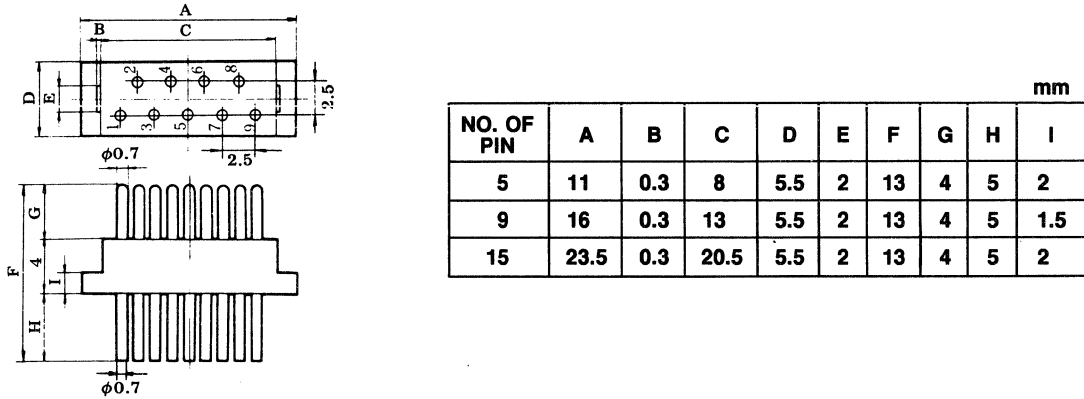
70P8



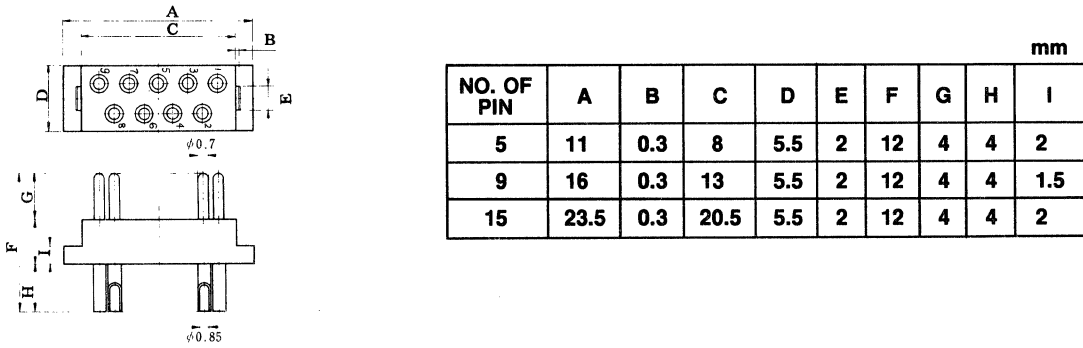
70P11



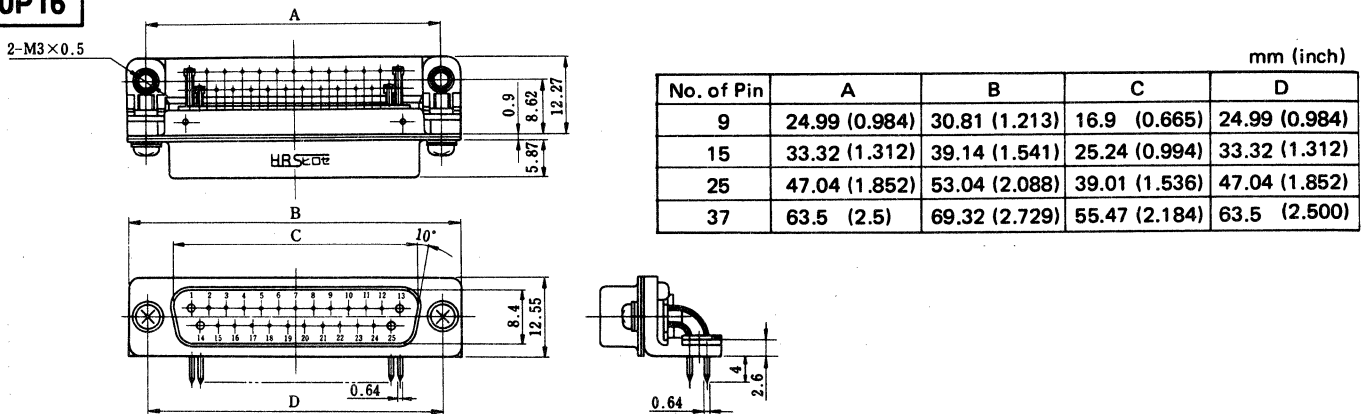
70P9



70P10

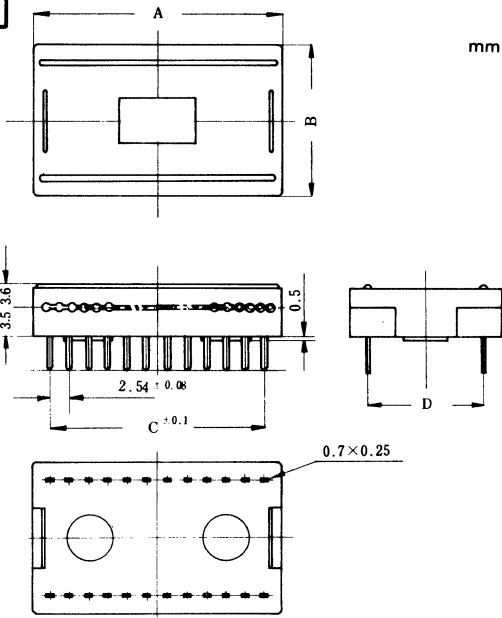


70P16



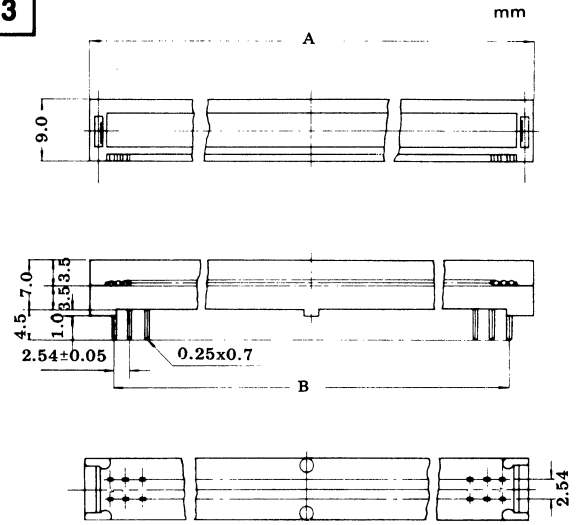
OUTLINE DRAWINGS

70P12



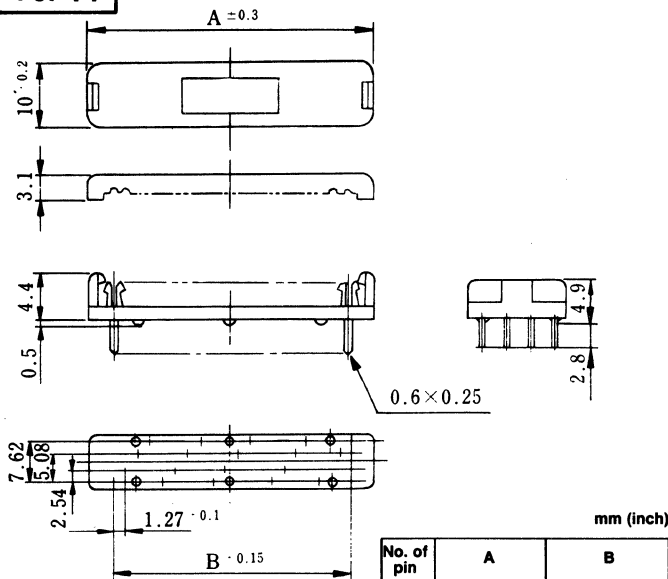
mm (inch)				
No. of pin	A	B	C	D
14	20.70 (.815)	12.50 (.492)	15.24 (.600)	7.62 (.300)
16	22.40 (.882)	12.50 (.492)	17.78 (.700)	7.62 (.300)
24	32.50 (1.280)	20.00 (.787)	27.94 (1.100)	15.24 (.600)
40	52.90 (2.083)	20.00 (.787)	48.26 (1.900)	15.24 (.600)

70P13



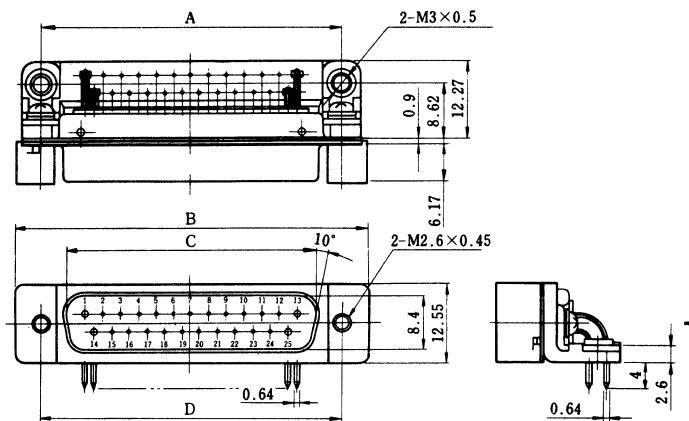
mm (inch)		
No. of pin	A	B
10	19.15 (.754)	10.16 (.400)
20	31.88 (1.255)	22.86 (.900)
26	39.50 (1.555)	30.48 (1.200)
30	44.55 (1.754)	35.56 (1.400)
34	49.66 (1.955)	40.64 (1.600)
40	57.28 (2.255)	48.26 (1.900)
50	69.98 (2.855)	60.96 (2.400)
60	82.65 (3.254)	73.66 (2.900)

70P14



mm (inch)		
No. of pin	A	B
10	17.8 (.701)	11.43 (.450)
16	25.4 (1.000)	19.05 (.750)
20	30.5 (1.201)	24.13 (.950)
26	38.1 (1.500)	31.75 (1.250)
30	43.2 (1.701)	36.83 (1.450)
34	48.3 (1.902)	41.91 (1.650)
40	55.9 (2.201)	49.53 (1.950)
50	68.6 (2.701)	62.23 (2.450)
60	81.3 (3.201)	74.93 (2.950)

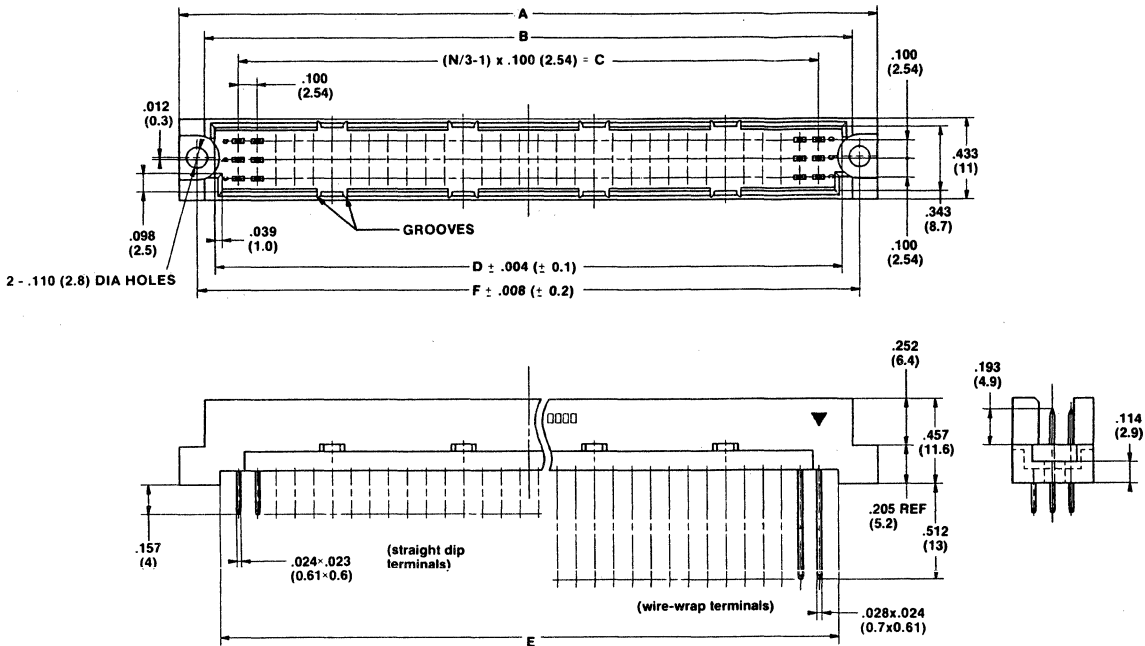
70P17



mm (inch)				
No. of Pin	A	B	C	D
9	24.99 (0.984)	32.81 (1.292)	16.9 (0.665)	24.99 (0.984)
15	33.32 (1.312)	41.14 (1.620)	25.24 (0.994)	33.32 (1.312)
25	47.04 (1.852)	55.04 (2.167)	39.01 (1.536)	47.04 (1.852)
37	63.5 (2.5)	71.32 (2.808)	55.47 (2.184)	63.5 (2.500)

OUTLINE DRAWINGS

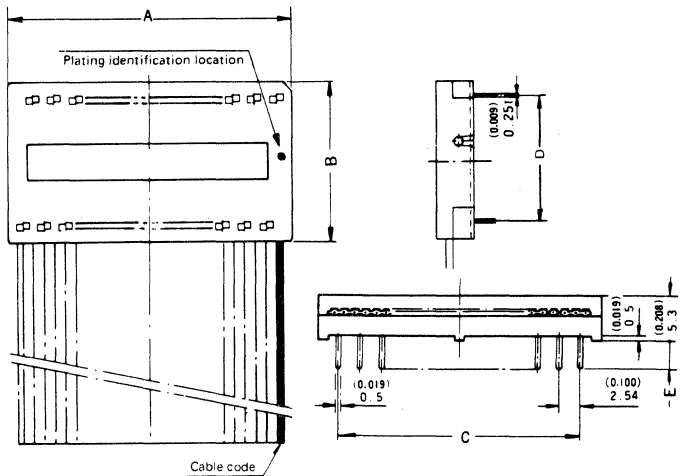
71P8



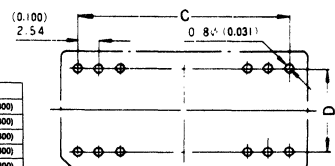
No. of positions (N)	A	B	C	D	E	F	Coding positions
48	2.132 (54.16)	1.865 (47.36)	1.500 (38.10)	1.754 (44.56)	1.705 (43.30)	1.943 (49.36)	5, 12
64	3.732 (94.80)	3.465 (88.00)	3.100 (78.74)	3.354 (85.20)	3.305 (83.94)	3.543 (90.00)	6, 13, 20, 27
96	3.732 (94.80)	3.465 (88.00)	3.100 (78.74)	3.354 (85.20)	3.305 (83.94)	3.543 (90.00)	6, 13, 20, 27

NOTE: In the 64-position type, the center row (i.e., row b in the above figures) is excluded.

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P. C. BOARD HOLE SIZE



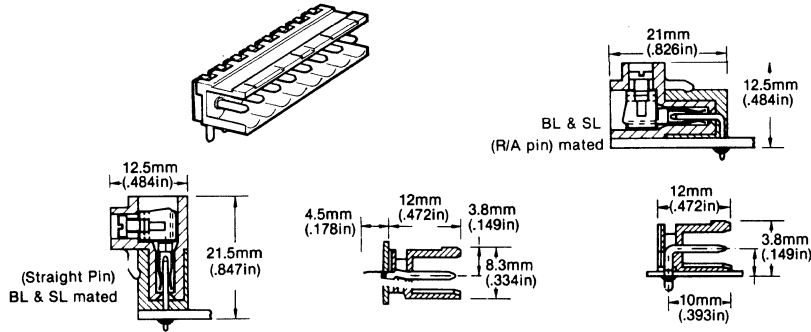
POS	A	B	C	D
14	20.04 (0.789)	11.0 (0.433)	15.24 (0.600)	7.62 (0.300)
16	22.58 (0.889)	11.0 (0.433)	17.78 (0.700)	7.62 (0.300)
18	25.12 (0.989)	11.0 (0.433)	20.32 (0.800)	7.62 (0.300)
20	27.66 (1.089)	14.0 (0.551)	22.86 (0.900)	10.16 (0.400)
22	30.20 (1.212)	14.0 (0.551)	25.40 (1.000)	10.16 (0.400)
24	33.34 (1.312)	19.0 (0.748)	27.94 (1.100)	15.24 (0.600)
26	36.42 (1.512)	19.0 (0.748)	33.02 (1.300)	15.24 (0.600)
32	43.50 (1.712)	19.0 (0.748)	38.10 (1.500)	15.24 (0.600)
36	48.98 (1.928)	19.0 (0.748)	43.18 (1.700)	15.24 (0.600)
40	54.06 (2.128)	19.0 (0.748)	48.26 (1.900)	15.24 (0.600)
42	56.60 (2.228)	19.0 (0.748)	50.80 (2.000)	15.24 (0.600)

*Under Planning

Type No.	E
F G P - 03 1	2.9 (0.114)
F G P - 03 2	4.6 (0.181)

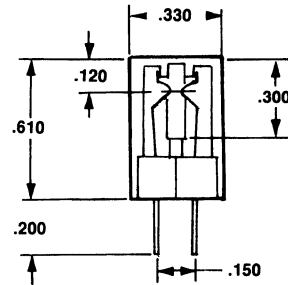
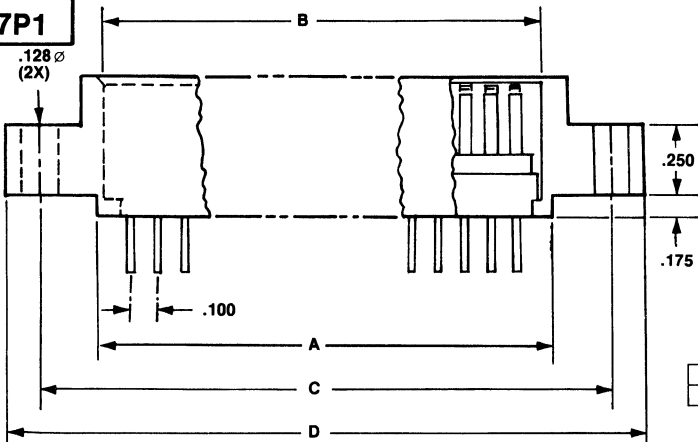
OUTLINE DRAWINGS

72P1



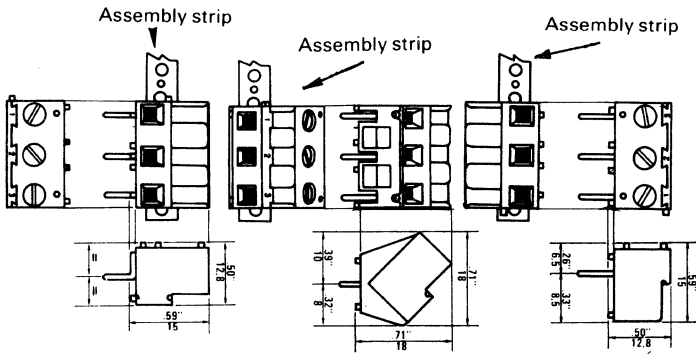
FEMALE TYPE	CAT NO. FOR USE WITH SL	MALE TYPE	VERTICAL CAT NO.	HORIZ. CAT NO.	LENGTH (mm)	(in)
BL2	12591.6	SL2	1113.6	1126.6	10	.39
BL3	12592.6	SL3	1112.6	1125.6	15	.59
BL4	12593.6	SL4	1111.6	1124.6	20	.79
BL5	12594.6	SL5	1110.6	1123.6	25	.98
BL6	12595.6	SL6	1109.6	1122.6	30	1.18
BL7	12596.6	SL7	1108.6	1121.6	35	1.37
BL8	12597.6	SL8	1107.6	1120.6	40	1.57
BL9	12598.6	SL9	1106.6	1119.6	45	1.77
BL10	12599.6	SL10	1105.6	1118.6	50	1.97
BL11	12600.6	SL11	1104.6	1117.6	55	2.16
BL12	12601.6	SL12	1103.6	1116.6	60	2.36
BL13	12602.6	SL13	1102.6	1115.6	65	2.56
BL14	12603.6	SL14	1101.6	1114.6	70	2.76
BL15	12604.6	SL15	6922.6	6923.6	75	2.95

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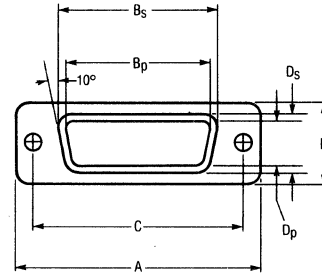
NO. POSITIONS:	A	B	C	D
10	1.15	1.100	1.575	1.85
24	2.55	2.500	2.975	3.25

78P1

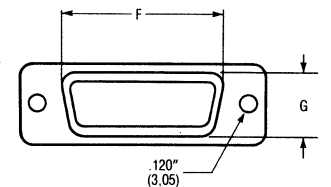


85P1

Face view



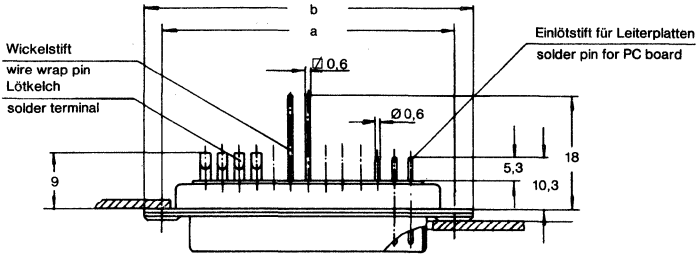
Rear view



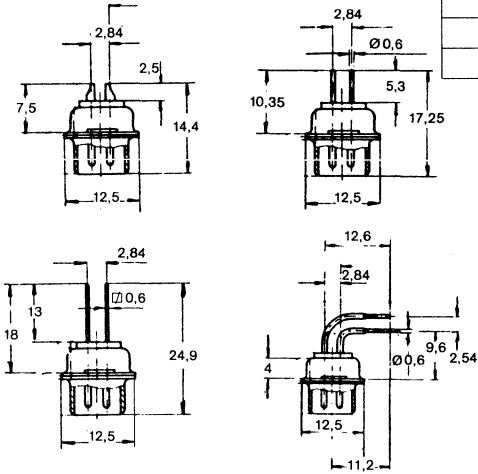
NO. CONTACTS	in.	9 mm	in.	15 mm	in.	25 mm	in.	37 mm	in.	50 mm
DIM. A	1.213"	30,8	1.543"	39,2	2.086"	53,0	2.732"	69,4	2.637"	67,0
Bp (PLUG)	.665"	16,9	.996"	25,3	1.535"	39,0	2.181"	55,4	2.078"	52,8
C	.984"	25,0	1.312"	33,3	1.852"	47,0	2.500"	63,5	2.406"	61,1
Dp (PLUG)	.330"	8,4	.330"	8,4	.330"	8,4	.330"	8,4	.437"	11,1
E	.492"	12,5	.492"	12,5	.492"	12,5	.492"	12,5	.606"	15,4
F	.759"	19,3	1.082"	27,5	1.626"	41,3	2.271"	57,7	2.177"	55,3
G	.421"	10,7	.421"	10,7	.421"	10,7	.421"	10,7	.535"	13,6

OUTLINE DRAWINGS

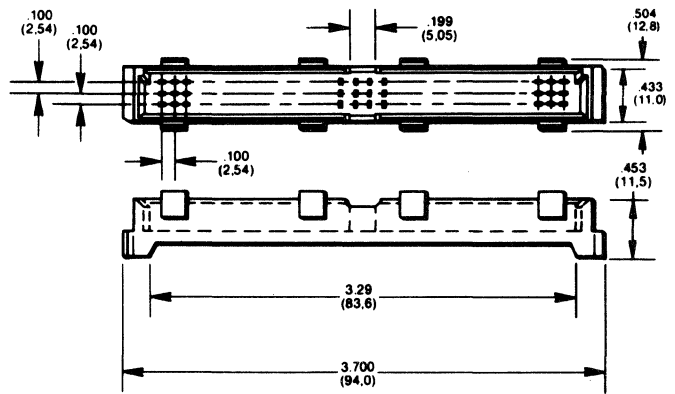
79P6



Polzahl No. of ways	a	b
9	25,0	30,8
15	33,3	39,2
25	47,0	53,0
37	63,5	69,4

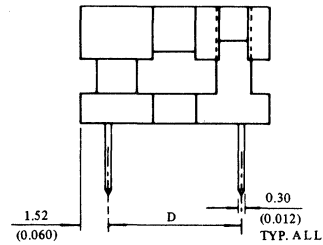
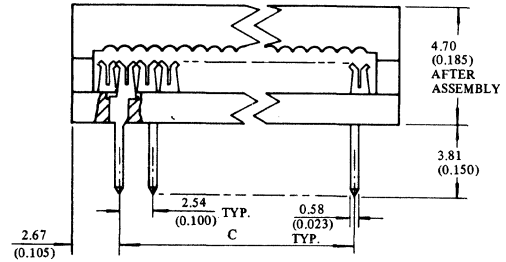
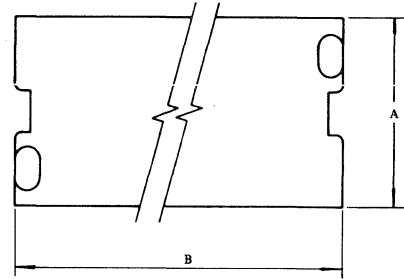


44P3



86P1

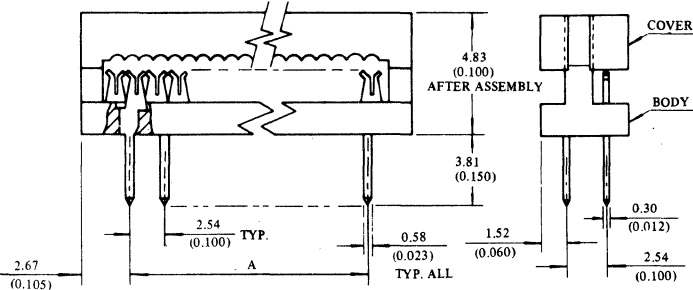
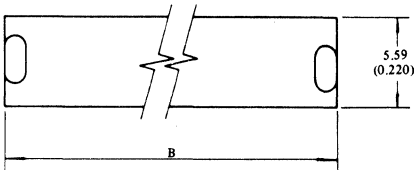
DIMENSIONS



86P2

NO. OF CONTACTS	DIM. A	DIM. B
10	10.16 (0.400)	15.49 (0.610)
14	15.24 (0.600)	20.57 (0.810)
16	17.78 (0.700)	23.11 (0.910)
20	22.86 (0.900)	28.19 (1.110)
26	30.48 (1.200)	35.81 (1.410)
34	40.64 (1.600)	45.97 (1.810)
40	48.26 (1.900)	53.59 (2.110)
50	60.96 (2.400)	66.29 (2.610)
60	73.66 (2.900)	78.99 (3.110)

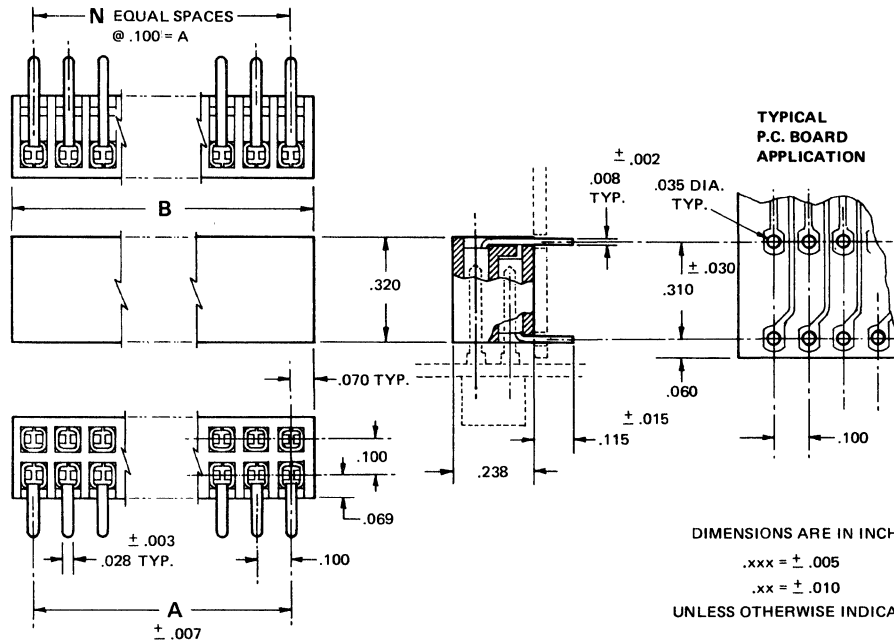
DIMENSIONS



NO. OF CONTACTS	DIM. A	DIM. B	DIM. C	DIM. D
14	10.67 (0.42)	20.57 (0.81)	15.24 (0.60)	7.62 (0.30)
16	10.67 (0.42)	23.11 (0.91)	17.78 (0.70)	7.62 (0.30)
24	18.29 (0.72)	33.27 (1.31)	27.94 (1.10)	15.24 (0.60)
28	23.37 (0.92)	38.35 (1.51)	33.02 (1.30)	20.32 (0.80)
40	38.61 (1.52)	53.59 (2.11)	48.26 (1.90)	35.56 (1.40)

OUTLINE DRAWINGS

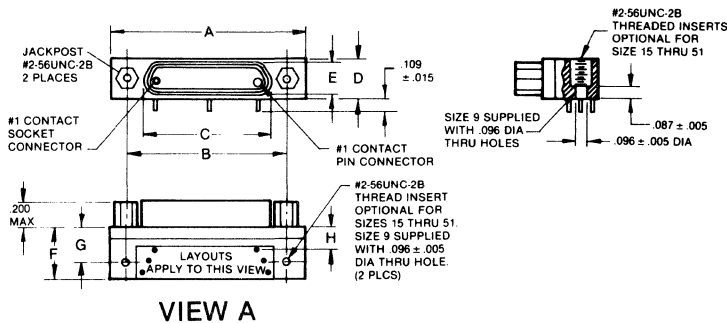
80P1



NO. OF CONTACTS	A	B	N EQUAL SPACES
10	.400	.540	4
20	.900	1.040	9
22	1.000	1.140	10
24	1.100	1.240	11
26	1.200	1.340	12
28	1.300	1.440	13
30	1.400	1.540	14
32	1.500	1.640	15
34	1.600	1.740	16
36	1.700	1.840	17
38	1.800	1.940	18
40	1.900	2.040	19
42	2.000	2.140	20
44	2.100	2.240	21
46	2.200	2.340	22
48	2.300	2.440	23
50	2.400	2.540	24
52	2.500	2.640	25
54	2.600	2.740	26
56	2.700	2.840	27
58	2.800	2.940	28
60	2.900	3.040	29
62	3.000	3.140	30
64	3.100	3.240	31
66	3.200	3.340	32
68	3.300	3.440	33
70	3.400	3.540	34
72	3.500	3.640	35
74	3.600	3.740	36

NO. OF CONTACTS	A	B	N EQUAL SPACES
76	3.700	3.840	37
78	3.800	3.940	38
80	3.900	4.040	39
82	4.000	4.140	40
84	4.100	4.240	41
86	4.200	4.340	42
88	4.300	4.440	43
90	4.400	4.540	44
92	4.500	4.640	45
94	4.600	4.740	46
96	4.700	4.840	47
98	4.800	4.940	48
100	4.900	5.040	49
102	5.000	5.140	50
104	5.100	5.240	51
106	5.200	5.340	52
108	5.300	5.440	53
110	5.400	5.540	54
112	5.500	5.640	55
114	5.600	5.740	56
116	5.700	5.840	57
118	5.800	5.940	58
120	5.900	6.040	59
122	6.000	6.140	60
124	6.100	6.240	61
126	6.200	6.340	62
128	6.300	6.440	63
130	6.400	6.540	64

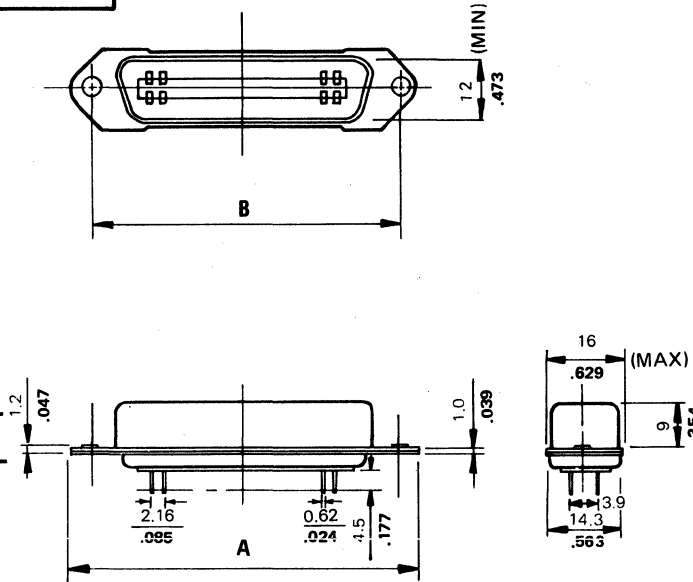
87P4



NUMBER	A MAX	B ± .005	C MAX	D MAX	E MAX	F MAX	G ± .015	H REF
-9	.785	.565		.310	.185	.400	.230	.210
-15	.935	.715		.310	.185	.480	.330	.210
-21	1.085	.865		.310	.185	.480	.330	.210
-25	1.185	.965		.310	.185	.480	.330	.210
-31	1.335	1.115		.310	.185	.600	.330	.210
-37	1.485	1.265		.310	.185	.600	.330	.210
-51	1.435	1.215		.355	.230	.710	.360	.210

OUTLINE DRAWINGS

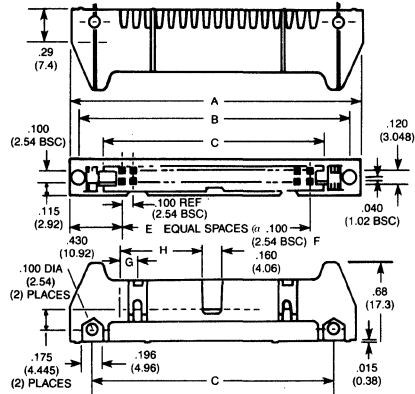
84P1



Tolerance: $\pm 0.25\text{mm}$
 $\pm 0.1\text{inch}$

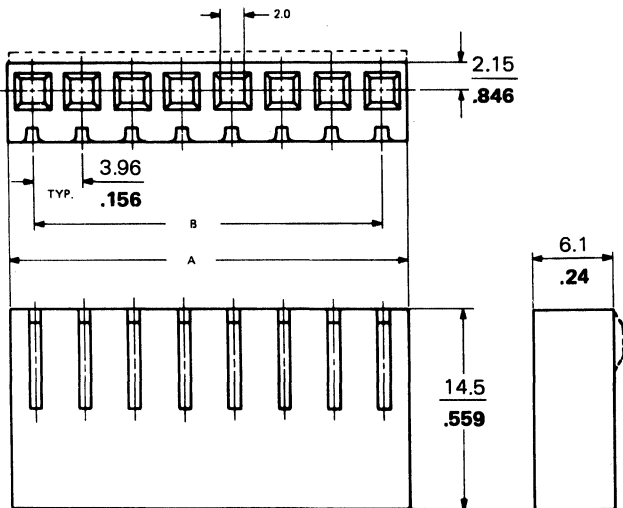
No.	A	B
36	67.7 2.665	59.7 2.350
50	82.8 3.260	74.9 2.949

88P1



NO. OF POSITIONS	DIMENSIONS					
	A	B	C	D	E	F
10	1.260 (32.00)	1.100 (27.90)	.860 (21.84)	.7050 (17.91)	4	.4000 (10.16)
14	1.460 (37.10)	1.300 (33.00)	1.060 (26.92)	.9050 (22.99)	6	.6000 (15.24)
16	1.560 (39.60)	1.400 (35.60)	1.160 (29.46)	1.005 (25.53)	7	.7000 (17.78)
20	1.780 (44.70)	1.600 (40.60)	1.360 (34.54)	1.205 (30.61)	9	.9000 (22.86)
26	2.060 (52.30)	1.900 (48.30)	1.660 (42.16)	1.505 (38.23)	12	1.200 (30.48)
34	2.460 (62.50)	2.300 (58.40)	2.060 (52.32)	1.905 (48.39)	16	1.600 (40.64)
40	2.780 (70.10)	2.600 (66.00)	2.360 (59.94)	2.205 (56.01)	19	1.900 (48.26)
50	3.260 (82.80)	3.100 (78.70)	2.860 (72.64)	2.705 (68.71)	24	2.400 (60.96)
60	3.780 (95.50)	3.600 (91.40)	3.360 (85.34)	3.205 (81.41)	29	2.900 (73.66)
64	3.960 (100.58)	3.800 (96.52)	3.560 (90.42)	3.405 (86.49)	31	3.100 (78.74)

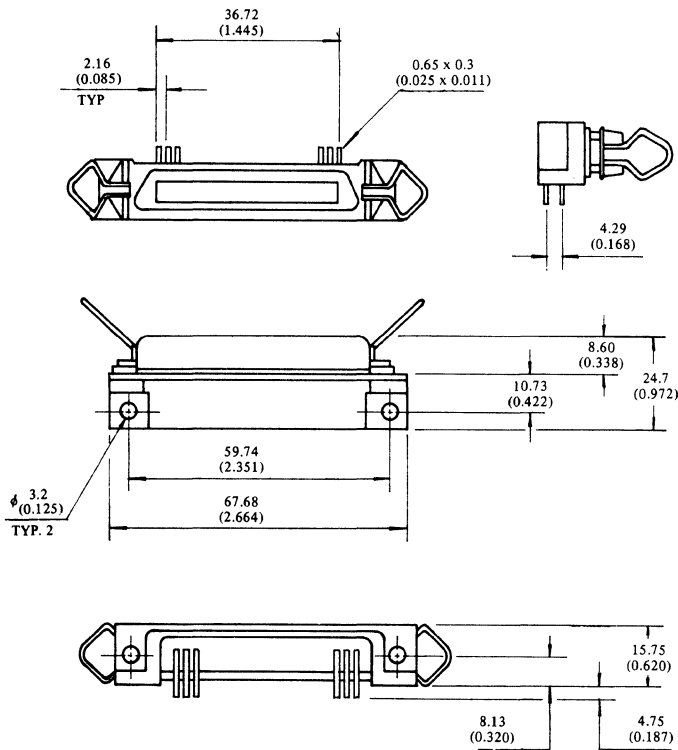
84P3



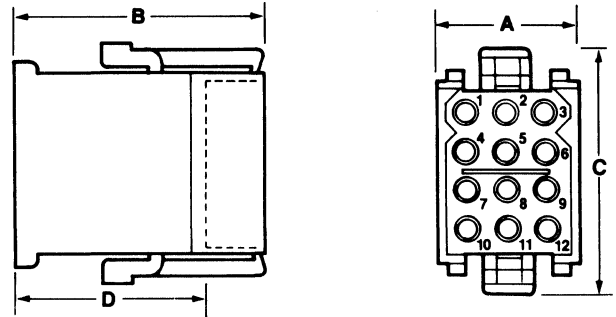
Position	Dimension	
	A	B
2	8.92 .351	3.96 .156
3	12.88 .507	7.92 .312
4	16.84 .663	11.88 .468
5	20.80 .819	15.84 .624
6	24.76 .975	19.80 .780
7	28.72 1.130	23.76 .935
8	32.68 1.287	27.72 1.091
9	36.64 1.443	31.68 1.247
10	40.60 1.598	35.64 1.403
11	44.56 1.754	39.60 1.599
12	48.52 1.910	43.56 1.735
13	52.47 2.066	47.52 1.870
14	56.44 2.222	51.48 2.027
15	60.40 2.378	55.44 2.182
16	64.36 2.534	59.40 2.339
17	68.32 2.690	63.36 2.495
18	72.28 2.846	67.32 2.650
19	76.24 3.002	71.28 2.806
20	80.20 3.158	75.24 2.962

OUTLINE DRAWINGS

86P3

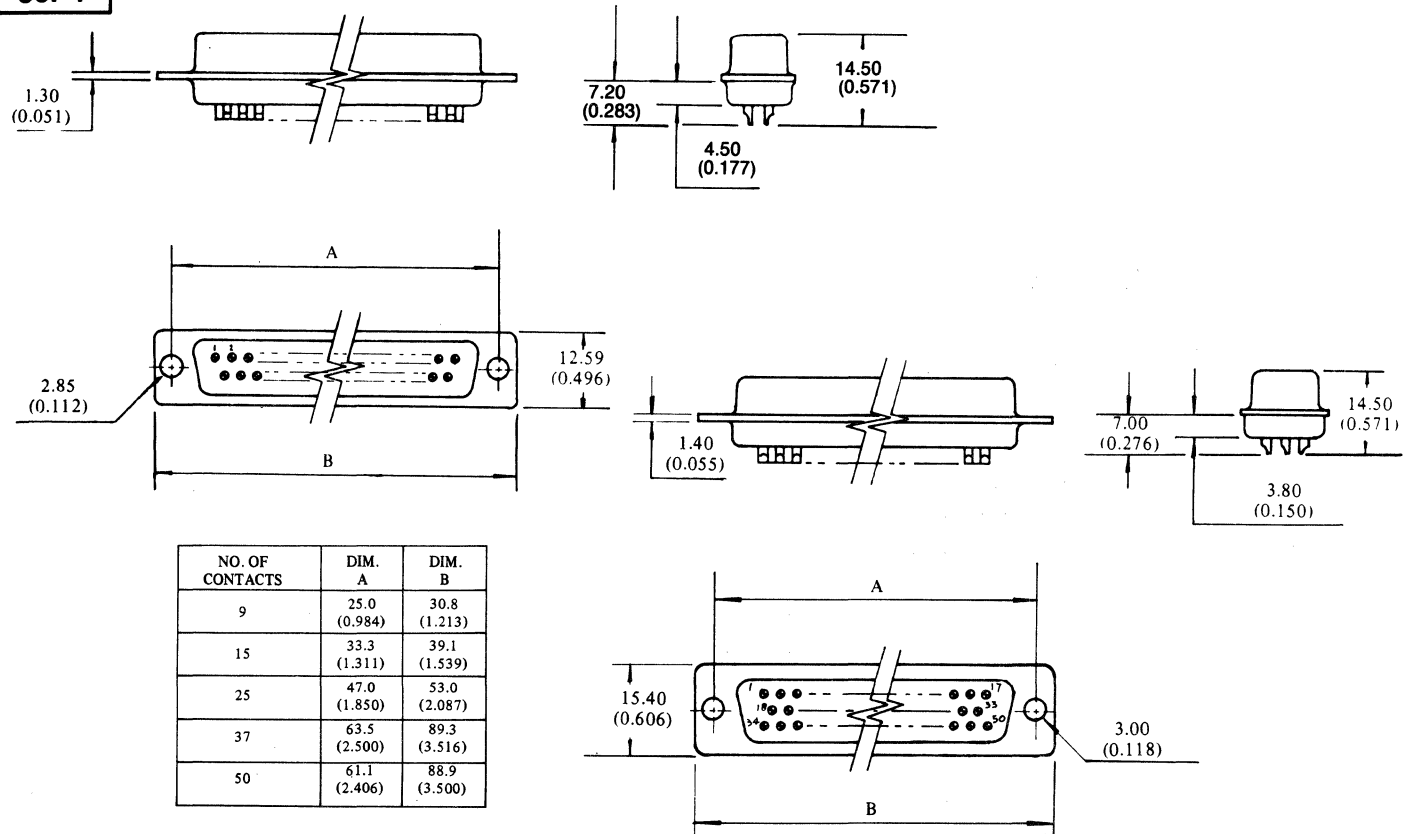


36P1



No. of ways	Dimensions mm (max)				Old order code
	A	B	C	D	New order Code
2	15,0	33,0	18,0	25,0	TST02PA00-1
					229-90035K
3	19,0	33,0	17,0	25,0	TST03PA00-1
					229-23592A
4	24,0	33,0	18,0	25,0	TST04PA00-1
					229-90037D
6	19,0	33,0	22,0	25,0	TST06PA00-1
					229-23593J
12	19,0	33,0	32,0	25,0	TST12PA00-1
					229-23594F
24	24,0	33,0	42,0	25,0	TST24PA00-1
					229-23595C
36	49,5	33,0	32,0	25,0	TST36PA00-1
					229-23596L

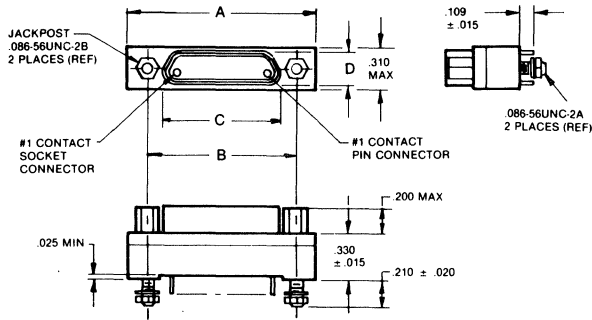
86P4



NO. OF CONTACTS	DIM. A	DIM. B
9	25.0 (0.984)	30.8 (1.213)
15	33.3 (1.311)	39.1 (1.539)
25	47.0 (1.850)	53.0 (2.087)
37	63.5 (2.500)	89.3 (3.516)
50	61.1 (2.406)	88.9 (3.500)

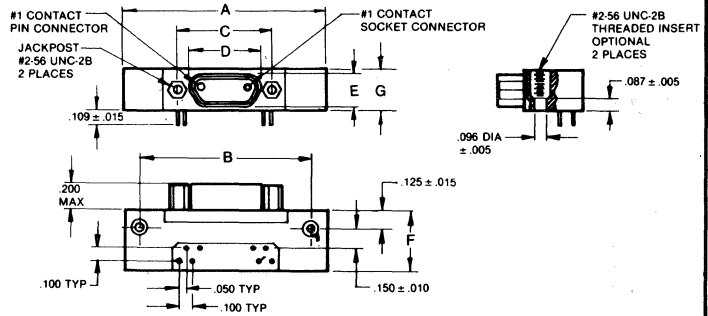
OUTLINE DRAWINGS

87P2



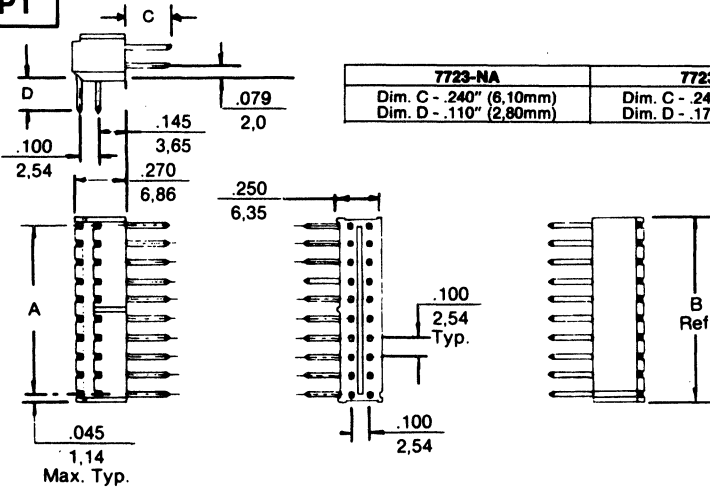
NUMBER	A MAX	B ± .005	C MAX	D MAX
-9	.785	.565		
-15	.935	.715		
-21	1.085	.865		
-25	1.185	.965		
-31	1.335	1.115		
-37	1.485	1.265		

87P3



NUMBER	A MAX	B ± .007	C ± .005	D MAX	E MAX	F MAX	G MAX
-9	1.390	1.150	.565		.185	.455	.310
-15	1.540	1.300	.715		.185	.455	.310
-21	1.690	1.450	.865		.185	.455	.310
-25	1.790	1.550	.965		.185	.455	.310
-31	2.040	1.800	1.115		.185	.455	.310
-37	2.340	2.100	1.265		.185	.455	.310
-51	1.875	1.600	1.215		.230	.565	.355

38P1

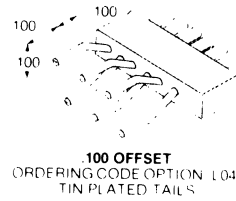
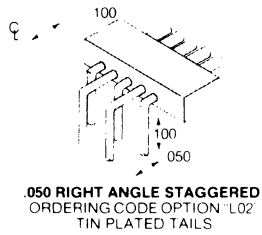
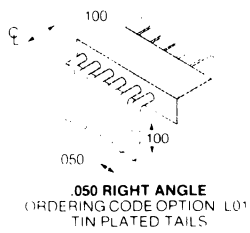


7723-NA	7723-NB	7723-NC	7723-ND
Dim. C - .240" (6,10mm) Dim. D - .110" (2,80mm)	Dim. C - .240" (6,10mm) Dim. D - .175" (4,45mm)	Dim. C - .320" (8,13mm) Dim. D - .110" (2,80mm)	Dim. C - .320" (8,13mm) Dim. D - .175" (4,45mm)

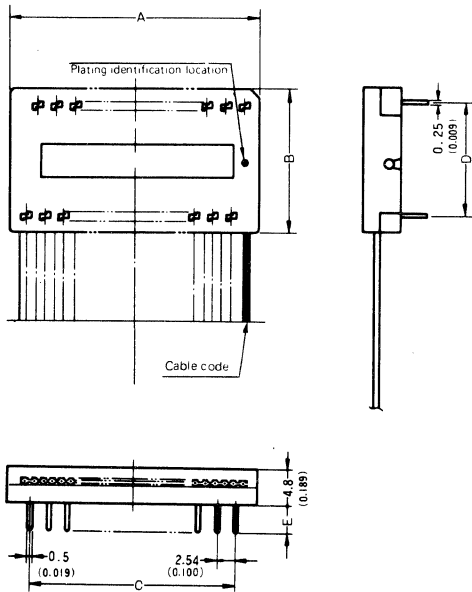
Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
4	.100 2,54	.190 4,83	24	1.100 27,94	1.190 30,23	44	2.100 53,34	2.190 55,63	64	3.100 78,74	3.190 81,03
6	.200 5,08	.290 7,37	26	1.200 30,48	1.290 32,77	46	2.200 55,88	2.290 58,17	66	3.200 81,28	3.290 83,57
8	.300 7,62	.390 9,91	28	1.300 33,02	1.390 35,31	48	2.300 58,42	2.390 60,71	68	3.300 83,82	3.390 86,11
10	.400 10,16	.490 12,45	30	1.400 35,56	1.490 37,85	50	2.400 60,96	2.490 63,25	70	3.400 86,36	3.490 88,65
12	.500 12,70	.590 14,99	32	1.500 38,10	1.590 40,39	52	2.500 63,50	2.590 65,79	72	3.500 88,90	3.590 91,19
14	.600 15,24	.690 17,53	34	1.600 40,64	1.690 42,93	54	2.600 66,04	2.690 68,33	74	3.600 91,44	3.690 93,73
16	.700 17,78	.790 20,07	36	1.700 43,18	1.790 45,47	56	2.700 68,58	2.790 70,87	76	3.700 93,98	3.790 96,27
18	.800 20,32	.890 22,61	38	1.800 45,72	1.890 48,01	58	2.800 71,12	2.890 73,41	78	3.800 96,52	3.890 98,81
20	.900 22,86	.990 25,15	40	1.900 48,26	1.990 50,55	60	2.900 73,66	2.990 75,95	80	3.900 100,58	3.990 101,35
22	1.000 25,40	1.090 27,69	42	2.000 50,80	2.090 53,09	62	3.000 76,20	3.090 78,49			

OUTLINE DRAWINGS

121P10

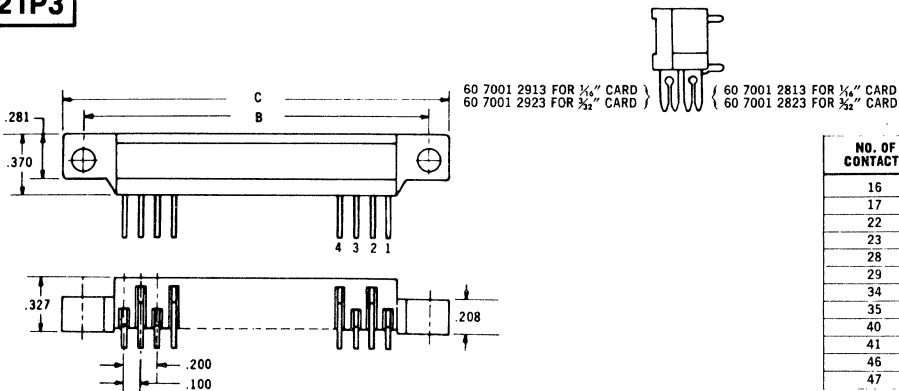


97P1



POS	A	B	C	D
14	20.0 (0.787)	11.0 (0.433)	15.24 (0.600)	7.62 (0.300)
16	22.5 (0.885)	11.0 (0.433)	17.78 (0.700)	7.62 (0.300)
20	27.6 (1.086)	14.0 (0.551)	22.86 (0.900)	10.16 (0.400)
24	33.5 (1.318)	19.0 (0.748)	27.94 (1.100)	15.24 (0.600)
28	38.6 (1.519)	19.0 (0.748)	33.02 (1.300)	15.24 (0.600)
40	54.0 (2.126)	19.0 (0.748)	48.26 (1.900)	15.24 (0.600)
42	56.5 (2.224)	19.0 (0.748)	50.80 (2.000)	15.24 (0.600)

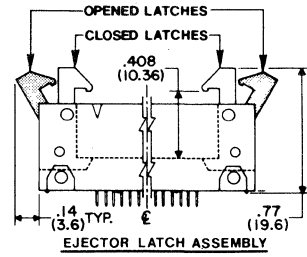
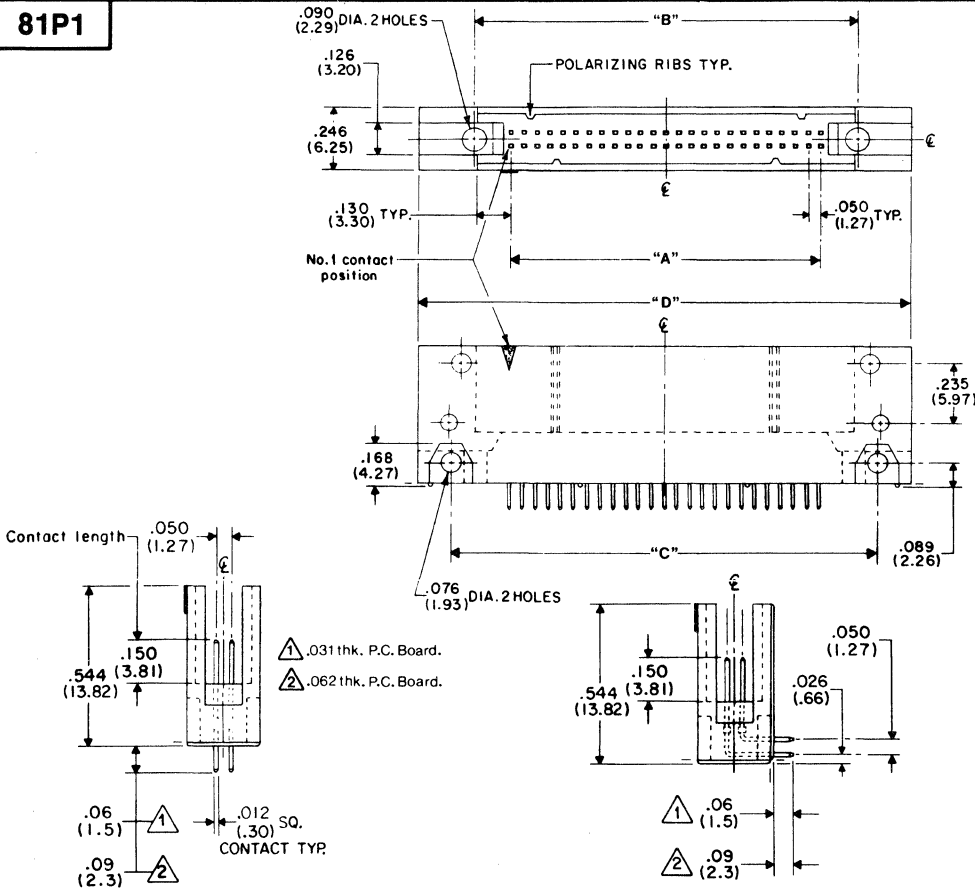
121P3



NO. OF CONTACTS	B	C	H	H'
16	2.100	2.370	—	1.500
17	2.100	2.370	1.600	—
22	2.700	2.970	—	2.100
23	2.700	2.970	2.200	—
28	3.300	3.570	—	2.700
29	3.300	3.570	2.800	—
34	3.900	4.170	—	3.300
35	3.900	4.170	3.400	—
40	4.500	4.770	—	3.900
41	4.500	4.770	4.000	—
46	5.100	5.370	—	4.500
47	5.100	5.370	4.600	—

OUTLINE DRAWINGS

81P1



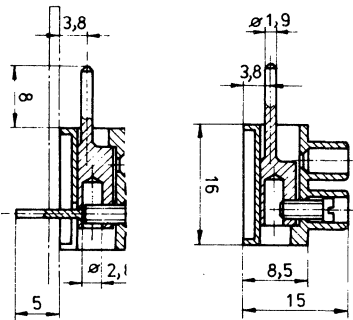
HEADER DIMENSIONS

No. Confs.	"A"	"B"	"C"	"D"
50	1.200	1.451	1.678	1.904

NOTES:

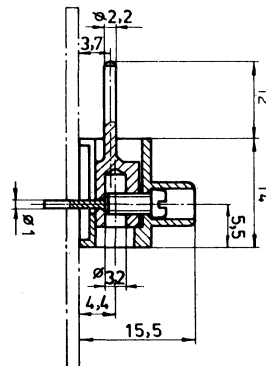
1. Dimensions are in inches, dimensions in () are in millimeters.
2. Unless otherwise specified, tolerances are $\pm .005$ (.13) for three place decimals and $\pm .01$ (.3) for two place decimals.

96P2



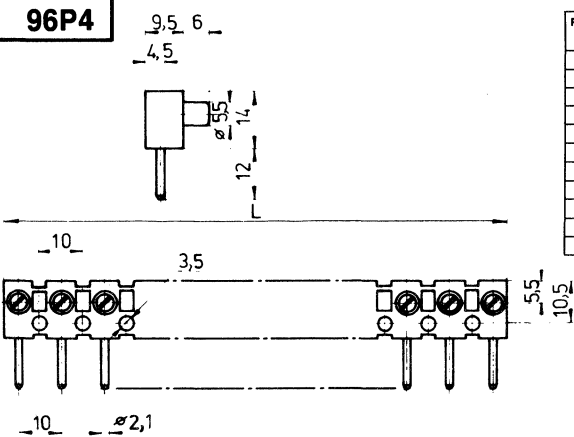
POLES	LENGTH	
	mm	in
2	15	.59
3	23	.91
4	31	1.22
5	39	1.54
6	47	1.85
7	55	2.17
8	63	2.48
9	71	2.80
10	79	3.11
11	87	3.43
12	94	3.70

96P3

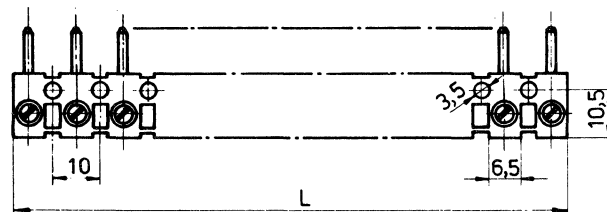


POLES	LENGTH	
	mm	in
2	18	.71
3	28	1.10
4	38	1.50
5	48	1.89
6	58	2.28
7	68	2.68
8	78	3.07
9	88	3.46
10	98	3.86
11	108	4.25
12	117	4.61

96P4

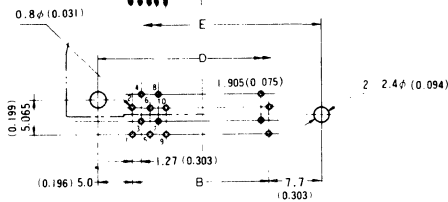
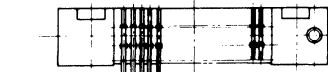
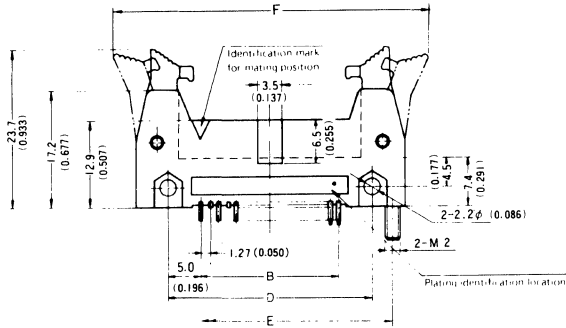
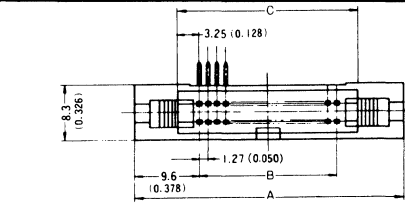


POLES	LENGTH	
	mm	in
2	18	.71
3	28	1.10
4	38	1.50
5	48	1.89
6	58	2.28
7	68	2.68
8	78	3.07
9	88	3.46
10	98	3.86
11	108	4.25
12	117	4.61

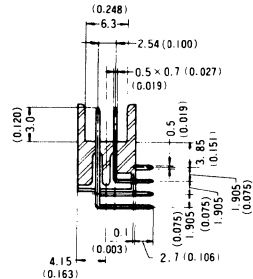


OUTLINE DRAWINGS

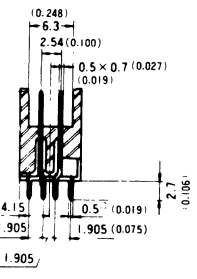
97P4



P.C. BOARD HOLE SIZE



97P4a

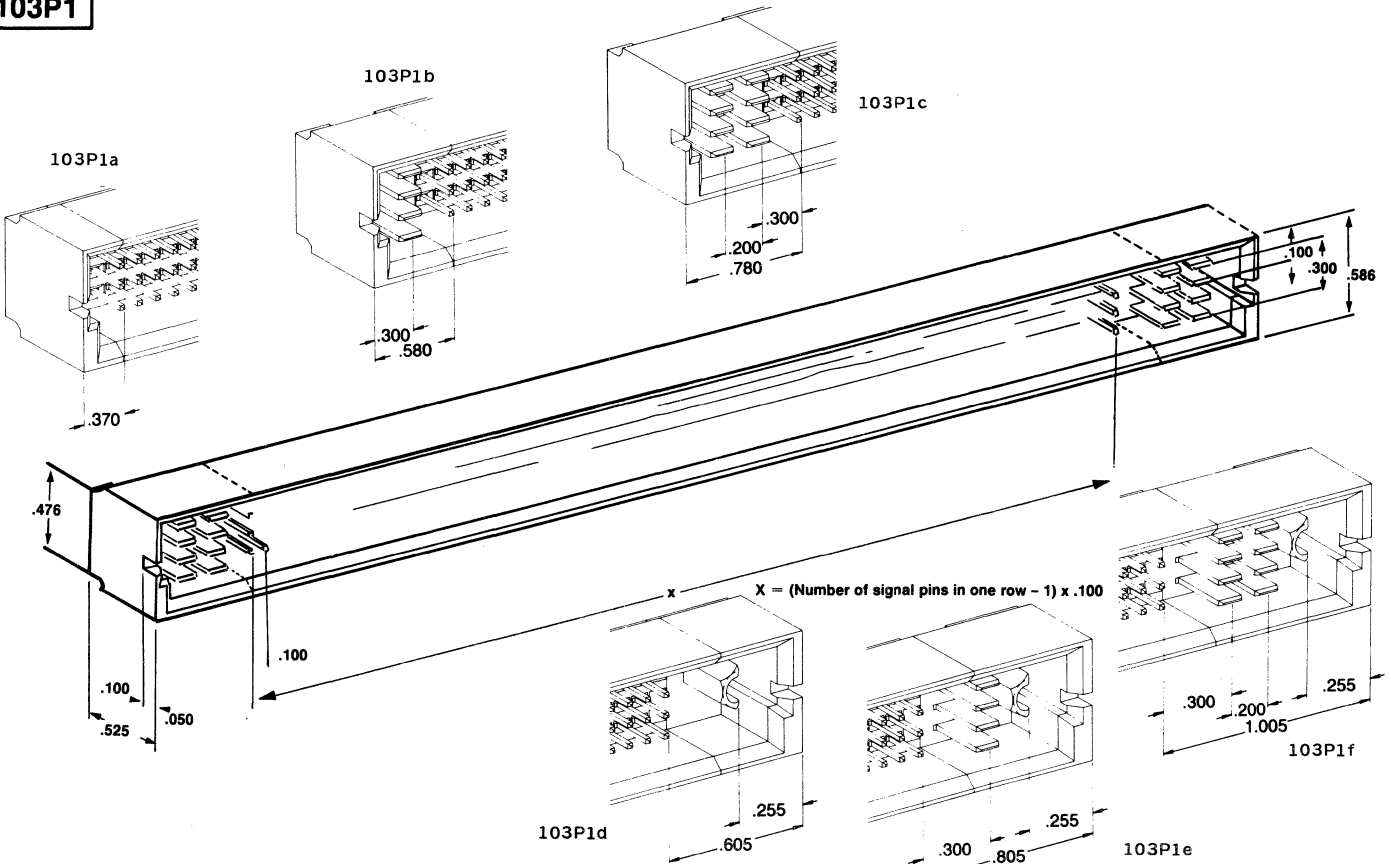


97P4b

POS	A	B	C	D	E	F
10	24.28 (0.955)	5.08 (0.200)	11.58 (0.455)	15.08 (0.593)	20.48 (0.806)	38.2 (1.503)
16	28.09 (1.105)	8.89 (0.350)	15.39 (0.605)	18.89 (0.743)	24.29 (0.956)	42.0 (1.653)
20	30.63 (1.205)	11.43 (0.450)	17.93 (0.705)	21.43 (0.843)	26.83 (1.056)	44.6 (1.755)
26	34.44 (1.355)	15.24 (0.600)	21.74 (0.855)	25.24 (0.993)	30.64 (1.206)	48.4 (1.905)
30	36.98 (1.455)	17.78 (0.700)	24.28 (0.955)	27.78 (1.093)	33.18 (1.306)	50.9 (2.003)
34	39.52 (1.555)	20.32 (0.800)	26.82 (1.055)	30.32 (1.193)	35.72 (1.406)	53.5 (2.106)
40	43.33 (1.705)	24.13 (0.950)	30.63 (1.205)	34.13 (1.343)	39.53 (1.556)	57.3 (2.255)
50	49.68 (1.955)	30.48 (1.200)	36.98 (1.455)	40.48 (1.593)	45.88 (1.806)	63.6 (2.503)
60	56.03 (2.205)	36.83 (1.450)	43.33 (1.705)	46.83 (1.843)	52.23 (2.056)	70.0 (2.755)
64	58.57 (2.305)	39.37 (1.550)	45.87 (1.805)	49.37 (1.943)	54.77 (2.156)	72.5 (2.854)
80	68.73 (2.705)	49.53 (1.950)	56.03 (2.205)	59.53 (2.343)	64.93 (2.556)	82.7 (3.255)

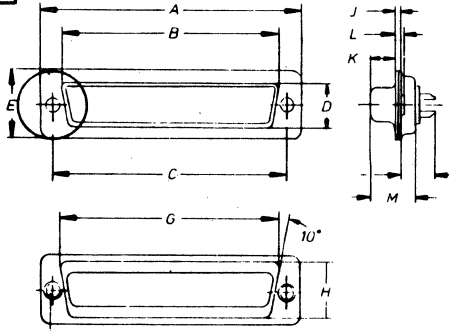
*Under Planning

103P1



OUTLINE DRAWINGS

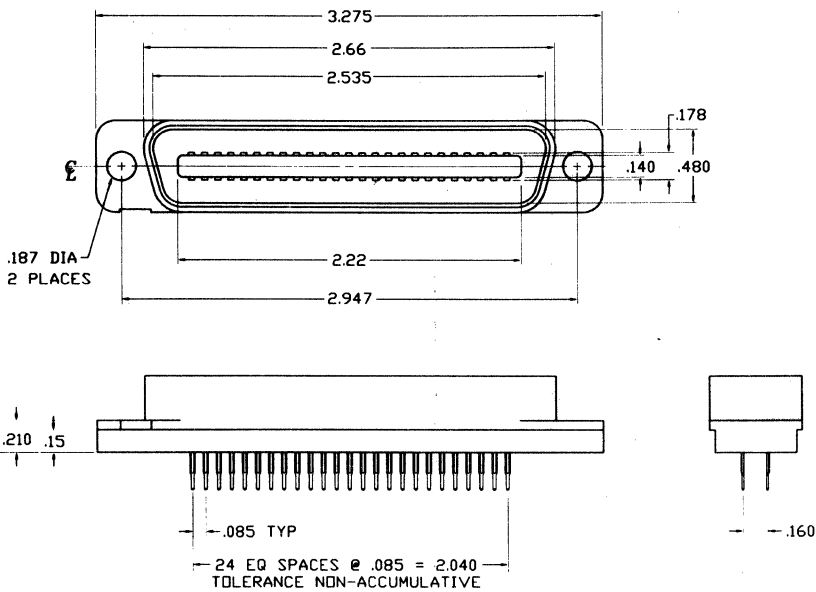
99P1



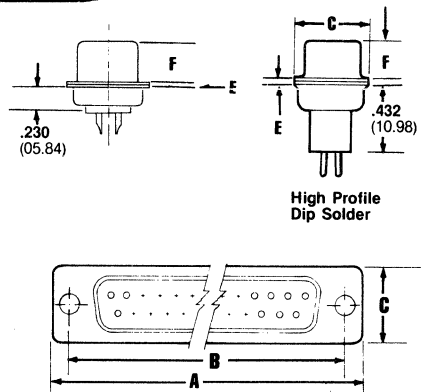
A	B	C	D	E	G	H	J	K	L	M	N
± 0,4 ± .016	± 0,3 ± .012	± 0,2 ± .008	± 0,3 ± .012	± 0,4 ± .016	± 0,3 ± .012	± 0,3 ± .012	± 0,3 ± .012	± 0,3 ± .012	± 0,3 ± .012	± 0,3 ± .012	± 0,3 ± .012
30,8 1.213	17,7 .697	25,0 .984	9,1 .358	12,5 .492	19,3 .76	10,7 .421	0,8 .031	6,0 .236	1,1 .043	10,7 .421	3,0 .118
39,1 1.539	26,0 1.024	33,3 1.311	9,1 .358	12,5 .492	27,5 1.083	10,7 .421	0,8 .031	6,0 .236	1,1 .043	10,7 .421	3,0 .118
53,0 2.087	39,1 1.538	47,0 1.850	9,6 .358	12,5 .492	41,3 1.626	10,7 .421	1,0 .039	5,9 .232	1,5 .059	10,8 .425	3,3 .130
69,3 2.728	56,7 2.232	63,5 2.500	9,6 .358	12,5 .492	57,7 2.272	10,7 .421	1,0 .039	5,9 .232	1,5 .059	10,8 .425	3,3 .130
66,9 2.634	54,0 2.126	61,1 2.406	12,3 .484	15,4 .606	55,3 2.177	13,6 .535	1,0 .039	5,9 .232	1,5 .059	10,8 .425	3,3 .130

two holes
3.05mm ± 0.13 (120" ± .005")

103P2

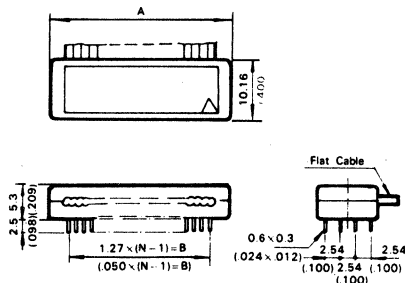


55P1



CONNECTOR SIZE	A	B	C	D	E	F
9	1.213 30.81	.984 24.99	.494 12.55	.432 10.87	.030 0.76	.243 6.17
15	1.541 39.14	1.312 33.32	.494 12.55	.756 19.20	.030 0.76	.243 6.17
25	2.088 53.04	1.852 47.04	.494 12.55	1.304 33.12	.039 0.76	.243 0.99
37	2.729 69.32	2.500 63.50	.494 12.55	1.956 49.68	.039 0.76	.243 0.99
50	2.635 66.93	2.406 61.11	.605 15.37	1.74 44.20	.039 0.76	.243 0.99

34P7

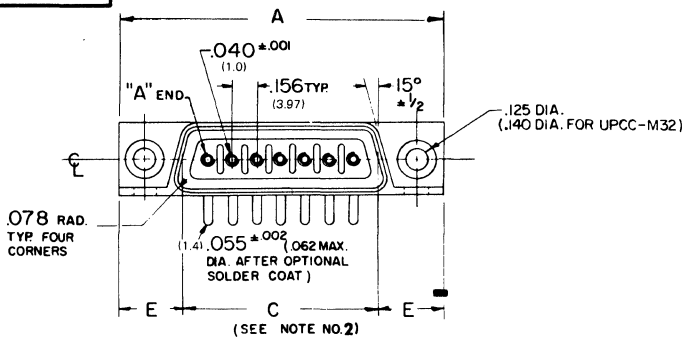


Unit: mm (in.)

No. of Contacts	Dimensions	
	A	B
10	17.78 (.700)	11.43 (.450)
14	22.86 (0.900)	16.51 (0.650)
16	25.40 (1.000)	19.05 (.750)
20	30.48 (1.200)	24.13 (.950)
26	38.10 (1.500)	31.75 (1.250)
30	43.18 (1.826)	36.83 (1.450)
34	48.26 (1.900)	41.91 (1.650)
40	55.88 (2.200)	49.53 (1.950)
50	68.58 (2.700)	62.23 (2.450)
60	81.28 (3.200)	74.93 (2.950)

OUTLINE DRAWINGS

112P1

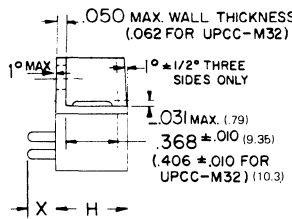
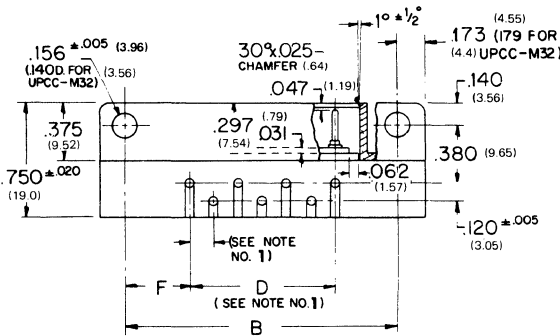


POS.	DIMENSIONS								THICKNESS OF PRINTED BOARD
	A REF.	B ±.010	C ±.005	D NOM.	E ±.010	F REF.	H	X ±.015 - .000	
7	2.097 (53.3)	1.751 (44.5)	1.260 (32.0)	.936 (23.8)	.419 (10.6)	.408 (10.4)	.468 (11.9)	.125 (3.18)	1/16 (1.59)
								.188 (4.78)	1/8 (3.18)
								.312 (7.92)	1/4 (6.35)
11	2.721 (69.1)	2.375 (60.3)	1.884 (47.9)	1.560 (39.6)	.419 (10.6)	.408 (10.4)	.468 (11.9)	.125 (3.18)	1/16 (1.59)
								.188 (4.78)	1/8 (3.18)
								.312 (7.92)	1/4 (6.35)
15	3.346 (86.1)	3.000 (76.2)	2.509 (63.7)	2.184 (55.5)	.419 (10.6)	.408 (10.4)	.468 (11.9)	.125 (3.18)	1/16 (1.59)
								.188 (4.78)	1/8 (3.18)
								.312 (7.92)	1/4 (6.35)
19	3.971 (100.9)	3.625 (92.1)	3.134 (79.6)	2.808 (71.3)	.419 (10.6)	.408 (10.4)	.468 (11.9)	.125 (3.18)	1/16 (1.59)
								.188 (4.78)	1/8 (3.18)
								.312 (7.92)	1/4 (6.35)
23	4.596 (116.7)	4.250 (108.0)	3.759 (95.5)	3.432 (87.2)	.419 (10.6)	.408 (10.4)	.468 (11.9)	.125 (3.18)	1/16 (1.59)
								.188 (4.78)	1/8 (3.18)
								.312 (7.92)	1/4 (6.35)
32	6.093 (154.8)	5.734 (145.6)	5.211 (132.4)	4.836 (122.8)	.441 (11.2)	.449 (11.4)	.531 (13.5)	.188 (4.78)	1/8 (3.18)
								.312 (7.92)	1/4 (6.35)

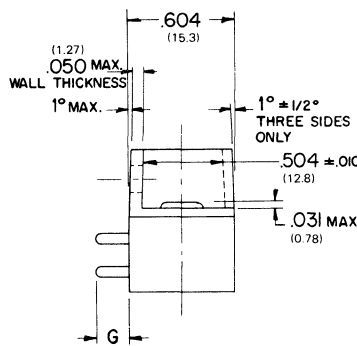
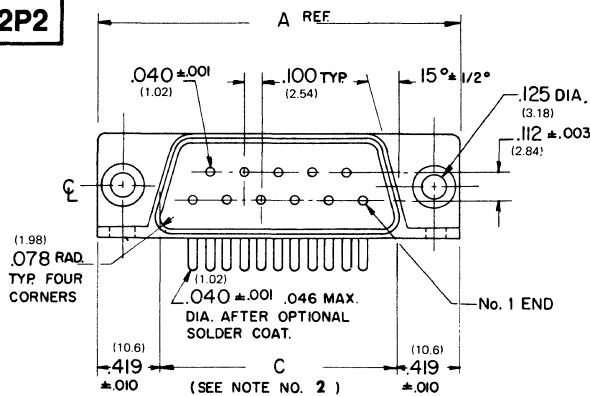
DIMENSIONS ARE FOR REFERENCE ONLY
Metric equivalents in (mm) are given for general information.

- NOTES: 1—Unless otherwise specified, tolerance is ±0.015 inch.
2—For materials and finishes see Page 24.
3—For molding (insulation) material see Page 23.
4—For electrical specifications see Page 23.
5—For ordering information see Page 17.

- 1—"D" Dimension: Nominal spacing between any 2 adjacent contacts is .156 ±.003 inch; overall tolerance between any span of 6 contacts is ±.003 inch; overall tolerance over a span of 7 thru 14 contacts is ±.004 inch; over a span of 15 thru 18 contacts is ±.006 inch; over a span of 19 thru 22 contacts is ±.007 inch; over a span of 23 thru 26 contacts is ±.008 inch; over a span of 27 thru 30 contacts is ±.009 inch; over a span of 31 or 32 contacts is ±.010 inch.
2—"C" Dimension is measured at the top of the draft angle at the base of the chamfer.

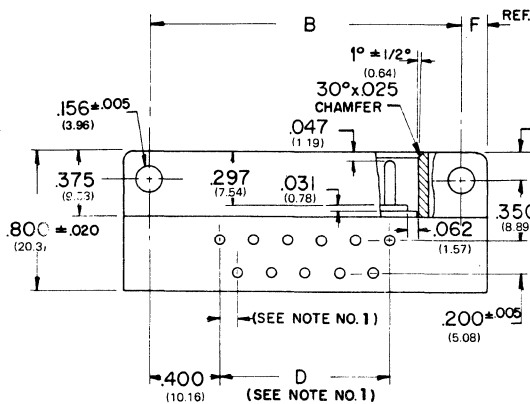


112P2



UPCC-SGM ()-(A,B, or C) CONNECTOR
UPCC-SGM11-B SHOWN

- NOTES: 1—Unless otherwise specified, tolerance is ±0.015 inch.
2—For materials and finishes see Page 24.
3—For molding (insulation) material see Page 23.
4—For electrical specifications see Page 23.
5—For ordering information see Page 17.
1—"D" Dimension: Nominal spacing between any 2 adjacent contacts is .100 ±.003; overall tolerance between any span of 10 contacts is ±.003 inch; overall tolerance over a span of 11 thru 22 contacts is ±.004 inch; over a span of 23 thru 28 contacts is ±.006 inch; over a span of 29 thru 34 contacts is ±.007 inch; over a span of 35 contacts is ±.008 inch.
2—"C" Dimension is measured at the top of the draft angle at the base of the chamfer.

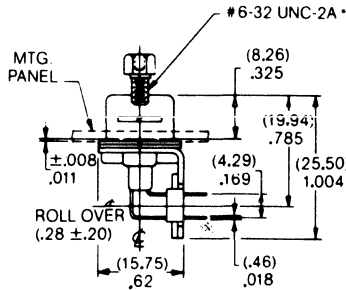
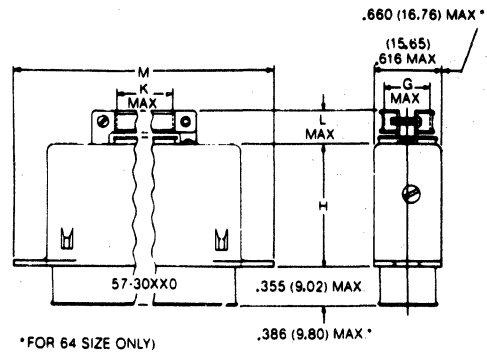
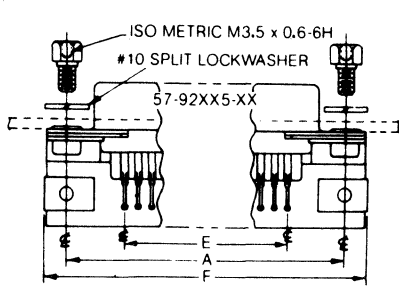


POS.	DIMENSIONS						THICKNESS OF PRINTED BOARD
	A	B ±.010	C ±.005	D NOM.	F	G ±.015 - .010	
11	2.097 (53.3)	1.800 (45.7)	1.260 (32.0)	1.000 (25.4)	.149 (3.78)	.125 (3.18)	1/16 (1.59)
						.188 (4.78)	1/8 (3.18)
						.312 (7.92)	1/4 (6.35)
17	2.721 (69.1)	2.400 (61.0)	1.884 (47.9)	1.600 (40.6)	.161 (4.09)	.125 (3.18)	1/16 (1.59)
						.188 (4.78)	1/8 (3.18)
						.312 (7.92)	1/4 (6.35)
23	3.346 (85.0)	3.000 (76.2)	2.509 (63.7)	2.200 (55.9)	.173 (4.39)	.125 (3.18)	1/16 (1.59)
						.188 (4.78)	1/8 (3.18)
						.312 (7.92)	1/4 (6.35)
29	3.971 (100.9)	3.600 (91.4)	3.134 (79.6)	2.800 (71.1)	.186 (4.72)	.125 (3.18)	1/16 (1.59)
						.188 (4.78)	1/8 (3.18)
						.312 (7.92)	1/4 (6.35)
35	4.596 (116.7)	4.200 (106.7)	3.759 (95.5)	3.400 (86.4)	.198 (5.02)	.125 (3.18)	1/16 (1.59)
						.188 (4.78)	1/8 (3.18)
						.312 (7.92)	1/4 (6.35)

DIMENSIONS ARE FOR REFERENCE ONLY
METRIC EQUIVALENTS IN (mm) ARE GIVEN FOR GENERAL INFORMATION.

OUTLINE DRAWINGS

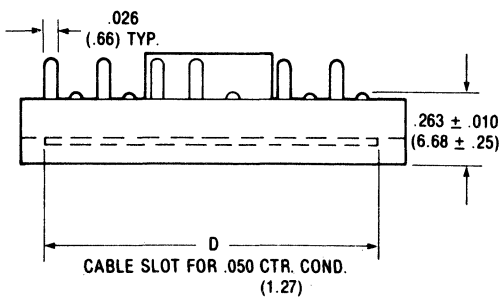
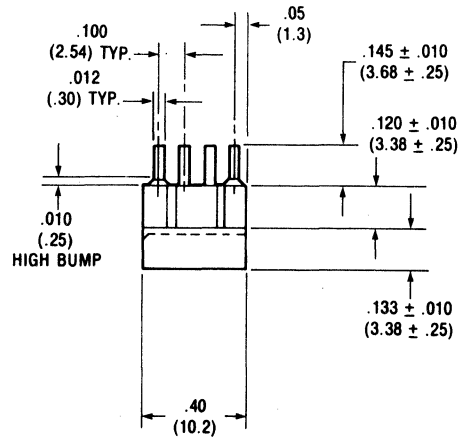
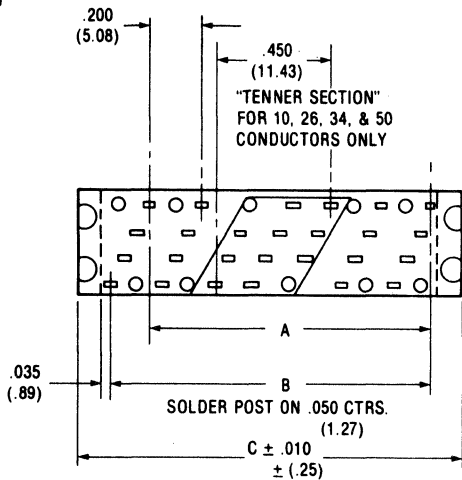
37P2



	14 Contacts		24 Contacts		36 Contacts		50 Contacts	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.
A	1.417	35.991	1.842	46.787	2.352	59.741	2.947	74.854
B	1.750	44.450	2.175	55.245	2.685	68.199	3.280	83.312
C	.910	23.114	1.335	33.909	1.845	46.863	2.440	61.976
D	.510	12.954	.935	22.749	1.445	36.703	2.040	51.816

NOTE: 1 TOLERANCES ARE NON-ACCUMULATIVE
 2 DIMENSION A AND E MUST BE SYMMETRICAL ABOUT CENTER LINE WITHIN .003

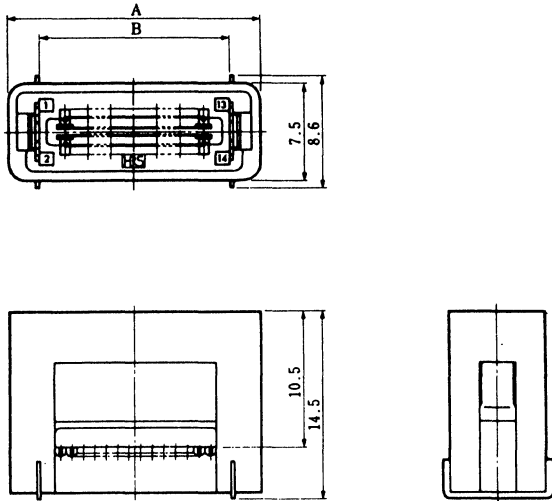
116P1



No. Conts.	A	B	C	D
10	-	.450 (11.43)	.700 (17.78)	.520 (13.21)
20	.800 (20.32)	.960 (24.13)	1.200 (30.48)	1.020 (25.91)
26	1.100 (27.94)	1.250 (31.75)	1.500 (38.10)	1.320 (33.53)
34	1.500 (38.10)	1.650 (41.91)	1.900 (48.26)	1.720 (43.69)
40	1.800 (45.72)	1.950 (49.53)	2.200 (55.88)	2.020 (51.31)
50	2.300 (58.42)	2.450 (62.23)	2.700 (68.52)	2.520 (64.01)
60	2.800 (71.12)	2.980 (74.93)	3.200 (81.28)	3.020 (76.71)

OUTLINE DRAWINGS

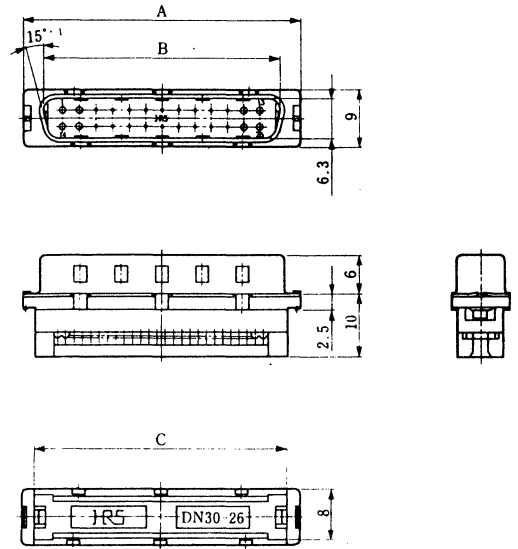
120P1



mm

No. of Pin	A	B
8	14.12	9.32
14	19.46	14.66
26	30.14	25.34
32	35.48	30.68

120P2

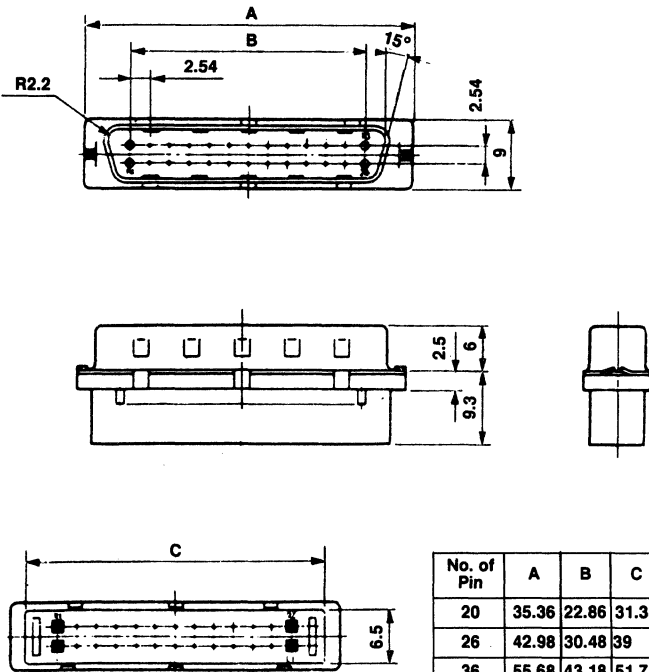


Unit: mm

No. of Pin	A	B	C
20			
26	42.98	36.7	30.48
36	55.68	49.4	51.7
50			

Note: Items with asterisk are not available yet.

120P3

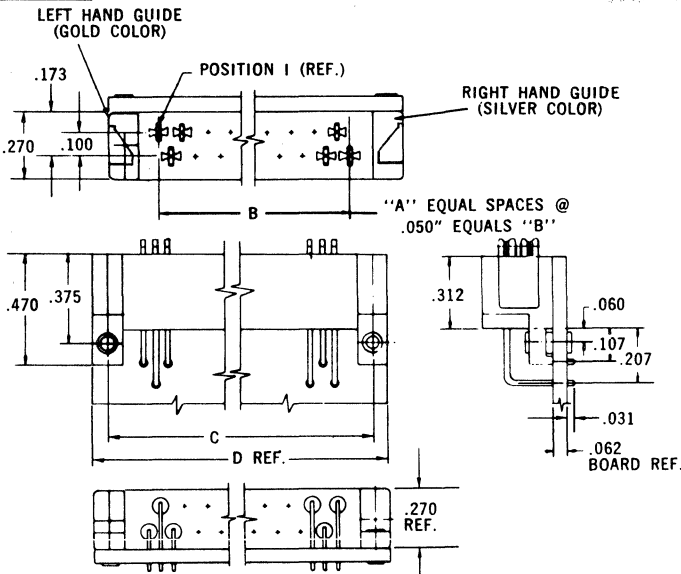


Unit: mm

No. of Pin	A	B	C
20	35.36	22.86	31.38
26	42.98	30.48	39
36	55.68	43.18	51.7
50	73.46	60.96	69.48

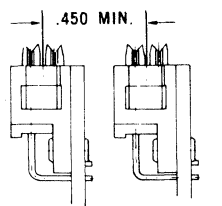
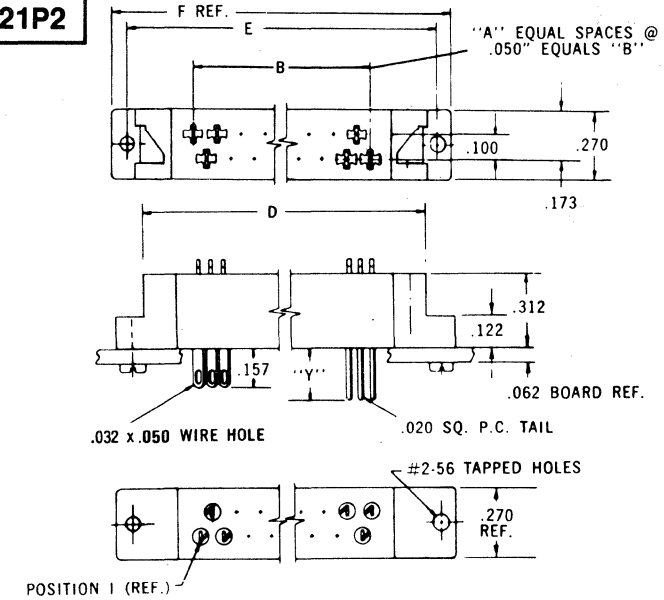
OUTLINE DRAWINGS

121P1



NUMBER OF CONTACTS	DIMENSIONS							
	A	B	C	REF. D	E	F	G	REF. K
18	17	.850	1.150	1.290	1.400	1.540	.064	1.300
30	29	1.450	1.750	1.890	2.000	2.140	1.564	1.900
36	35	1.750	2.050	2.190	2.300	2.440	1.864	2.200
42	41	2.050	2.350	2.490	2.600	2.740	2.164	2.500
54	53	2.650	2.950	3.090	3.200	3.340	2.164	3.100
72	71	3.550	3.850	3.990	4.100	4.340	3.664	4.000

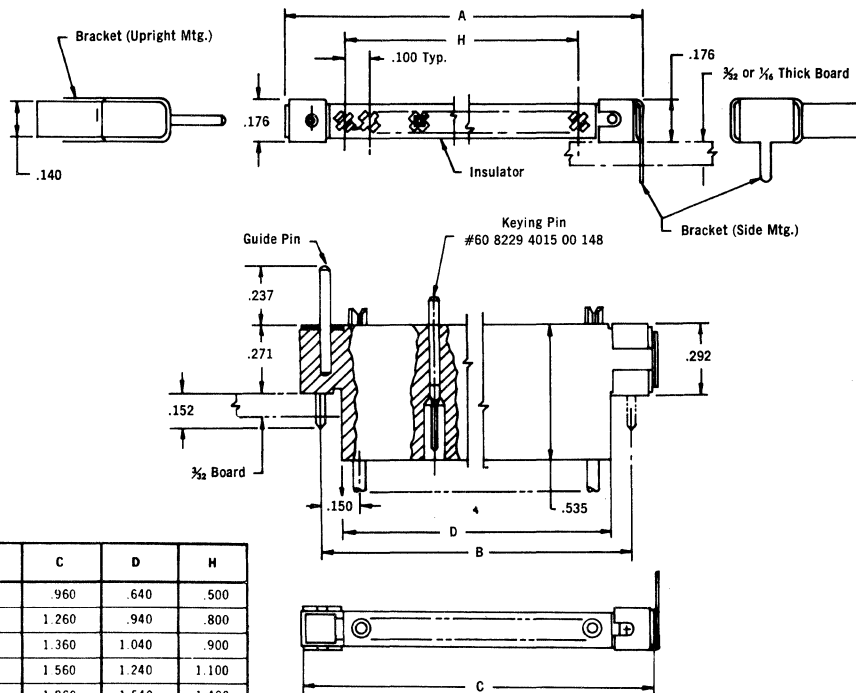
121P2



NUMBER OF CONTACTS	DIMENSIONS							
	A	B	C	REF. D	E	F	G	REF. K
18	17	.850	1.150	1.290	1.400	1.540	.064	1.300
30	29	1.450	1.750	1.890	2.000	2.140	1.564	1.900
36	35	1.750	2.050	2.190	2.300	2.440	1.864	2.200
42	41	2.050	2.350	2.490	2.600	2.740	2.164	2.500
54	53	2.650	2.950	3.090	3.200	3.340	2.164	3.100
72	71	3.550	3.850	3.990	4.100	4.340	3.664	4.000

MINIMUM CENTER TO CENTER SPACING FOR ADJACENT CONNECTOR APPLICATIONS

121P7

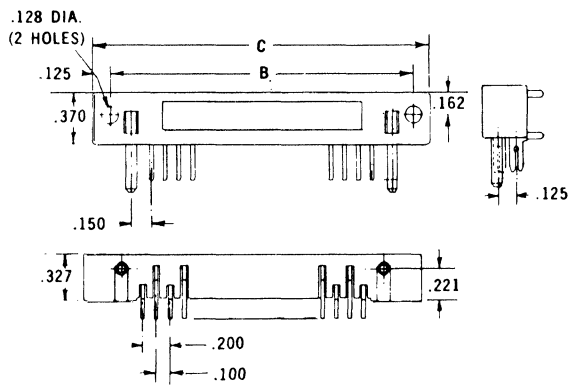


NO. OF CONTACTS	A	B	C	D	H
6	1.000	.800	.960	.640	.500
9	1.300	1.100	1.260	.940	.800
10	1.400	1.200	1.360	1.040	.900
12	1.600	1.400	1.560	1.240	1.100
15	1.900	1.700	1.860	1.540	1.400

NOTE: Mounting brackets are shipped separately.

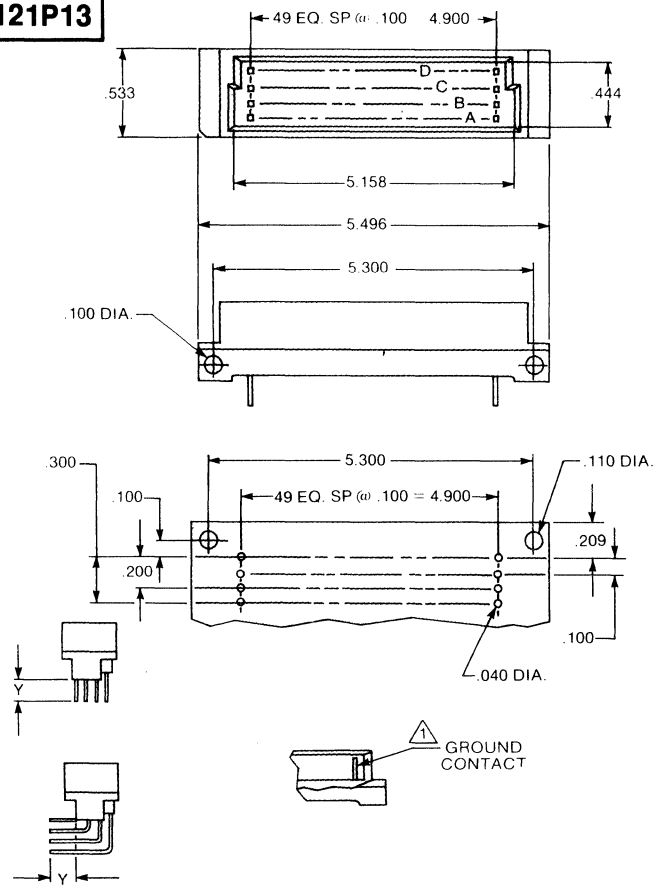
OUTLINE DRAWINGS

121P5

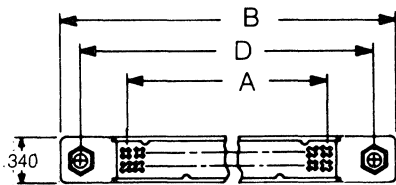


NUMBER OF CONTACTS	B	C MAX.	H
17	2.200	2.470	1.600
23	2.800	3.070	2.200
29	3.400	3.670	2.800
35	4.000	4.270	3.400
41	4.600	4.870	4.000
47	5.200	5.470	4.600

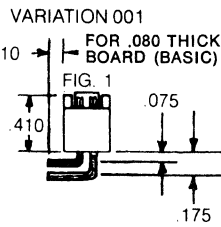
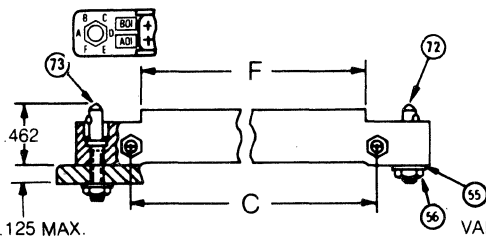
121P13



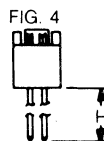
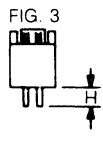
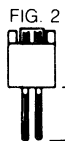
121P8



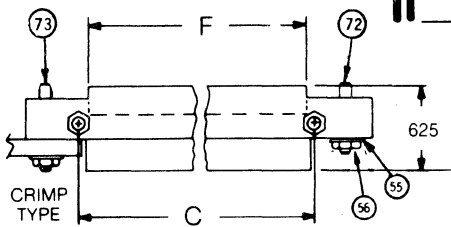
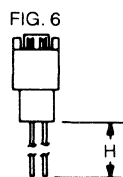
NO. OF CONTACTS	A	B	C	D	E	F	G	H	S
24	1.100	2.200	1.400	1.900	1.270	1.252	1.260		1.236
48	2.300	3.400	2.600	3.100	2.470	2.452	2.460		2.436
72	3.500	4.600	3.800	4.300	3.670	3.652	3.660		3.636
96	4.700	5.800	5.000	5.500	4.870	4.852	4.860		4.836



VARIATION 002

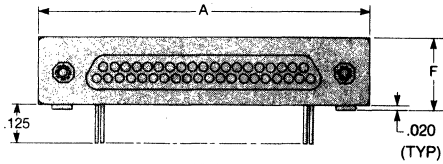
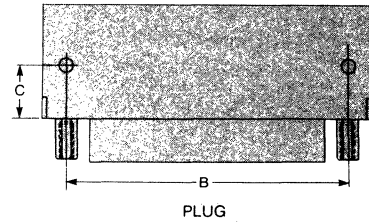
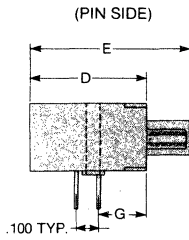


VARIATION 003



OUTLINE DRAWINGS

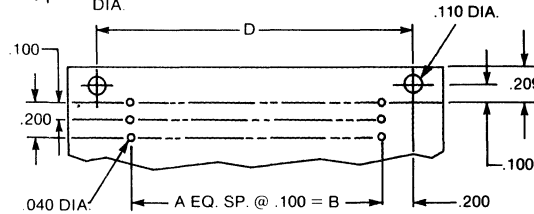
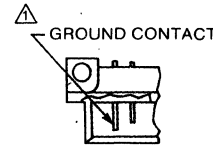
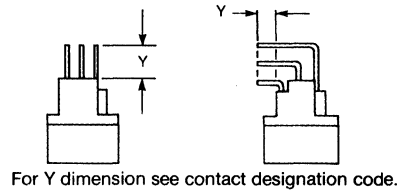
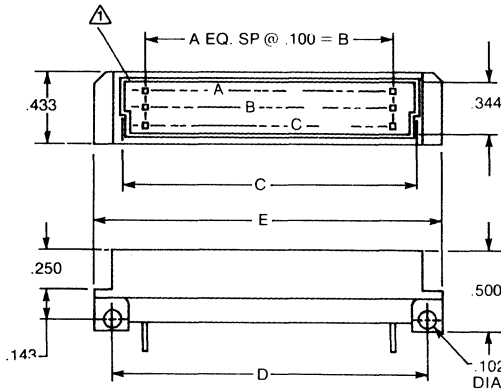
121P9



Right Angle Plug & Receptacle Size Chart

SIZE	A MAX.	B NOM.	C NOM.	D MAX.	E MAX.	F MAX.	G NOM.	H MAX.	L NOM.
9	.785 (19,94)	.565 (14,35)	.250 (6,35)	.420 (10,67)	.606 (15,39)	.325 (8,25)	.230 (5,84)	.619 (15,72)	.400 (10,10)
15	.935 (23,75)	.715 (18,16)	.250 (6,35)	.420 (10,67)	.606 (15,39)	.325 (8,25)	.130 (3,30)	.619 (15,72)	.500 (12,70)
21	1.085 (27,56)	.865 (21,97)	.250 (6,35)	.420 (10,67)	.606 (15,39)	.325 (8,25)	.130 (3,30)	.619 (15,72)	.700 (17,78)
25	1.185 (30,10)	.965 (24,51)	.250 (6,35)	.420 (10,67)	.606 (15,39)	.325 (8,25)	.130 (3,30)	.619 (15,72)	.800 (20,32)
31	1.335 (33,91)	1.115 (28,32)	.250 (6,35)	.520 (13,21)	.706 (17,93)	.325 (8,25)	.130 (3,30)	.719 (18,26)	.800 (20,32)
37	1.485 (37,72)	1.265 (32,13)	.250 (6,35)	.520 (13,21)	.706 (17,93)	.325 (8,25)	.130 (3,30)	.719 (18,26)	.900 (20,86)
51	1.435 (36,44)	1.215 (30,86)	.300 (7,62)	.650 (16,51)	.835 (21,21)	.370 (9,40)	.150 (3,81)	.849 (21,56)	1.00 (25,40)

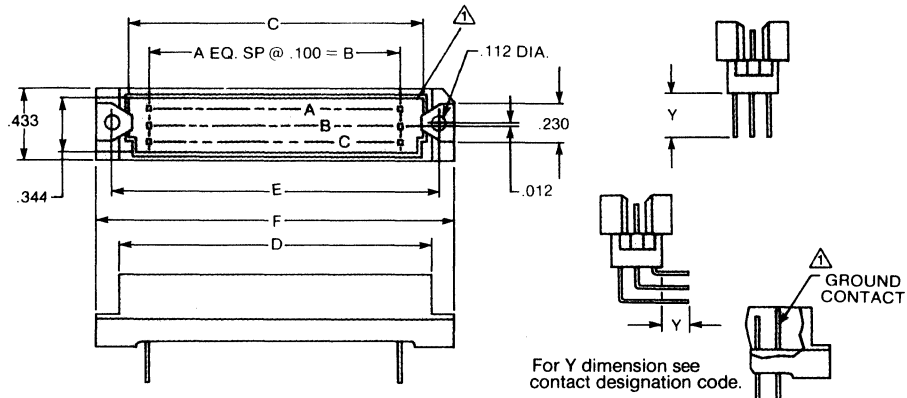
121P11



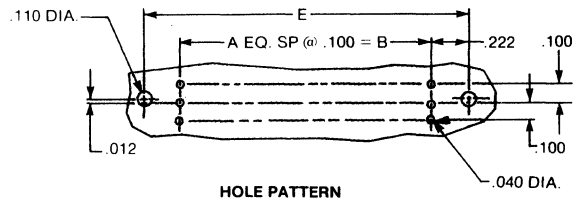
NO. OF POS.	A	B	C	D	E
048	15	1.500	1.758	1.900	2.096
096	31	3.100	3.358	3.500	3.696
150	49	4.900	5.158	5.300	5.501
201	66	6.600	6.858	7.000	7.201

OUTLINE DRAWINGS

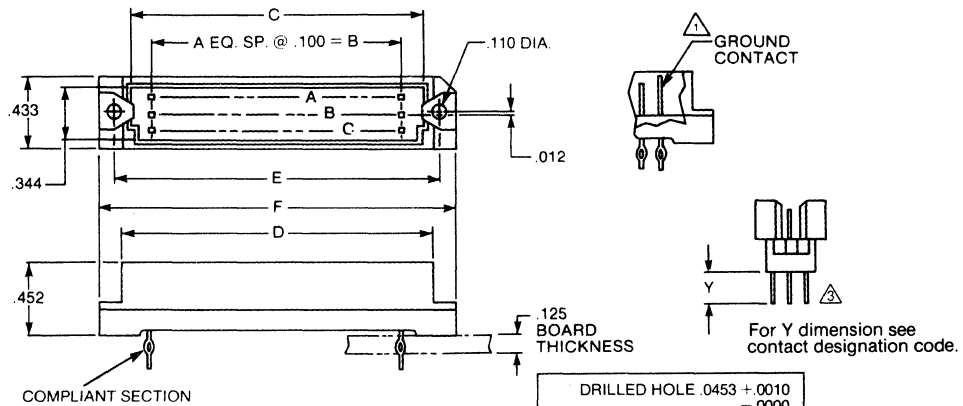
121P12



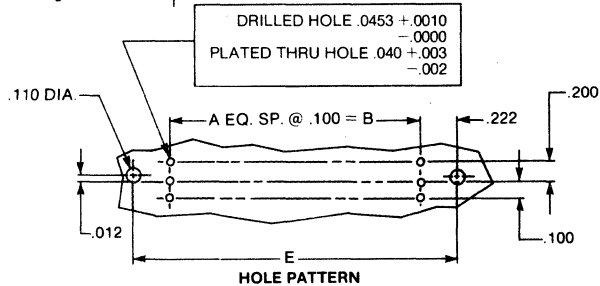
No. of Pos.	A	B	C	D	E	F
48	15	1.500	1.358	1.860	1.943	2.136
96	31	3.100	3.358	3.460	3.543	3.736
150	49	4.900	5.158	5.260	5.343	5.536
201	66	6.600	6.858	6.960	7.043	7.236
064	31	3.100	3.358	3.460	3.543	3.736



121P14

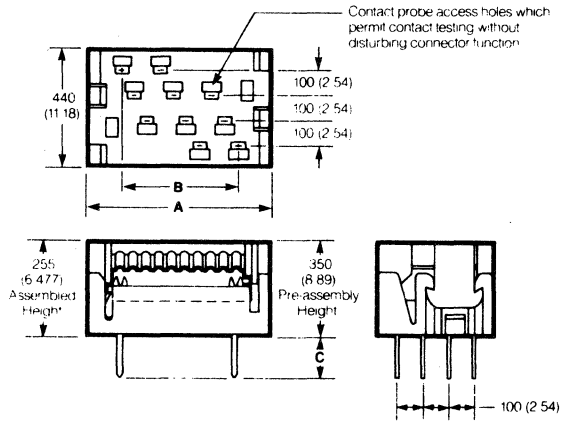


NO. OF POS.	A	B	C	D	E	F
48	15	1.500	1.758	1.860	1.943	2.136
96	31	3.100	3.358	3.460	3.543	3.736
150	49	4.900	5.158	5.260	5.343	5.536
201	66	6.600	6.858	6.960	7.043	7.236



OUTLINE DRAWINGS

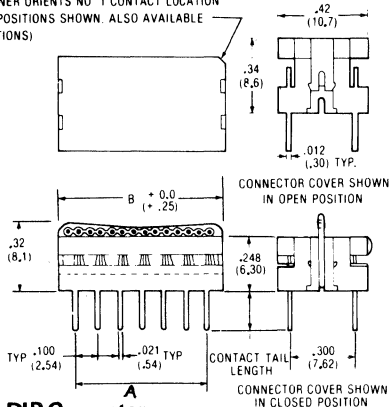
24P2



No. of Contacts	A		B		C		D	
	in.	mm	in.	mm	in.	mm	in.	mm
8	.475	12.07	.400	10.16	.300	7.62	.300	7.62
14	.775	19.69	.400	10.16	.600	15.29	.300	7.62
16	.875	22.23	.400	10.16	.700	17.78	.300	7.62
18	.975	24.77	.400	10.16	.800	20.32	.300	7.62
22	1.175	29.85	.500	12.70	1.000	25.40	.400	10.16
24	1.275	32.39	.700	17.78	1.100	27.99	.600	15.24
40	2.075	52.71	.700	17.78	1.900	48.26	.600	15.24

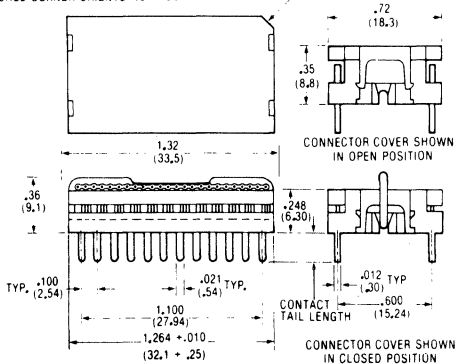
116P2

NOTCHED CORNER ORIENTS NO. 1 CONTACT LOCATION (14 CONTACT POSITIONS SHOWN. ALSO AVAILABLE WITH 16 POSITIONS)



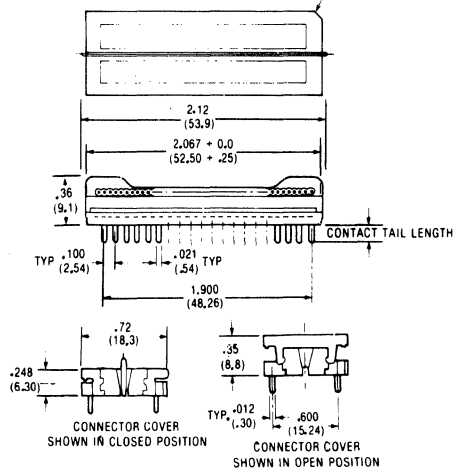
14/16 Pin DIP Connector

NOTCHED CORNER ORIENTS NO. 1 CONTACT LOCATION



24 Pin DIP Connector

NOTCHED CORNER ORIENTS NO. 1 CONTACT POSITION

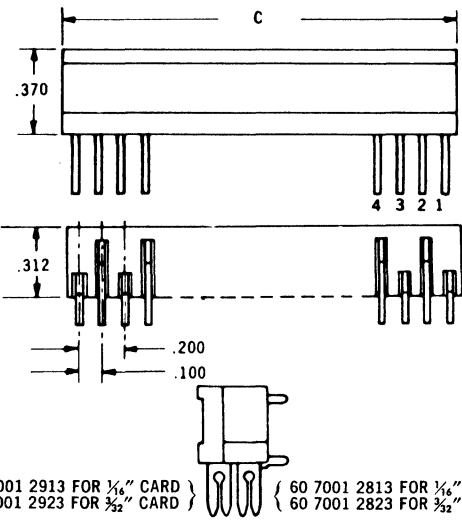


40 Pin DIP Connector

No. Conts.	A	B
14	.60 (15.2)	.754 (19.2)
16	.70 (17.8)	.854 (21.7)
24	1.100 (27.94)	.264 (32.16)
40	1.900 (48.26)	2.067 (52.52)

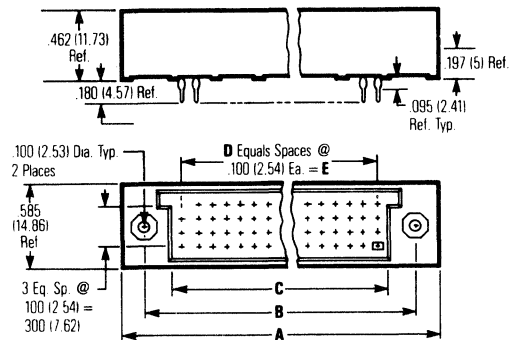
OUTLINE DRAWINGS

121P4



NO. OF CONTACTS	C	H	H'
16	1.714	-	1.500
17	1.714	1.600	-
22	2.314	-	2.100
23	2.314	2.200	-
28	2.914	-	2.700
29	2.914	2.800	-
34	3.514	-	3.300
35	3.514	3.400	-
40	4.114	-	3.900
41	4.114	4.000	-
46	4.714	-	4.500
47	4.714	4.600	-
47	4.794	4.600	-
51	5.114	5.000	-

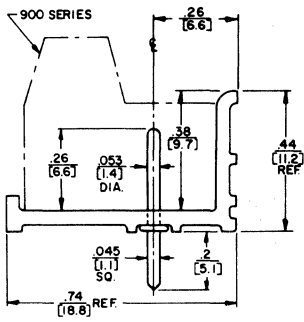
24P9



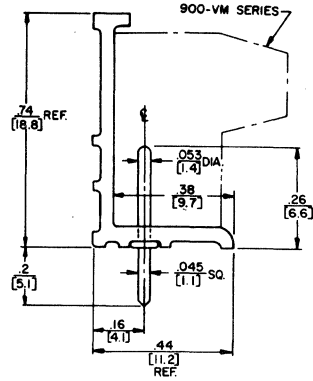
NO. OF CONTACTS	A		B		C-PLUG		D	E	
	in	mm	in	mm	in	mm		in	mm
128	3.95	100.33	3.65	92.71	3.25	82.55	31	3.10	78.74
172	5.05	128.27	4.75	120.65	4.35	110.49	42	4.20	106.68
200	5.75	146.05	5.45	138.43	5.05	128.27	49	4.90	124.46
268	7.45	189.23	7.15	181.61	6.75	171.45	66	6.60	167.64
300	8.25	209.55	7.95	201.93	7.55	191.77	74	7.40	187.96
400	10.75	273.05	10.45	265.43	10.05	255.27	99	9.90	251.46

OUTLINE DRAWINGS

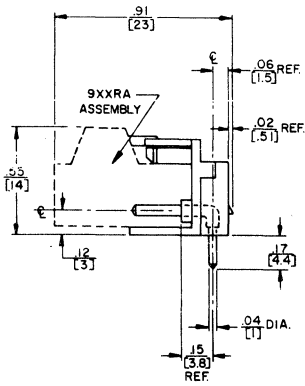
118P1



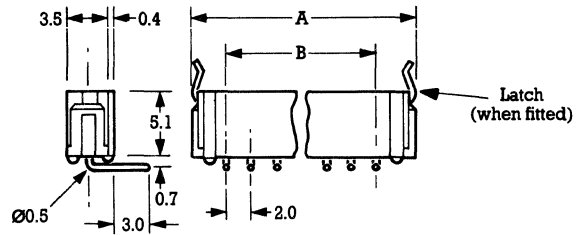
118P2



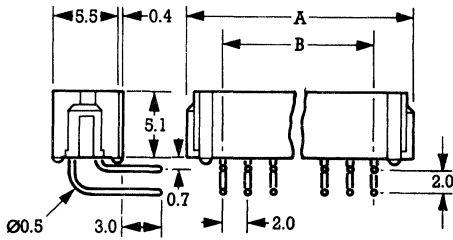
118P3



25P3



25P4

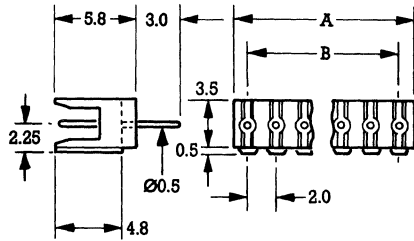


NUMBER OF CONTACTS	DIM A	DIM B
2	7.6	2.0
3	9.6	4.0
4	11.6	6.0
5	13.6	8.0
6	15.6	10.0
7	17.6	12.0
17	37.6	32.0

NUMBER OF CONTACTS	DIM A	DIM B
4	7.6	2.0
6	9.6	4.0
8	11.6	6.0
10	13.6	8.0
12	15.6	10.0
14	17.6	12.0
16	19.6	14.0
18	21.6	16.0
20	23.6	18.0
26	29.6	24.0
34	37.6	32.0

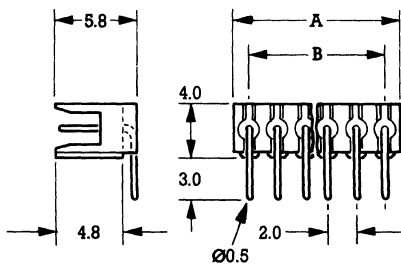
OUTLINE DRAWINGS

25P5



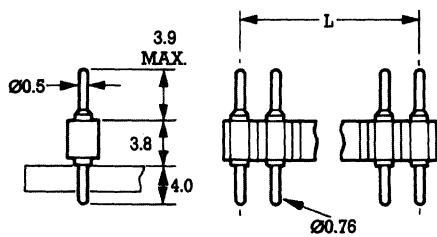
NO. OF WAYS	DIMENSIONS 'L'
5	10.0
10	20.0
15	30.0
20	40.0
25	50.0
30	60.0
40	80.0
50	100.0

25P6



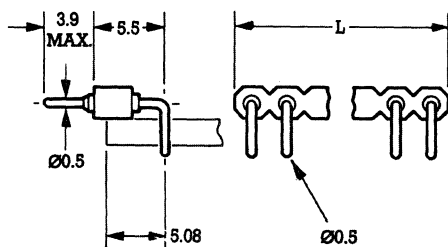
NO. OF WAYS	DIMENSIONS 'L'
5	10.0
10	20.0
15	30.0
20	40.0
25	50.0
30	60.0
40	80.0
50	100.0

25P7



NO. OF WAYS	DIMENSIONS 'L'
10	25.40
15	38.10
20	50.80
25	63.50
32	81.28

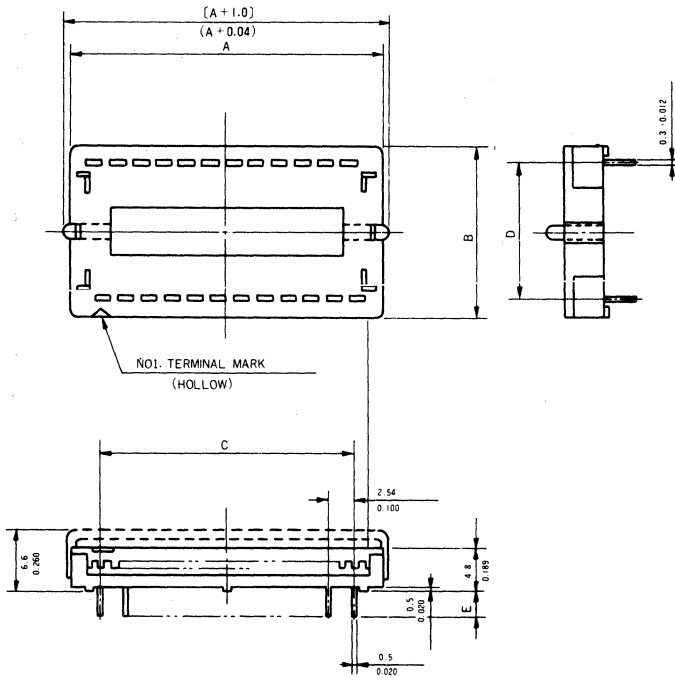
25P8



NO. OF WAYS	DIMENSIONS 'L'
10	25.40
15	38.10
20	50.80
25	63.50
32	81.28

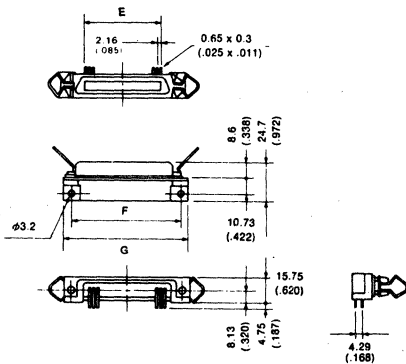
OUTLINE DRAWINGS

97P2



POS	A	B	C	D
42	55.37 (2.18)	18.74 (0.738)	50.80 (2.000)	15.24 (0.600)
40	52.83 (2.08)	18.74 (0.738)	48.26 (1.900)	15.24 (0.600)
36	45.21 (1.78)	18.74 (0.738)	43.18 (1.700)	15.24 (0.600)
32	42.67 (1.68)	18.74 (0.738)	38.10 (1.500)	15.24 (0.600)
28	37.59 (1.68)	18.74 (0.738)	33.02 (1.300)	15.24 (0.600)
26	35.05 (1.38)	18.74 (0.738)	30.49 (1.200)	15.24 (0.600)
24	32.51 (1.28)	18.74 (0.738)	27.94 (1.100)	15.24 (0.600)
22	29.97 (1.18)	13.66 (0.538)	25.40 (1.000)	10.16 (0.400)
20	27.43 (1.08)	13.66 (0.538)	22.86 (0.900)	10.16 (0.400)
18	24.89 (0.98)	11.12 (0.438)	20.32 (0.800)	7.62 (0.300)
16	22.35 (0.88)	11.12 (0.438)	17.78 (0.700)	7.62 (0.300)
14	19.81 (0.78)	11.12 (0.438)	15.24 (0.600)	7.62 (0.300)

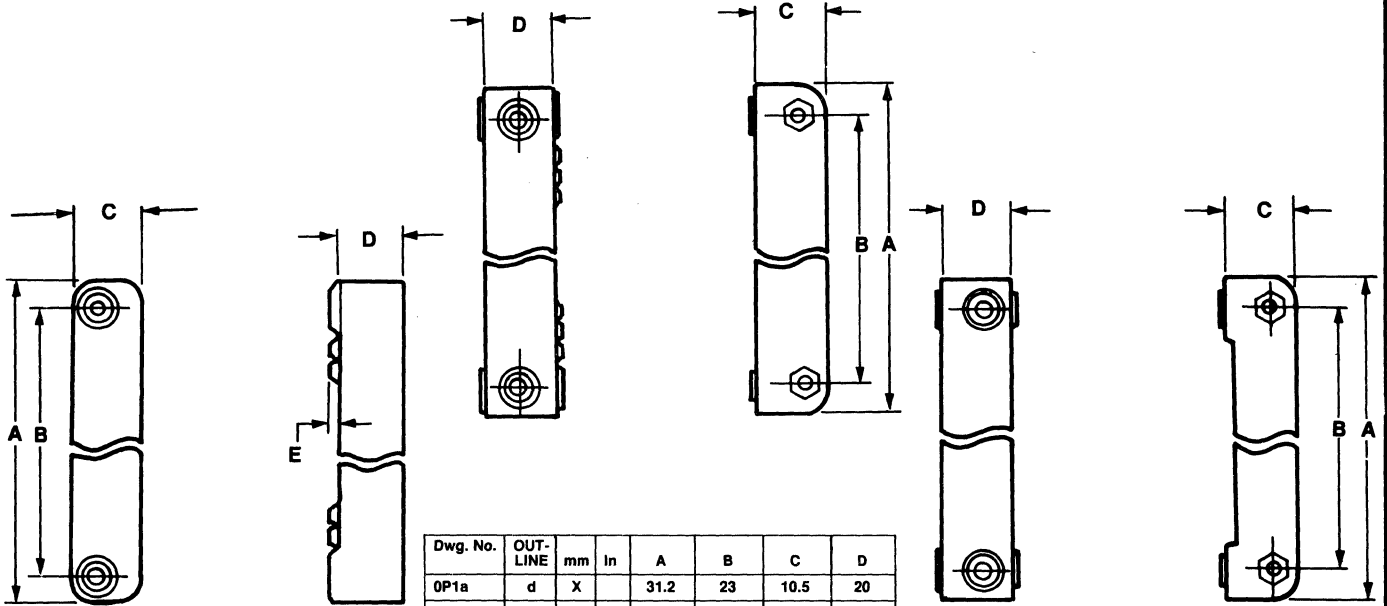
34P11



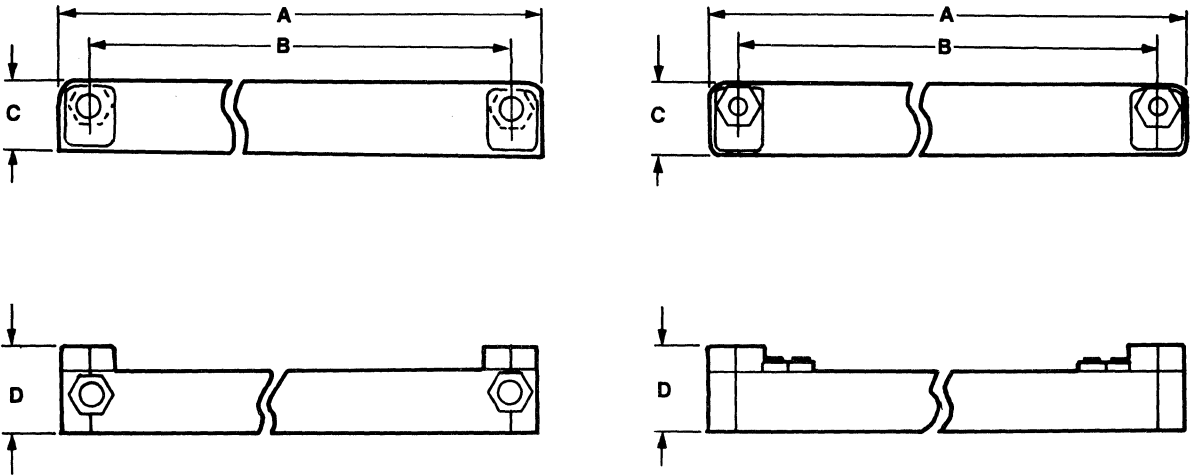
NO. OF CONTACTS	DIMENSIONS							
	A	B	C	D	E	F	G	
24					23.76 (.935)	46.78 (1.842)	54.72 (2.154)	
35					36.72 (1.446)	59.74 (2.352)	67.68 (2.665)	

OUTLINE DRAWINGS

OP1

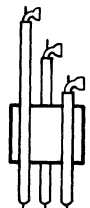
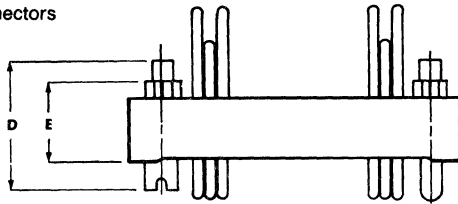
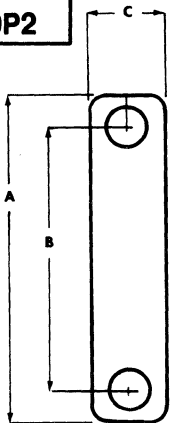


Dwg. No.	OUT-LINE	mm	in	A	B	C	D
OP1a	d	X		31.2	23	10.5	20
OP1b	d	X		33.3	25.4	10.5	20
OP1c	d	X		31.8	23.8	12.5	20
OP1d	d	X		39.7	31.75	12.5	20
OP1e	d	X		50.8	42.8	12.5	20
OP1f	d	X		41.4	33.3	15.5	20
OP1g	d	X		50.8	42.85	20	20
OP1h	d	X		66.2	57.95	20	20



OP2

Micro-Miniature Connectors

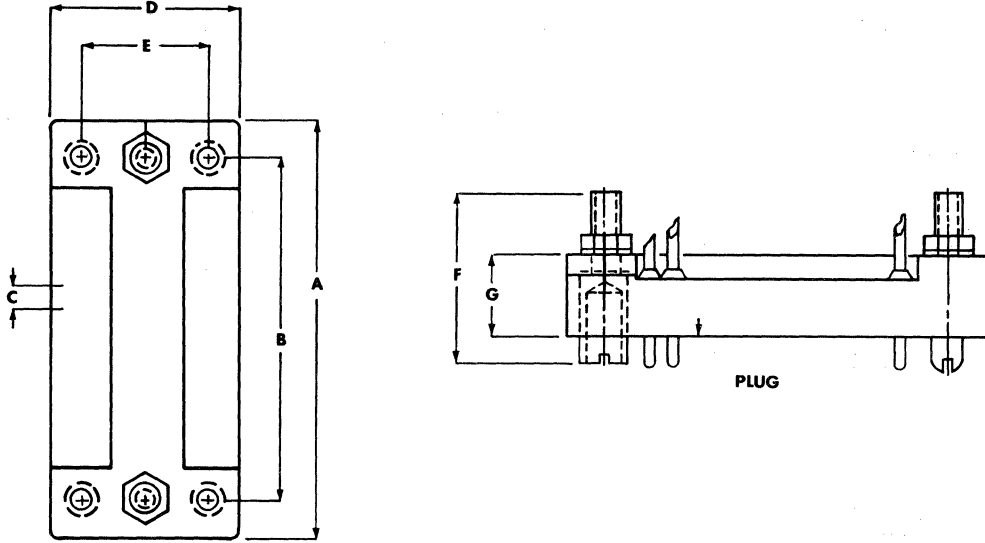


Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E
OP2a		X	26	31.8	25.4	6.9	12.2	5.84

OUTLINE DRAWINGS

0P3

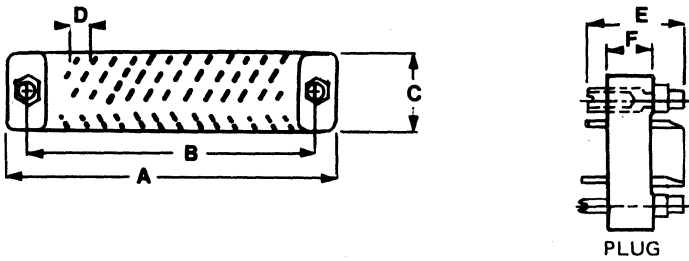
Micro-Miniature Connectors



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
0P3a		X	75	42.7	34.93	2.39	19.1	12.7	17.3	7.9

0P4

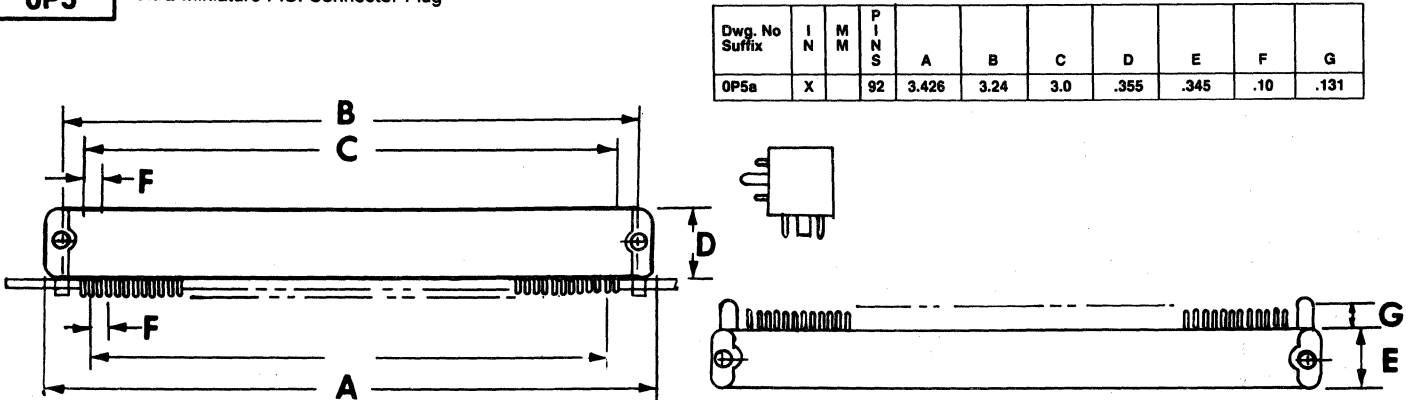
Micro-Miniature Connectors



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F
0P4a		X	14	22.1	15.88	6.9	2.39	12.2	5.8
0P4b	X		14	1.25	.937	.44		.79	.36

0P5

Ultra-Miniature P.C. Connector Plug



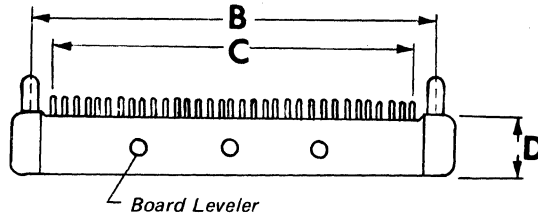
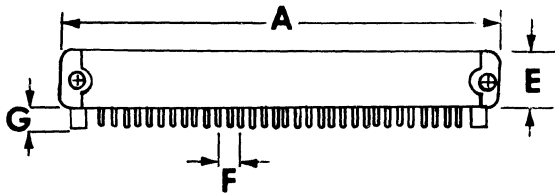
Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
0P5a	X		92	3.426	3.24	3.0	.355	.345	.10	.131

OUTLINE DRAWINGS

OP6

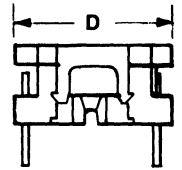
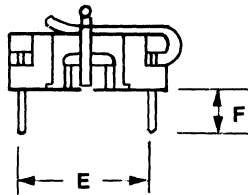
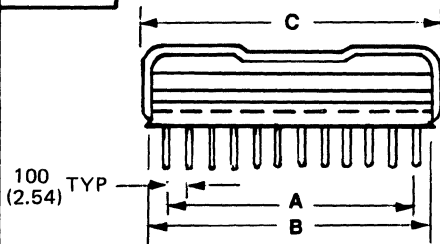
Solder Plug

Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OP6a	X		17	1.55	1.4	1.2	.258	.25	.15	.109
OP6b	X		17	1.15	1.0	0.80	.26	.25	.10	.11



OP7

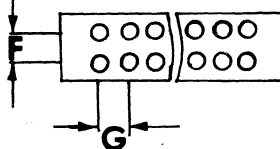
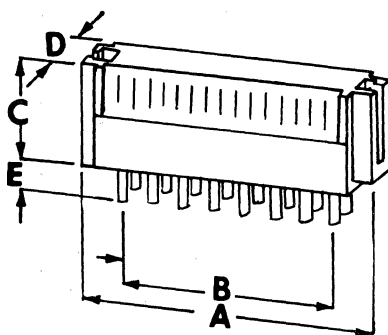
DIP Connectors



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F
OP7a		X	14	15.2	19.2	20.6	18.3	15.24	4.45
OP7b		X	8	7.62	11.81	11.81	10.67	7.62	4.45
OP7c		X	10	11.43	15.49	15.49	10.16	7.62	2.16
OP7d		X	14	15.24	19.81		10.16	7.62	3.7/4.7
OP7e		X	14	17.78			12.45	7.62	4.95
OP7f		X	14				20.0	11.0	
OP7g		X	14				19.8		
OP7h		X	16	17.78			22.1	10.7	7.62
OP7i		X	18	20.32	25.1	25.1	10.67	7.62	3.96
OP7j		X	64	78.74	85.85	85.85	7.06	2.54	3.96
OP7k		X	40	48.26	53.04	53.04	18.29	15.24	3.96
OP7l		X	16	17.78	20.32	21.59	10.16	7.62	4.45
OP7m		X	40	48.26	50.80	52.07	17.78	15.24	4.45
OP7n		X	40	48.26			52.83	18.41	7.62
OP7o		X	40	48.26			52.83	18.41	15.24
OP7p		X	16		22.4	22.4	10.9	7.62	4.3
OP7q		X	40	48.26	52.98	52.98		15.24	4.3
OP7r	X		60	2.90	3.254	3.254	.354	.100	.138
OP7s		X	14	15.24			19.81	10.79	15.24
OP7t		X	16	17.78			22.35	10.79	7.62
OP7u		X	24	27.94			32.51	18.41	7.62

OP8

PCB Connectors

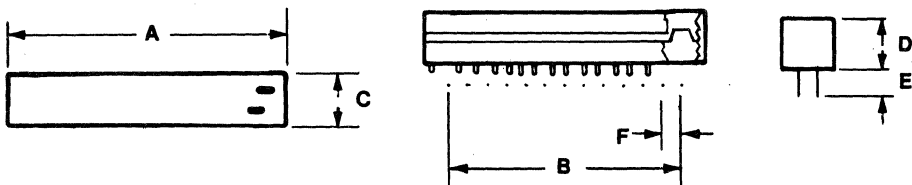


Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OP8a		X	50	68.1	60.96	7.5	6.0	2.8	2.54	2.54
OP8b		X	60	82.60	73.66	6.5	7.0	3.25	2.54	2.54
OP8c		X	64	81.25	78.74	7.2	7.62		2.54	2.54
OP8d		X	10	19.00	10.16	10.9	7.62		2.54	2.54
OP8e		X	14	24.08	15.24	10.9	7.62		2.54	2.54
OP8f		X	16	27.53	17.78	10.9	7.62		2.54	2.54
OP8g		X	20	31.70	22.86	10.9	7.62		2.54	2.54
OP8h		X	26	39.32	30.48	10.9	7.62		2.54	2.54
OP8i		X	34	49.48	40.64	10.9	7.62		2.54	2.54
OP8j		X	40	57.10	48.26	10.9	7.62		2.54	2.54
OP8k		X	50	69.80	60.96	10.9	7.62		2.54	2.54
OP8l		X	60	82.50	73.66	10.9	7.62		2.54	2.54

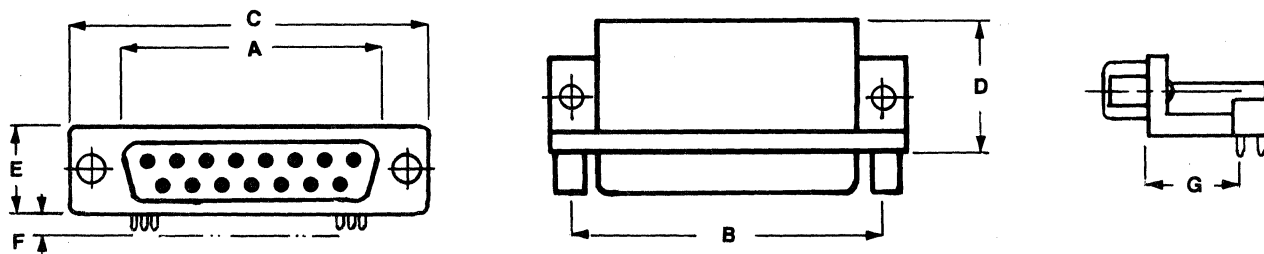
OUTLINE DRAWINGS

0P9 Insulation Displacement Plug - Slim Line

Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F
0P9a		X	10	16.51	10.16	6.10	5.94	2.54/3.96	.10



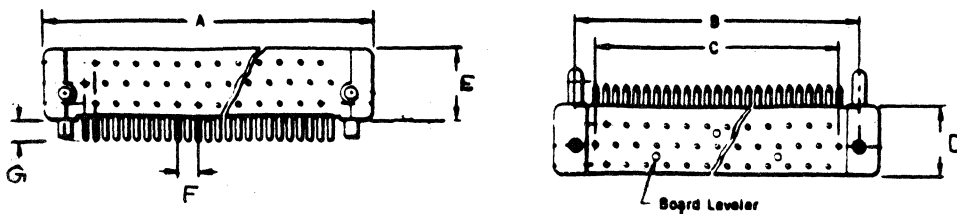
0P10 Metal Shell Right Angle
D-Subminiature Male Connectors
Metal Shell



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
0P10a		X	37	55.42	63.50	69.32		12.55	3.18	13.84
0P10b		X	37	55.42	63.50	69.32		12.55	3.3/4.7	7.19
0P10c		X	37	54.84	63.50	69.32		12.55	3.3/4.7	7.19
0P10d		X	37	55.42	63.50	69.32		12.93	5.59	11.53
0P10e		X	37	55.30	63.50	69.2		12.4	1.0	15.0
0P10f		X	37		63.50	69.32	17.83	12.55	2.67	14.99
0P10g		X	37	54.76	63.5	69.3		12.6		
0P10h		X	37	54.76	63.5	69.31		12.55	3.0	8.70
0P10i		X	9	16.92	24.99	30.81		12.55	3.18	
0P10j		X	15	25.25	33.32	39.14		12.55	3.18	
0P10k		X	25	38.96	47.04	53.04		12.55	3.18	
0P10l		X	37	55.42	63.50	69.32		12.55	3.18	14.84
0P10m		X	37	55.42	63.5	69.32	13.2	12.55	3.18	8.1
0P10n		X	9	16.92	24.99	30.81		12.55	3.18	
0P10o		X	9		24.99	31.0		15.0		7.19

0P12 Solder Plug

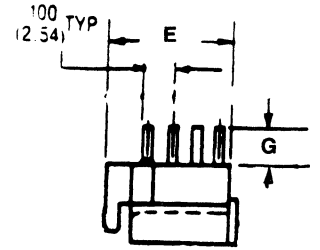
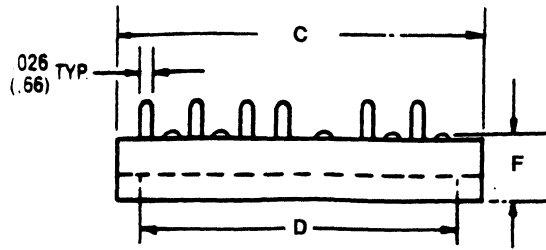
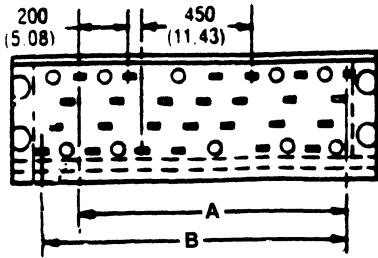
Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
0P12a	X		13	.80	.60	.40	.345	.35	.10	.110



OUTLINE DRAWINGS

OP11

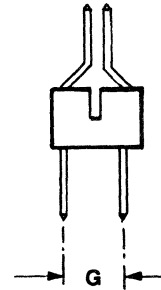
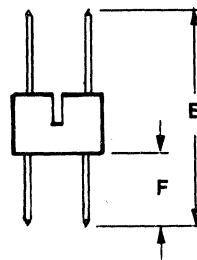
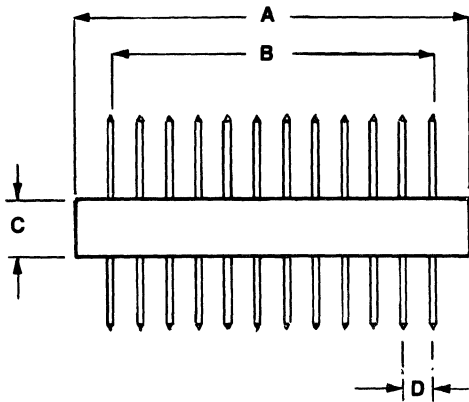
PCB Connectors



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OP11a		X	10		11.43	17.78	13.21	12.7	6.68	3.68
OP11b		X	10			17.78	11.43	10.16	5.94	2.54/3.96
OP11c		X	10			17.8		12.5	6.5	
OP11d		X	50			68.6	62.23	11.2	6.5	2.54
OP11e		X	50		60.96	68.1		6.0		
OP11f		X	60	71.12	74.93	79.1		11.94		2.54
OP11g		X	58	71.12	72.39	76.56		11.94		2.54
OP11h		X	50	58.42	62.23	66.4		11.94		2.54
OP11i		X	50		62.23	67.31		10.16	5.21	
OP11j		X	60		74.93	81.25		10.39	6.41	
OP11k		X			11.43	17.75		10.39	6.41	
OP11l		X			19.05	25.37		10.39	6.41	
OP11m		X			24.13	30.45		10.39	6.41	
OP11n		X			31.75	38.07		10.39	6.41	
OP11o		X			41.91	48.23		10.39	6.41	
OP11p		X			49.53	55.85		10.39	6.41	
OP11q		X			62.23	55.85		10.39	6.41	

OP13

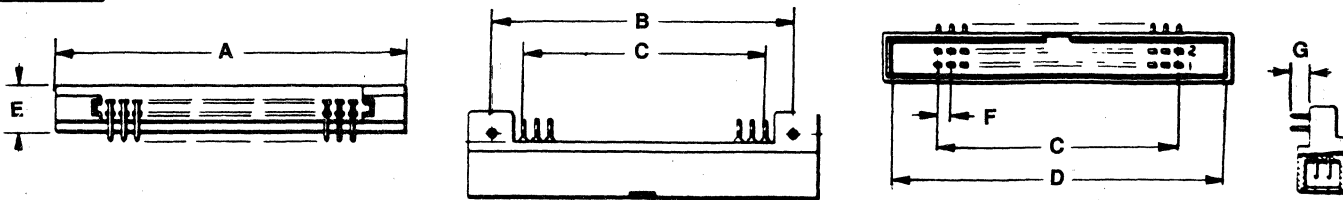
Plug



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OP13a		X	12	18.42	15.88	6.35	3.18	10.16		6.35
OP13b		X	30	83	68	6.50		25	8.5	

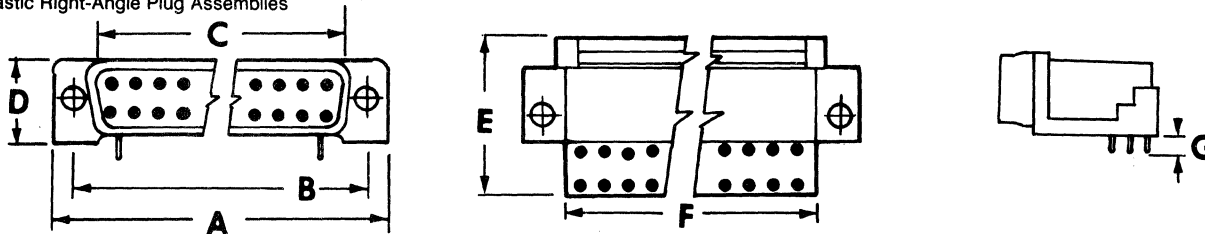
OUTLINE DRAWINGS

OP14 Solder Plug



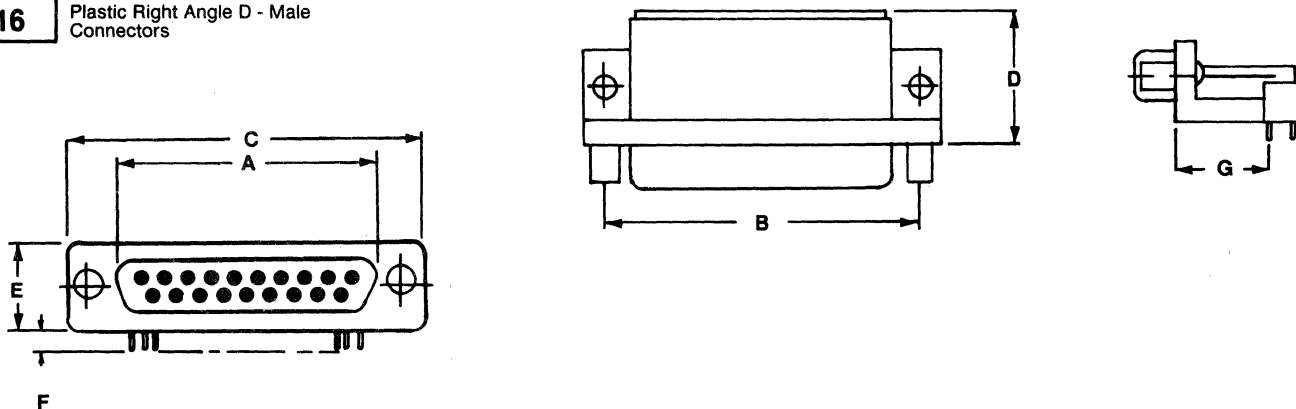
Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OP14a		X	20	42.93	33.78	22.86	40.51	.370	.10	.16
OP14b	X		40	3.046	2.826	2.375		.350	.125	.16
OP14c		X	32	54.0	48.26	38.1		8.5	.10	.108

OP15 Plastic Right-Angle Plug Assemblies



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OP15a		X	50	67.26	61.11	52.73	14.17	28.83	51.77	3.18
OP15b		X	50	67.21	66.11	52.81	14.33	27.58	51.77	3.81

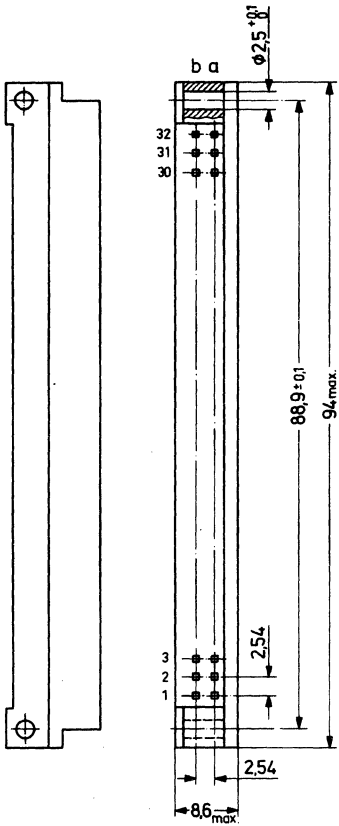
OP16 Plastic Right Angle D - Male Connectors



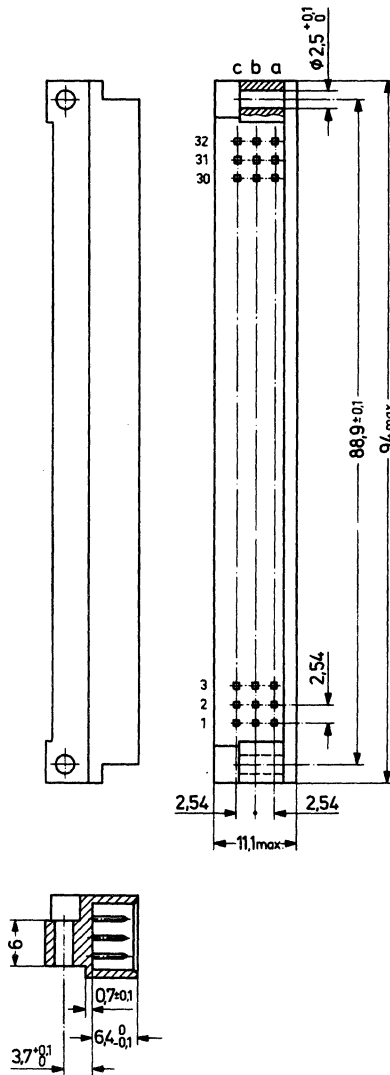
Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OP16a		X	15	25.25	33.32	39.53	18.61	11.48	3.18	13.82
OP16b		X	15	25.15	33.32	39.53	20.17	10.41	3.43	
OP16c		X	37	55.29	63.50	69.65		11.48	3.18	
OP16d		X	37	55.37	63.50	69.52		11.48	3.18	12.14
OP16e		X	9	16.79	24.99	31.19		11.48	3.18	
OP16f		X	25	38.86	47.04	53.21		11.48	3.18	
OP16g		X	37	55.42	63.50	69.44		11.53	3.81	

OUTLINE DRAWINGS

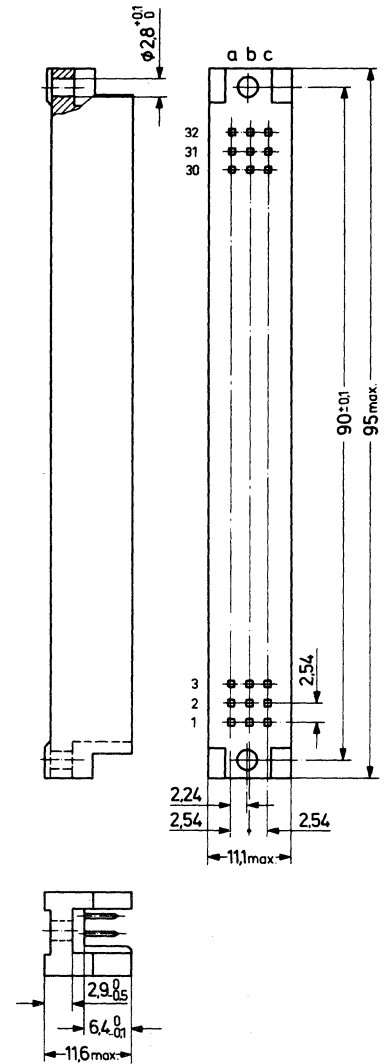
999P1



999P3

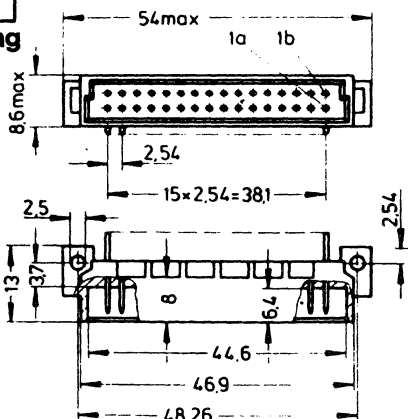


999P9

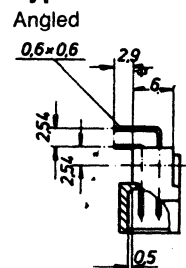


999P5

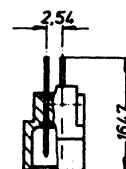
Drawing



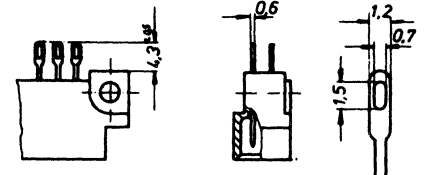
Type of contacts



Solder pin



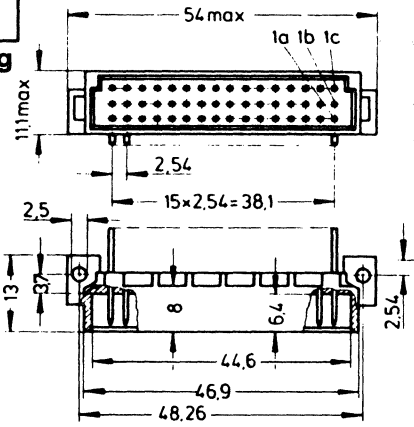
Solder lug



OUTLINE DRAWINGS

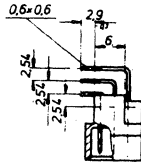
999P7

Drawing

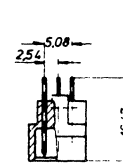


Type of contacts

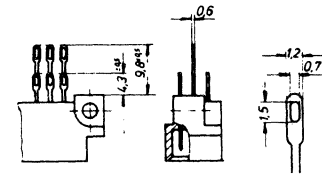
Angled



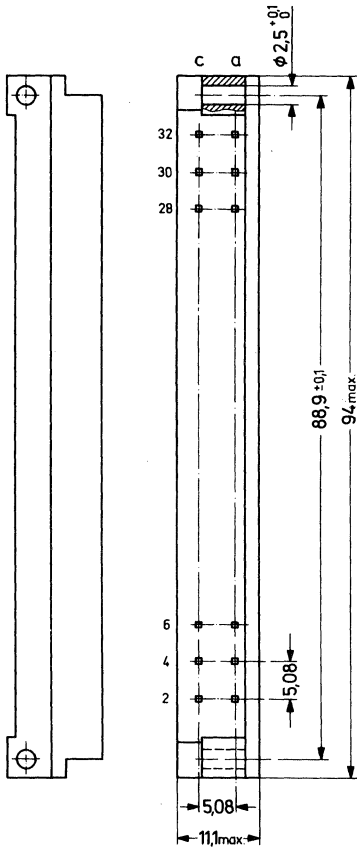
Solder pin



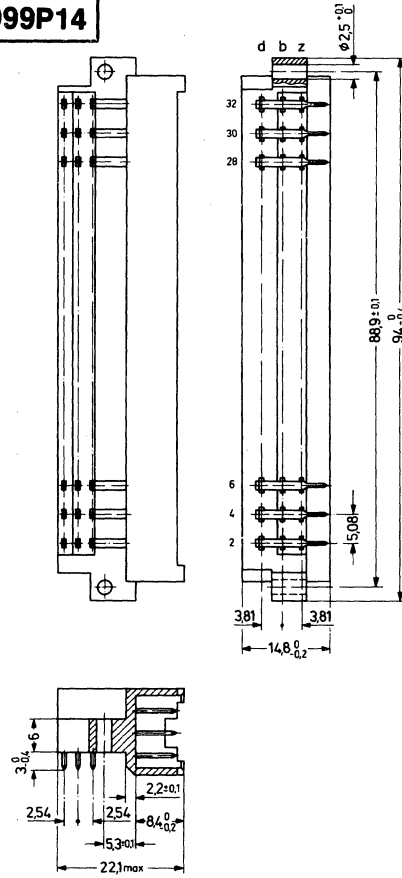
Solder lug



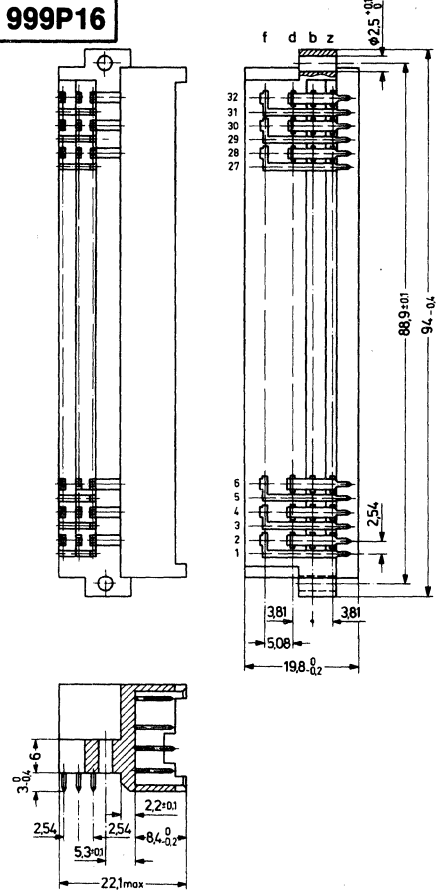
999P12



999P14

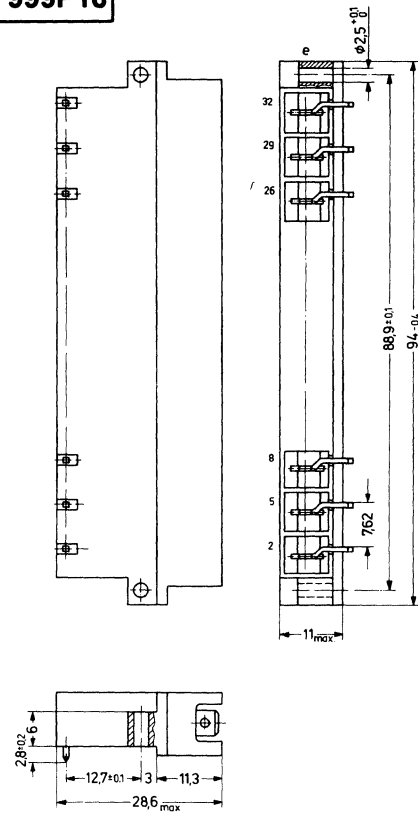


999P16

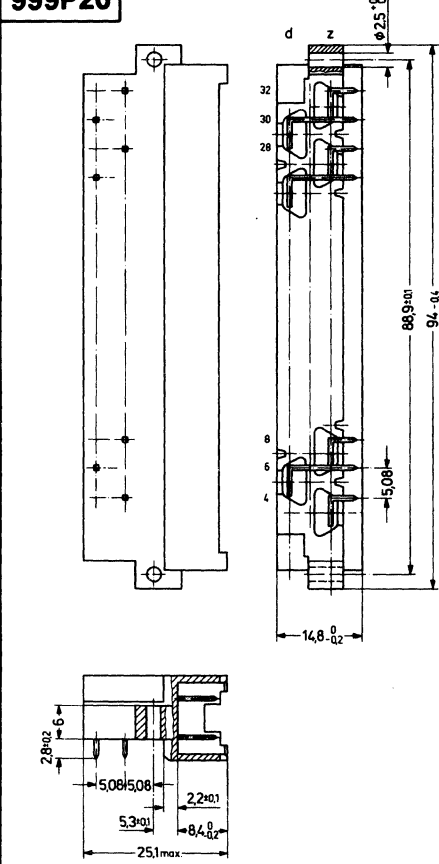


OUTLINE DRAWINGS

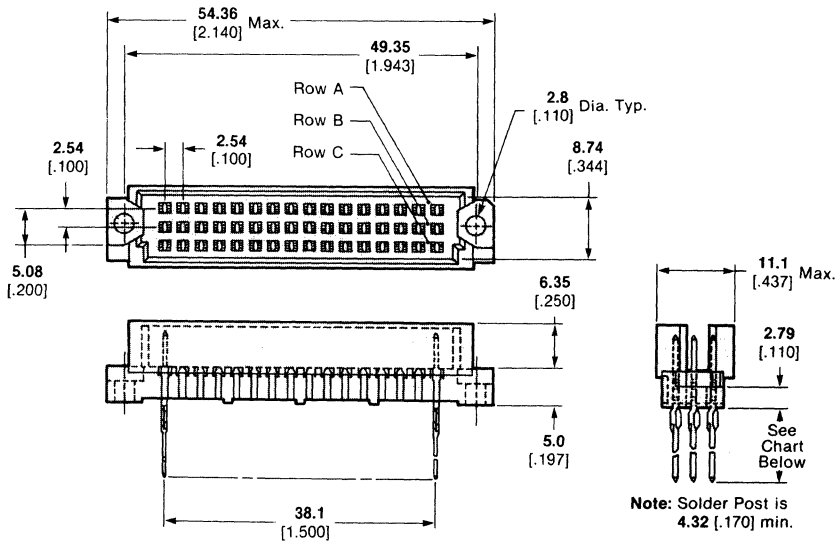
999P18



999P20

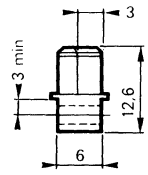
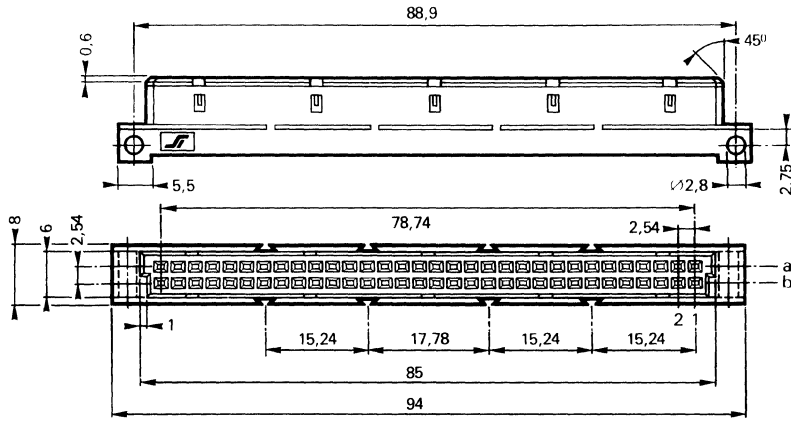


999P25

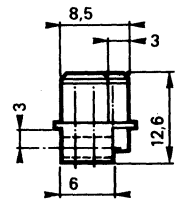
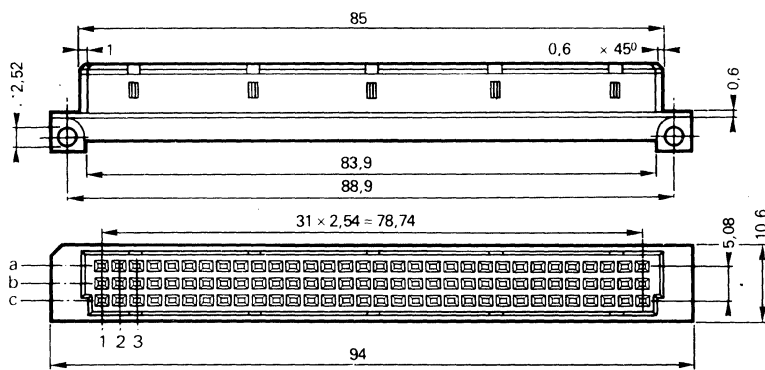


OUTLINE DRAWINGS

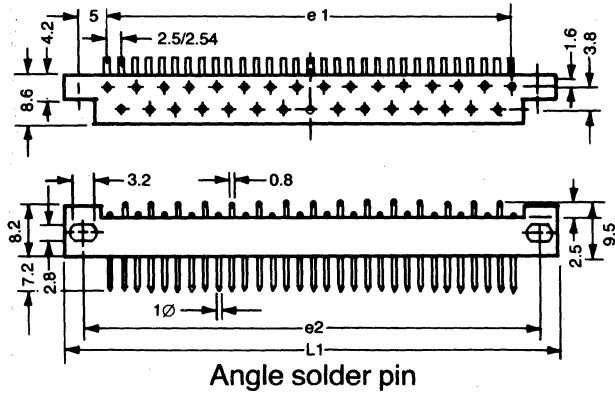
999P27



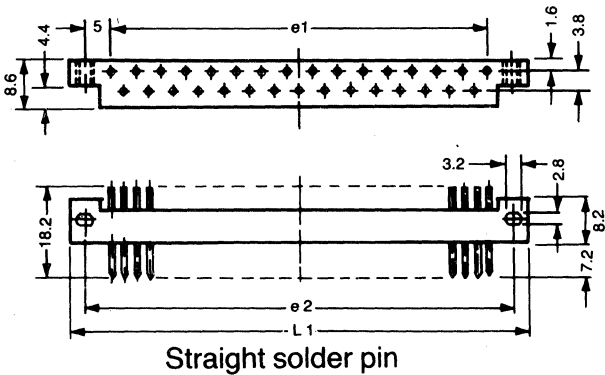
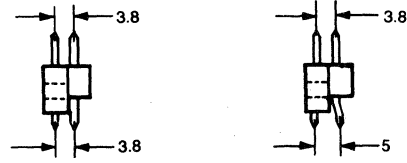
999P28



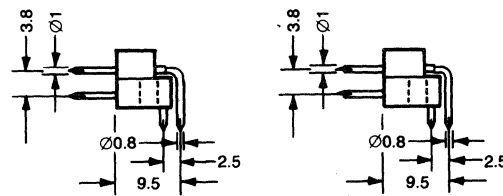
OUTLINE DRAWINGS



Angle solder pin

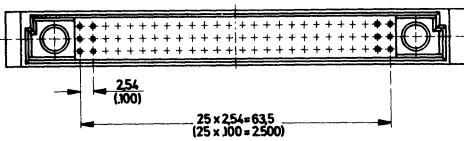


Straight solder pin

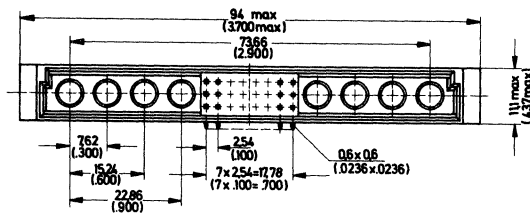


999P33

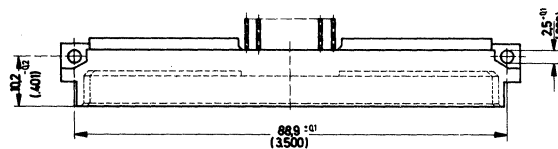
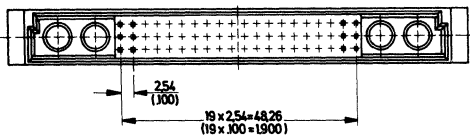
78+2 Kontakte / contacts



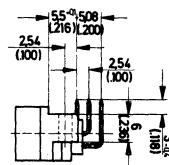
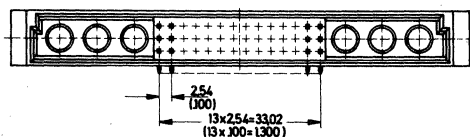
24+8 Kontakte / contacts



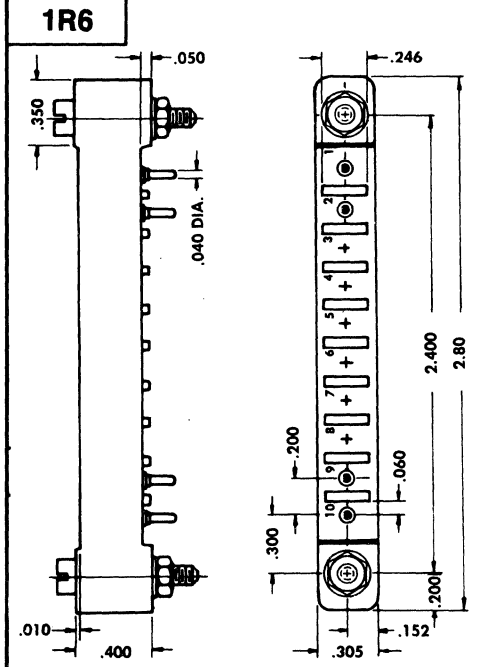
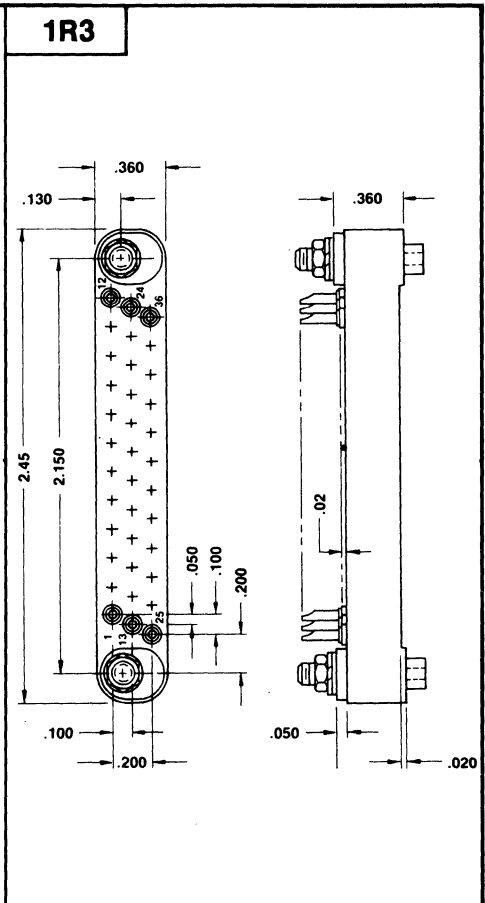
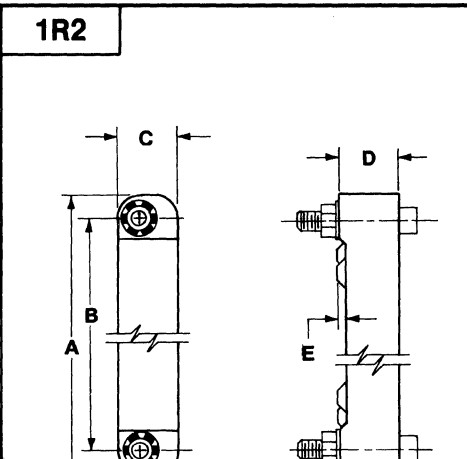
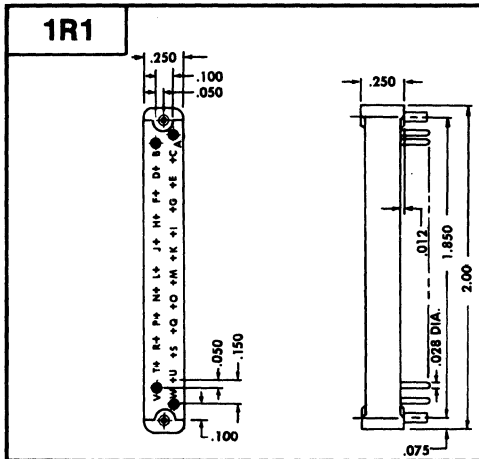
60+4 Kontakte / contacts



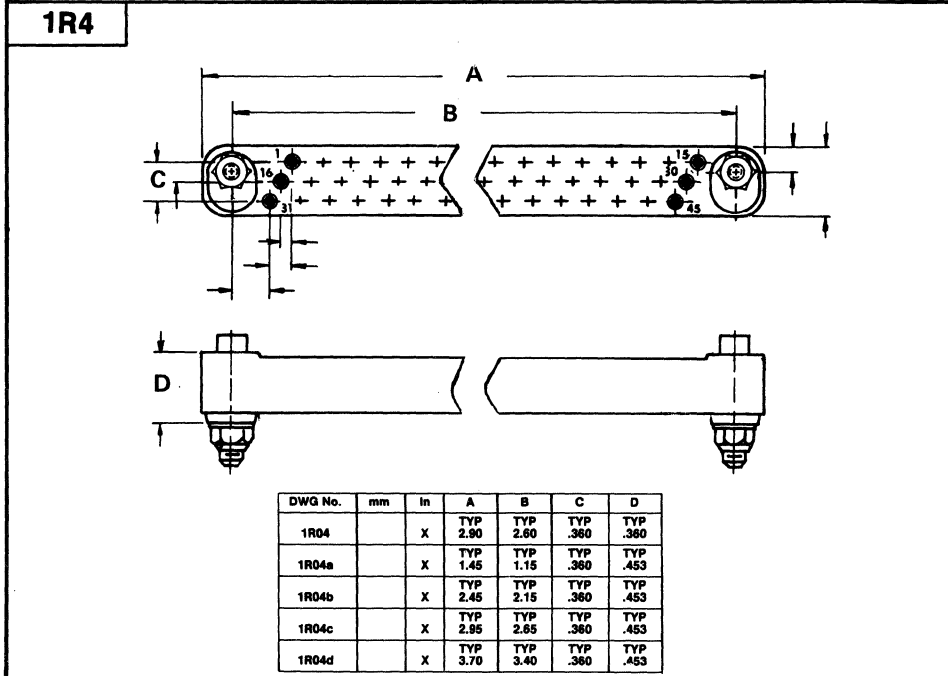
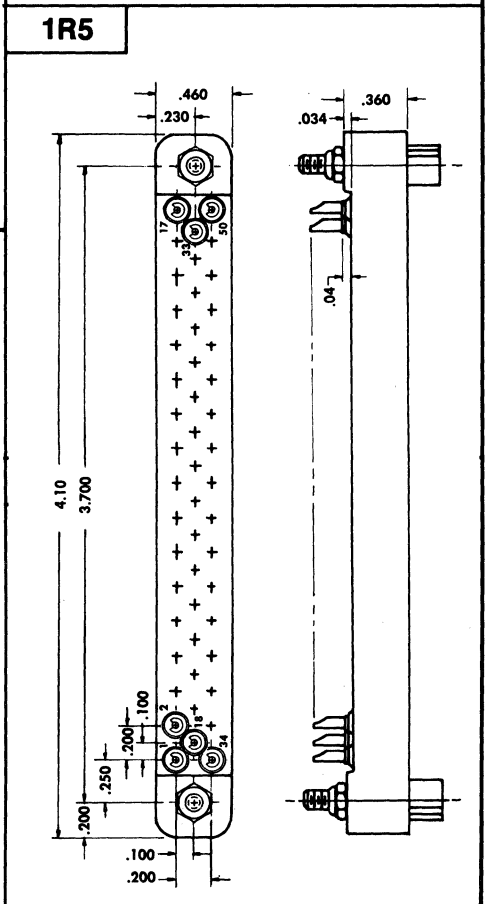
42+6 Kontakte / contacts



OUTLINE DRAWINGS



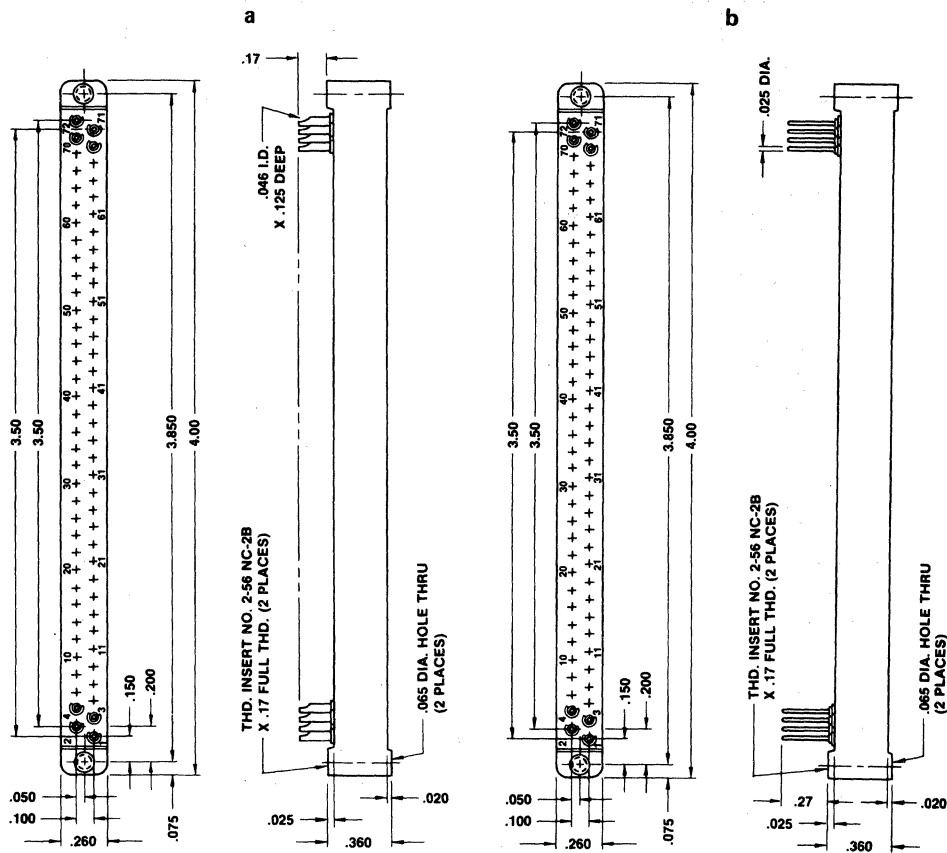
DWG No.	mm	in	A	B	C	D	E
1R2		X	TYP 1.30	TYP 1.00	TYP .360	TYP .360	
1R2a		X	TYP 1.70	TYP 1.40	TYP .360	TYP .360	TYP .04
1R2b		X	TYP 2.10	TYP 1.80	TYP .360	TYP .360	TYP .04
1R2c		X	TYP 2.90	TYP 2.60	TYP .360	TYP .360	TYP .04
1R2d		X	TYP 4.30	TYP 4.00	TYP .360	TYP .360	TYP .04
1R2e		X	TYP 2.45	TYP 2.15	TYP .360	TYP .360	



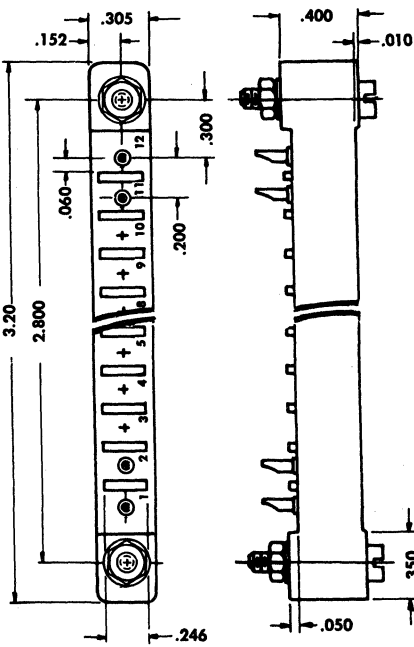
DWG No.	mm	in	A	B	C	D
1R04		X	TYP 2.90	TYP 2.60	TYP .360	TYP .360
1R04a		X	TYP 1.45	TYP 1.15	TYP .360	TYP .453
1R04b		X	TYP 2.45	TYP 2.15	TYP .360	TYP .453
1R04c		X	TYP 2.95	TYP 2.65	TYP .360	TYP .453
1R04d		X	TYP 3.70	TYP 3.40	TYP .360	TYP .453

OUTLINE DRAWINGS

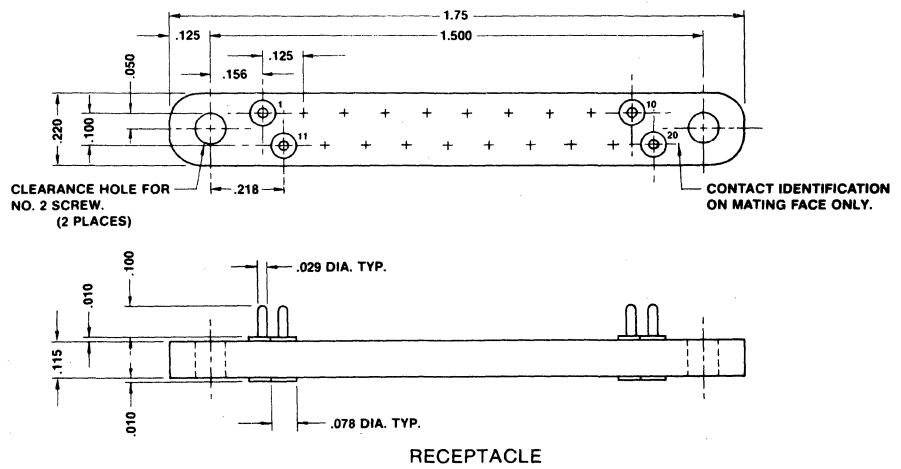
1R8



1R7

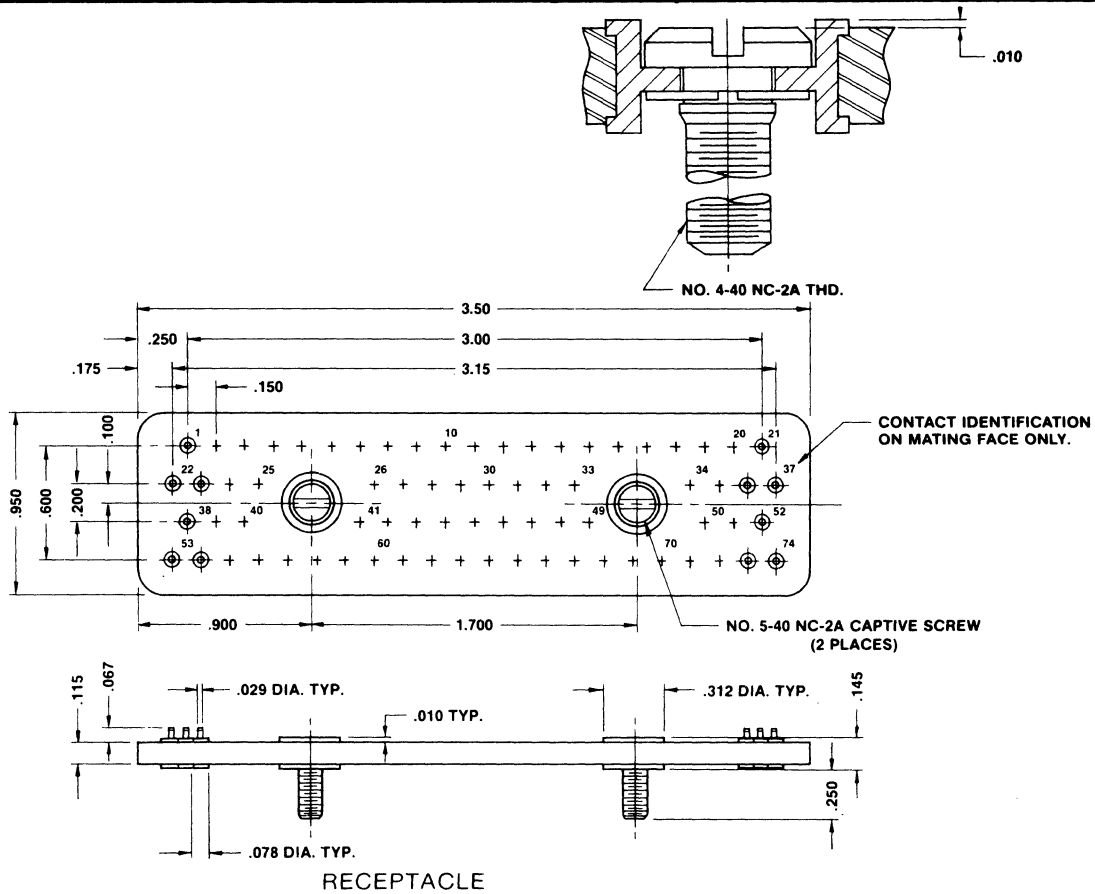


1R9



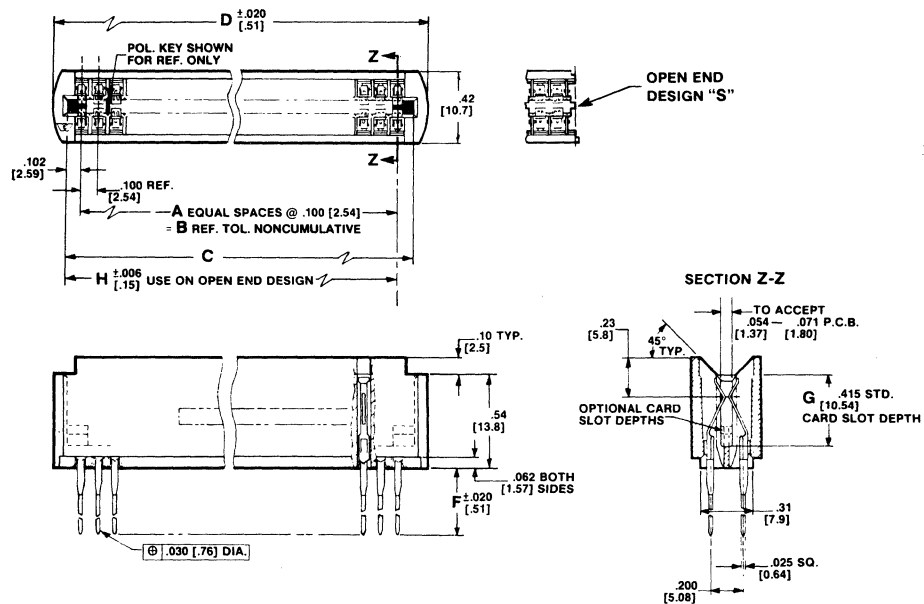
OUTLINE DRAWINGS

1R10



RECEPTACLE

14R2



A	B REF.	C	D ± .020 (.51)	H ± .006 (.15)
14	1.400 (35.56)	1.804 (40.74)	1.734 (44.04)	1.502 (38.15)
60	6.000 (152.40)	6.204 (157.58)	6.334 (160.88)	6.102 (154.99)

TAIL LENGTH (F-DIM):

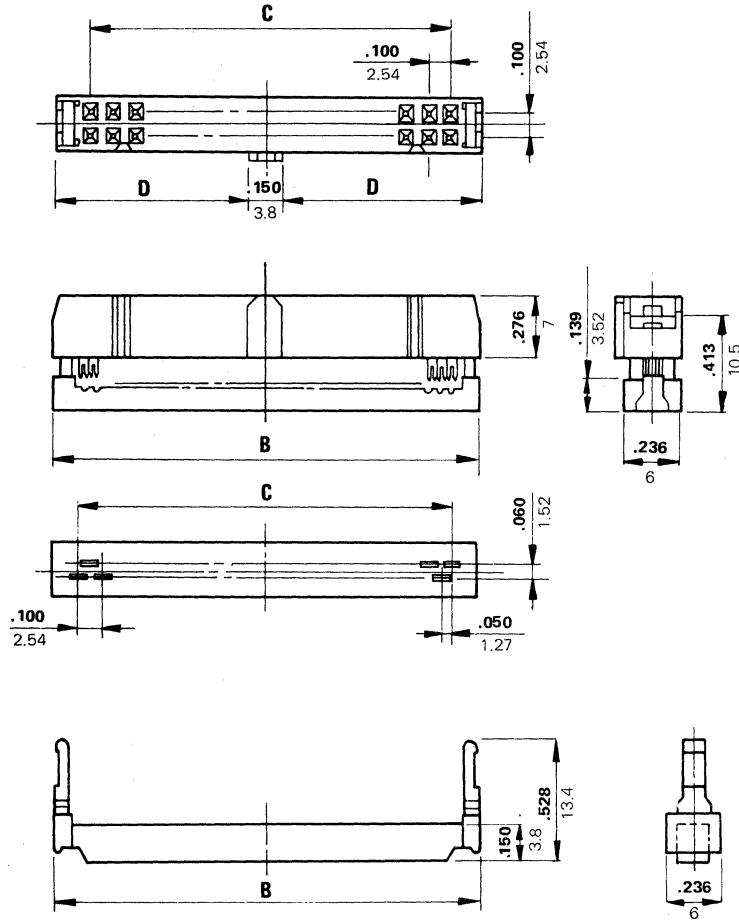
- 1 = .175" (4.44)
- 2 = .475" (12.07)
- 3 = .570" (14.48)
- 4 = .702" (17.83)
- 6 = .365" (9.27)

CARD SLOT DEPTH (G-DIM):

- 1 = .415" (10.54) STANDARD
- 2 = .350" (8.89) OPTIONAL ON SHADED ENDS ONLY
- 3 = .300" (7.62)

OUTLINE DRAWINGS

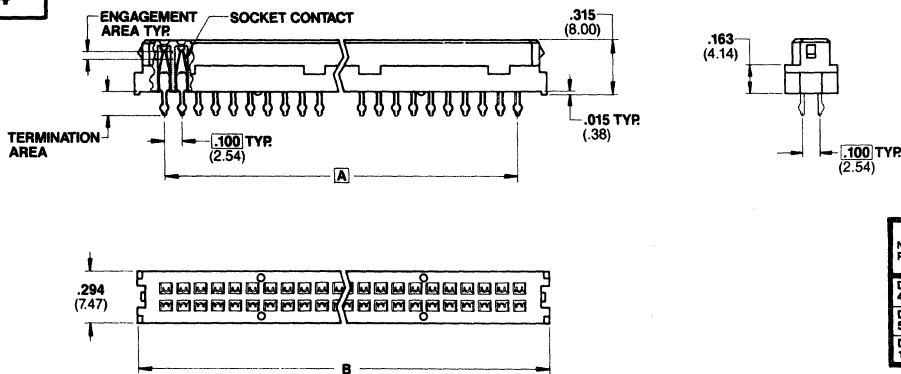
2R3



Shell Size	A ± 0.04 ± 0.1	B ± 0.008 ± 0.2	C ± 0.004 ± 0.1	D ± 0.008 ± 0.2
10	.450 11.43	.680 17.27	.400 10.16	.265 6.74
14	.650 16.51	.880 22.35	.600 15.24	.365 9.28
16	.750 19.05	.980 24.89	.700 17.78	.415 10.55
20	.950 24.13	1.180 29.97	.900 22.86	.515 13.09
24	1.150 29.21	1.380 35.05	1.100 27.94	.615 15.63
26	1.250 31.75	1.480 37.59	1.200 30.48	.665 16.9

Shell Size	A ± 0.04 ± 0.1	B ± 0.008 ± 0.2	C ± 0.004 ± 0.1	D ± 0.008 ± 0.2
30	1.450 36.83	1.680 42.67	1.400 35.56	.765 19.44
34	1.650 41.91	1.880 47.75	1.600 40.64	.865 21.98
40	1.950 49.53	2.180 55.37	1.900 48.26	1.015 25.79
50	2.450 62.63	2.680 68.07	2.400 60.96	1.265 32.14
60	2.950 74.93	3.180 80.77	2.900 73.66	1.515 38.49
64	3.150 80.01	3.380 85.85	3.100 78.74	1.615 41.03

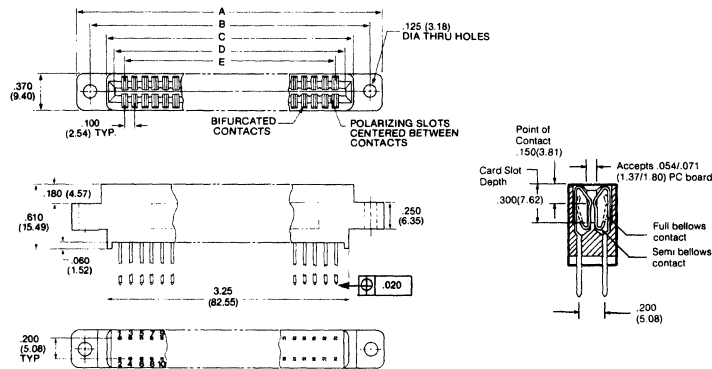
5R4



NUMBER OF POSITIONS	A	B	C	D
DUAL 22 44 CONTACTS	2.100 (53.34)	2.425 (61.60)	2.010 (51.17)	1.010 (25.65)
DUAL 28 56 CONTACTS	2.700 (68.58)	3.025 (76.84)	2.610 (66.41)	1.610 (40.87)
DUAL 50 100 CONTACTS	4.900 (124.46)	5.225 (132.72)	5.510 (139.95)	5.815 (147.70)

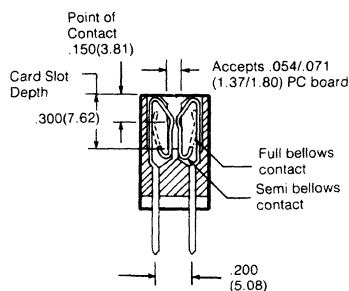
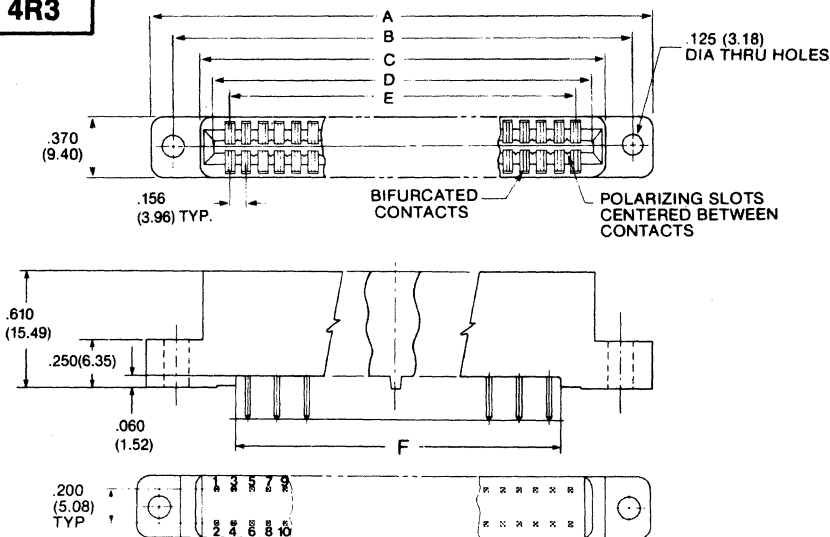
OUTLINE DRAWINGS

4R1



CONTACT POSITION	A	B	C	D	E	F
10/20	1.835 (40.61)	1.575 (40.01)	1.260 (32.00)	1.100 (27.94)	0.900 (22.86)	1.150 (29.21)
15/30	2.335 (59.31)	2.075 (52.07)	1.760 (44.70)	1.600 (40.64)	1.400 (35.56)	1.650 (41.91)
20/40	2.835 (72.01)	2.575 (65.41)	2.260 (57.40)	2.100 (53.34)	1.900 (48.26)	2.150 (54.61)
22/44	3.035 (77.09)	2.775 (70.49)	2.460 (62.48)	2.300 (58.42)	2.100 (53.34)	2.350 (59.69)
25/50	3.335 (84.71)	3.075 (78.11)	2.760 (70.10)	2.600 (66.04)	2.400 (60.96)	2.650 (67.31)
28/56	3.635 (92.33)	3.375 (85.73)	3.060 (77.72)	2.900 (73.66)	2.700 (68.58)	2.950 (74.93)
30/60	3.835 (97.41)	3.575 (90.81)	3.260 (82.80)	3.100 (78.74)	2.900 (73.66)	3.150 (80.01)
31/62	3.935 (99.95)	3.675 (93.35)	3.360 (85.34)	3.200 (81.28)	3.000 (76.20)	3.250 (82.55)
35/80	4.335 (110.11)	4.075 (103.51)	3.760 (95.50)	3.600 (91.44)	3.400 (86.36)	3.650 (92.71)
36/72	4.435 (112.65)	4.175 (106.05)	3.860 (98.04)	3.700 (93.98)	3.500 (88.90)	3.750 (95.25)
40/80	4.835 (122.81)	4.575 (116.21)	4.260 (108.20)	4.100 (104.14)	3.900 (99.06)	4.150 (105.41)
43/86	5.135 (130.43)	4.875 (123.83)	4.560 (115.82)	4.400 (111.76)	4.200 (106.68)	4.450 (113.03)
50/100	5.835 (148.21)	5.575 (141.61)	5.260 (133.60)	5.100 (129.54)	4.900 (124.46)	5.150 (130.81)
55/110	6.335 (160.91)	6.075 (154.31)	5.760 (146.30)	5.600 (142.24)	5.400 (137.16)	5.650 (143.51)
60/120	6.835 (173.61)	6.575 (167.01)	6.260 (159.00)	6.100 (154.94)	5.900 (149.86)	6.150 (156.21)
65/130	7.735 (196.31)	7.075 (179.71)	6.760 (171.70)	6.600 (167.84)	6.400 (162.56)	6.650 (168.91)
70/140	7.835 (199.01)	7.575 (192.41)	7.260 (184.40)	7.100 (180.34)	6.900 (175.26)	7.150 (181.61)

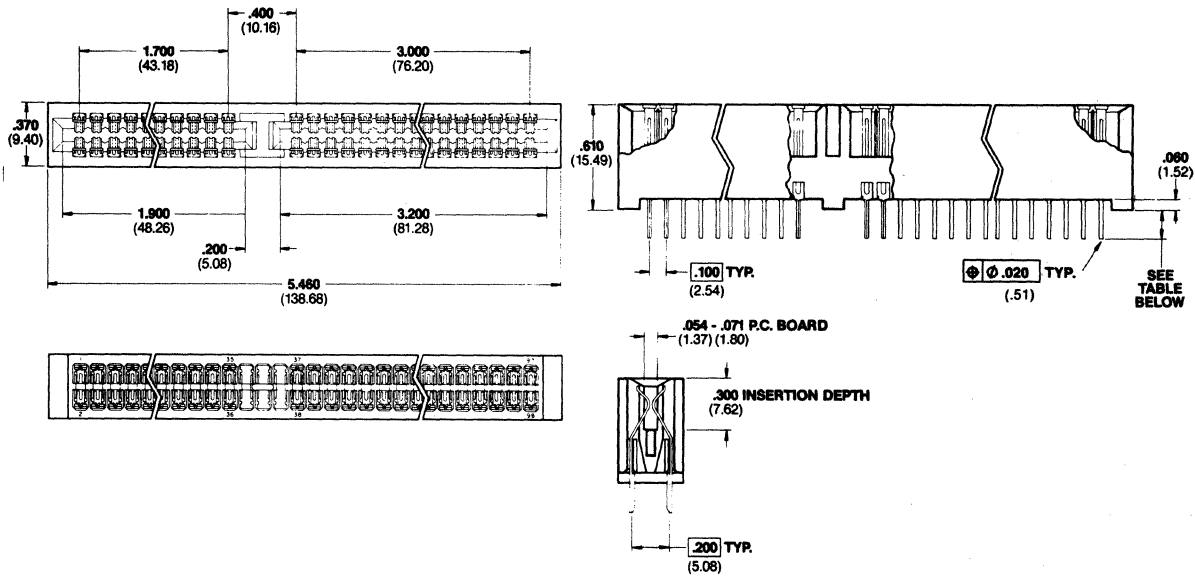
4R3



CONTACT POSITION	A	B	C	D	E	F
22/44	4.348(110.44)	4.030(102.36)	3.748(95.20)	3.596(91.34)	3.276(83.21)	3.465(88.01)
28/56	5.284(134.21)	4.966(124.21)	4.684(118.97)	4.532(115.11)	4.212(106.98)	4.402(111.81)
36/72	6.532(165.91)	6.214(157.83)	5.932(150.67)	5.780(146.81)	5.460(138.68)	5.650(143.51)
43/86	7.624(193.64)	7.306(185.57)	7.024(178.41)	6.854(174.09)	6.552(166.42)	6.742(171.25)
43/86L	7.624(193.64)	7.306(185.57)	7.024(178.41)	6.872(174.55)	6.552(166.42)	6.742(171.25)

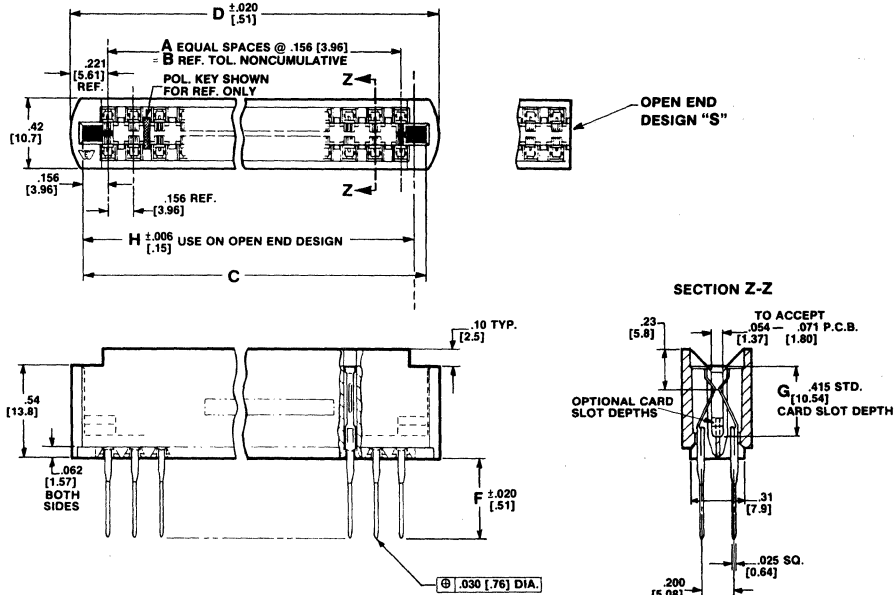
OUTLINE DRAWINGS

5R5



CONTACT POSITIONS (Number of Contacts)	CONTACT TAIL LENGTH
DUAL 18 + 31 (98 Contacts)	.130 ± .020 TYP. (3.30) (.51)
DUAL 18 + 31 (98 Contacts)	.170 ± .020 TYP. (4.32) (.51)

14R3



NUMBER	DIMENSION A
11	.05" (1.27mm)
11	.06" (1.52mm)
11	.08" (2.03mm)
11	.09" (2.28mm)
11	.13" (3.30mm)
11	.16" (4.06mm)
11	.19" (4.83mm)

A	B REF.	C	D ± .020 (.51)	H ± .006 (.15)
9	1.404 (35.66)	1.716 (43.59)	1.846 (46.89)	1.636 (41.55)
42	6.552 (166.42)	6.884 (174.34)	6.994 (177.64)	6.784 (172.31)

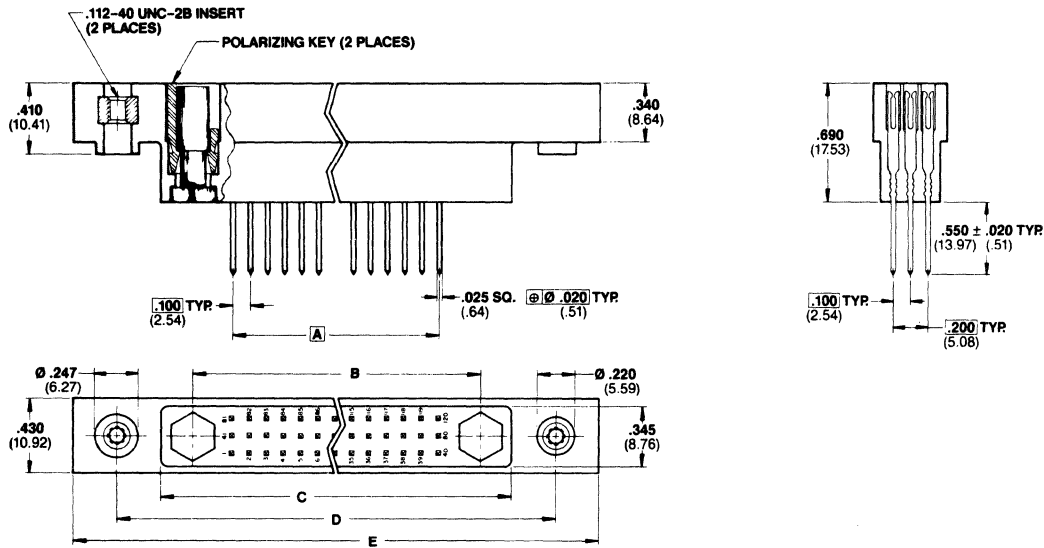
TAIL LENGTH (F-DIM):
 1 = .19" (4.8)
 4 = .702" (17.83)

CARD SLOT DEPTH (G-DIM):
 1 = .415" (10.54) STANDARD
 2 = .350" (8.89) OPTIONAL
 3 = .300" (7.62) ON SHADED ENDS ONLY

NUMBER	B	C	D
11	1.63" (41.40mm)	1.408" (35.763mm)	1.19" (30.23mm)
22	2.79" (70.87mm)	2.540" (64.516mm)	2.29" (58.17mm)

OUTLINE DRAWINGS

5R2

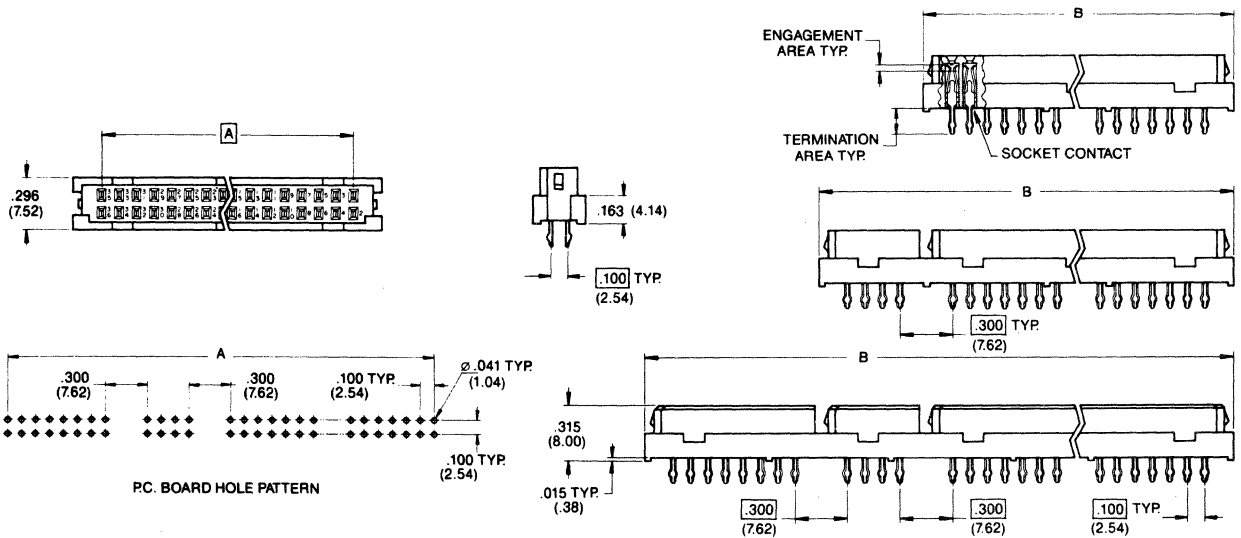


	A	B	C	D	E
NUMBER OF POSITIONS	BSC	± .010	± .010	± .010	± .010
		(.25)	(.25)	(.25)	(.25)
120 CONTACT PLUG	3.900	4.375		4.900	5.200
	(99.06)	(111.12)		(124.46)	(132.08)
120 CONTACT RECEPTACLE	3.900	4.375	4.735	5.250	5.750
	(99.06)	(111.12)	(120.26)	(133.35)	(146.05)

Dimensions are in inches and (millimeters)

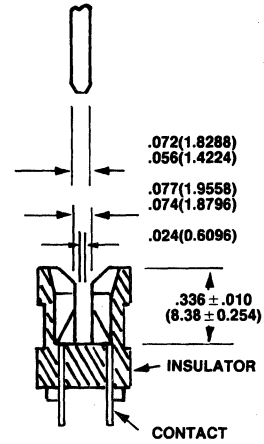
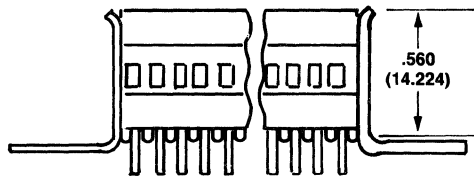
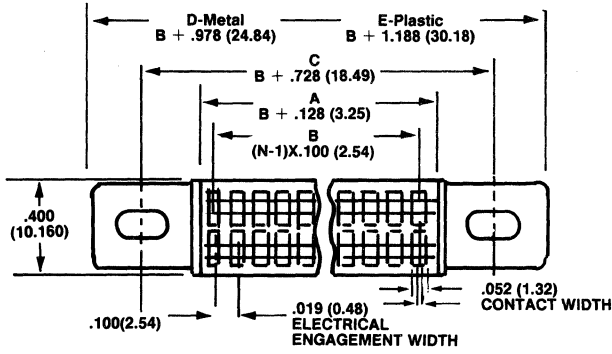
5R3

Number of Positions	Dimensions	
	A	B
Dual 18 36 Contacts	1.700 (43.18)	2.025 (51.44)
Dual 22 Bridge 44 Contacts	2.300 (58.42)	2.825 (71.88)
Dual 30 Bridge 60 Contacts	3.300 (83.82)	3.825 (97.10)

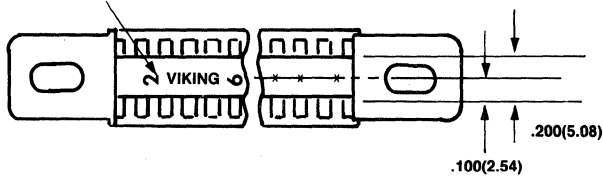


OUTLINE DRAWINGS

5R6

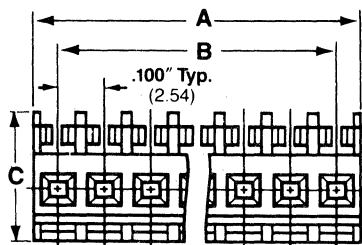
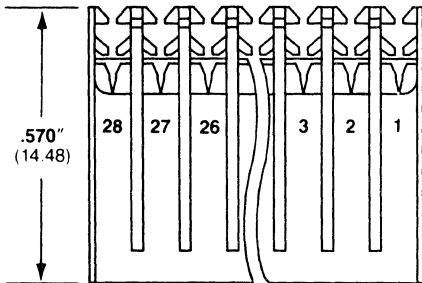


IDENTIFICATION LABEL OPTIONAL



N = Number of Contact Pairs

10R1

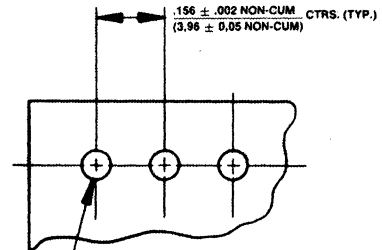
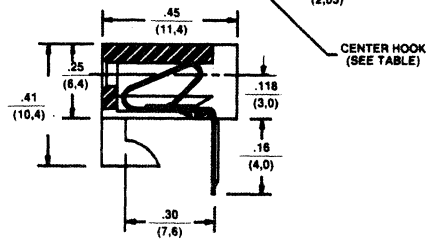
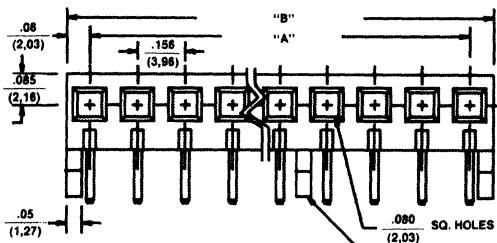
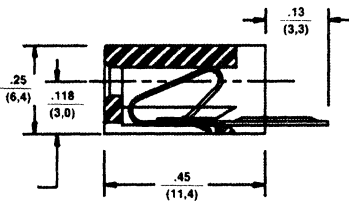
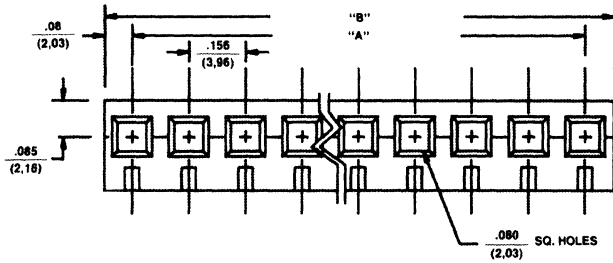
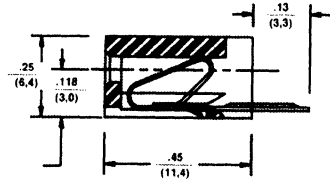
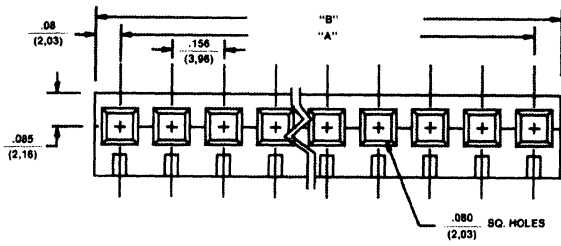


End Connector: $C = .27$
 Through Connector: $C = .30$
 All other dimensions apply to both end and through connectors.

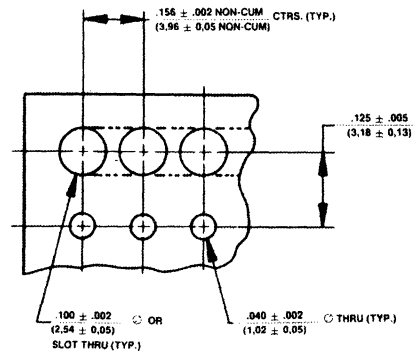
NUMBER OF CIRCUITS	DIMENSIONS	
	A INCHES (mm)	B INCHES (mm)
2	.200 (5.08)	.100 (2.54)
3	.300 (7.62)	.200 (5.08)
4	.400 (10.16)	.300 (7.62)
5	.500 (12.70)	.400 (10.16)
6	.600 (15.24)	.500 (12.70)
7	.700 (17.78)	.600 (15.24)
8	.800 (20.32)	.700 (17.78)
9	.900 (22.86)	.800 (20.32)
10	1.000 (25.40)	.900 (22.86)
11	1.100 (27.94)	1.000 (25.40)
12	1.200 (30.48)	1.100 (27.94)
13	1.300 (33.02)	1.200 (30.48)
14	1.400 (35.56)	1.300 (33.02)
15	1.500 (38.10)	1.400 (35.56)
16	1.600 (40.64)	1.500 (38.10)
17	1.700 (43.18)	1.600 (40.64)
18	1.800 (45.72)	1.700 (43.18)
19	1.900 (48.26)	1.800 (45.72)
20	2.000 (50.80)	1.900 (48.26)
21	2.100 (53.34)	2.000 (50.80)
22	2.200 (55.88)	2.100 (53.34)
23	2.300 (58.42)	2.200 (55.88)
24	2.400 (60.96)	2.300 (58.42)
25	2.500 (63.50)	2.400 (60.96)
26	2.600 (66.04)	2.500 (63.50)
27	2.700 (68.58)	2.600 (66.04)
28	2.800 (71.12)	2.700 (68.58)

OUTLINE DRAWINGS

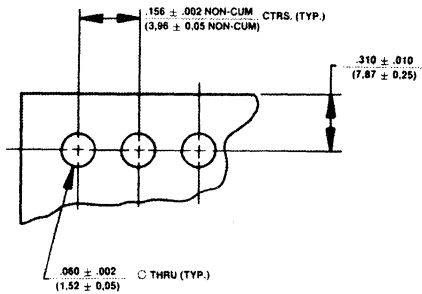
8R1



RECOMMENDED HOLE PATTERN



RECOMMENDED HOLE PATTERN

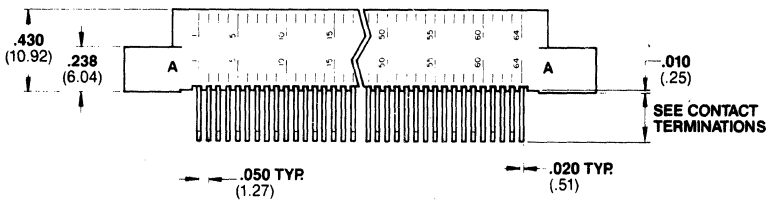
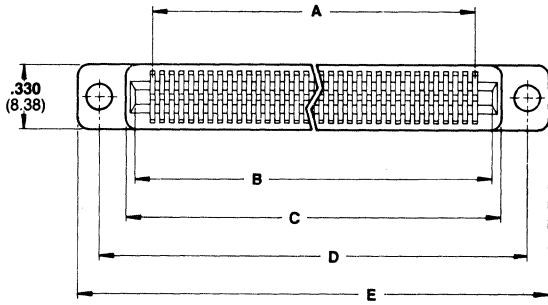


RECOMMENDED HOLE PATTERN

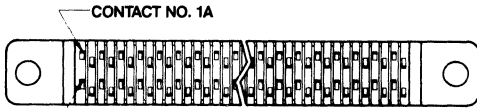
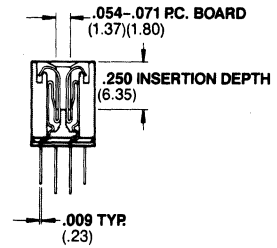
No. of Circuits	Dimension "A"		Dimension "B"	
	Inches	MM	Inches	MM
4	.468	(11,89)	.63	(16,0)
5	.624	(15,85)	.78	(19,8)
6	.780	(19,81)	.94	(23,9)
7	.936	(23,77)	1.10	(27,9)
8	1.092	(27,74)	1.25	(31,8)
9	1.248	(31,70)	1.41	(35,8)
10	1.404	(35,66)	1.56	(39,6)
11	1.560	(39,62)	1.72	(43,7)
12	1.716	(43,59)	1.88	(47,8)
13	1.872	(47,55)	2.03	(51,6)
14	2.028	(51,51)	2.19	(55,6)
15	2.184	(55,69)	2.34	(59,4)

OUTLINE DRAWINGS

5R1



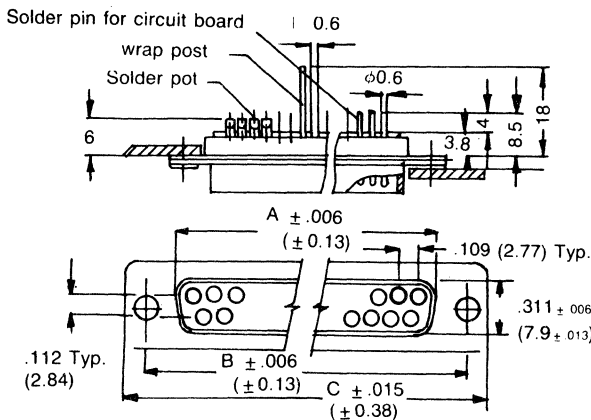
SEE CONTACT TERMINATIONS



CONTACT NO. 1B

CONTACT POSITIONS	A ± .007 (± .18)	B ± .007 (± .18)	C ± .010 (± .25)	D ± .007 (± .18)	E ± .015 (± .38)
6/12	.250 (6.35)	.425 (10.82)	.520 (13.21)	.800 (20.32)	1.020 (25.91)
10/20	.450 (11.43)	.625 (15.90)	.720 (18.29)	1.000 (25.40)	1.220 (30.99)
15/30	.700 (17.78)	.875 (22.25)	.970 (24.64)	1.250 (31.75)	1.470 (37.34)
25/50	1.200 (30.48)	1.375 (34.93)	1.470 (37.34)	1.750 (44.45)	1.970 (50.04)
30/60	1.450 (36.83)	1.625 (41.30)	1.720 (43.69)	2.000 (50.80)	2.220 (56.39)
40/80	1.950 (49.53)	2.125 (54.00)	2.220 (56.39)	2.500 (63.50)	2.720 (69.09)
64/128	3.150 (80.01)	3.325 (84.48)	3.420 (86.87)	3.700 (93.98)	3.920 (99.57)

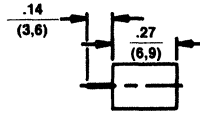
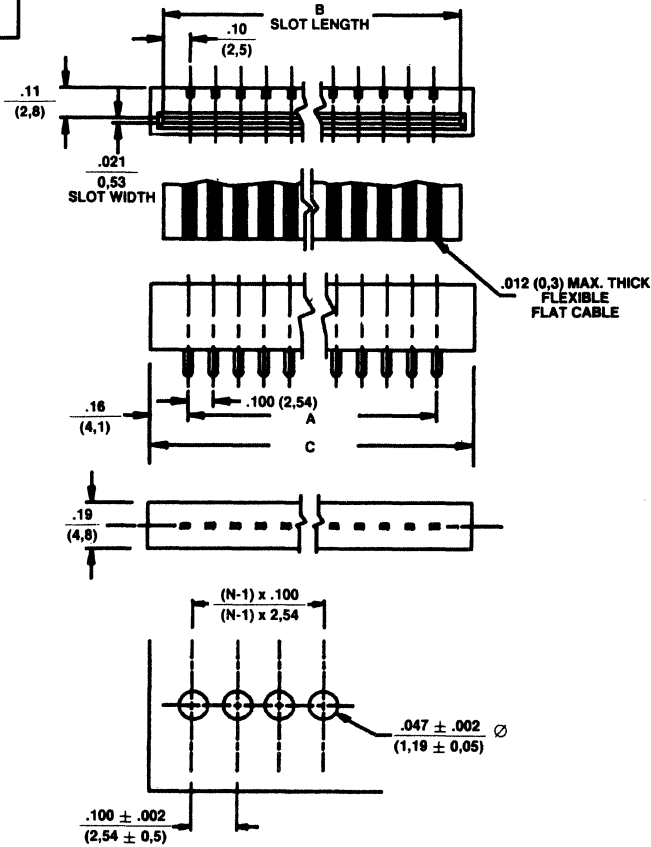
9R1



No. of Contact Pos. (Shell Size)	Dimensions		
	A	B	C
SCD-9S	.643 16.33	.984 24.90	1.213 30.81
SCD-15S	.971 24.66	1.312 33.32	1.541 39.14
SCD-25S	1.511 38.38	1.852 47.04	2.088 53.04
SCD-37S	2.159 54.84	2.500 63.5	2.729 69.32
SCD-50S	2.07 52.5	2.41 61.2	2.657 67.5

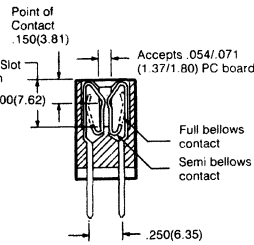
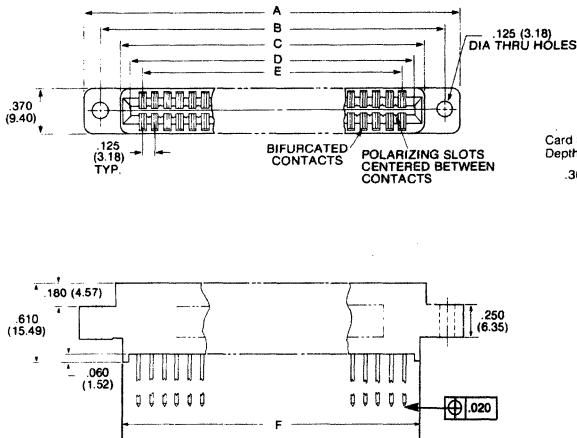
OUTLINE DRAWINGS

8R4



No. of Circuits	Dimension "A"	Dimension "B"	Dimension "C"
6	.500 (12,70)	.712 (18,09)	.82 (20,8)
7	.600 (15,24)	.812 (20,63)	.92 (23,4)
8	.700 (17,78)	.912 (23,17)	1.02 (25,9)
9	.800 (20,32)	1.012 (25,71)	1.12 (28,5)
10	.900 (22,86)	1.112 (28,25)	1.22 (31,0)
11	1.000 (25,40)	1.212 (30,79)	1.32 (33,5)
12	1.100 (27,94)	1.312 (33,33)	1.42 (36,1)
13	1.200 (30,48)	1.412 (35,87)	1.52 (38,6)
14	1.300 (33,02)	1.512 (38,41)	1.62 (41,2)
15	1.400 (35,56)	1.612 (40,95)	1.72 (43,7)
16	1.500 (38,10)	1.712 (43,49)	1.82 (46,2)
17	1.600 (40,64)	1.812 (46,03)	1.92 (48,8)
18	1.700 (43,18)	1.912 (48,57)	2.02 (51,3)
19	1.800 (45,72)	2.012 (51,11)	2.12 (53,9)
20	1.900 (48,26)	2.112 (53,65)	2.22 (56,4)
21	2.000 (50,80)	2.212 (56,19)	2.32 (58,9)
22	2.100 (53,34)	2.312 (58,73)	2.42 (61,5)
23	2.200 (55,88)	2.412 (61,27)	2.52 (64,0)
24	2.300 (58,42)	2.512 (63,81)	2.62 (66,6)
25	2.400 (60,96)	2.612 (66,35)	2.72 (69,1)
26	2.500 (63,50)	2.712 (68,89)	2.82 (71,6)
27	2.600 (66,04)	2.812 (71,43)	2.92 (74,2)
28	2.700 (68,58)	2.912 (73,97)	3.02 (76,1)

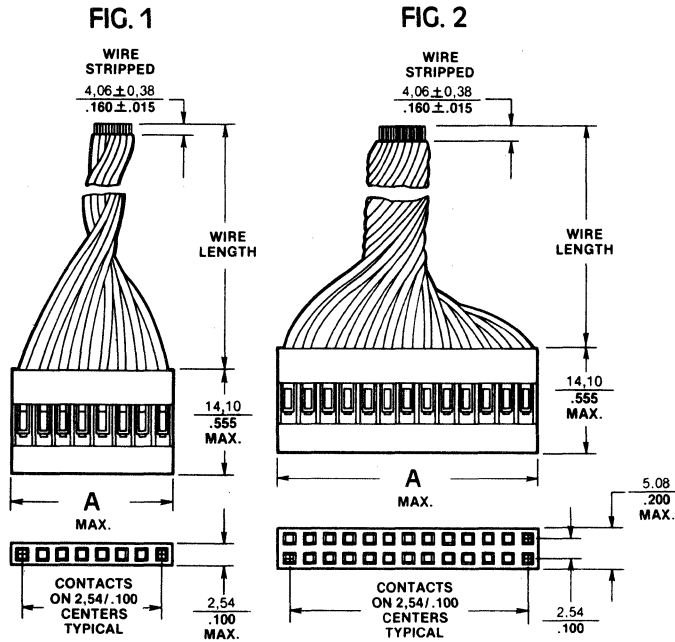
4R2



CONTACT POSITION	A	B	C	D	E	F
15/30	2.680 (68.07)	2.420 (61.47)	2.160 (54.86)	2.000 (50.80)	1.750 (44.50)	2.000 (50.80)
16/36	3.055 (77.60)	2.795 (70.99)	2.535 (64.39)	2.375 (60.33)	2.125 (53.98)	2.375 (60.33)
22/44	3.555 (90.30)	3.295 (83.69)	3.035 (77.09)	2.875 (73.03)	2.625 (66.68)	2.875 (73.03)
28/56	4.305 (109.35)	4.045 (102.74)	3.785 (96.14)	3.625 (92.08)	3.375 (85.73)	3.625 (92.08)
30/60	4.555 (115.70)	4.295 (109.09)	4.035 (102.49)	3.875 (98.43)	3.625 (92.08)	3.875 (98.43)
31/62	4.680 (118.87)	4.420 (112.27)	4.160 (105.66)	4.000 (101.60)	3.750 (95.25)	4.000 (101.60)
35/70	5.180 (131.57)	4.920 (124.97)	4.660 (118.36)	4.500 (114.30)	4.250 (107.95)	4.500 (114.30)
36/72	5.305 (134.75)	5.045 (128.14)	4.785 (121.54)	4.625 (117.48)	4.375 (111.13)	4.625 (117.48)
40/80	5.805 (147.45)	5.545 (140.84)	5.285 (134.24)	5.125 (130.18)	4.875 (123.83)	5.125 (130.18)
43/86	6.180 (156.97)	5.920 (150.37)	5.660 (143.76)	5.500 (139.70)	5.250 (133.35)	5.500 (139.70)
50/100	7.055 (179.20)	6.795 (172.59)	6.535 (165.99)	6.375 (161.93)	6.125 (155.58)	6.375 (161.93)

OUTLINE DRAWINGS

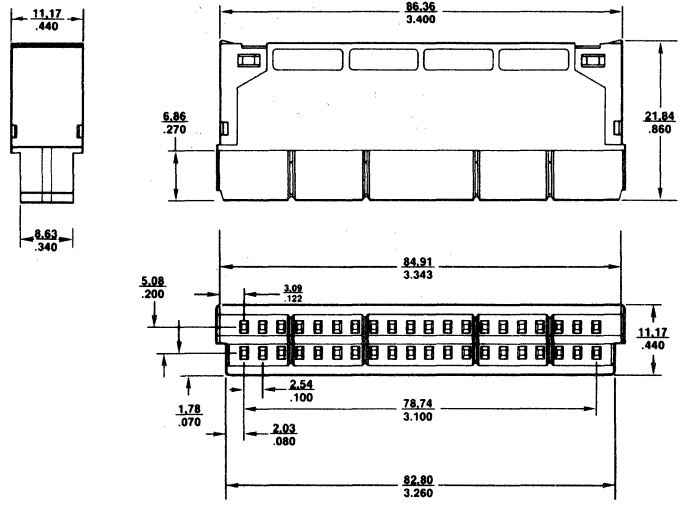
11R1



NOTE: Insulator (only) comes unassembled with crimp type connection contacts. When hand crimping use Augat TCT8136-3 tool for wires 22-26 AWG.

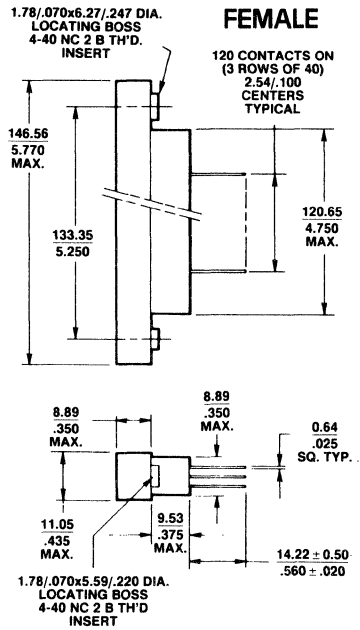
DESCRIPTION	FIG.	A
8 Contact, Single Row	1	.805
12 Contact, Single Row	1	1.205
14 Contact, Single Row	1	1.405
16 Contact, Single Row	1	1.605
20 Contact, Single Row	1	2.005
8 Contact, Double Row	2	.405
12 Contact, Double Row	2	.605
20 Contact, Double Row	2	1.005
26 Contact, Double Row	2	1.305
34 Contact, Double Row	2	1.705
40 Contact, Double Row	2	2.005
50 Contact, Double Row	2	2.505
60 Contact, Double Row	2	3.005
64 Contact, Double Row	2	3.205
72 Contact, Double Row	2	3.605

11R2



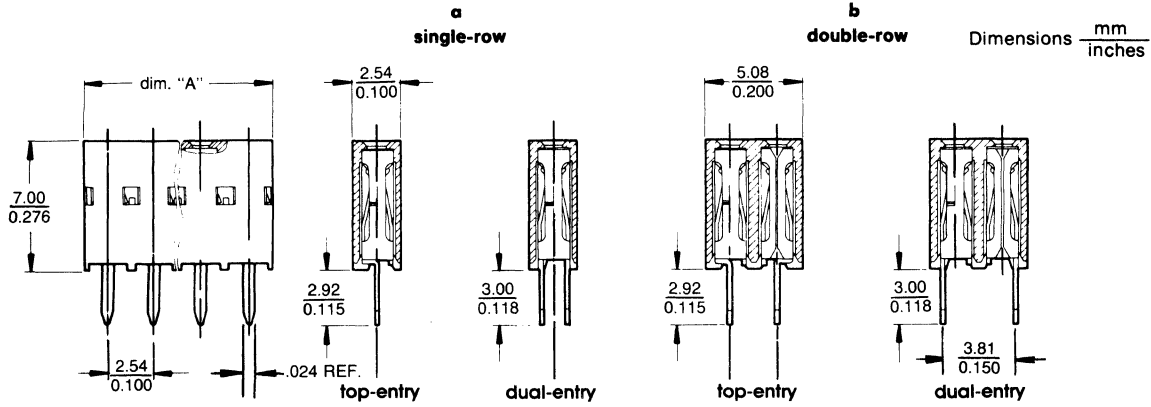
Dimensions specified in
 MILLIMETER
 INCH
 Tolerance: ± 0.13/.005

11R3

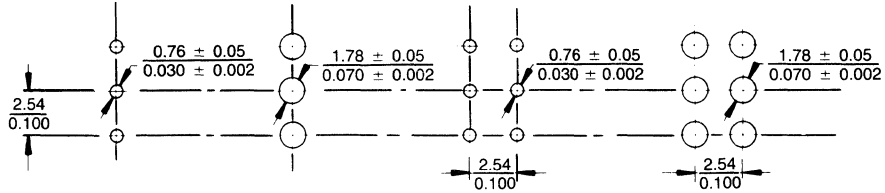


OUTLINE DRAWINGS

12R4



NOTE:
Dual-Entry Connector
cannot be used with
plated-through holes.

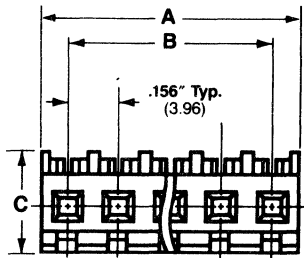
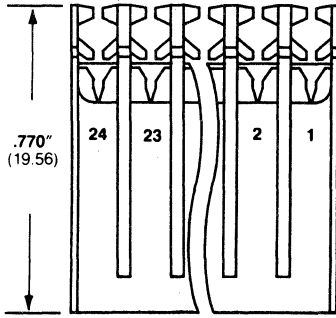


recommended hole patterns

a No. of Positions (Single Row)	b No. of Positions (Double Row)	Dimension A	
		mm	inches
2	2 x 2	5.00	0.197
3	2 x 3	7.54	0.297
4	2 x 4	10.08	0.397
5	2 x 5	12.62	0.497
6	2 x 6	15.16	0.597
7	2 x 7	17.70	0.697
8	2 x 8	20.24	0.797
9	2 x 9	22.78	0.897
10	2 x 10	25.32	0.997
11	2 x 11	27.86	1.097
12	2 x 12	30.40	1.197
13	2 x 13	32.94	1.297
14	2 x 14	35.48	1.397
15	2 x 15	38.02	1.497
16	2 x 16	40.56	1.597
17	2 x 17	43.10	1.697
18	2 x 18	45.64	1.797
19	2 x 19	48.18	1.897
20	2 x 20	50.72	1.997
21	2 x 21	53.26	2.097
22	2 x 22	55.80	2.197
23	2 x 23	58.34	2.297
24	2 x 24	60.88	2.397
25	2 x 25	63.42	2.497
26	2 x 26	65.96	2.597
27	2 x 27	68.50	2.697
28	2 x 28	71.04	2.797
29	2 x 29	73.58	2.897
30	2 x 30	76.12	2.997
31	2 x 31	78.66	3.097
32	2 x 32	81.20	3.197
33	2 x 33	83.74	3.297
34	2 x 34	86.28	3.397
35	2 x 35	88.82	3.497
36	2 x 36	91.36	3.597
37	2 x 37	93.90	3.697
38	2 x 38	96.44	3.797
39	2 x 39	98.98	3.897
40	2 x 40	101.52	3.997
41	2 x 41	104.06	4.097
42	2 x 42	106.60	4.197
43	2 x 43	109.14	4.297
44	2 x 44	111.68	4.397
45	2 x 45	114.22	4.497
46	2 x 46	116.76	4.597
47	2 x 47	119.30	4.697
48	2 x 48	121.84	4.797
49	2 x 49	124.38	4.897
50	2 x 50	126.92	4.997

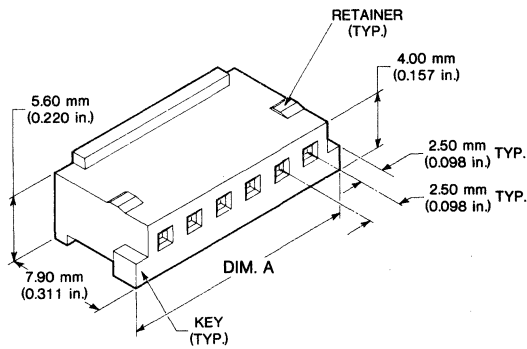
OUTLINE DRAWINGS

10R2



NUMBER OF CIRCUITS	DIMENSIONS	
	A INCHES (mm)	B INCHES (mm)
2	.312 (7.92)	.156 (3.96)
3	.468 (11.89)	.312 (7.92)
4	.624 (15.85)	.468 (11.89)
5	.780 (19.81)	.624 (15.85)
6	.936 (23.77)	.780 (19.81)
7	1.092 (27.74)	.936 (23.77)
8	1.248 (31.70)	1.092 (27.74)
9	1.404 (35.66)	1.248 (31.70)
10	1.560 (39.62)	1.404 (35.66)
11	1.716 (43.59)	1.560 (39.62)
12	1.872 (47.55)	1.716 (43.59)
13	2.028 (51.51)	1.872 (47.55)
14	2.184 (55.47)	2.028 (51.51)
15	2.340 (59.44)	2.184 (55.47)
16	2.496 (63.40)	2.340 (59.44)
17	2.652 (67.36)	2.496 (63.40)
18	2.808 (71.32)	2.652 (67.36)
19	2.964 (75.29)	2.808 (71.32)
20	3.120 (79.25)	2.964 (75.29)
21	3.276 (83.21)	3.120 (79.25)
22	3.432 (87.17)	3.276 (83.21)
23	3.588 (91.14)	3.432 (87.17)
24	3.744 (95.10)	3.588 (91.14)

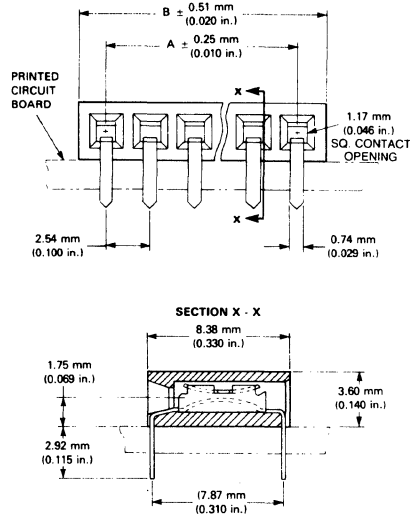
12R3



NO. OF POS.	PART NUMBER	DIMENSION A	
		mm	in.
2	67096-002	7.5	0.295
3	67096-003	10.0	0.393
4	67096-004	12.5	0.492
5	67096-005	15.0	0.590
6	67096-006	17.5	0.688
7	67096-007	20.0	0.787
8	67096-008	22.5	0.885
9	67096-009	25.0	0.984
10	67096-010	27.5	1.082
11	67096-011	30.0	1.181
12	67096-012	32.5	1.279
13	67096-013	35.0	1.377
14	67096-014	37.5	1.476
15	67096-015	40.0	1.574
16	67096-016	42.5	1.673
17	67096-017	45.0	1.771
18	67096-018	47.5	1.870
19	67096-019	50.0	1.968
20	67096-020	52.5	2.066

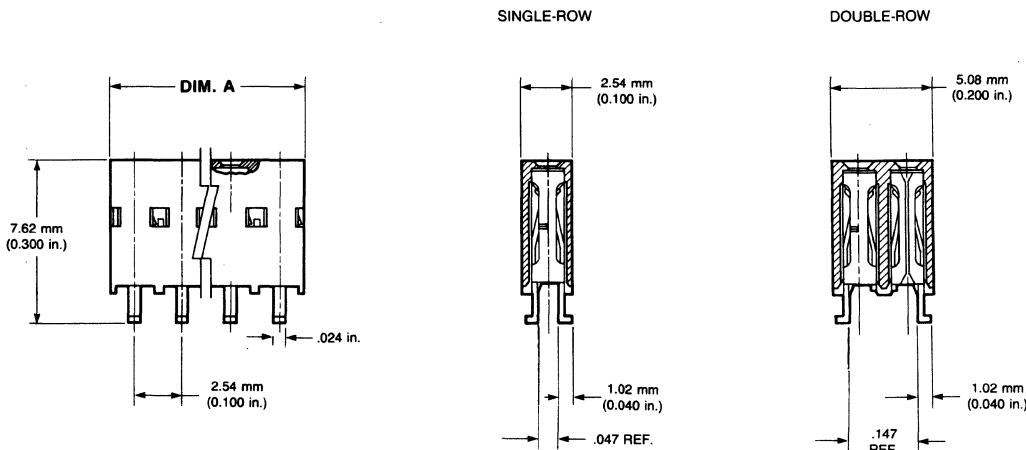
OUTLINE DRAWINGS

12R1



TERMINATIONS PER ROW	DIMENSIONS			
	A		B	
	mm	in.	mm	in.
2	2.54	0.100	8.10	0.240
3	5.08	0.200	8.64	0.340
4	7.62	0.300	11.18	0.440
5	10.16	0.400	13.72	0.540
6	12.70	0.500	16.26	0.640
7	15.24	0.600	18.80	0.740
8	17.78	0.700	21.34	0.840
9	20.32	0.800	23.88	0.940
10	22.86	0.900	26.42	1.040
11	25.40	1.000	28.96	1.140
12	27.94	1.100	31.50	1.240
13	30.48	1.200	34.04	1.340
14	33.02	1.300	36.58	1.440
15	35.56	1.400	39.12	1.540
16	38.10	1.500	41.66	1.640
17	40.64	1.600	44.20	1.740
18	43.18	1.700	46.74	1.840
19	45.72	1.800	49.28	1.940
20	48.26	1.900	51.82	2.040
21	50.80	2.000	54.36	2.140
22	53.34	2.100	56.90	2.240
23	55.88	2.200	59.44	2.340
24	58.42	2.300	61.98	2.440
25	60.96	2.400	64.52	2.540
26	63.50	2.500	67.06	2.640
27	66.04	2.600	69.60	2.740
28	68.58	2.700	72.14	2.840
29	72.12	2.800	74.68	2.940
30	73.66	2.900	77.22	3.040
31	76.20	3.000	79.76	3.140
32	78.74	3.100	82.30	3.240
33	81.28	3.200	84.84	3.340
34	83.82	3.300	87.38	3.440
35	86.36	3.400	89.92	3.540
36	88.90	3.500	92.46	3.640
37	91.44	3.600	95.00	3.740
38	93.98	3.700	97.54	3.840
39	96.52	3.800	100.08	3.940
40	99.06	3.900	102.62	4.040
41	101.60	4.000	105.16	4.140
42	104.14	4.100	107.70	4.240
43	106.68	4.200	110.24	4.340
44	109.22	4.300	112.78	4.440
45	111.76	4.400	115.32	4.540
46	114.30	4.500	117.86	4.640
47	116.84	4.600	120.40	4.740
48	119.38	4.700	122.94	4.840
49	121.92	4.800	125.48	4.940
50	124.46	4.900	128.02	5.040
51	127.00	5.000	130.56	5.140
52	129.54	5.100	133.10	5.240

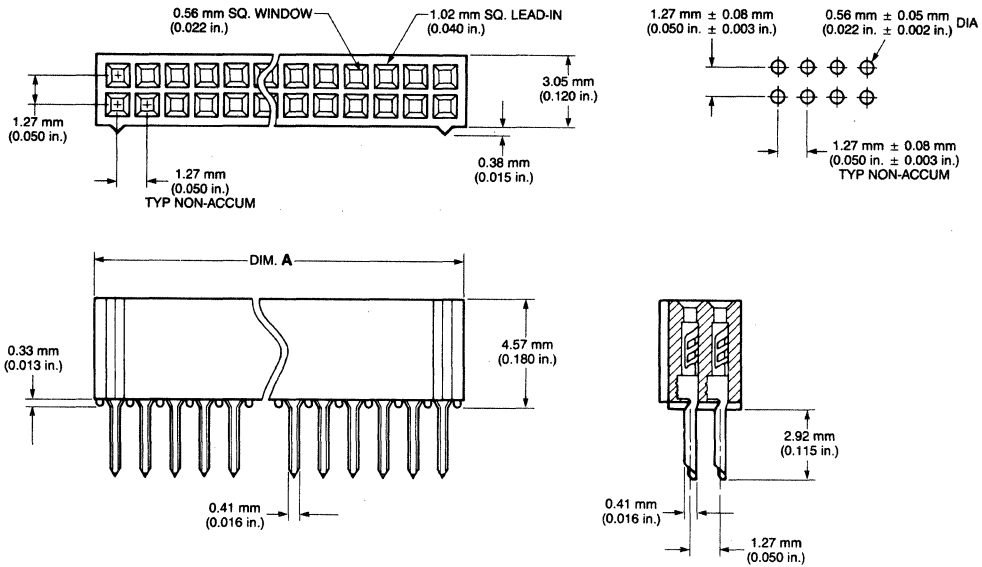
12R2



NO. OF POSITIONS (SINGLE ROW)	NO. OF POSITIONS (DOUBLE ROW)	DIMENSION A	
		mm	in.
2	2 x 2	5.00	0.197
3	2 x 3	7.54	0.297
4	2 x 4	10.08	0.397
5	2 x 5	12.62	0.497
6	2 x 6	15.16	0.597
7	2 x 7	17.70	0.697
8	2 x 8	20.24	0.797
9	2 x 9	22.78	0.897
10	2 x 10	25.32	0.997
11	2 x 11	27.86	1.097
12	2 x 12	30.40	1.197
13	2 x 13	32.94	1.297
14	2 x 14	35.48	1.397
15	2 x 15	38.02	1.497
16	2 x 16	40.56	1.597
17	2 x 17	43.10	1.697
18	2 x 18	45.64	1.797
19	2 x 19	48.18	1.897
20	2 x 20	50.72	1.997
21	2 x 21	53.26	2.097
22	2 x 22	55.80	2.197
23	2 x 23	58.34	2.297
24	2 x 24	60.88	2.397
25	2 x 25	63.42	2.497
26	2 x 26	65.96	2.597
27	2 x 27	68.50	2.697
28	2 x 28	71.04	2.797
29	2 x 29	73.58	2.897
30	2 x 30	76.12	2.997
31	2 x 31	78.66	3.097
32	2 x 32	81.20	3.197
33	2 x 33	83.74	3.297
34	2 x 34	86.28	3.397
35	2 x 35	88.82	3.497
36	2 x 36	91.36	3.597
37	2 x 37	93.90	3.697
38	2 x 38	96.44	3.797
39	2 x 39	98.98	3.897
40	2 x 40	101.52	3.997
41	2 x 41	104.06	4.097
42	2 x 42	106.60	4.197
43	2 x 43	109.14	4.297
44	2 x 44	111.68	4.397
45	2 x 45	114.22	4.497
46	2 x 46	116.76	4.597
47	2 x 47	119.30	4.697
48	2 x 48	121.84	4.797
49	2 x 49	124.38	4.897
50	2 x 50	126.92	4.997

OUTLINE DRAWINGS

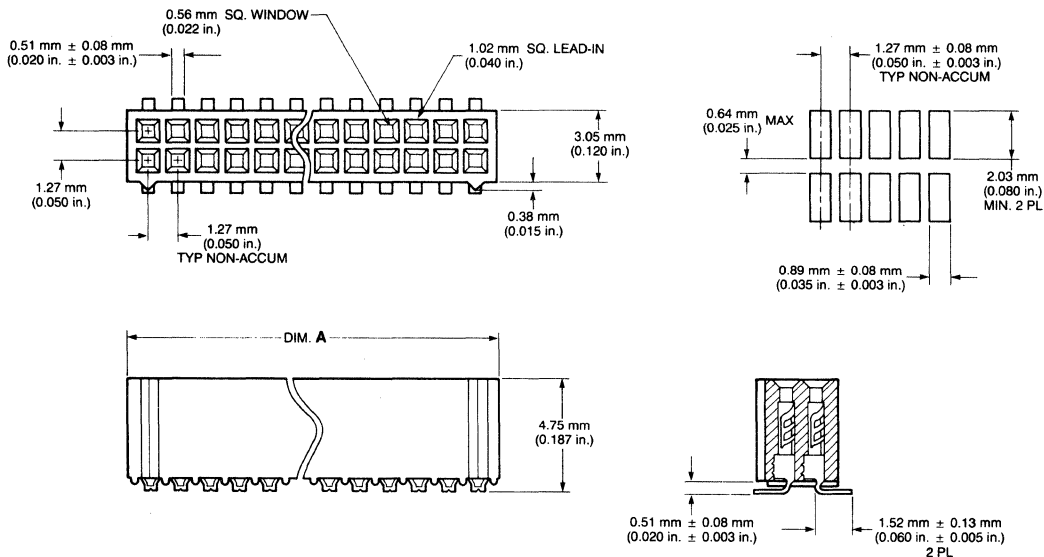
12R5



Note: Other pin lengths available.

Number of Positions	Dimension A	
	mm	in.
2 x 5	6.76	0.266
2 x 10	13.11	0.516
2 x 15	19.46	0.766
2 x 20	25.81	1.016
2 x 25	32.16	1.266
2 x 30	38.51	1.516
2 x 35	44.86	1.766
2 x 40	51.21	2.016
2 x 45	57.56	2.266
2 x 50	63.91	2.516

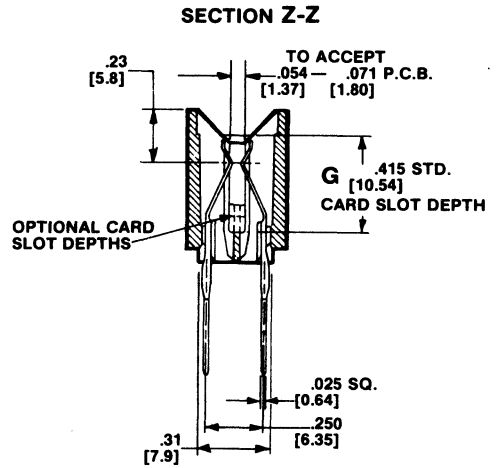
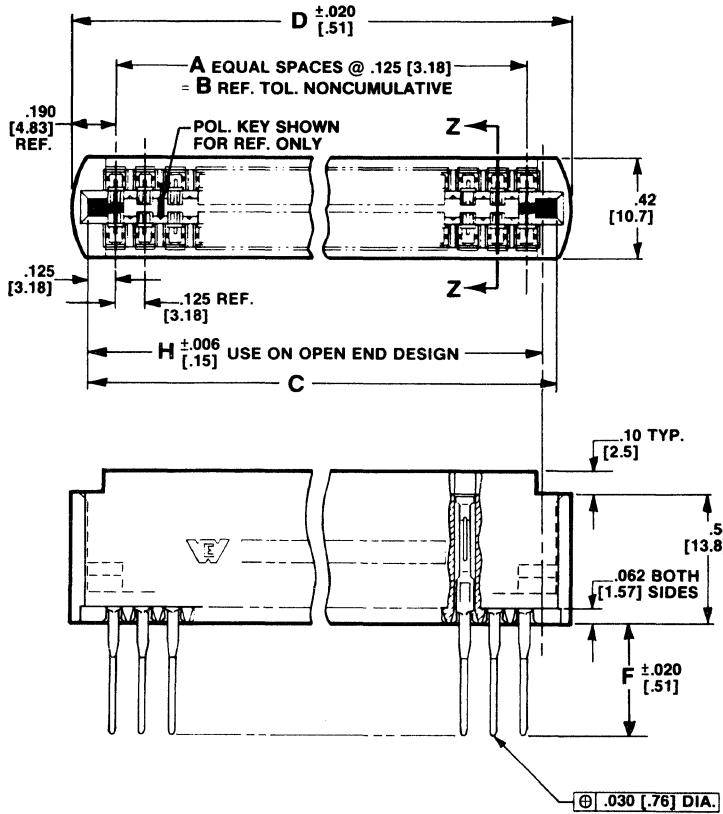
12R6



Number of Positions	Dimension A	
	mm	in.
2 x 5	6.76	0.266
2 x 10	13.11	0.516
2 x 15	19.46	0.766
2 x 20	25.81	1.016
2 x 25	32.16	1.266
2 x 30	38.51	1.516
2 x 35	44.86	1.766
2 x 40	51.21	2.016
2 x 45	57.56	2.266
2 x 50	63.91	2.516

OUTLINE DRAWINGS

14R1



A	B REF.	C	D ± .020 (.51)	H ± .006 (.15)
14	1.750 (44.45)	2.000 (50.80)	2.130 (54.10)	1.935 (49.15)
60	7.500 (190.50)	7.750 (196.85)	7.880 (200.15)	7.685 (195.20)

CARD SLOT DEPTH (G-DIM):

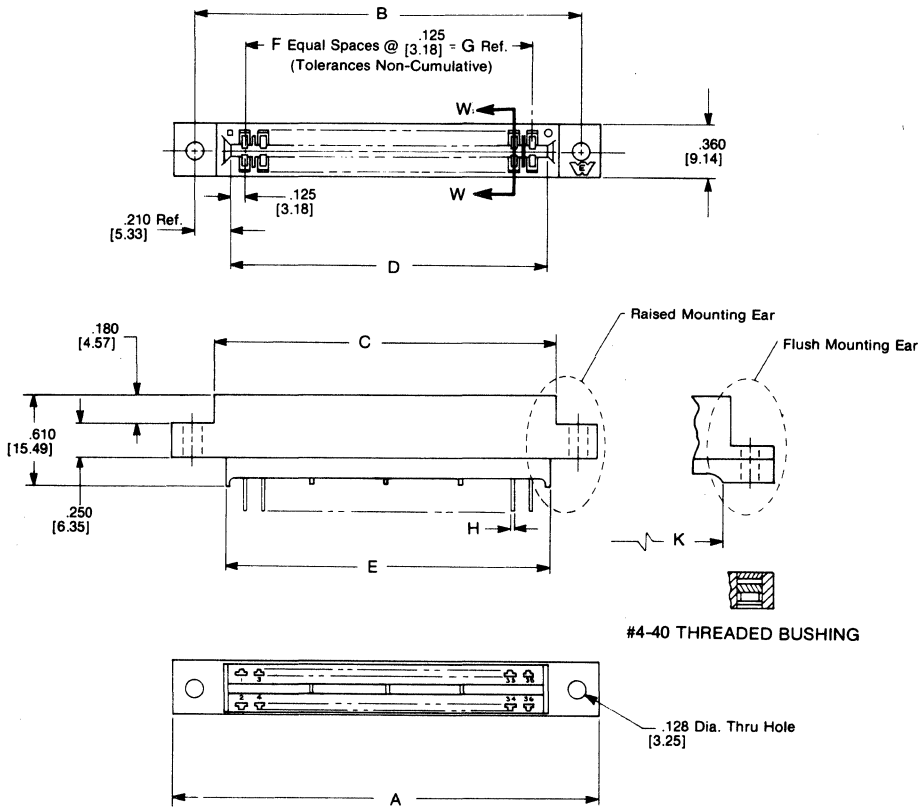
- 1 = .415" (10.54) STANDARD
- 2 = .350" (8.89) { OPTIONAL
- 3 = .300" (7.62) { ON SHADED ENDS ONLY

TAIL LENGTH (F-DIM):

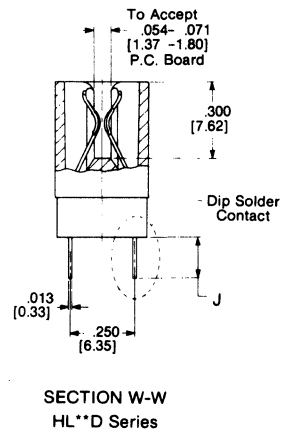
- 1 = .175" (4.44)
- 2 = .475" (12.00)
- 3 = .570" (14.48)
- 4 = .702" (17.83)

OUTLINE DRAWINGS

14R5

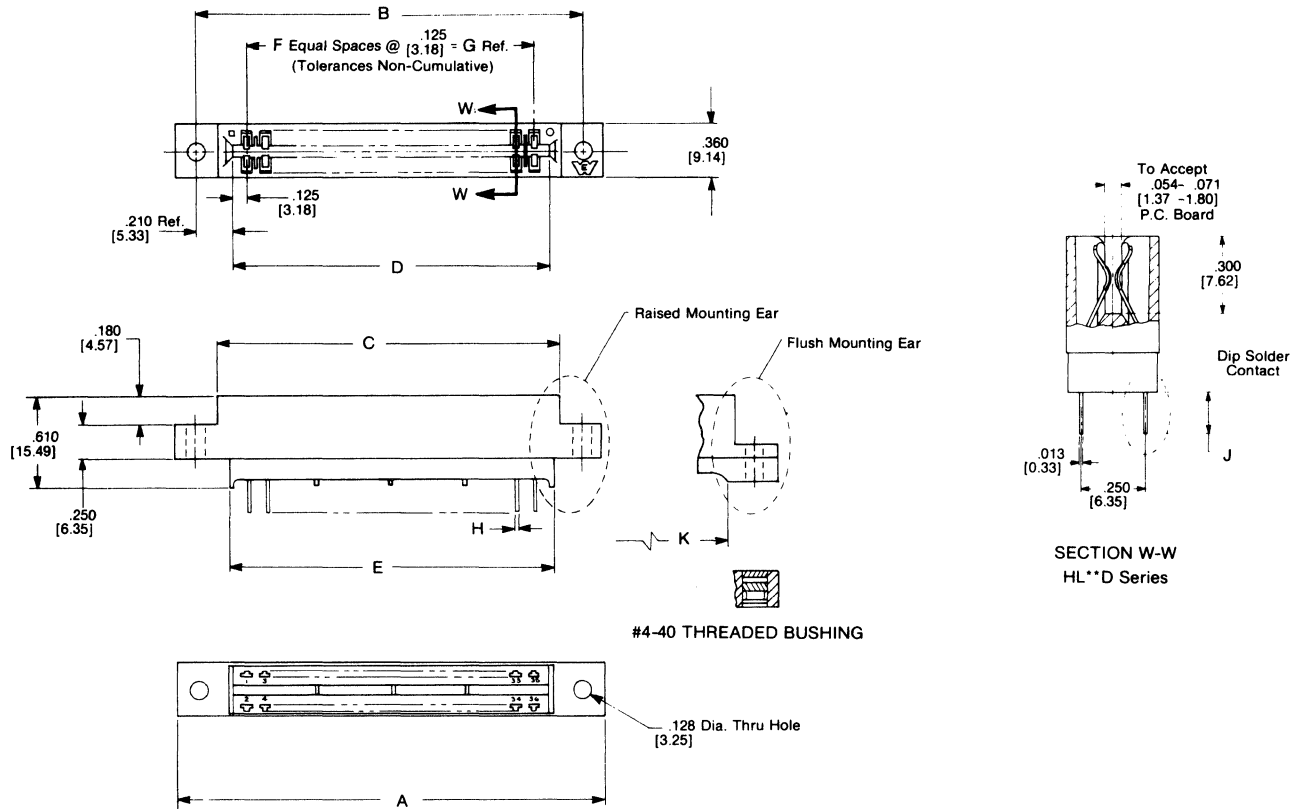


Number	A	B	C	D	E	F	G Ref.	K
10	1.840 [46.74]	.1575 [40.00]	1.260 [32.00]	1.100 [27.94]	1.150 [29.21]	9	.900 [22.86]	1.060 [26.92]
12	2.040 [51.82]	1.775 [45.09]	1.460 [37.08]	1.300 [33.02]	1.350 [34.29]	11	1.100 [27.94]	1.260 [32.00]
13	2.140 [54.36]	1.875 [47.63]	1.560 [39.62]	1.400 [35.56]	1.450 [36.83]	12	1.200 [30.48]	1.360 [34.54]
20	2.840 [72.14]	2.575 [65.40]	2.260 [57.40]	2.100 [53.34]	2.150 [54.61]	19	1.900 [48.26]	2.060 [52.32]
25	3.340 [84.84]	3.075 [78.10]	2.760 [70.10]	2.600 [66.04]	2.650 [67.31]	24	2.400 [60.96]	2.560 [65.02]
30	3.840 [97.54]	3.575 [90.80]	3.260 [82.80]	3.100 [78.74]	3.150 [80.01]	29	2.900 [73.66]	3.060 [77.72]
36	4.440 [112.78]	4.175 [106.04]	3.860 [98.04]	3.700 [93.98]	3.750 [95.25]	35	3.500 [88.90]	3.660 [92.96]
40	4.840 [122.94]	4.575 [116.20]	4.260 [108.20]	4.100 [104.14]	4.150 [105.41]	39	3.900 [99.06]	4.060 [103.12]
43	5.140 [130.56]	4.875 [123.82]	4.560 [115.82]	4.400 [111.76]	4.450 [113.03]	42	4.200 [106.68]	4.360 [110.74]
50	5.840 [148.34]	5.575 [141.60]	5.260 [133.60]	5.100 [129.54]	5.150 [130.81]	49	4.900 [124.46]	5.060 [128.52]
60	6.840 [173.74]	6.575 [167.00]	6.260 [159.00]	6.100 [154.94]	6.150 [156.21]	59	5.900 [149.86]	6.060 [153.92]
61	6.940 [176.28]	6.675 [169.54]	6.360 [161.54]	6.200 [157.48]	6.250 [158.75]	60	6.000 [152.40]	6.160 [156.46]
65	7.340 [186.44]	7.075 [179.70]	6.760 [171.70]	6.600 [167.64]	6.650 [168.91]	64	6.400 [162.56]	6.560 [166.62]
70	7.840 [199.14]	7.575 [192.40]	7.260 [184.40]	7.100 [180.34]	7.150 [181.61]	69	6.900 [175.26]	7.060 [179.32]



OUTLINE DRAWINGS

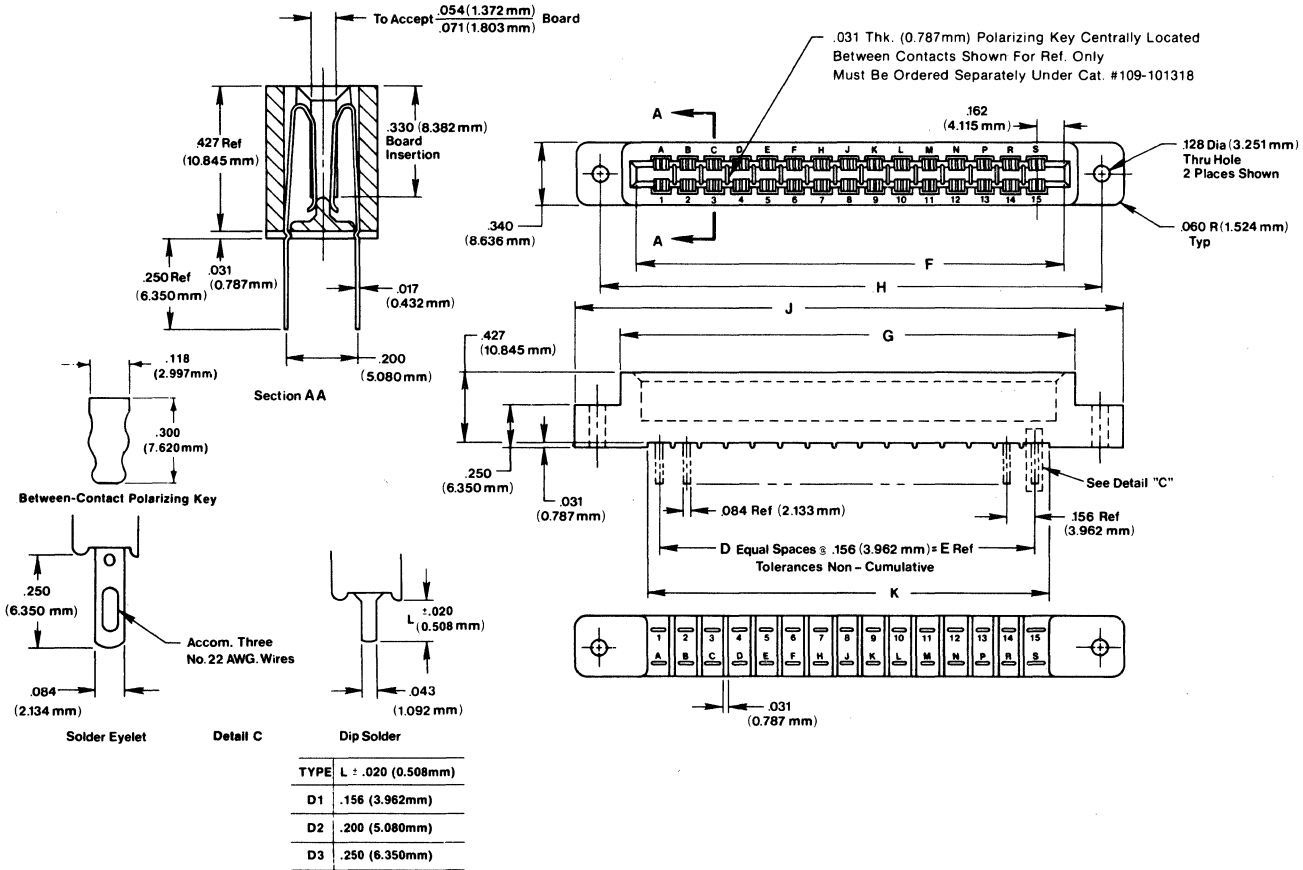
14R6



Catalog Number	A	B	C	D	E	F	G Ref.	K
15	2.675 [67.94]	2.420 [61.47]	2.155 [54.74]	2.000 [50.80]	1.995 [50.67]	14	1.750 [44.45]	1.905 [48.39]
18	3.050 [77.47]	2.795 [70.99]	2.530 [64.26]	2.375 [60.32]	2.370 [60.20]	17	2.125 [53.98]	2.280 [57.91]
20	3.300 [83.82]	3.045 [77.34]	2.780 [70.61]	2.625 [66.68]	2.620 [66.55]	19	2.375 [60.32]	2.530 [64.26]
28	4.300 [109.22]	4.045 [102.74]	3.780 [96.01]	3.625 [92.08]	3.620 [91.95]	27	3.375 [85.72]	3.530 [89.66]
30	4.550 [115.57]	4.295 [109.09]	4.030 [102.36]	3.875 [98.42]	3.870 [98.30]	29	3.625 [92.08]	3.780 [96.01]
31	4.675 [118.74]	4.420 [112.27]	4.155 [105.54]	4.000 [101.60]	3.995 [101.47]	30	3.750 [95.25]	3.905 [99.19]
36	5.300 [134.62]	5.045 [128.14]	4.780 [121.41]	4.625 [117.48]	4.620 [117.35]	35	4.375 [111.12]	4.530 [115.06]
40	5.800 [147.32]	5.545 [140.84]	5.280 [134.11]	5.125 [130.18]	5.120 [130.05]	39	4.875 [123.82]	5.030 [127.76]
43	6.175 [156.84]	5.920 [150.37]	5.655 [143.64]	5.500 [139.70]	5.495 [139.57]	42	5.250 [133.35]	5.405 [137.29]
44	6.300 [160.02]	6.045 [153.54]	5.780 [146.81]	5.625 [142.88]	5.620 [142.75]	43	5.375 [136.53]	5.530 [140.46]
49	6.925 [175.90]	6.670 [169.42]	6.405 [162.69]	6.250 [158.75]	6.245 [158.62]	48	6.000 [152.40]	6.155 [156.34]
50	7.050 [179.07]	6.795 [172.59]	6.530 [165.86]	6.375 [161.92]	6.370 [161.80]	49	6.125 [155.58]	6.280 [159.51]

OUTLINE DRAWINGS

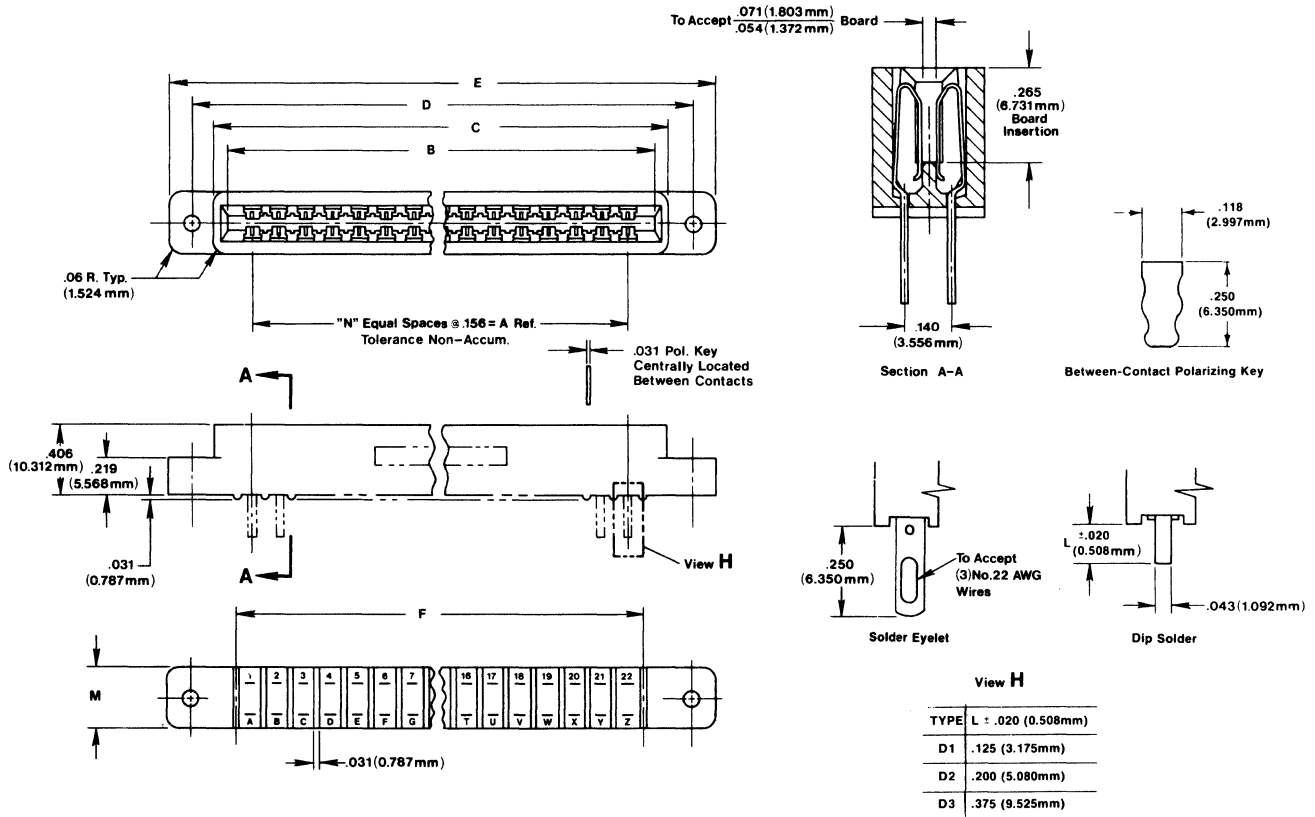
14R7



Number of Contacts	D	E	F	G	H	J	K
12	.780" (19.812mm)	1.100" (27.940mm)	1.239" (31.471mm)	1.531" (38.887mm)	1.785" (45.339mm)	.905" (22.987mm)	
20	1.404" (35.662mm)	1.724" (43.790mm)	1.864" (47.346mm)	2.156" (54.762mm)	2.410" (61.214mm)	1.529" (38.837mm)	
30	2.184" (55.474mm)	2.504" (63.602mm)	2.645" (67.183mm)	2.937" (74.600mm)	3.191" (81.051mm)	2.309" (58.649mm)	
36	2.652" (67.361mm)	2.972" (75.489mm)	3.114" (79.096mm)	3.406" (86.512mm)	3.660" (92.964mm)	2.777" (70.536mm)	
44	3.276" (83.210mm)	3.596" (91.338mm)	3.739" (94.971mm)	4.031" (102.387mm)	4.285" (108.839mm)	3.401" (86.385mm)	
50	3.744" (95.098mm)	4.067" (103.302mm)	4.208" (106.883mm)	4.500" (114.300mm)	4.754" (120.757mm)	3.869" (98.273mm)	

OUTLINE DRAWINGS

14R8



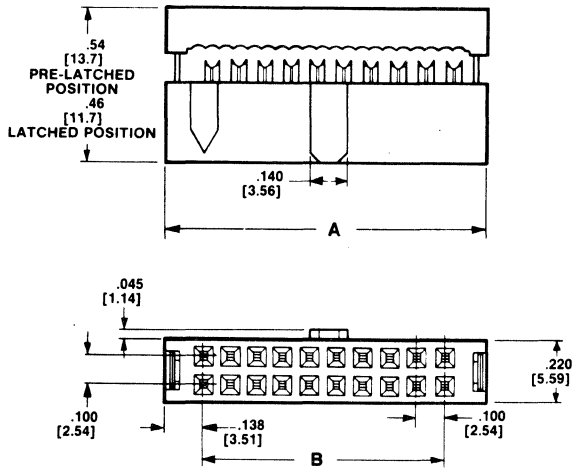
View H

TYPE	L ± .020 (0.508mm)
D1	.125 (3.175mm)
D2	.200 (5.080mm)
D3	.375 (9.525mm)

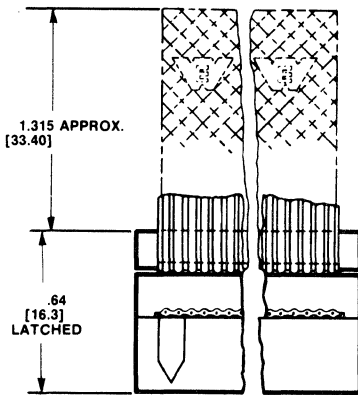
No. of Contacts	A	B	C	D	E	F	N	M
12	.780" (19.812mm)	1.078" (27.381mm)	1.218" (30.937mm)	1.531" (38.887mm)	1.785" (45.339mm)	.936" (23.774mm)	5	
20	1.404" (35.662mm)	1.703" (43.256mm)	1.843" (46.812mm)	2.156" (54.762mm)	2.410" (61.214mm)	1.560" (39.624mm)	9	
30	2.184" (55.474mm)	2.484" (63.094mm)	2.624" (66.650mm)	2.937" (74.600mm)	3.191" (81.051mm)	2.340" (59.436mm)	14	
36	2.652" (67.361mm)	2.953" (75.006mm)	3.093" (78.562mm)	3.406" (86.512mm)	3.660" (92.964mm)	2.808" (71.323mm)	17	
44	3.276" (83.210mm)	3.578" (90.881mm)	3.717" (94.412mm)	4.031" (102.387mm)	4.285" (108.839mm)	3.432" (87.172mm)	21	
56	4.212" (106.985mm)	4.512" (114.605mm)	4.652" (118.161mm)	4.965" (126.111mm)	5.219" (132.563mm)	4.368" (110.947mm)	27	
72	5.460" (138.684mm)	5.760" (146.304mm)	5.900" (148.860mm)	6.213" (157.810mm)	6.467" (164.262mm)	5.616" (142.646mm)	35	
86	6.552" (166.421mm)	6.802" (172.77mm)	6.992" (177.597mm)	7.305" (185.547mm)	7.559" (191.999mm)	6.708" (170.383mm)	42	.328" (8.331mm) .437" (11.100mm)

OUTLINE DRAWINGS

14R11

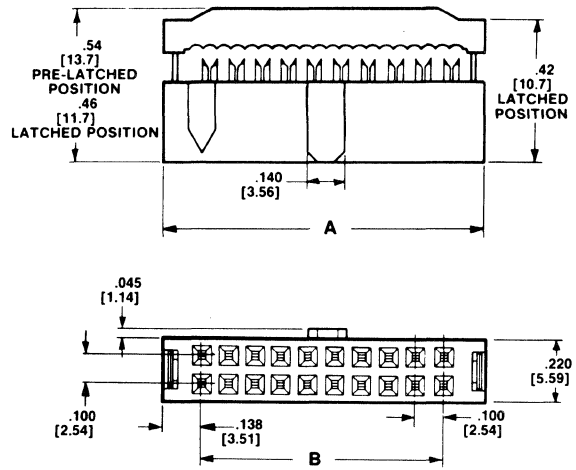


WITH STRAIN RELIEF AND PULL TAB

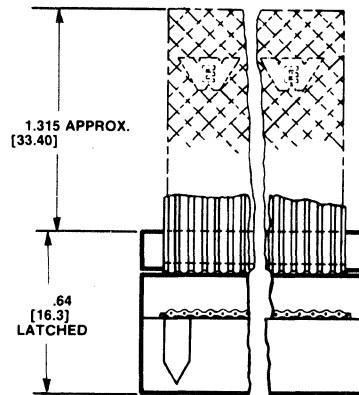


NUMBER	A	B	C
10-	.676 (17.17)	.400 (10.16)	.472 (11.99)
14-	.876 (22.25)	.600 (15.24)	.672 (17.07)
16-	.976 (24.79)	.700 (17.78)	.772 (19.61)
20-	1.176 (29.87)	.900 (22.86)	.972 (24.69)
26-	1.476 (37.49)	1.200 (30.48)	1.272 (32.31)
34-	1.876 (47.65)	1.600 (40.64)	1.672 (42.47)
40-	2.176 (55.27)	1.900 (48.26)	1.972 (50.09)
50-	2.676 (67.97)	2.400 (60.96)	2.472 (62.79)
60-	3.176 (80.67)	2.900 (73.66)	2.972 (75.49)

14R12



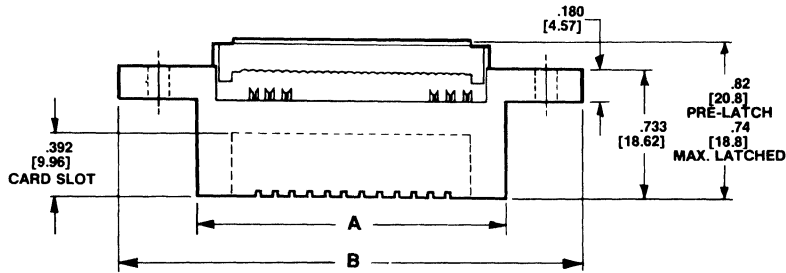
WITH STRAIN RELIEF AND PULL TAB



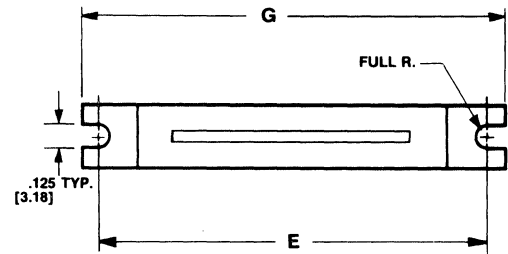
NUMBER	A	B	C
10-	.676 (17.17)	.400 (10.16)	.472 (11.99)
14-	.876 (22.25)	.600 (15.24)	.672 (17.07)
16-	.976 (24.79)	.700 (17.78)	.772 (19.61)
20-	1.176 (29.87)	.900 (22.86)	.972 (24.69)
26-	1.476 (37.49)	1.200 (30.48)	1.272 (32.31)
34-	1.876 (47.65)	1.600 (40.64)	1.672 (42.47)
40-	2.176 (55.27)	1.900 (48.26)	1.972 (50.09)
50-	2.676 (67.97)	2.400 (60.96)	2.472 (62.79)
60-	3.176 (80.67)	2.900 (73.66)	2.972 (75.49)

OUTLINE DRAWINGS

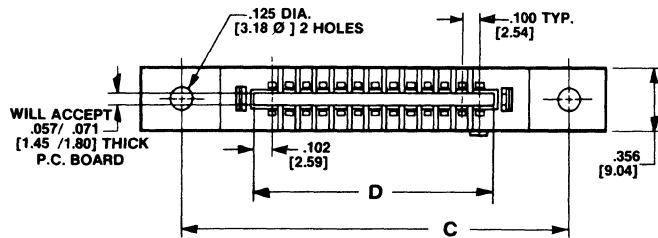
14R13



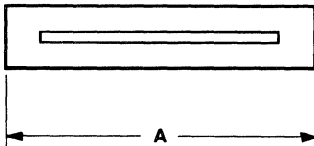
HALF MOUNTING EARS



FULL MOUNTING EARS



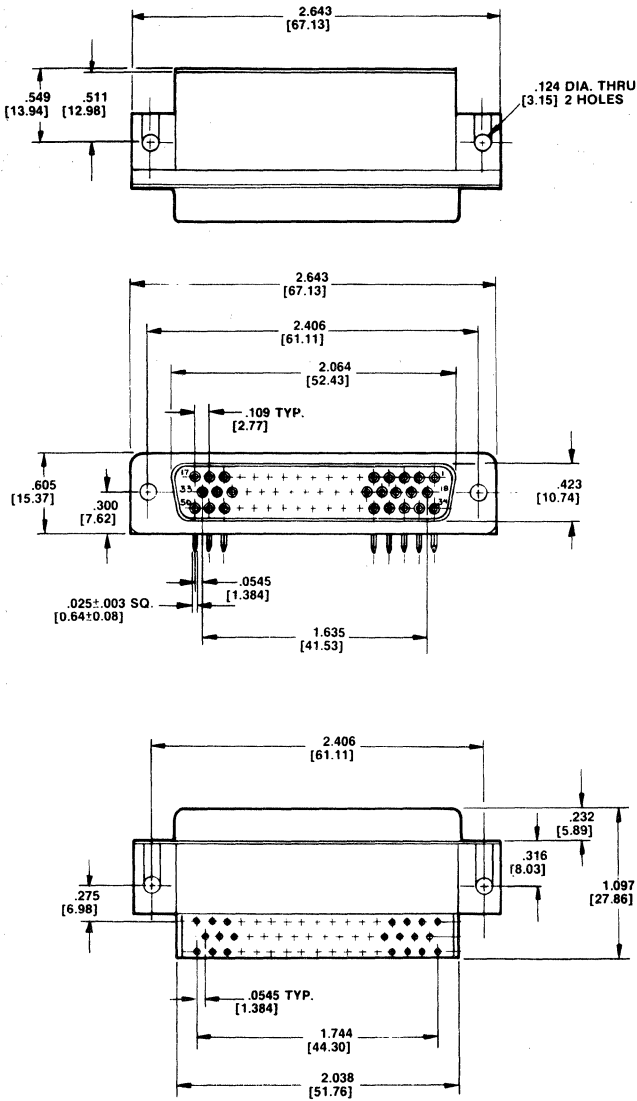
WITHOUT MOUNTING EARS



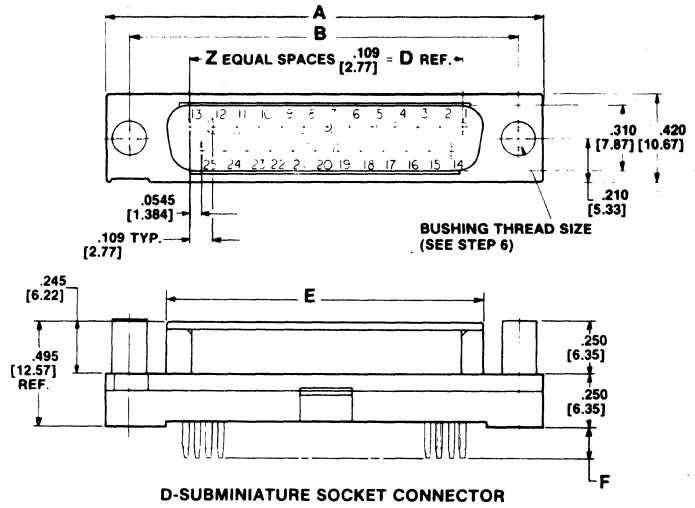
Catalog No.	A	B	C	D	E	F	G
53-10-	1.000 [25.40]	1.900 [48.26]	1.400 [35.56]	.605 [15.37]	1.300 [33.02]	.595 [15.11]	1.540 [39.12]
53-16-	1.300 [33.02]	2.200 [55.88]	1.700 [43.18]	.905 [22.99]	1.600 [40.64]	.895 [22.73]	1.840 [46.74]
53-20-	1.500 [38.10]	2.400 [60.96]	1.900 [48.26]	1.105 [28.07]	1.800 [45.72]	1.095 [27.81]	2.040 [51.82]
53-26-	1.800 [45.72]	2.700 [68.58]	2.200 [55.88]	1.405 [35.69]	2.100 [53.34]	1.395 [35.43]	2.340 [59.44]
53-30-	2.000 [50.80]	2.900 [73.66]	2.400 [60.96]	1.605 [40.77]	2.300 [58.42]	1.595 [40.51]	2.540 [64.52]
53-34-	2.200 [55.88]	3.100 [78.74]	2.600 [66.04]	1.805 [45.85]	2.500 [63.50]	1.795 [45.59]	2.740 [69.60]
53-40-	2.500 [63.50]	3.400 [86.36]	2.900 [73.66]	2.105 [53.47]	2.800 [71.12]	2.095 [53.21]	3.040 [77.22]
53-44-	2.700 [68.58]	3.600 [91.44]	3.100 [78.74]	2.305 [58.55]	3.000 [76.20]	2.295 [58.29]	3.240 [82.30]
53-50-	3.000 [76.20]	3.900 [99.06]	3.400 [86.36]	2.605 [66.17]	3.300 [83.82]	2.595 [65.91]	3.540 [89.92]
53-60-	3.500 [88.90]	4.400 [111.76]	3.900 [99.06]	3.105 [78.87]	3.800 [96.52]	3.095 [78.61]	4.040 [102.62]

OUTLINE DRAWINGS

14R17



14R20

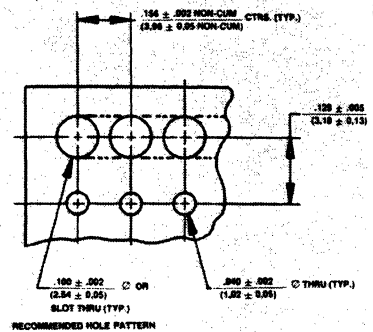
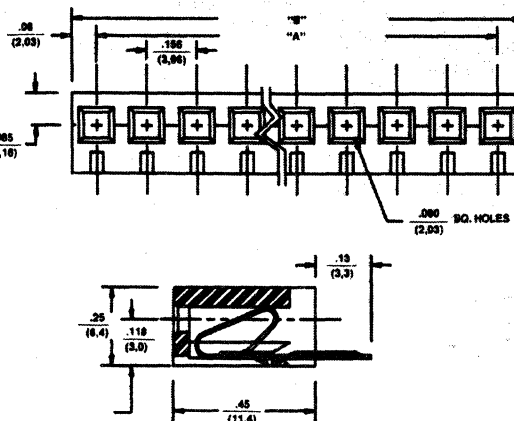


D-SUBMINIATURE SOCKET CONNECTOR

NO.	A	B	C	D	E	F	Y	Z
09	1.222 (31.04)	.984 (24.98)	.327 (8.31)	.436 (11.07)	.840 (21.29) .885 (22.52)	.125" (FOR .062" THICK P.C. BOARD)	3	4
15	1.550 (39.37)	1.312 (33.32)	.854 (21.61)	.763 (19.38)	.968 (24.59) .994 (25.25)		6	7
25	2.090 (53.09)	1.852 (47.04)	1.199 (30.45)	1.308 (33.22)	1.508 (38.30) 1.534 (38.96)	.170" (FOR .093" & .125" THICK P.C. BOARD)	11	12
37	2.738 (69.55)	2.500 (63.50)	1.853 (47.07)	1.962 (49.83)	2.156 (54.78) 2.182 (55.42)		17	18

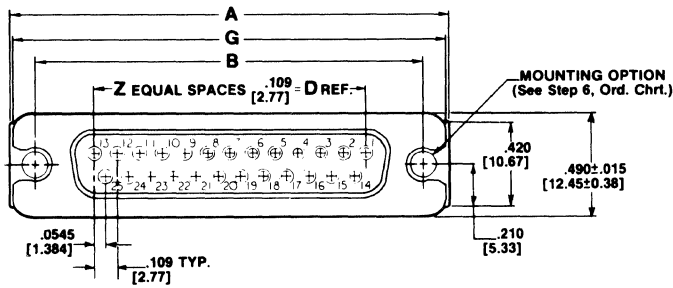
8R2

No. of Circuits	Dimensions "A" Inches	Dimensions "A" MM	Dimensions "B" Inches	Dimensions "B" MM
4	.468	(11.89)	.63	(16.0)
5	.624	(15.85)	.78	(19.8)
6	.780	(19.81)	.94	(23.9)
7	.936	(23.77)	1.10	(27.9)
8	1.092	(27.74)	1.25	(31.8)
9	1.248	(31.70)	1.41	(35.8)
10	1.404	(35.66)	1.56	(39.6)
11	1.560	(39.62)	1.72	(43.7)
12	1.716	(43.59)	1.88	(47.8)
13	1.872	(47.55)	2.03	(51.6)
14	2.028	(51.51)	2.19	(55.6)
15	2.184	(55.69)	2.34	(59.4)

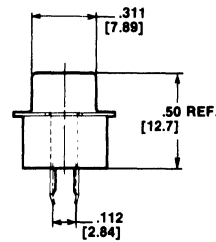
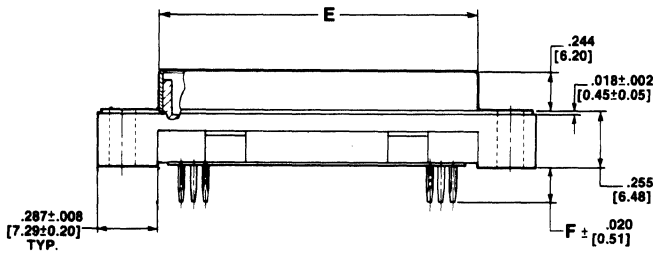


OUTLINE DRAWINGS

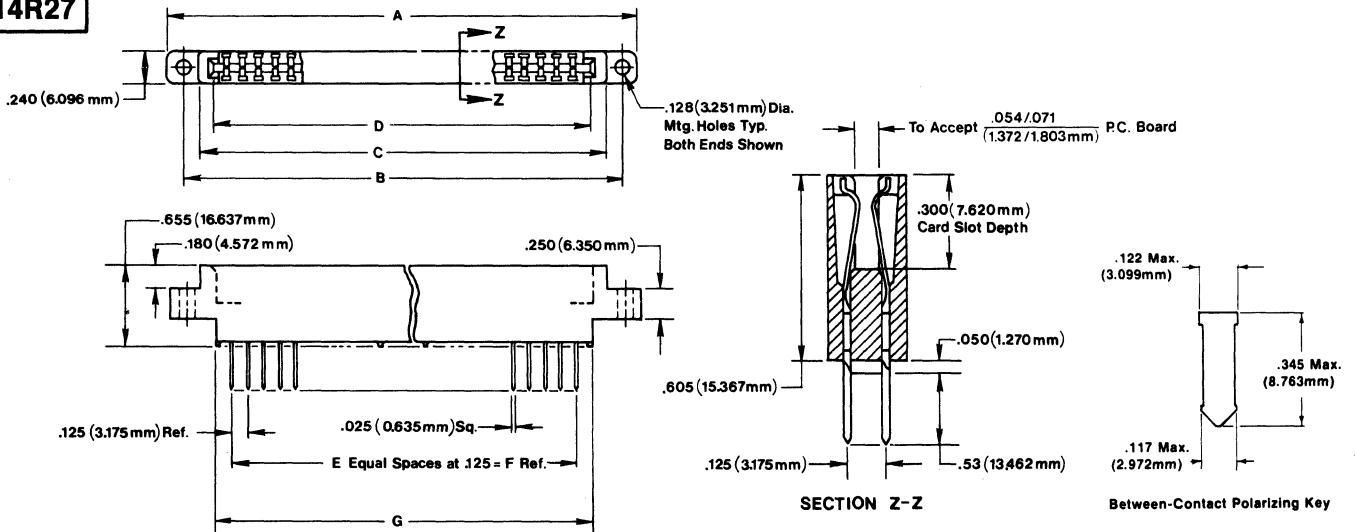
14R21



Catalog No.	A ±.006	B	C	D	E	F	G ±.015	Y	Z
9S	1.222	.984	.327	.436	.643	.125" (for .062" Thick P.C. Board)	1.213	3	4
9P	[31.04]	[24.99]	[8.31]	[11.07]	[16.33]		[30.81]		
15S	1.550	1.312	.654	.763	.971		1.541	6	7
15P	[39.37]	[33.32]	[16.61]	[19.38]	.994	.160" (for .093" & .125" Thick P.C. Board)	2.088	11	12
25S	2.090	1.852	1.199	1.308	1.511		[53.04]		
25P	[53.09]	[47.04]	[30.45]	[33.22]	1.534				
37S	2.738	2.500	1.853	1.962	2.159		2.729	17	18
37P	[69.55]	[63.50]	[47.07]	[49.83]	2.182		[69.32]		



14R27

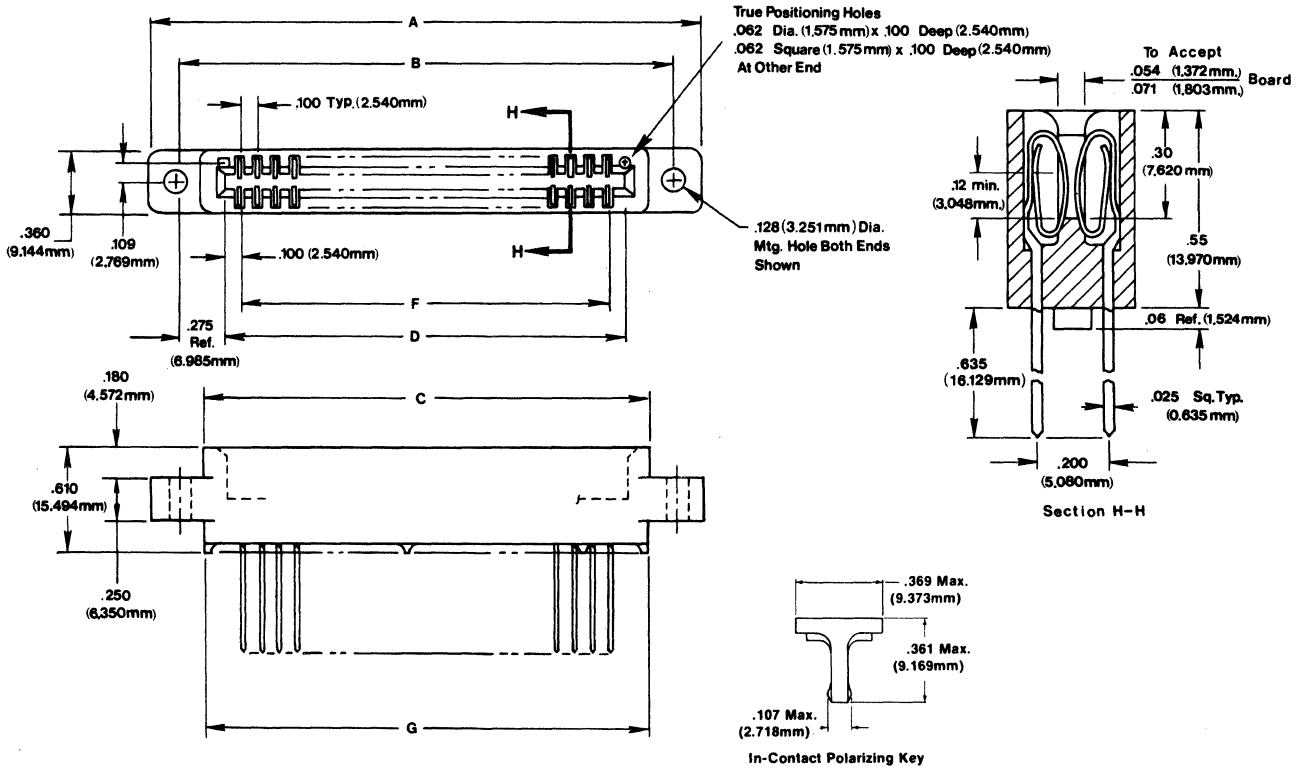


Catalog** Number	A	B	C	D	no. of equal spaces E	F Ref.	G
DW18 B	3.06" (77.7mm)	2.795" (70.983mm)	2.54" (64.52mm)	2.375" (60.325mm)	17	2.125" (53.975mm)	2.38" (60.45mm)
DW20 B	3.31" (84.07mm)	3.045" (77.343mm)	2.79" (70.87mm)	2.625" (66.675mm)	19	2.375" (60.325mm)	2.63" (66.80mm)
DW26 B	4.06" (103.12mm)	3.795" (96.393mm)	3.54" (89.92mm)	3.375" (85.725mm)	25	3.125" (79.375mm)	3.38" (85.85mm)
DW30 B	4.56" (115.82mm)	4.295" (109.093mm)	4.04" (102.62mm)	3.875" (98.425mm)	29	3.625" (92.075mm)	3.88" (98.55mm)
DW40 B	5.81" (147.57mm)	5.545" (140.843mm)	5.29" (134.37mm)	5.125" (130.175mm)	39	4.875" (123.825mm)	5.13" (130.30mm)
DW50 B	7.06" (179.32mm)	6.795" (172.593mm)	6.54" (166.12mm)	6.375" (161.925mm)	49	6.125" (155.575mm)	6.38" (162.05mm)

**To determine dimensions not shown, each additional contact pair position added to positions shown increases dimensions "A", "B", "C", "D", "F" and "G" by .125" (3.175mm).

OUTLINE DRAWINGS

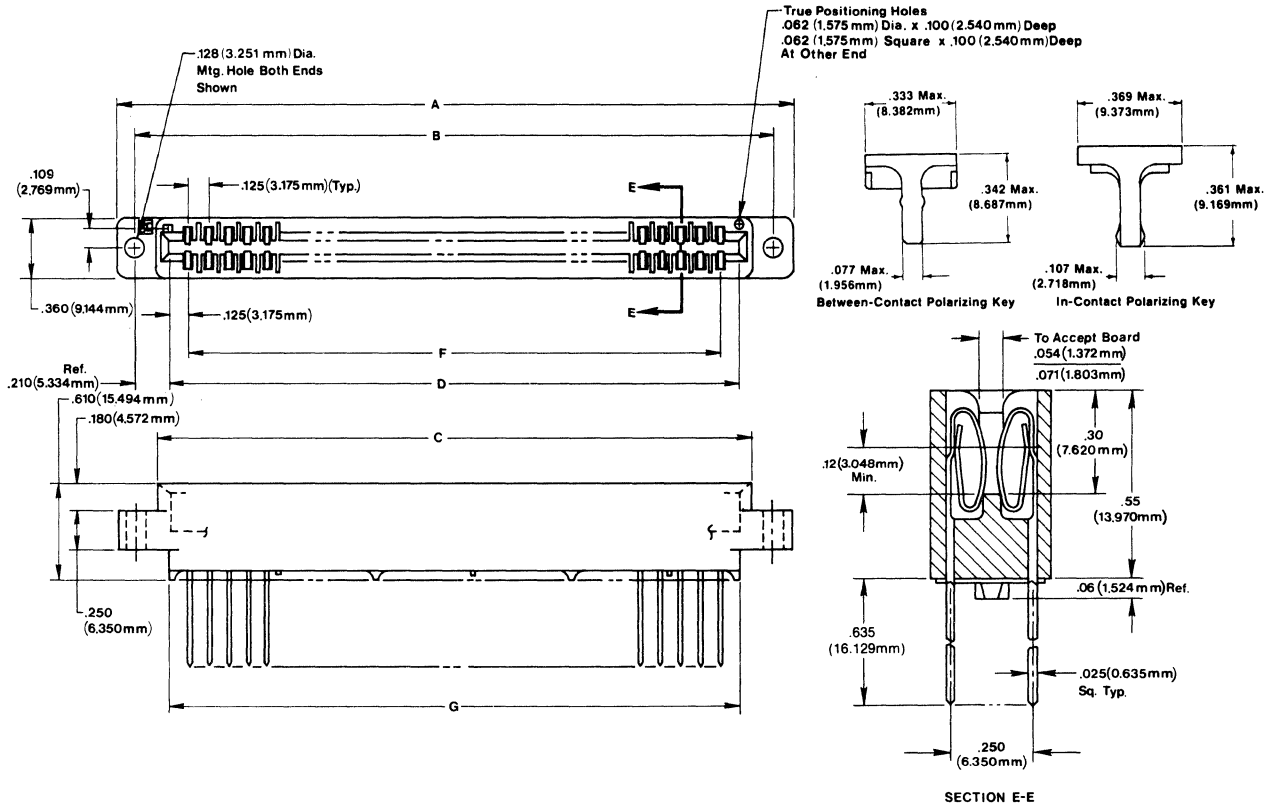
14R22



Catalog Number	A	B	C	D	F	G
HW22C	3.15" (80.01mm)	2.850" (72.390mm)	2.55" (64.77mm)	2.300" (58.420mm)	2.100" (53.340mm)	2.53" (64.26mm)
HW25C	3.45" (87.63mm)	3.150" (80.010mm)	2.85" (72.39mm)	2.600" (66.040mm)	2.400" (60.960mm)	2.83" (71.88mm)
HW30C	3.95" (100.33mm)	3.650" (92.710mm)	3.35" (85.09mm)	3.100" (78.740mm)	2.900" (73.660mm)	3.33" (84.58mm)
HW35C	4.45" (113.03mm)	4.150" (105.410mm)	3.85" (97.79mm)	3.600" (91.440mm)	3.400" (86.360mm)	4.63" (97.28mm)
HW36C	4.55" (115.57mm)	4.250" (107.950mm)	3.95" (100.33mm)	3.700" (93.980mm)	3.500" (88.900mm)	3.93" (99.82mm)
HW43C	5.25" (133.35mm)	4.950" (125.730mm)	4.65" (118.11mm)	4.400" (111.760mm)	4.200" (106.680mm)	4.63" (117.60mm)
HW48C	5.75" (146.05mm)	5.450" (138.430mm)	5.15" (130.81mm)	4.900" (124.460mm)	4.700" (119.380mm)	5.13" (130.30mm)
HW50C	5.95" (151.13mm)	5.650" (143.510mm)	5.35" (135.89mm)	5.100" (129.540mm)	4.900" (124.460mm)	5.33" (135.38mm)

OUTLINE DRAWINGS

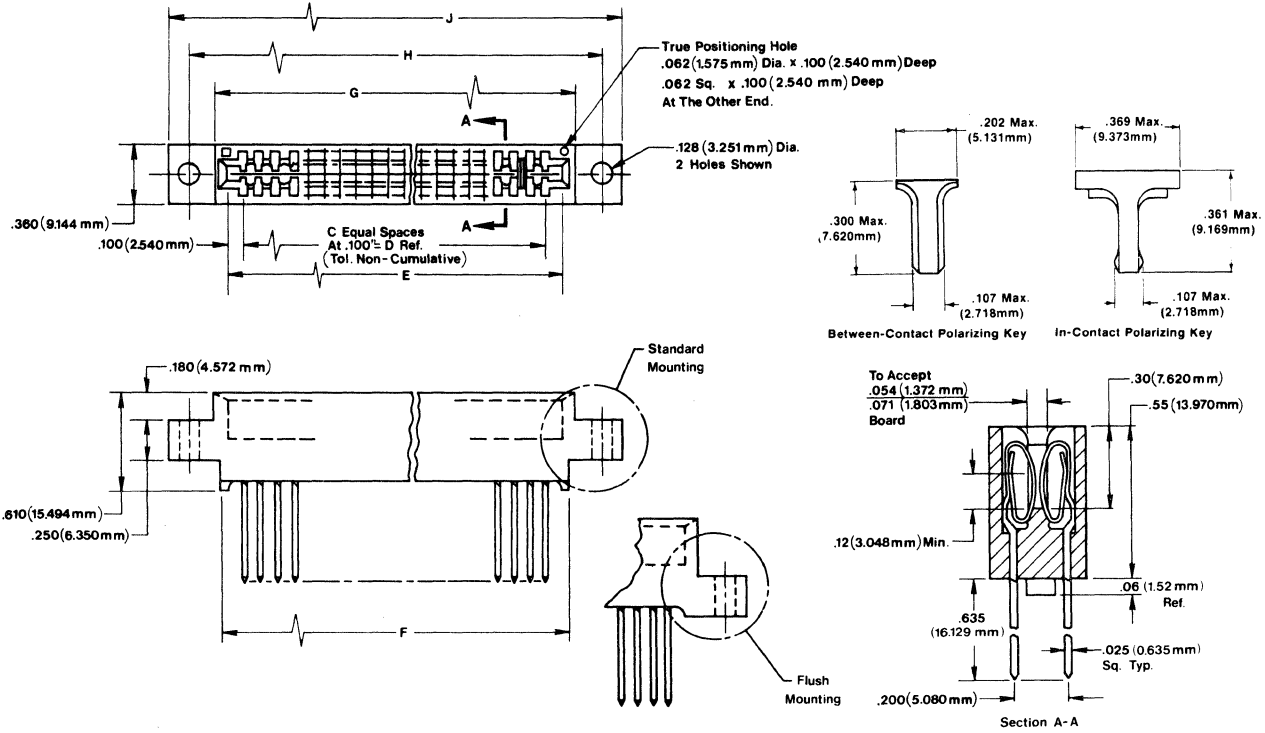
14R23



Catalog Number	A	B	C	D	F	G
HW28D	4.30" (109.22mm)	4.045" (102.743mm)	3.78" (96.01mm)	3.625" (92.075mm)	3.375" (85.725mm)	3.62" (91.95mm)
HW30D	4.55" (115.57mm)	4.295" (109.093mm)	4.03" (102.36mm)	3.875" (98.425mm)	3.625" (92.075mm)	3.87" (98.30mm)
HW31D	4.68" (118.87mm)	4.420" (112.268mm)	4.16" (105.66mm)	4.000" (101.600mm)	3.750" (95.250mm)	4.00" (101.60mm)
HW40D	5.80" (147.32mm)	5.545" (140.843mm)	5.28" (134.11mm)	5.125" (130.175mm)	4.875" (123.825mm)	5.12" (130.05mm)
HW49D	6.93" (176.02mm)	6.670" (169.418mm)	6.41" (162.81mm)	6.250" (158.750mm)	6.000" (152.400mm)	6.25" (158.75mm)
HW50D	7.05" (179.07mm)	6.795" (172.593mm)	6.53" (165.86mm)	6.375" (161.925mm)	6.125" (155.575mm)	6.37" (161.80mm)

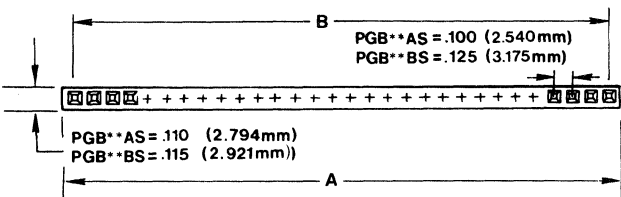
OUTLINE DRAWINGS

14R24



Catalog Number	C	D	E	F	G	H	J
HWP20C	19	1.900" (48.260mm)	2.100" (53.340mm)	2.15" (54.61mm)	2.26" (57.40mm)	2.575" (65.405mm)	2.84" (72.14mm)
HWP25C	24	2.400" (60.960mm)	2.600" (66.040mm)	2.65" (67.31mm)	2.76" (70.10mm)	3.075" (78.105mm)	3.34" (84.84mm)
HWP30C	29	2.900" (73.660mm)	3.100" (78.740mm)	3.15" (80.01mm)	3.26" (82.80mm)	3.575" (90.805mm)	3.84" (97.54mm)
HWP36C	35	3.500" (88.900mm)	3.700" (93.980mm)	3.75" (95.25mm)	3.86" (98.04mm)	4.175" (106.045mm)	4.44" (112.78mm)
HWP40C	39	3.900" (99.060mm)	4.100" (104.140mm)	4.15" (105.41mm)	4.26" (108.20mm)	4.575" (116.205mm)	4.84" (122.94mm)
HWP43C	42	4.200" (106.680mm)	4.400" (111.760mm)	4.45" (113.03mm)	4.56" (115.82mm)	4.875" (123.825mm)	5.14" (130.56mm)
HWP50C	49	4.900" (124.460mm)	5.100" (129.540mm)	5.15" (130.81mm)	5.26" (133.60mm)	5.575" (141.605mm)	5.84" (148.34mm)

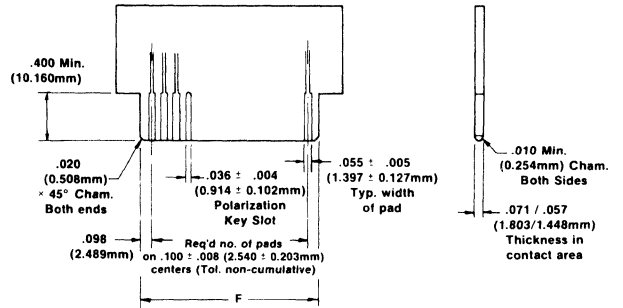
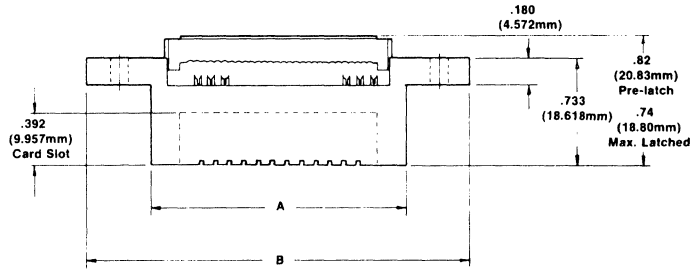
14R34



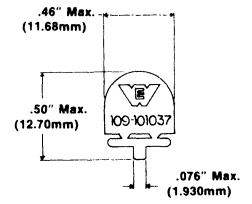
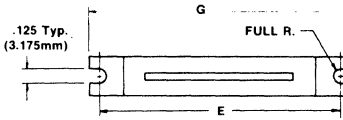
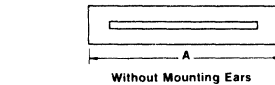
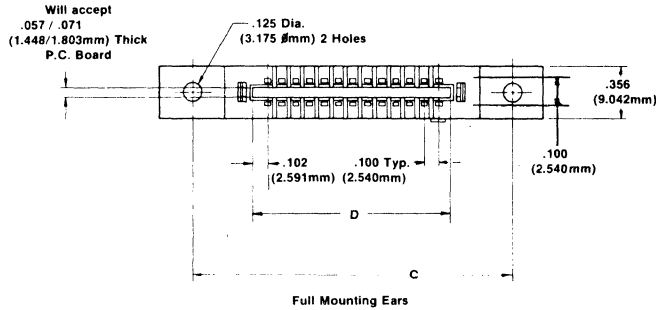
NUMBER OF CONTACT POSITIONS	A		B	
	PGB**AS	PGB**BS	PGB**AS	PGB**BS
10	.100" (2.540mm)	.125" (3.175mm)	.100" (2.540mm)	.125" (3.175mm)
	.995" (25.273mm)	1.240" (31.496mm)	.900" (22.860mm)	1.125" (28.575mm)
15	1.495" (37.973mm)	1.750" (44.450mm)	1.400" (35.560mm)	1.885" (47.371mm)
	1.995" (50.673mm)	2.375" (60.325mm)	1.900" (48.260mm)	2.490" (63.246mm)
20	2.495" (63.373mm)	3.000" (76.200mm)	2.400" (60.960mm)	3.115" (79.121mm)
	2.995" (76.073mm)	3.625" (92.075mm)	2.900" (73.660mm)	3.740" (94.996mm)
25	3.495" (88.778mm)	4.250" (107.950mm)	3.400" (86.360mm)	4.365" (110.871mm)
	3.995" (101.473mm)	4.875" (123.825)	3.900" (99.060mm)	4.990" (126.746mm)

OUTLINE DRAWINGS

14R25

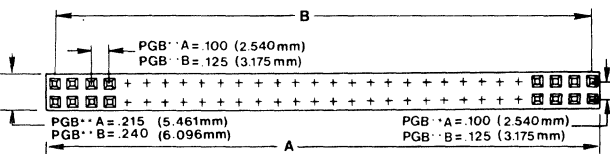


Recommended P.C. Board Dimensions



Number of Contacts	Mounting Ears			A	B	C	D	E	F	G
	Without	Half	Full							
10	0	1	2	1.000" (25.400mm)	1.900" (48.260mm)	1.400" (35.560mm)	.605" (15.367mm)	1.300" (33.020mm)	.595" (15.113mm)	1.540" (39.116mm)
16	0	1	2	1.300" (33.020mm)	2.200" (55.880mm)	1.700" (43.180mm)	.905" (22.987mm)	1.600" (40.640mm)	.895" (22.733mm)	1.840" (46.736mm)
20	0	1	2	1.500" (38.100mm)	2.400" (60.960mm)	1.900" (48.260mm)	1.105" (28.067mm)	1.800" (45.720mm)	1.095" (27.813mm)	2.040" (51.816mm)
26	0	1	2	1.800" (45.720mm)	2.700" (68.580mm)	2.200" (55.880mm)	1.405" (35.687mm)	2.100" (53.340mm)	1.395" (35.433mm)	2.340" (59.436mm)
30	0	1	2	2.000" (50.800mm)	2.900" (73.660mm)	2.400" (60.960mm)	1.605" (40.767mm)	2.300" (58.420mm)	1.595" (40.513mm)	2.540" (64.516mm)
34	0	1	2	2.200" (55.880mm)	3.100" (78.740mm)	2.600" (66.040mm)	1.805" (45.847mm)	2.500" (63.500mm)	1.795" (45.593mm)	2.740" (69.596mm)
40	0	1	2	2.500" (63.500mm)	3.400" (86.360mm)	2.900" (73.660mm)	2.105" (53.467mm)	2.800" (71.120mm)	2.095" (53.213mm)	3.040" (77.216mm)
44	0	1	2	2.700" (68.580mm)	3.600" (91.440mm)	3.100" (78.740mm)	2.305" (58.547mm)	3.000" (76.200mm)	2.295" (58.293mm)	3.240" (82.296mm)
50	0	1	2	3.000" (76.200mm)	3.900" (99.060mm)	3.400" (86.360mm)	2.605" (66.167mm)	3.300" (83.820mm)	2.595" (65.913mm)	3.540" (89.916mm)
60	0	1	2	3.500" (88.900mm)	4.400" (111.760mm)	3.900" (99.060mm)	3.105" (78.867mm)	3.800" (96.520mm)	3.095" (78.613mm)	4.040" (102.616mm)

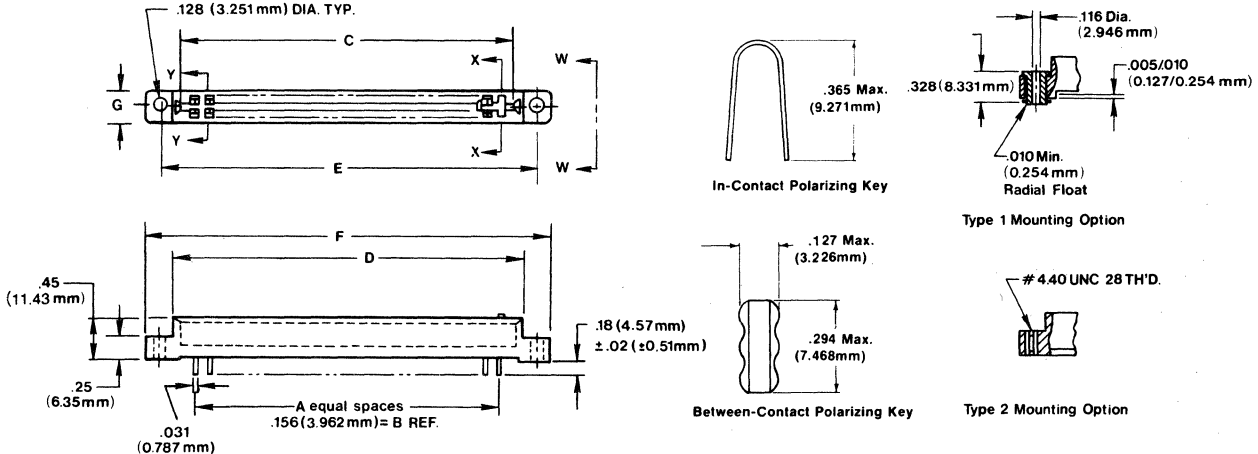
14R35



Number of Contact	A		B	
	PGB**A 100" × 100" (2.540 × 2.540mm)	PGB**B 125" × 125" (3.175 × 3.175mm)	PGB**A 100" × 100" (2.540 × 2.540mm)	PGB**B 125" × 125" (3.175 × 3.175mm)
15	1.495" (37.963mm)	1.865" (47.371mm)	1.400" (35.560mm)	1.750" (44.450mm)
20	1.895" (50.373mm)	2.490" (63.246mm)	1.900" (48.260mm)	2.375" (60.325mm)
25	2.495" (63.373mm)	3.115" (79.121mm)	2.400" (60.960mm)	3.000" (76.200mm)
30	2.995" (76.073mm)	3.740" (94.996mm)	2.900" (73.660mm)	3.825" (97.075mm)
35	3.495" (88.773mm)	4.365" (110.871mm)	3.400" (86.360mm)	4.250" (107.95mm)
40	3.995" (101.473mm)	4.990" (126.746mm)	3.900" (99.060mm)	4.875" (123.825mm)
51	5.095" (128.413mm)		5.000" (127.000mm)	

OUTLINE DRAWINGS

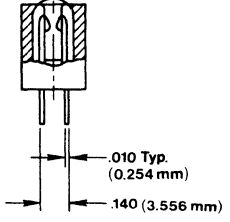
14R28



Section X-X

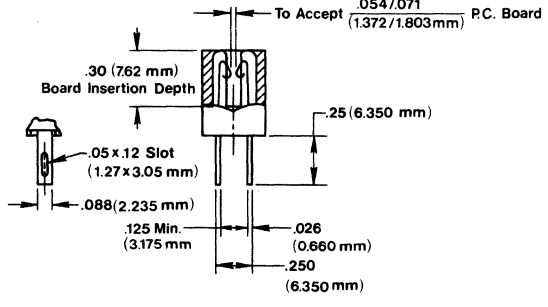
Polarizing Key In Contact Position

Type "D" Contact Shown Dip Solder Contact



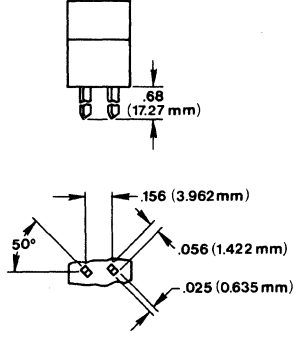
Section Y-Y

Type "S" Contact Shown Solder Terminal



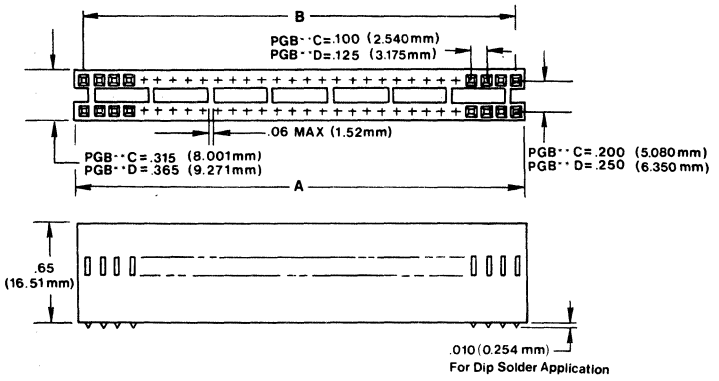
View W-W

Type "W" Contact Shown Wire Wrap Terminal



Catalog Number	A	B Ref.	C	D	E	F	G
HSD10/HMD10	9	1.404" (35.662mm)	1.724" (43.790mm)	1.87" (47.498mm)	2.156" (54.762mm)	2.47" (62.74mm)	.343" (8.712mm)
HSD15/HMD15	14	2.184" (55.474mm)	2.504" (63.602mm)	2.65" (67.310mm)	2.938" (74.625mm)	3.25" (82.55mm)	.343" (8.712mm)
HSD18/HMD18	17	2.652" (67.361mm)	2.972" (75.489mm)	3.12" (79.248mm)	3.406" (86.512mm)	3.72" (94.49mm)	.343" (8.712mm)
HSD22/HMD22	21	3.276" (83.210mm)	3.596" (91.338mm)	3.75" (95.250mm)	4.032" (102.413mm)	4.34" (110.24mm)	.343" (8.712mm)
HSD36/HMD36	35	5.460" (138.684mm)	5.778" (146.761mm)	5.91" (150.114mm)	6.220" (157.988mm)	6.53" (165.86mm)	.500" (12.700mm)
HSD43/HMD43	42	6.552" (166.421mm)	6.872" (174.549mm)	7.00" (177.800mm)	7.302" (185.471mm)	7.61" (193.29mm)	.500" (12.700mm)

14R36

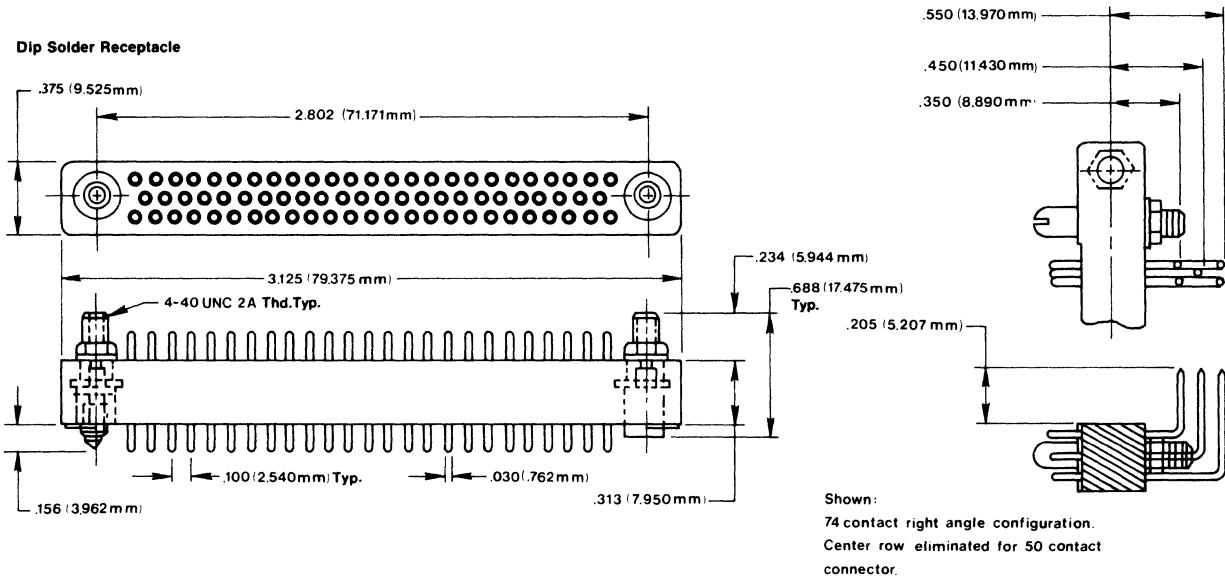


Number of Contact	A		B	
	PGB**C	PGB**D	PGB**C	PGB**D
15	1.495" (37.973mm)	1.865" (47.371mm)	1.400" (35.560mm)	1.750" (44.450mm)
	1.995" (50.673mm)	2.490" (63.246mm)	1.900" (48.260mm)	2.375" (60.325mm)
20	2.495" (63.373mm)	3.115" (78.121mm)	2.400" (60.960mm)	3.000" (76.200mm)
	2.995" (76.073mm)	3.740" (94.996mm)	2.900" (73.660mm)	3.625" (92.075mm)
25	3.495" (88.773mm)	4.365" (110.871mm)	3.400" (86.360mm)	4.250" (107.950mm)
	3.995" (101.473mm)	4.990" (126.746mm)	3.900" (99.060mm)	4.875" (123.925mm)
30	4.495" (114.173mm)	5.365" (136.746mm)	4.400" (111.810mm)	5.250" (133.350mm)
	4.995" (126.873mm)	5.990" (152.146mm)	4.900" (124.460mm)	5.750" (146.050mm)
35	5.495" (140.173mm)	6.365" (161.871mm)	5.400" (137.460mm)	6.250" (158.750mm)
	5.995" (152.873mm)	6.990" (177.246mm)	5.900" (149.510mm)	6.750" (172.650mm)
40	6.495" (165.573mm)	7.365" (187.046mm)	6.400" (162.710mm)	7.250" (184.150mm)
	6.995" (178.273mm)	7.990" (202.446mm)	6.900" (175.260mm)	7.750" (196.850mm)
45	7.495" (191.073mm)	8.365" (212.246mm)	7.400" (188.310mm)	8.250" (209.550mm)
	7.995" (203.773mm)	8.990" (227.646mm)	7.900" (200.360mm)	8.750" (222.650mm)
50	8.495" (216.573mm)	9.365" (237.446mm)	8.400" (213.460mm)	9.250" (235.350mm)
	8.995" (229.273mm)	9.990" (252.846mm)	8.900" (225.510mm)	9.750" (247.650mm)
55	9.495" (242.073mm)	10.365" (262.646mm)	9.400" (238.560mm)	10.250" (260.350mm)
	9.995" (254.773mm)	10.990" (278.046mm)	9.900" (250.660mm)	10.750" (272.650mm)
60	10.495" (267.573mm)	11.365" (287.846mm)	10.400" (263.710mm)	11.250" (285.350mm)
	10.995" (280.273mm)	11.990" (303.246mm)	10.900" (275.860mm)	11.750" (297.650mm)
65	11.495" (293.073mm)	12.365" (313.046mm)	11.400" (288.910mm)	12.250" (310.350mm)
	11.995" (305.773mm)	12.990" (328.446mm)	11.900" (301.060mm)	12.750" (322.650mm)
70	12.495" (318.573mm)	13.365" (338.246mm)	12.400" (314.160mm)	13.250" (335.350mm)
	12.995" (331.273mm)	13.990" (353.646mm)	12.900" (326.310mm)	13.750" (347.650mm)
75	13.495" (344.073mm)	14.365" (363.446mm)	13.400" (339.460mm)	14.250" (360.350mm)
	13.995" (356.773mm)	14.990" (378.846mm)	13.900" (351.610mm)	14.750" (372.650mm)
80	14.495" (369.573mm)	15.365" (388.646mm)	14.400" (364.710mm)	15.250" (385.350mm)
	14.995" (382.273mm)	15.990" (404.046mm)	14.900" (376.860mm)	15.750" (397.650mm)
85	15.495" (395.073mm)	16.365" (413.846mm)	15.400" (389.910mm)	16.250" (410.350mm)
	15.995" (407.773mm)	16.990" (429.246mm)	15.900" (402.060mm)	16.750" (422.650mm)
90	16.495" (420.573mm)	17.365" (439.046mm)	16.400" (415.160mm)	17.250" (435.350mm)
	16.995" (433.273mm)	17.990" (454.446mm)	16.900" (427.310mm)	17.750" (447.650mm)
95	17.495" (446.073mm)	18.365" (464.246mm)	17.400" (440.460mm)	18.250" (460.350mm)
	17.995" (458.773mm)	18.990" (479.646mm)	17.900" (452.610mm)	18.750" (472.650mm)
100	18.495" (471.573mm)	19.365" (489.446mm)	18.400" (465.710mm)	19.250" (485.350mm)
	18.995" (484.273mm)	19.990" (504.846mm)	18.900" (477.860mm)	19.750" (497.650mm)

OUTLINE DRAWINGS

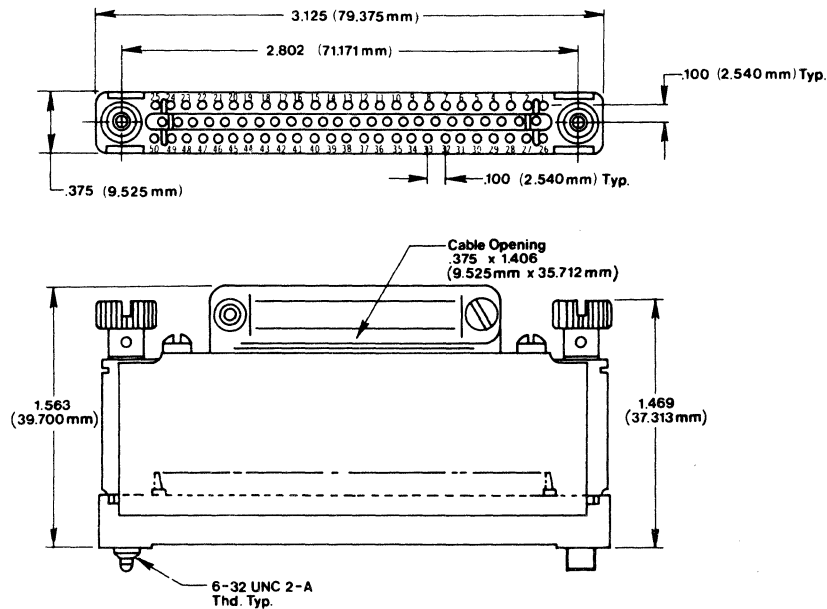
14R32

Dip Solder Receptacle



14R33

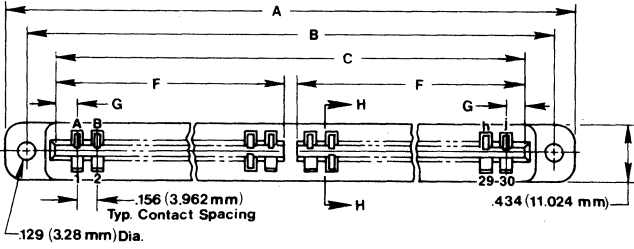
Solder Cup Receptacle



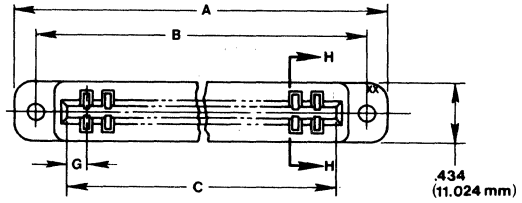
OUTLINE DRAWINGS

14R29

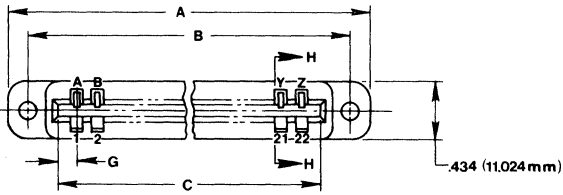
28 & 30 Position 8B & 8BD



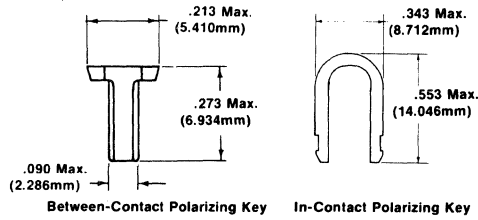
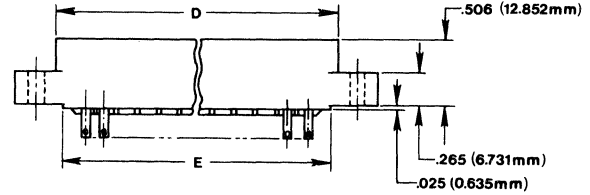
8BD Double Row



8B Single Row



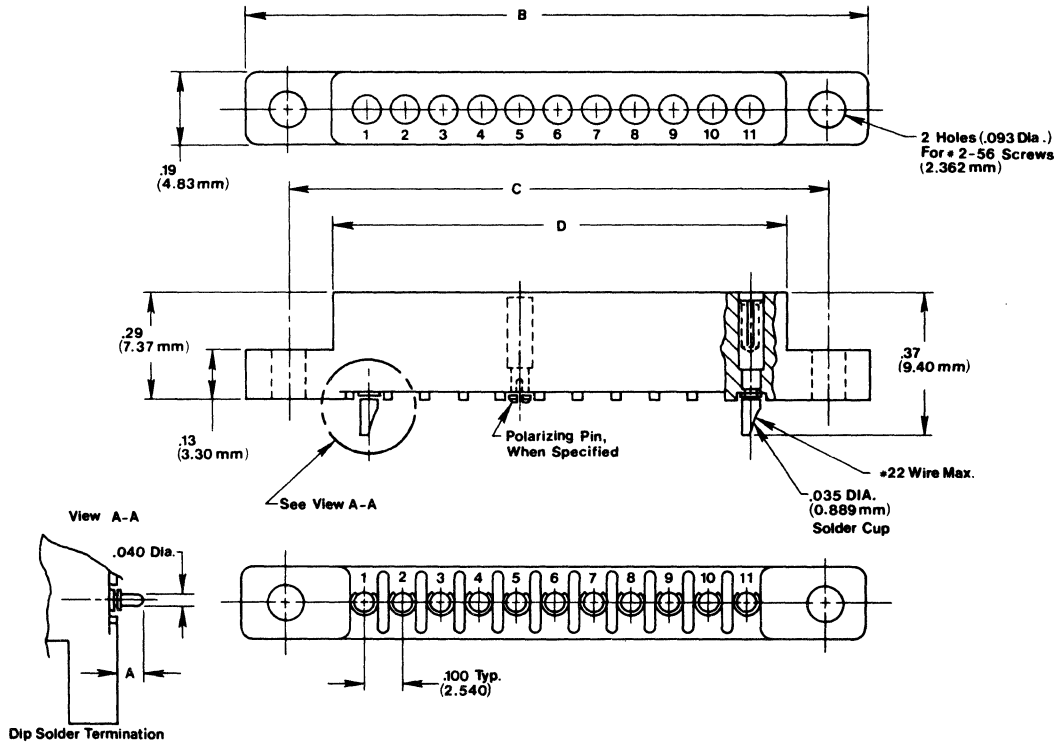
8B and 8BD



Catalog Number	A	B	C	D	E	F	G
8B/8BD6	1.777" (45.136mm)	1.529" (38.836mm)	1.098" (27.889mm)	1.329" (33.756mm)	1.123" (28.524mm)		.159" (4.039mm)
8B/8BD10	2.399" (60.935mm)	2.151" (54.635mm)	1.722" (43.738mm)	1.951" (49.555mm)	1.745" (44.323mm)		.159" (4.039mm)
8B/8BD12	2.711" (68.859mm)	2.463" (62.560mm)	2.036" (51.714mm)	2.263" (57.480mm)	2.057" (52.248mm)		.160" (4.064mm)
8B/8BD15	3.180" (80.772mm)	2.932" (74.413mm)	2.504" (63.602mm)	2.732" (69.392mm)	2.526" (64.160mm)		.160" (4.064mm)
8B/8BD18	3.650" (92.710mm)	3.402" (86.411mm)	2.972" (75.489mm)	3.202" (81.331mm)	2.996" (76.098mm)		.164" (4.165mm)
8B/8BD22	4.272" (108.509mm)	4.024" (102.210mm)	3.590" (91.186mm)	3.824" (97.130mm)	3.618" (91.897mm)		.157" (3.988mm)
8B/8BD28	5.363" (136.220mm)	5.081" (129.057mm)	4.635" (117.729mm)	4.805" (122.041mm)	4.679" (118.897mm)	2.287" (58.090mm)	.151" (3.835mm)
8B/8BD30	5.937" (150.800mm)	5.625" (142.875mm)	5.105" (129.667mm)	5.301" (134.645mm)	5.221" (132.613mm)	2.500" (63.500mm)	.151" (3.835mm)

OUTLINE DRAWINGS

14R30



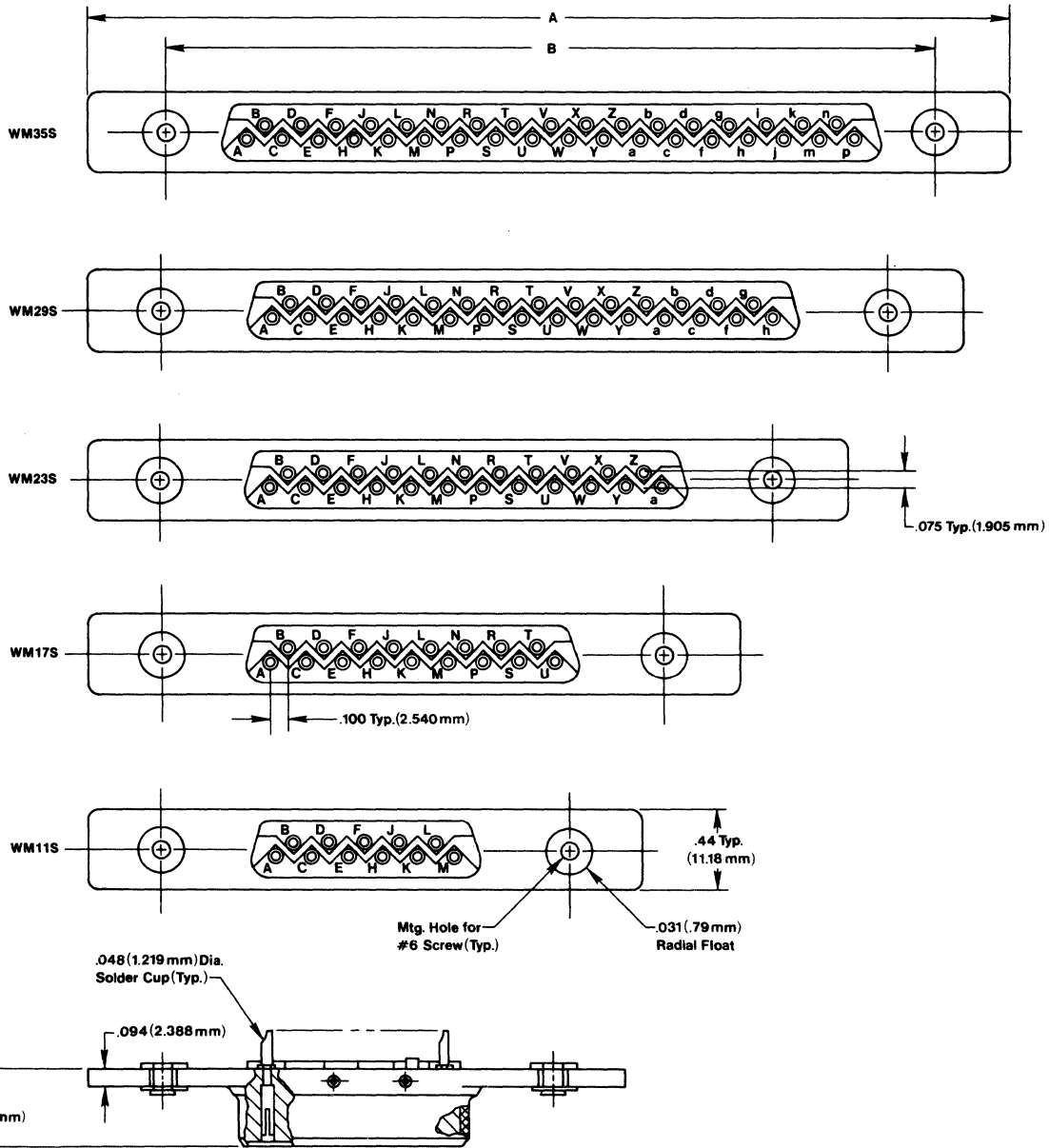
Number		Dimension A
11	22	.05" (1.27mm)
11	22	.06" (1.52mm)
11	22	.08" (2.03mm)
11	22	.09" (2.28mm)
11	22	.13" (3.30mm)
11	22	.16" (4.06mm)
11	22	.19" (4.83mm)

Number	B	C	D
11	1.63" (41.40mm)	1.408" (35.763mm)	1.19" (30.23mm)
22	2.79" (70.87mm)	2.540" (67.516mm)	2.29" (58.17mm)

OUTLINE DRAWINGS

14R31

Receptacles

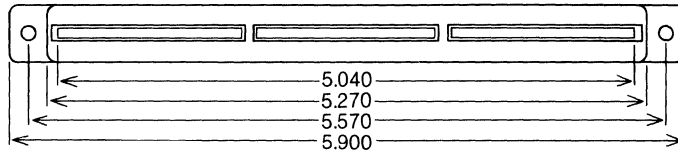


Catalog Number	A	B
WM11S	2.59" (65.79mm)	2.188" (55.575mm)
WM17S	3.22" (81.79mm)	2.812" (71.425mm)
WM23S	3.84" (97.54mm)	3.438" (87.325mm)
WM29S	4.47" (113.54mm)	4.063" (103.200mm)
WM35S	5.09" (129.29mm)	4.688" (119.075mm)

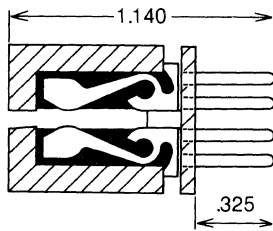
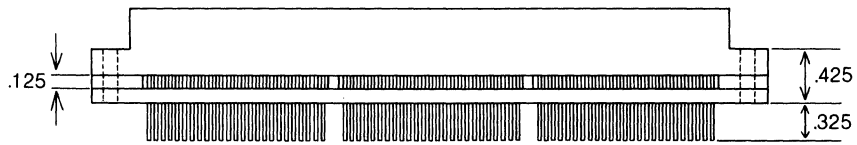
OUTLINE DRAWINGS

15R1

TOP VIEW

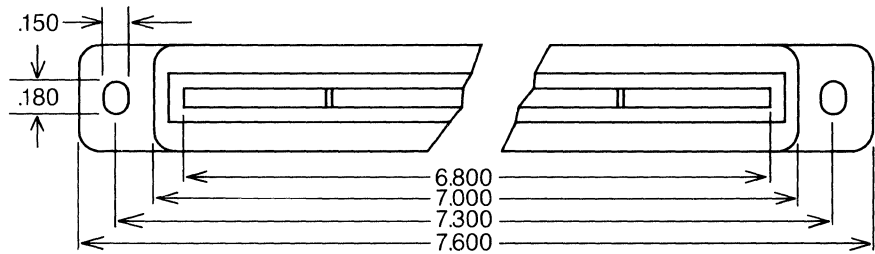


SIDE VIEW

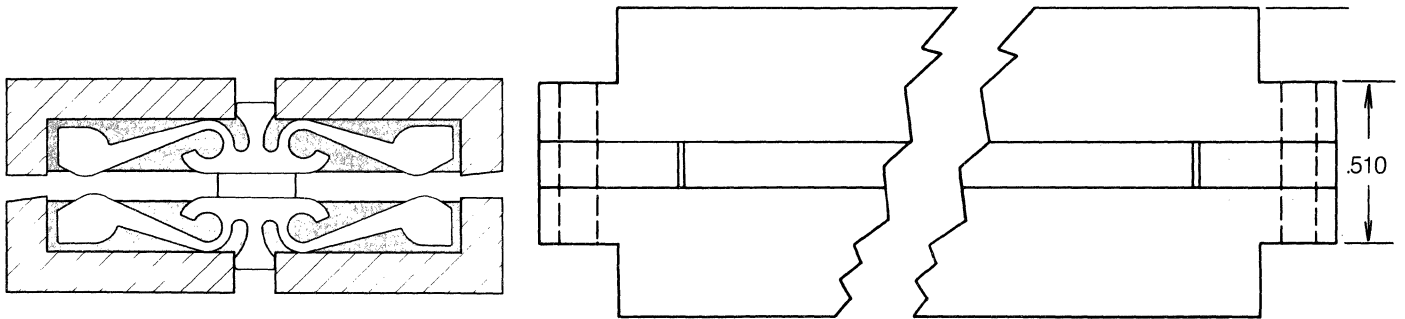


15R2

TOP VIEW

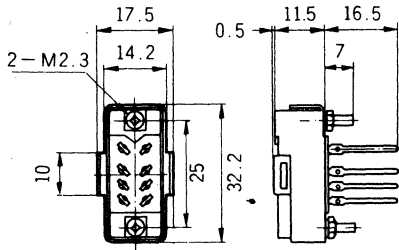


SIDE VIEW

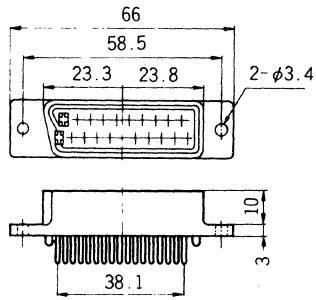


OUTLINE DRAWINGS

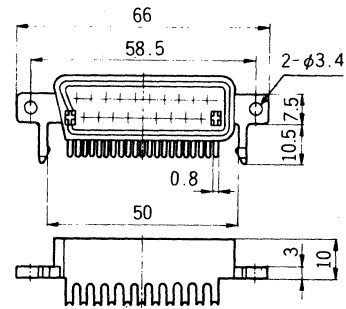
17R1



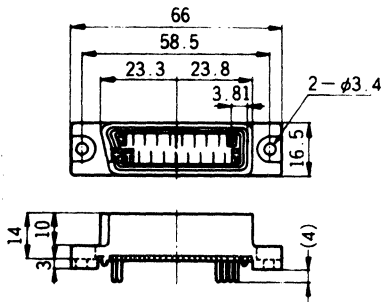
17R2



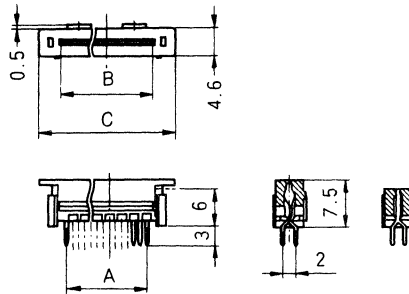
17R3



17R4

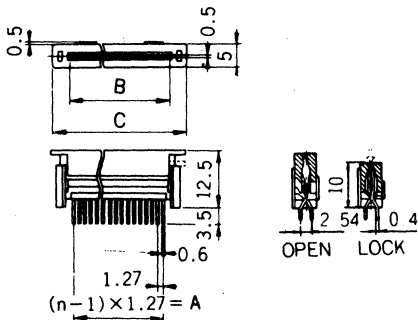


17R5

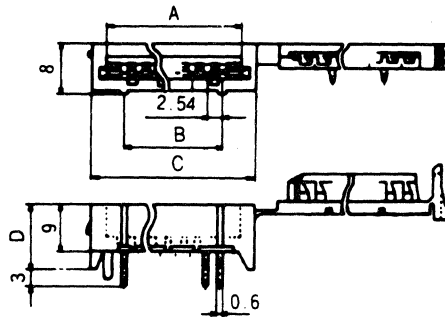


No. Posi	A	B	C
8	7	9.15	15.5
10	8	11.15	17.5
12	11	13.15	19.5
14	13	15.15	21.5
16	16	18.15	24.5
18	18	20.15	26.5
20	20	22.15	28.5
24	24	26.15	32.5
28	28	30.15	36.5

17R6

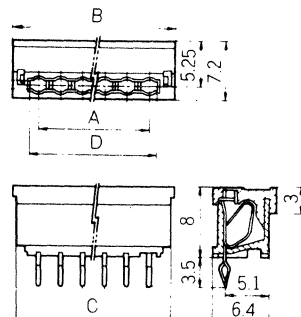


17R7



No. Posi	A	B	C	D
5	15.46	10.16	19.46	11.8
8	23.08	17.78	27.08	11.8
10	28.16	22.86	32.16	11.8
11	30.70	25.40	34.70	11.8
12	32.77	27.94	37.24	12.8
14	38.32	33.02	42.32	11.8

17R10



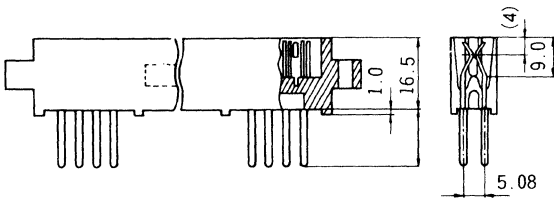
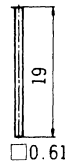
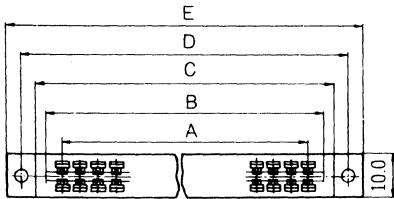
No. Posi	Dimension		
	A	B	C
8	8.89	11.63	18.89
10	11.43	14.17	21.43
12	13.97	16.71	23.97
14	16.51	19.25	26.51
16	19.05	21.79	29.05
18	21.59	24.33	31.59
20	25.40	28.14	35.40
22	27.94	30.68	37.94
24	30.48	33.22	40.48
28	35.56	38.30	45.56
32	40.64	43.38	50.64
36	45.72	48.46	55.72

No. Posi	A	B	C	D
3	5.0	10.9	10.0	7.1
4	7.5	13.4	12.5	9.6
5	10.0	15.9	15.0	12.1
6	12.5	18.4	17.5	14.6
7	15.0	20.9	20.0	17.1
8	17.5	23.4	22.5	19.6
9	20.0	25.9	25.0	22.1
10	22.5	28.4	27.5	24.6
11	25.0	30.9	30.0	27.1
12	27.5	33.4	32.5	29.6

DIMENSIONS IN MM

OUTLINE DRAWINGS

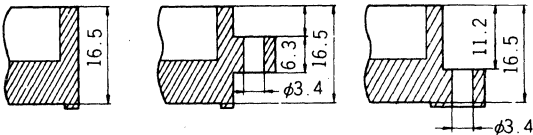
17R11



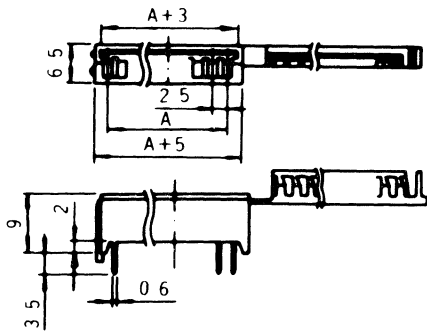
No. Posi	Dimension				
	A	B	C	D	E
20	35.66	43.8	48.0	54.8	61.2
30	55.47	63.6	67.8	74.6	81.0
36	67.36	75.5	79.7	86.5	92.9
44	83.21	91.3	95.5	102.3	108.7
56	106.98	115.1	119.3	126.1	132.5
60	114.91	123.0	127.2	134.0	140.4
72	136.68	146.8	151.0	157.8	164.2
86	166.42	174.5	178.7	185.5	191.9

No. Posi	Dimension				
	A	B	C	D	E
36	43.18	47.8	52.2	56.9	66.4
44	53.34	58.0	62.4	69.1	76.6
56	68.58	73.2	77.6	84.3	91.8
60	73.66	78.3	82.7	89.4	96.9
72	88.90	93.5	97.9	104.7	112.2
86	106.68	111.13	115.7	122.4	129.9
100	124.46	129.1	133.5	140.2	147.7

MOUNTING

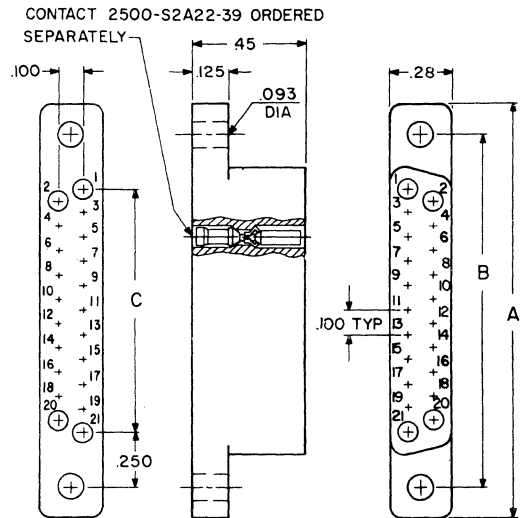


17R8



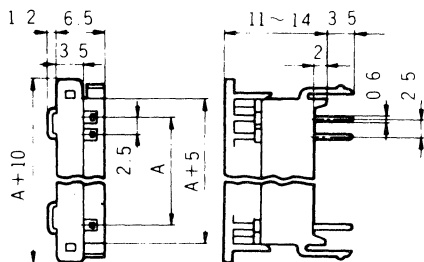
A = 2.5 x (n-1) n = No. of Contacts

20R19



NO. OF CONTACTS	DIMENSIONS		
	A	B	C
9	1.150	.900	.400
11	1.250	1.000	.500
15	1.450	1.200	.700
21	1.750	1.500	1.000
25	1.950	1.700	1.200
31	2.250	2.000	1.500
37	2.550	2.300	1.800
51	3.250	3.000	2.500

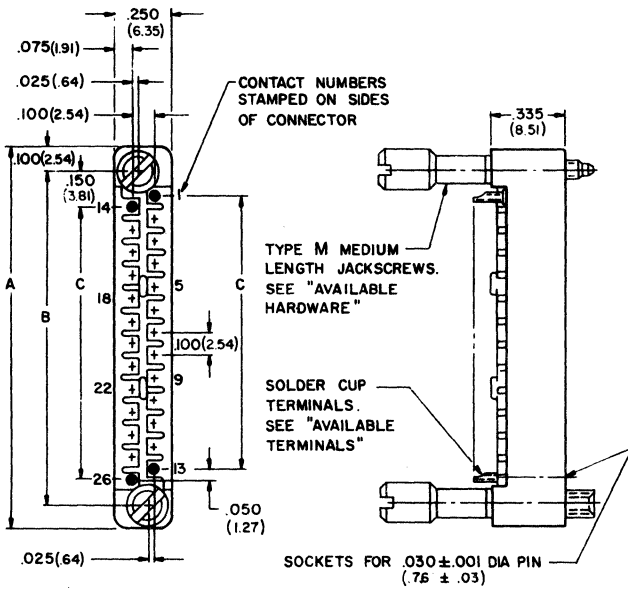
17R9



A = 2.5 x (n-1) n = No. of Contacts

OUTLINE DRAWINGS

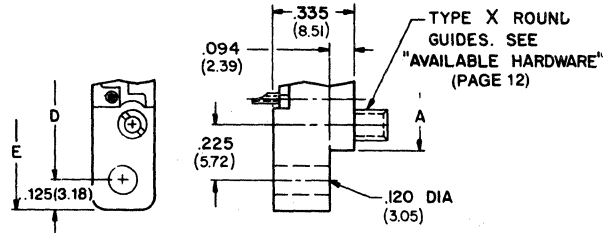
20R2



NO. OF CONTACTS	DIMENSIONS				
	A	B	C	D	E
10	.850 (21.59)	.850 (16.51)	.400 (10.16)	1.100 (27.94)	1.350 (34.29)
14	1.050 (26.67)	.850 (21.59)	.800 (15.24)	1.300 (33.02)	1.550 (39.37)
20	1.350 (34.29)	1.150 (29.21)	.900 (22.86)	1.600 (40.64)	1.850 (46.99)
24	1.550 (39.37)	1.350 (34.29)	1.100 (27.94)	1.800 (45.72)	2.050 (52.07)
26	1.850 (41.91)	1.450 (36.83)	1.200 (30.48)	1.900 (48.26)	2.150 (54.61)
30	1.850 (46.99)	1.650 (41.91)	1.400 (35.56)	2.100 (53.34)	2.350 (59.69)
36	2.150 (54.61)	1.850 (46.99)	1.700 (43.18)	2.400 (60.96)	2.650 (67.31)
40	2.350 (59.69)	2.150 (54.61)	1.900 (48.26)	2.600 (66.04)	2.850 (72.39)
44	2.550 (64.77)	2.350 (59.69)	2.100 (53.34)	2.800 (71.12)	3.050 (77.47)
50	2.850 (72.39)	2.650 (67.31)	2.400 (60.96)	3.100 (78.74)	3.350 (85.09)
54	3.050 (77.47)	2.850 (72.39)	2.600 (66.04)	3.300 (83.82)	3.550 (90.17)
56	3.150 (80.01)	2.950 (74.93)	2.700 (68.58)	3.400 (86.36)	3.650 (92.71)
60	3.350 (85.09)	3.150 (80.01)	2.900 (73.66)	3.600 (91.44)	3.850 (97.79)
66	3.650 (92.71)	3.450 (87.63)	3.200 (81.28)	3.900 (99.06)	4.150 (105.41)
70	3.850 (97.79)	3.650 (92.71)	3.400 (86.36)	4.100 (104.14)	4.350 (110.49)
78	4.250 (107.95)	4.050 (102.87)	3.800 (96.52)	4.500 (114.30)	4.700 (119.38)

Dimensions in parentheses are in millimeters.

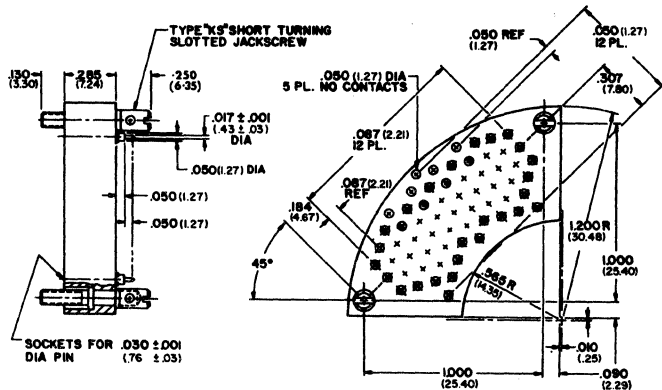
20R3



NO. OF CONTACTS	DIMENSIONS				
	A	B	C	D	E
10	.850 (21.59)	.850 (16.51)	.400 (10.16)	1.100 (27.94)	1.350 (34.29)
14	1.050 (26.67)	.850 (21.59)	.800 (15.24)	1.300 (33.02)	1.550 (39.37)
20	1.350 (34.29)	1.150 (29.21)	.900 (22.86)	1.600 (40.64)	1.850 (46.99)
24	1.550 (39.37)	1.350 (34.29)	1.100 (27.94)	1.800 (45.72)	2.050 (52.07)
26	1.850 (41.91)	1.450 (36.83)	1.200 (30.48)	1.900 (48.26)	2.150 (54.61)
30	1.850 (46.99)	1.650 (41.91)	1.400 (35.56)	2.100 (53.34)	2.350 (59.69)
36	2.150 (54.61)	1.850 (46.99)	1.700 (43.18)	2.400 (60.96)	2.650 (67.31)
40	2.350 (59.69)	2.150 (54.61)	1.900 (48.26)	2.600 (66.04)	2.850 (72.39)
44	2.550 (64.77)	2.350 (59.69)	2.100 (53.34)	2.800 (71.12)	3.050 (77.47)
50	2.850 (72.39)	2.650 (67.31)	2.400 (60.96)	3.100 (78.74)	3.350 (85.09)
54	3.050 (77.47)	2.850 (72.39)	2.600 (66.04)	3.300 (83.82)	3.550 (90.17)
56	3.150 (80.01)	2.950 (74.93)	2.700 (68.58)	3.400 (86.36)	3.650 (92.71)
60	3.350 (85.09)	3.150 (80.01)	2.900 (73.66)	3.600 (91.44)	3.850 (97.79)
66	3.650 (92.71)	3.450 (87.63)	3.200 (81.28)	3.900 (99.06)	4.150 (105.41)
70	3.850 (97.79)	3.650 (92.71)	3.400 (86.36)	4.100 (104.14)	4.350 (110.49)
78	4.250 (107.95)	4.050 (102.87)	3.800 (96.52)	4.500 (114.30)	4.700 (119.38)

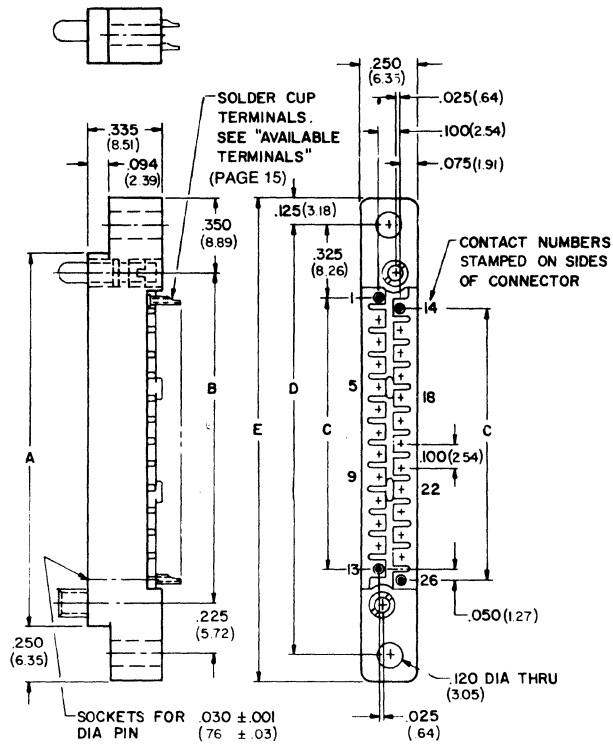
Dimensions in parentheses are in millimeters.

20R10



OUTLINE DRAWINGS

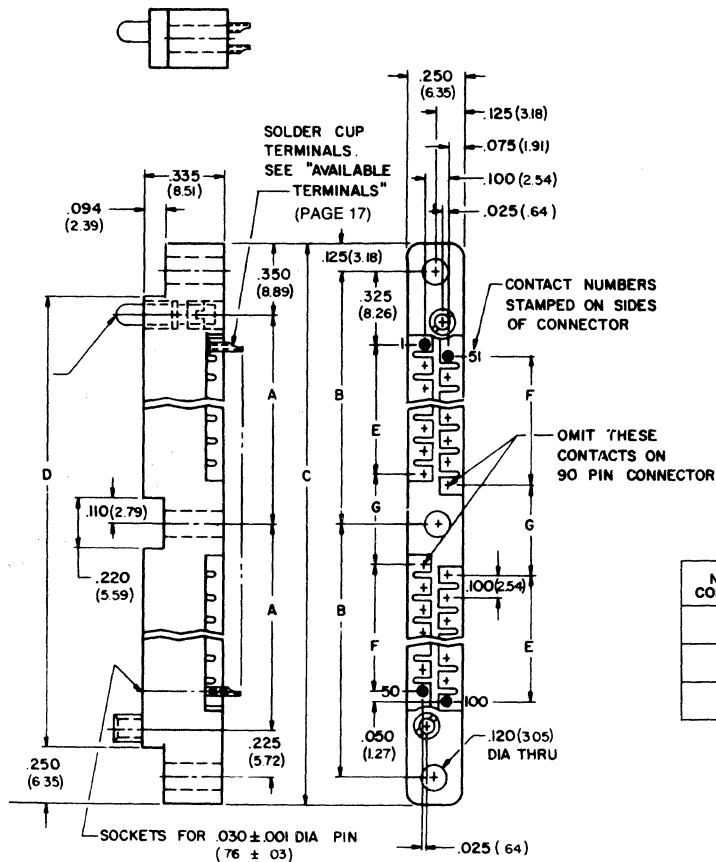
20R4



NO. OF CONTACTS	DIMENSIONS				
	A	B	C	D	E
10	.850 (21.59)	.650 (16.51)	.400 (10.16)	1.100 (27.94)	1.350 (34.29)
14	1.050 (26.67)	.850 (21.59)	.600 (15.24)	1.300 (33.02)	1.550 (39.37)
20	1.350 (34.29)	1.150 (29.21)	.900 (22.86)	1.600 (40.64)	1.850 (46.99)
24	1.550 (39.37)	1.350 (34.29)	1.100 (27.94)	1.800 (45.72)	2.050 (52.07)
26	1.650 (41.91)	1.450 (36.83)	1.200 (30.48)	1.900 (48.26)	2.150 (54.61)
30	1.850 (46.99)	1.650 (41.91)	1.400 (35.56)	2.100 (53.34)	2.350 (59.69)
36	2.150 (54.61)	1.950 (49.53)	1.700 (43.18)	2.400 (60.96)	2.650 (67.31)
40	2.350 (59.69)	2.150 (54.61)	1.900 (48.26)	2.600 (66.04)	2.850 (72.39)
44	2.550 (64.77)	2.350 (59.69)	2.100 (53.34)	2.800 (71.12)	3.050 (77.47)
50	2.850 (72.39)	2.650 (67.31)	2.400 (60.96)	3.100 (78.74)	3.350 (85.09)
54	3.050 (77.47)	2.850 (72.39)	2.600 (66.04)	3.300 (83.82)	3.550 (90.17)
56	3.150 (80.01)	2.950 (74.93)	2.700 (68.58)	3.400 (86.36)	3.650 (92.71)
60	3.350 (85.09)	3.150 (80.01)	2.900 (73.66)	3.600 (91.44)	3.850 (97.79)
66	3.650 (92.71)	3.450 (87.63)	3.200 (81.28)	3.900 (99.06)	4.150 (105.41)
70	3.850 (97.79)	3.650 (92.71)	3.400 (86.36)	4.100 (104.14)	4.350 (110.49)

Dimensions in parentheses are in millimeters.

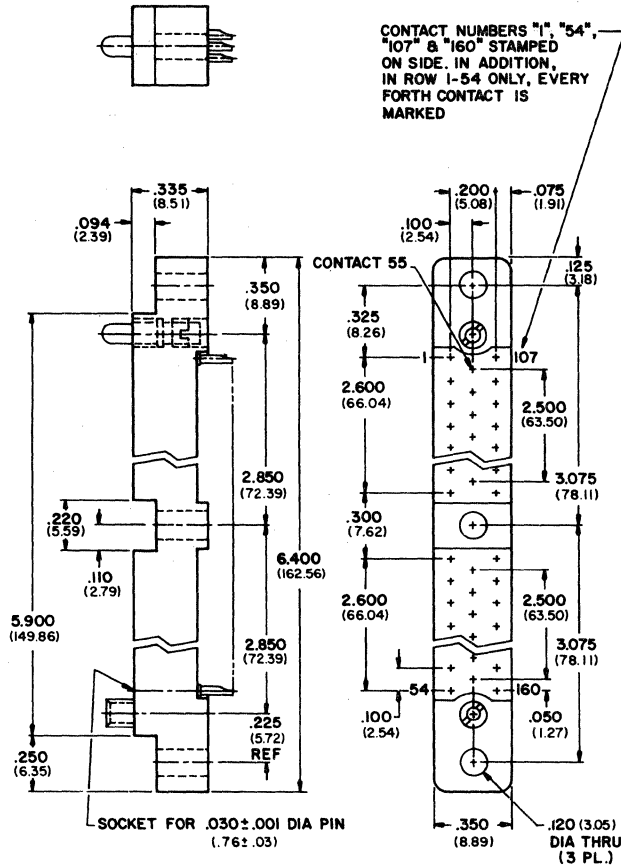
20R5



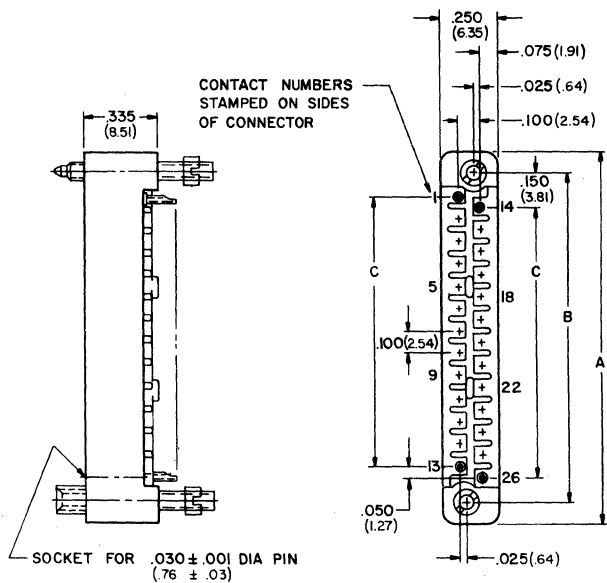
NO. OF CONTACTS	DIMENSIONS						
	A	B	C	D	E	F	G
90	2.475 (62.87)	2.700 (68.58)	5.650 (143.51)	5.150 (130.81)	2.200 (55.88)	2.100 (53.34)	.400 (10.16)
100	2.725 (69.22)	2.950 (74.93)	6.150 (156.21)	5.650 (143.51)	2.400 (60.96)	2.400 (60.96)	.400 (10.16)
120	3.225 (81.92)	3.450 (87.63)	7.150 (181.61)	6.650 (168.91)	2.900 (73.66)	2.900 (73.66)	.400 (10.16)

OUTLINE DRAWINGS

20R6



20R7

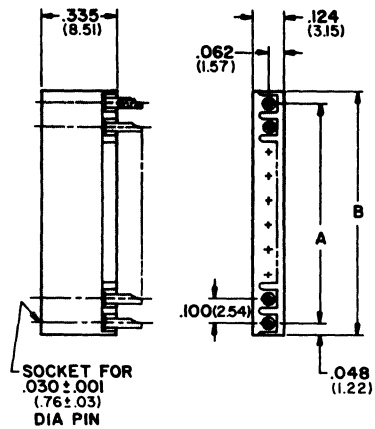


NO. OF CONTACTS	DIMENSIONS				
	A	B	C	D	E
10	.850 (21.59)	.650 (16.51)	.400 (10.16)	1.100 (27.94)	1.350 (34.29)
14	1.050 (26.67)	.850 (21.59)	.600 (15.24)	1.300 (33.02)	1.550 (39.37)
20	1.350 (34.29)	1.150 (29.21)	.900 (22.86)	1.600 (40.64)	1.850 (46.99)
24	1.550 (39.37)	1.350 (34.29)	1.100 (27.94)	1.800 (45.72)	2.050 (52.07)
26	1.650 (41.91)	1.450 (36.83)	1.200 (30.48)	1.900 (48.26)	2.150 (54.61)
30	1.850 (46.99)	1.650 (41.91)	1.400 (35.56)	2.100 (53.34)	2.350 (59.69)
36	2.150 (54.61)	1.950 (49.53)	1.700 (43.18)	2.400 (60.96)	2.650 (67.31)
40	2.350 (59.69)	2.150 (54.61)	1.900 (48.26)	2.600 (66.04)	2.850 (72.39)
44	2.550 (64.77)	2.350 (59.69)	2.100 (53.34)	2.800 (71.12)	3.050 (77.47)
50	2.850 (72.39)	2.650 (67.31)	2.400 (60.96)	3.100 (78.74)	3.350 (85.09)
54	3.050 (77.47)	2.850 (72.39)	2.600 (66.04)	3.300 (83.82)	3.550 (90.17)
56	3.150 (80.01)	2.950 (74.93)	2.700 (68.58)	3.400 (86.36)	3.650 (92.71)
60	3.350 (85.09)	3.150 (80.01)	2.900 (73.56)	3.600 (91.44)	3.850 (97.79)
66	3.650 (92.71)	3.450 (87.63)	3.200 (81.28)	3.900 (99.06)	4.150 (105.41)
70	3.850 (97.79)	3.650 (92.71)	3.400 (86.36)	4.100 (104.14)	4.350 (110.49)
78	4.250 (107.95)	4.050 (102.87)	3.800 (96.52)	4.500 (114.30)	4.700 (119.38)

Dimensions in parentheses are in millimeters.

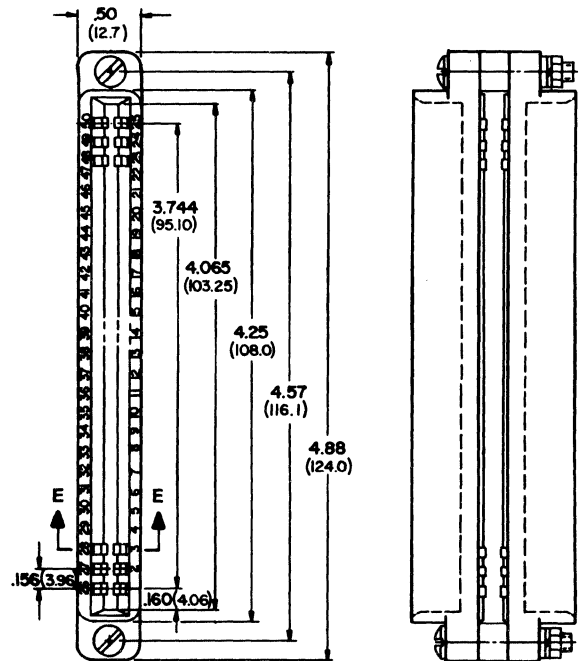
OUTLINE DRAWINGS

20R8

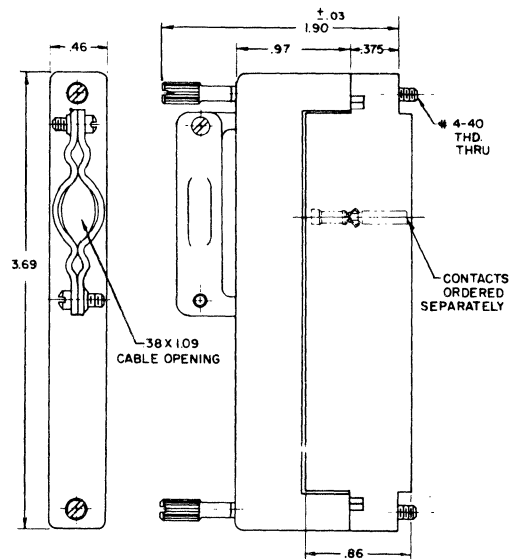


NO. OF CONTACTS	A	B
1	-	.096 (2.44)
2	.100 (2.54)	.196 (4.98)
3	.200 (5.08)	.296 (7.52)
4	.300 (7.62)	.396 (10.06)
5	.400 (10.16)	.496 (12.60)
6	.500 (12.70)	.596 (15.14)
7	.600 (15.24)	.696 (17.68)
8	.700 (17.78)	.796 (20.22)
9	.800 (20.32)	.896 (22.76)
10	.900 (22.86)	.996 (25.30)
11	1.000 (25.40)	1.096 (27.86)
12	1.100 (27.94)	1.196 (30.38)
13	1.200 (30.48)	1.296 (32.92)
14	1.300 (33.02)	1.396 (35.46)
15	1.400 (35.56)	1.496 (38.00)
16	1.500 (38.10)	1.596 (40.54)
17	1.600 (40.64)	1.696 (43.08)
18	1.700 (43.18)	1.796 (45.76)
19	1.800 (45.72)	1.896 (48.16)
20	1.900 (48.26)	1.996 (50.70)

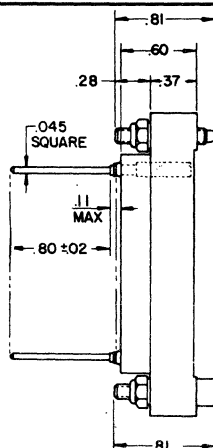
20R12



20R14

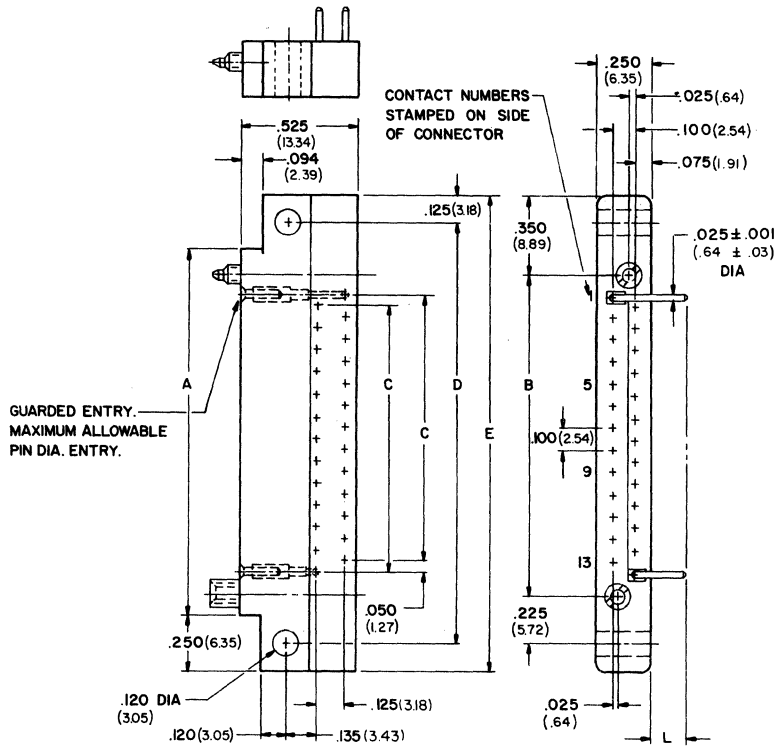


20R15



OUTLINE DRAWINGS

20R9

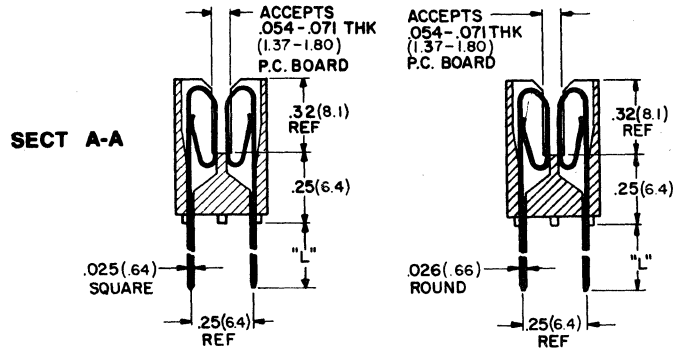
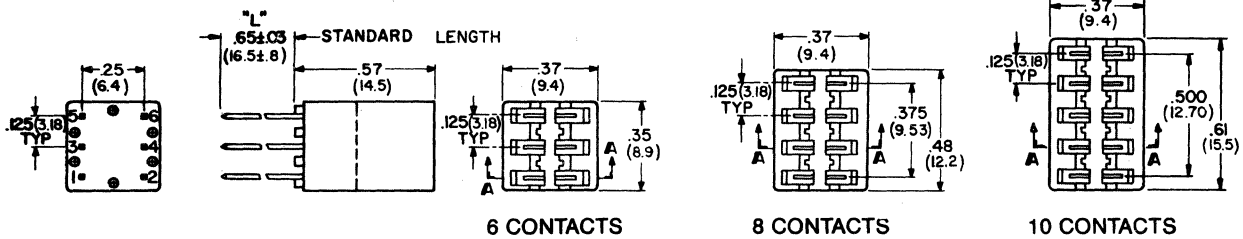


TABULATION

NO. OF CONTACTS	DIMENSIONS				
	A	B	C	D	E
10	.850 (21.59)	.850 (16.51)	.400 (10.16)	1.100 (27.94)	1.350 (34.29)
14	1.050 (26.67)	.850 (21.59)	.800 (15.24)	1.300 (33.02)	1.550 (39.37)
20	1.350 (34.29)	1.150 (29.21)	.900 (22.86)	1.600 (40.64)	1.850 (46.99)
24	1.550 (39.37)	1.350 (34.29)	1.100 (27.94)	1.800 (45.72)	2.050 (52.07)
26	1.650 (41.91)	1.450 (36.83)	1.200 (30.48)	1.900 (48.26)	2.150 (54.61)
30	1.850 (46.99)	1.650 (41.91)	1.400 (35.56)	2.100 (53.34)	2.350 (59.69)
36	2.150 (54.61)	1.950 (49.53)	1.700 (43.18)	2.400 (60.96)	2.650 (67.31)
40	2.350 (59.69)	2.150 (54.61)	1.900 (48.26)	2.600 (66.04)	2.850 (72.39)
44	2.550 (64.77)	2.350 (59.69)	2.100 (53.34)	2.800 (71.12)	3.050 (77.47)
50	2.850 (72.39)	2.650 (67.31)	2.400 (60.96)	3.100 (78.74)	3.350 (85.09)
54	3.050 (77.47)	2.850 (72.39)	2.600 (66.04)	3.300 (83.82)	3.550 (90.17)
56	3.150 (80.01)	2.950 (74.93)	2.700 (68.58)	3.400 (86.36)	3.650 (92.71)
60	3.350 (85.09)	3.150 (80.01)	2.900 (73.66)	3.600 (91.44)	3.850 (97.79)
66	3.650 (92.71)	3.450 (87.63)	3.200 (81.28)	3.900 (99.06)	4.150 (105.41)
70	3.850 (97.79)	3.650 (92.71)	3.400 (86.36)	4.100 (104.14)	4.350 (110.49)

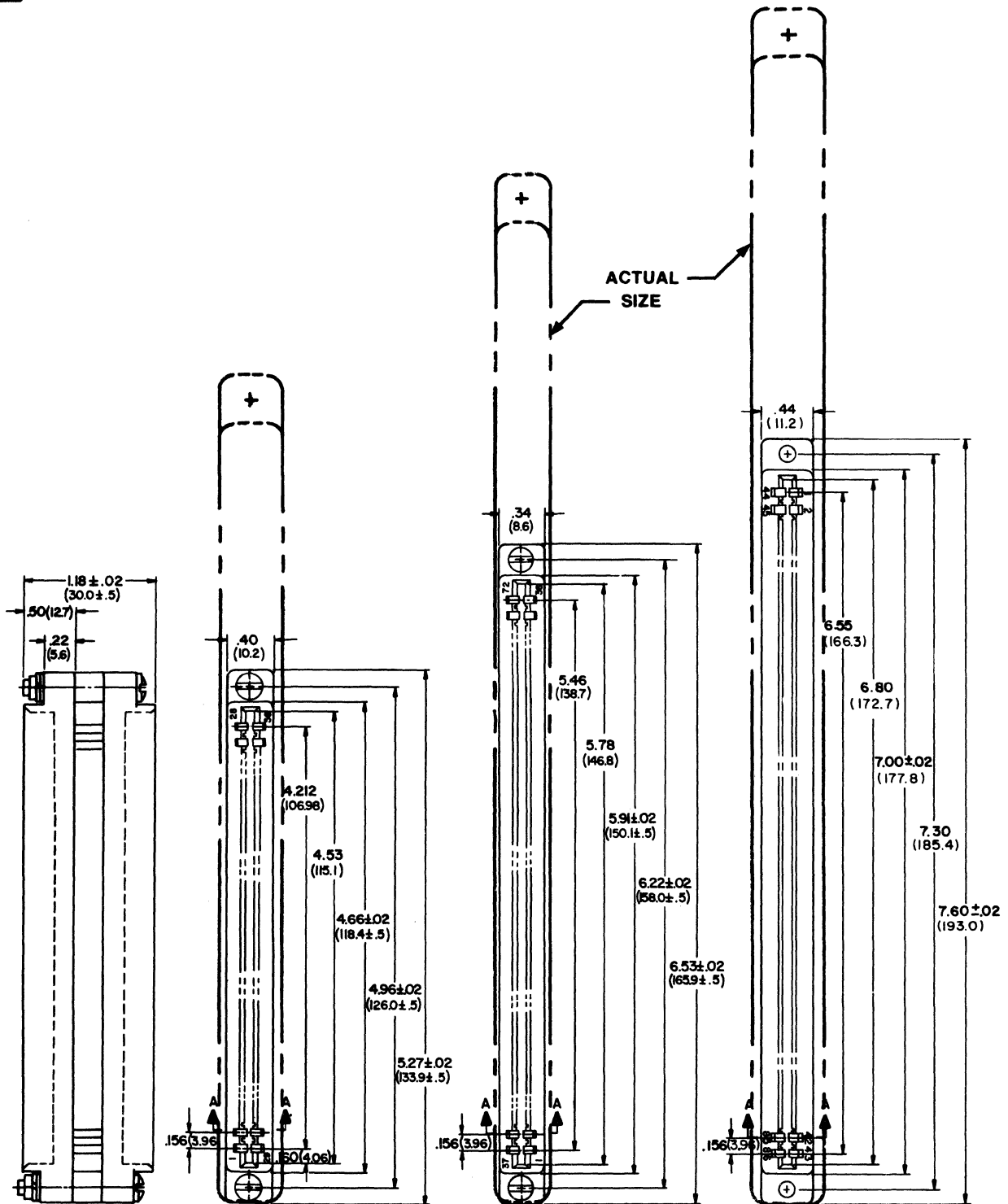
Dimensions in parentheses are in millimeters

20R13



OUTLINE DRAWINGS

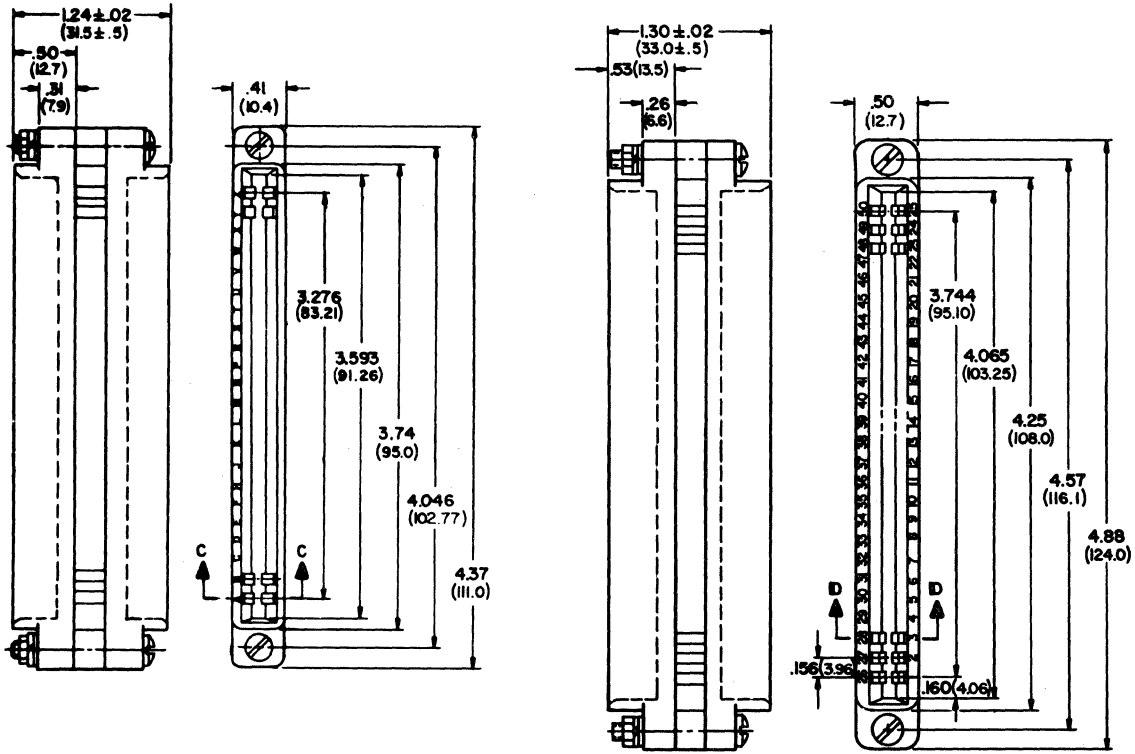
20R11



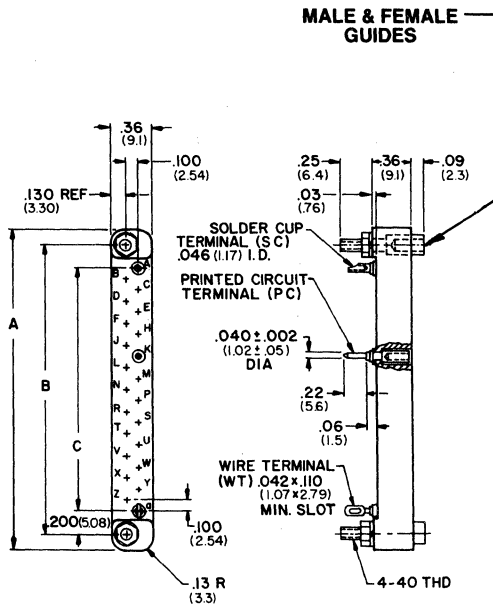
Continued on next page

OUTLINE DRAWINGS

20R11 Continued from previous page



20R1

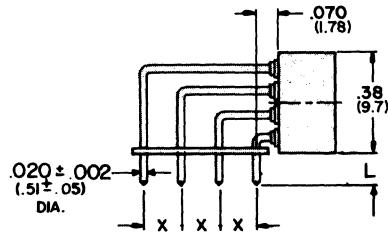


NO. OF CONTACTS	DIMENSIONS		
	A	B	C REF
7	1.30 (33.0)	1.000 (25.40)	.600 (15.24)
9	1.50 (38.1)	1.200 (30.48)	.800 (20.32)
11	1.70 (43.2)	1.400 (35.56)	1.000 (25.40)
15	2.10 (53.3)	1.800 (45.72)	1.400 (35.56)
19	2.50 (63.5)	2.200 (55.88)	1.800 (45.72)
23	2.90 (73.7)	2.600 (66.04)	2.200 (55.88)
37	4.30 (109.2)	4.000 (101.60)	3.600 (91.44)

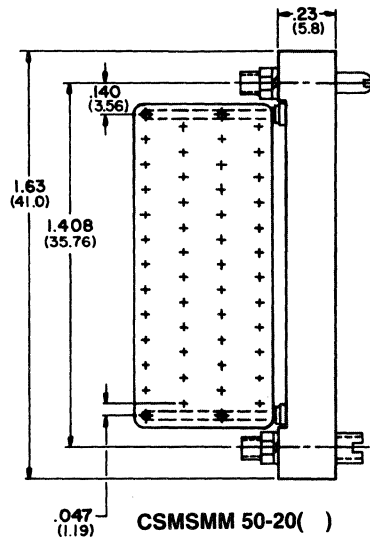
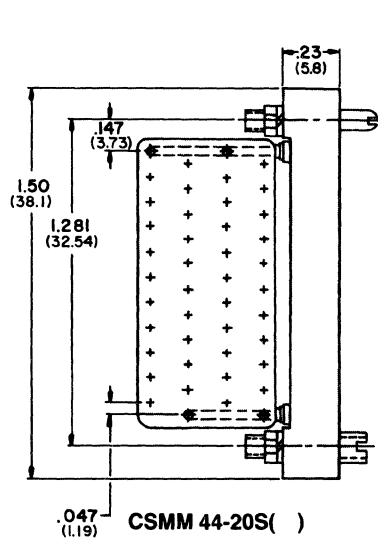
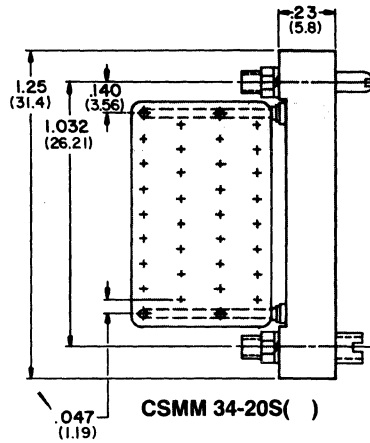
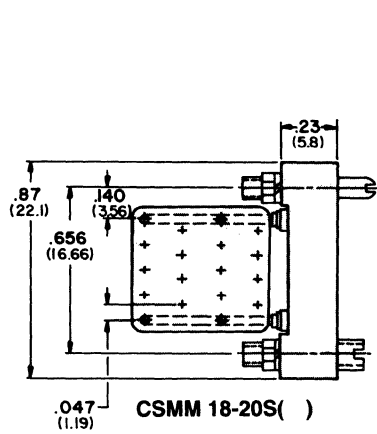
Dimensions in parentheses are in millimeters

OUTLINE DRAWINGS

20R16



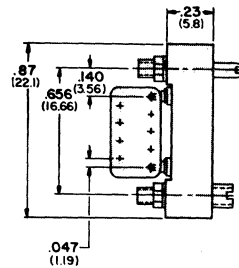
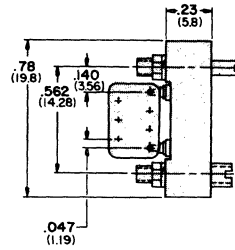
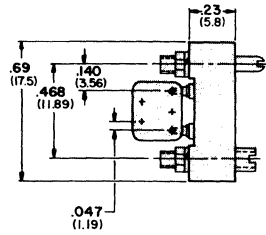
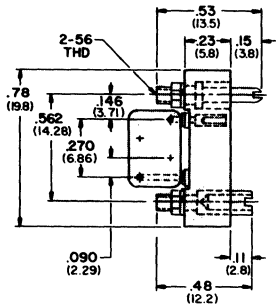
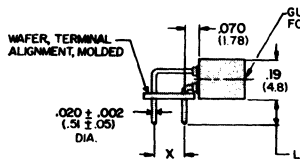
END V
18, 34,



X	L
.10 (2.5)	.093 (2.36) .125 (3.18) .156 (3.96)
.15 (3.8)	.093 (2.36) .125 (3.18) .156 (3.96)

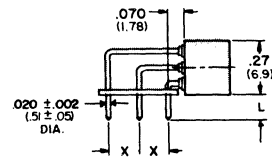
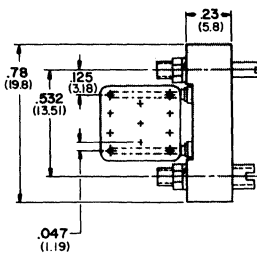
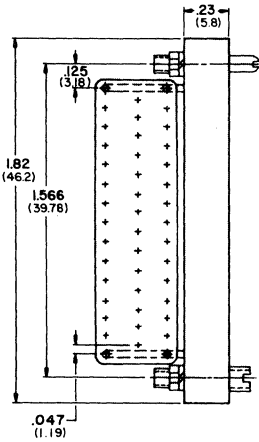
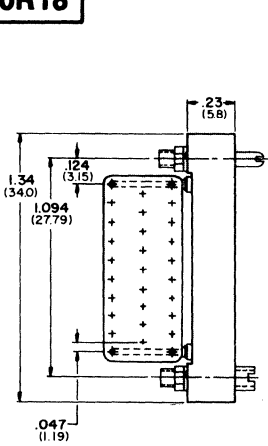
OUTLINE DRAWINGS

20R17

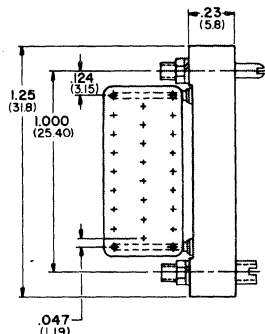
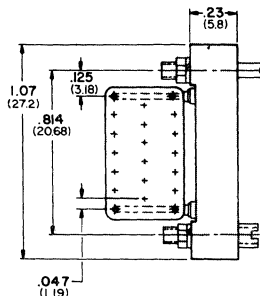
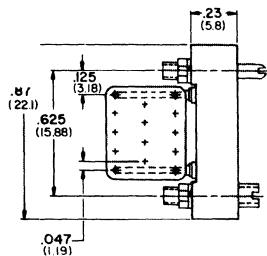


X	L
.10 (2.5)	.093 (2.36)
	.125 (3.18)
	.156 (3.96)
.15 (3.8)	.093 (2.36)
	.125 (3.18)
	.156 (3.96)

20R18

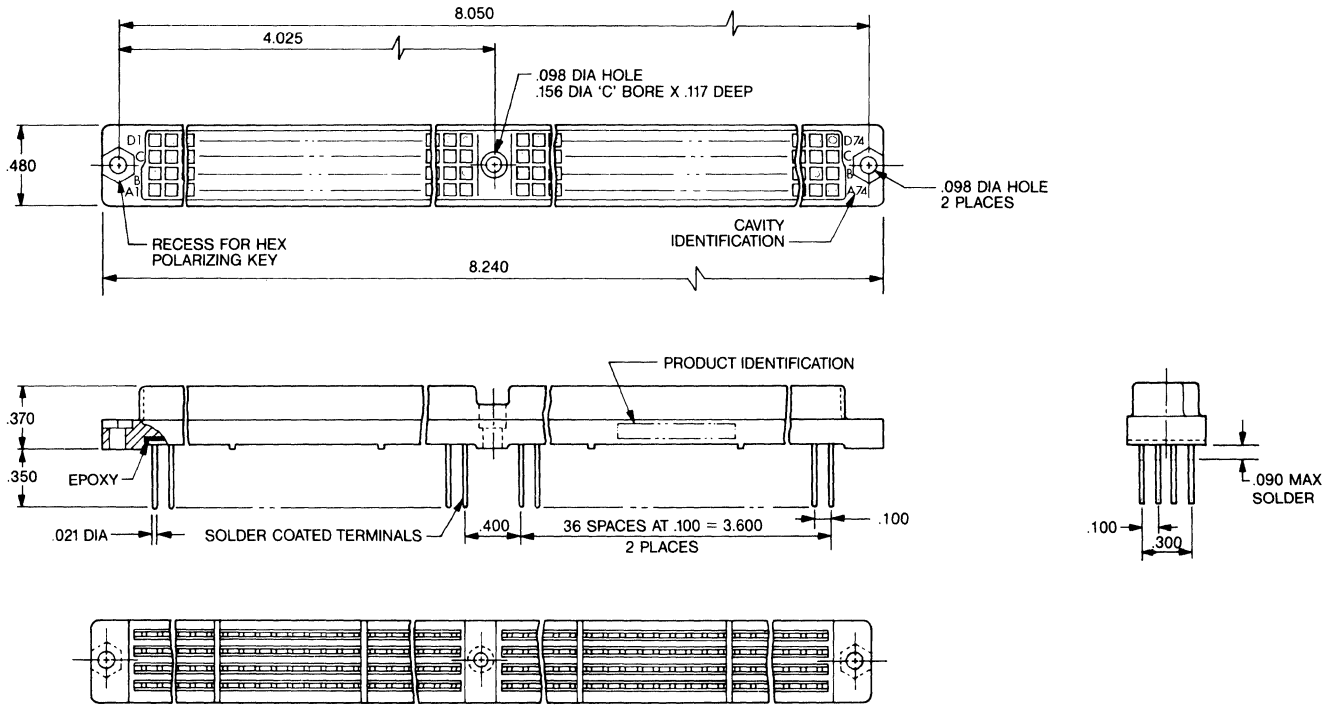


X	L
.10 (2.5)	.093 (2.36)
	.125 (3.18)
	.156 (3.96)
.15 (3.8)	.093 (2.36)
	.125 (3.18)
	.156 (3.96)

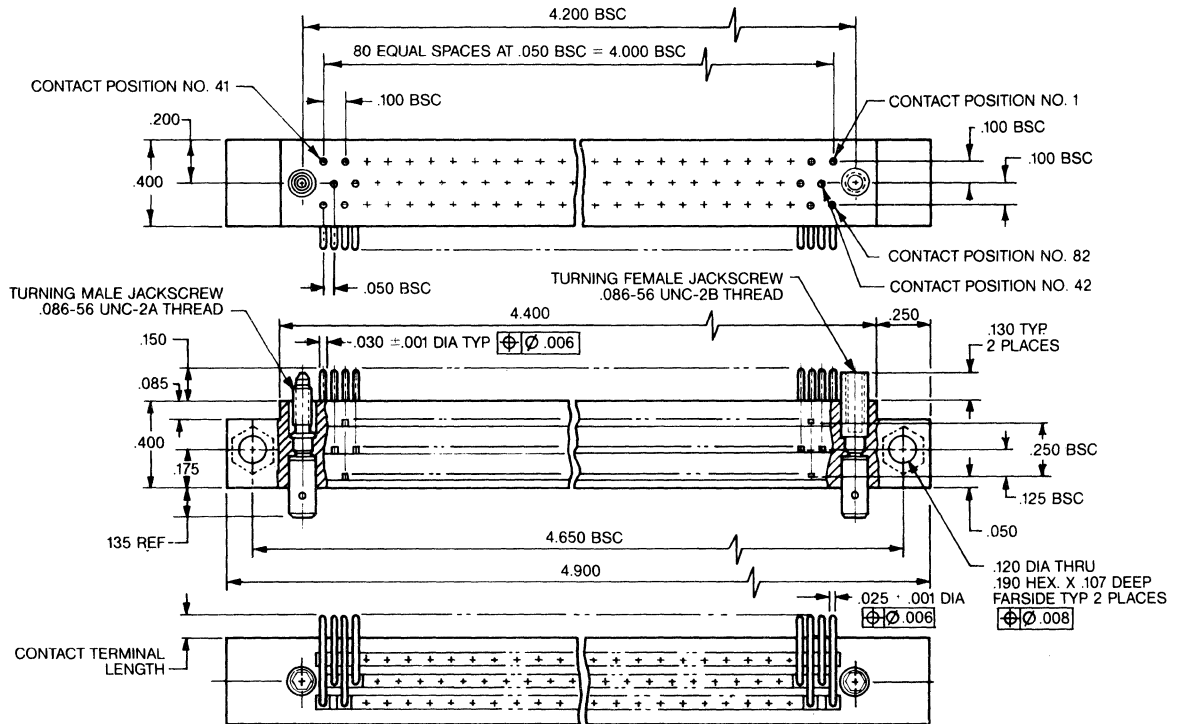


OUTLINE DRAWINGS

23R1

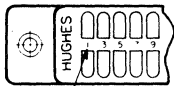
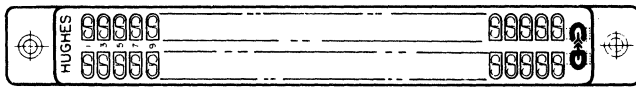
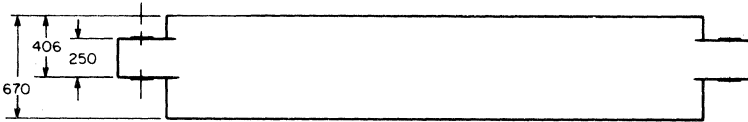
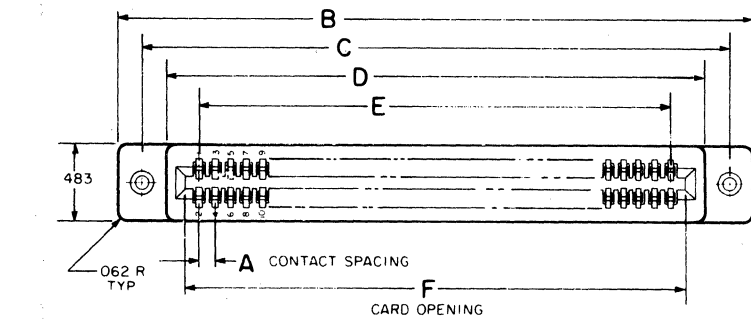


23R2



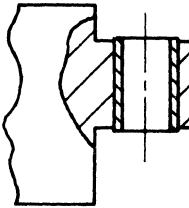
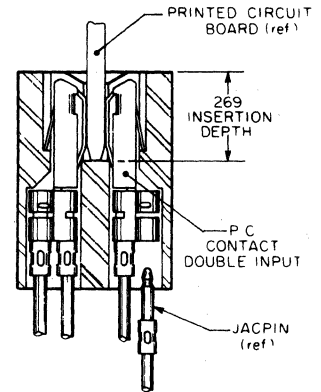
OUTLINE DRAWINGS

23R3

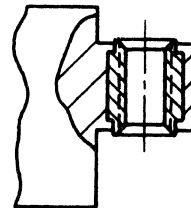


ORIENTATION MAY VARY AS SHOWN

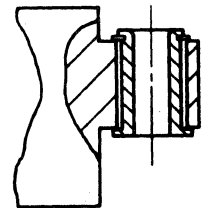
Typical Cavity Cross-Section



INSERT STYLE 000
.127 DIA. THRU HOLE



INSERT STYLE 001
4-40 THREAD



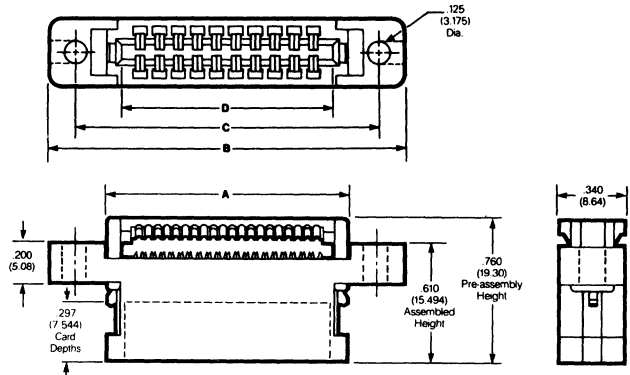
INSERT STYLE 006
FLOATING BUSHING WITH
.127 DIA. THRU HOLE

DWG NUMBER	NO. OF POSITIONS	NO. OF CONTACTS	A CONTACT SPACING	B	C	D	E	F
23R3a	15	30	.100	2.46	2.150	1.838	1.400	1.600
23R3a	18	36	.100	2.76	2.450	2.138	1.700	1.900
23R3a	22	44	.100	3.16	2.850	2.538	2.100	2.300
23R3a	30	60	.100	3.96	3.650	3.338	2.900	3.100
23R3a	36	72	.100	4.56	4.250	3.938	3.500	3.700
23R3a	43	86	.100	5.26	4.950	4.638	4.200	4.400
23R3a	48	96	.100	5.76	5.450	5.138	4.700	4.900
23R3a	66	136	.100	7.76	7.450	7.138	6.700	6.900
23R3b	15	30	.156	3.24	2.934	2.622	2.184	2.504
23R3b	22	44	.156	4.33	4.026	3.714	3.276	3.596
23R3b	30	60	.156	5.58	5.274	4.962	4.524	4.844
23R3b	43	86	.156	7.61	7.302	6.990	6.552	6.802

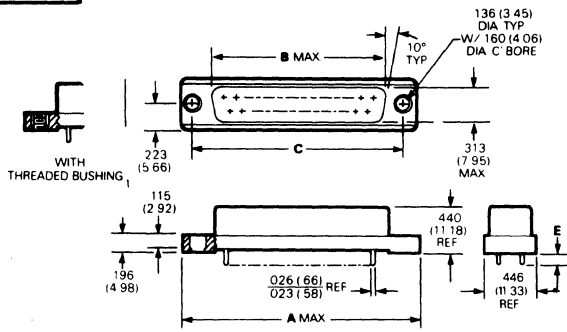
OUTLINE DRAWINGS

24R1

No. of Contacts	A		B		C		D	
	in.	mm	in.	mm	in.	mm	in.	mm
10	.768	19.51	1.335	33.91	1.075	27.31	.600	15.24
16	1.068	27.13	1.635	41.53	1.375	34.93	.900	22.86
20	1.268	32.21	1.835	46.61	1.575	40.01	1.100	27.94
26	1.568	39.83	2.135	54.23	1.875	47.63	1.140	28.96
34	1.968	49.99	2.535	64.39	2.275	57.79	1.800	45.72
40	2.268	57.61	2.835	72.01	2.575	65.41	2.100	53.34
50	2.768	70.31	3.335	84.71	3.075	78.11	2.600	66.04
60	3.268	83.00	3.835	97.41	3.575	90.81	3.100	78.74

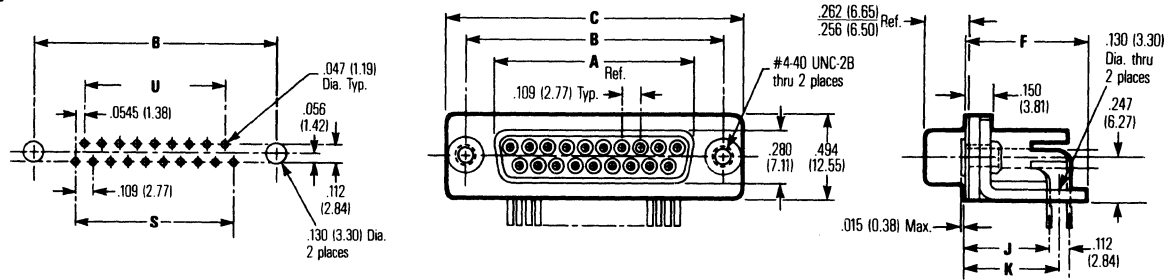


24R2



Contact Size	A		B		B Max		C		D		E		L Max	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm		
9	1.218	30.94	.685	16.44	.648	16.46	.884	24.99	.615	15.62	.125	3.18	1.324	33.63
15	1.547	39.29	.982	25.20	.976	24.79	1.312	33.32	.942	23.93	.125	3.18	1.651	41.94
25	2.089	53.06	1.531	38.89	1.516	38.51	1.852	47.04	1.490	37.85	.125	3.18	2.194	55.73
37	2.739	69.57	2.178	55.35	2.154	54.97	2.500	63.50	2.142	54.41	.125	3.18	2.839	72.11

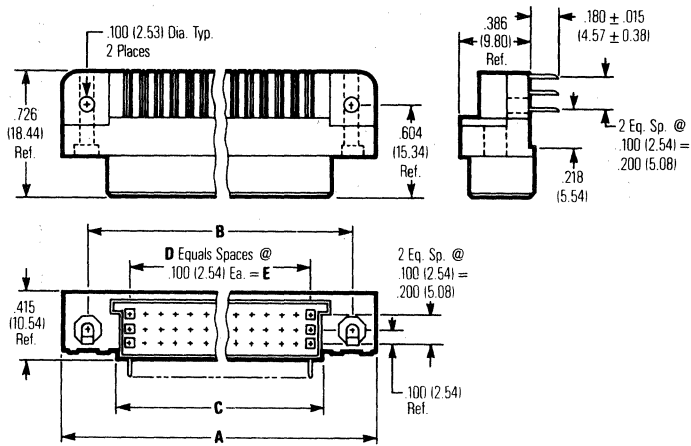
24R5



Contact Size	Style	A ±.010(.25)		B ±.000(.13)		C ±.015(.38)		F ±.010(.25)		J ±.015(.38)		K ±.015(.38)		S		U	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
9	A	.612	15.59	.894	24.99	1.203	30.55	.544	13.81	.318	10.92	.374	9.49	.436	11.07	.327	8.30
9	B	.612	15.59	.894	24.99	1.203	30.55	.704	17.88	.478	14.98	.534	13.56	.436	11.07	.327	8.30
9	C	.612	15.59	.894	24.99	1.203	30.55	.816	20.72	.590	17.83	.646	16.46	.436	11.07	.327	8.30
9	D	.612	15.59	.894	24.99	1.203	30.55	.544	13.81	.318	10.92	.374	9.49	.436	11.07	.327	8.30
9	E	.612	15.59	.894	24.99	1.203	30.55	.704	17.88	.478	14.98	.534	13.56	.436	11.07	.327	8.30
9	F	.612	15.59	.894	24.99	1.203	30.55	.816	20.72	.590	17.83	.646	16.46	.436	11.07	.327	8.30
15	A	.840	23.87	1.312	33.32	1.531	38.88	.544	13.81	.318	10.92	.374	9.49	.763	19.38	.654	16.61
15	B	.840	23.87	1.312	33.32	1.531	38.88	.704	17.88	.478	14.98	.534	13.56	.763	19.38	.654	16.61
15	C	.840	23.87	1.312	33.32	1.531	38.88	.816	20.72	.590	17.83	.646	16.46	.763	19.38	.654	16.61
15	D	.840	23.87	1.312	33.32	1.531	38.88	.544	13.81	.318	10.92	.374	9.49	.763	19.38	.654	16.61
15	E	.840	23.87	1.312	33.32	1.531	38.88	.704	17.88	.478	14.98	.534	13.56	.763	19.38	.654	16.61
15	F	.840	23.87	1.312	33.32	1.531	38.88	.816	20.72	.590	17.83	.646	16.46	.763	19.38	.654	16.61
19	A	1.154	29.31	1.526	38.67	1.745	44.32	.544	13.81	.318	10.92	.374	9.49	.881	24.91	.872	22.14
19	B	1.154	29.31	1.526	38.67	1.745	44.32	.704	17.88	.478	14.98	.534	13.56	.881	24.91	.872	22.14
19	C	1.154	29.31	1.526	38.67	1.745	44.32	.816	20.72	.590	17.83	.646	16.46	.881	24.91	.872	22.14
19	D	1.154	29.31	1.526	38.67	1.745	44.32	.544	13.81	.318	10.92	.374	9.49	.881	24.91	.872	22.14
19	E	1.154	29.31	1.526	38.67	1.745	44.32	.704	17.88	.478	14.98	.534	13.56	.881	24.91	.872	22.14
19	F	1.154	29.31	1.526	38.67	1.745	44.32	.816	20.72	.590	17.83	.646	16.46	.881	24.91	.872	22.14
25	A	1.480	37.58	1.852	47.04	2.078	52.78	.544	13.81	.318	10.92	.374	9.49	1.308	33.22	1.199	30.45
25	B	1.480	37.58	1.852	47.04	2.078	52.78	.704	17.88	.478	14.98	.534	13.56	1.308	33.22	1.199	30.45
25	C	1.480	37.58	1.852	47.04	2.078	52.78	.816	20.72	.590	17.83	.646	16.46	1.308	33.22	1.199	30.45
25	D	1.480	37.58	1.852	47.04	2.078	52.78	.544	13.81	.318	10.92	.374	9.49	1.308	33.22	1.199	30.45
25	E	1.480	37.58	1.852	47.04	2.078	52.78	.704	17.88	.478	14.98	.534	13.56	1.308	33.22	1.199	30.45
25	F	1.480	37.58	1.852	47.04	2.078	52.78	.816	20.72	.590	17.83	.646	16.46	1.308	33.22	1.199	30.45
37	A	2.128	54.05	2.500	63.50	2.719	69.06	.544	13.81	.318	10.92	.374	9.49	1.962	49.83	1.853	47.06
37	B	2.128	54.05	2.500	63.50	2.719	69.06	.704	17.88	.478	14.98	.534	13.56	1.962	49.83	1.853	47.06
37	C	2.128	54.05	2.500	63.50	2.719	69.06	.816	20.72	.590	17.83	.646	16.46	1.962	49.83	1.853	47.06
37	D	2.128	54.05	2.500	63.50	2.719	69.06	.544	13.81	.318	10.92	.374	9.49	1.962	49.83	1.853	47.06
37	E	2.128	54.05	2.500	63.50	2.719	69.06	.704	17.88	.478	14.98	.534	13.56	1.962	49.83	1.853	47.06
37	F	2.128	54.05	2.500	63.50	2.719	69.06	.816	20.72	.590	17.83	.646	16.46	1.962	49.83	1.853	47.06

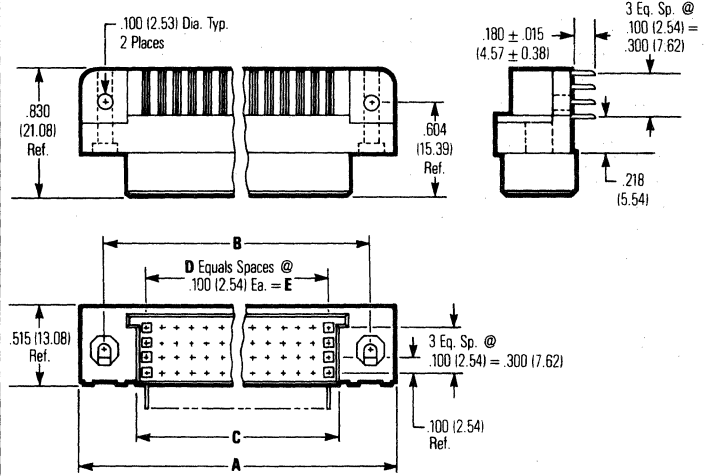
OUTLINE DRAWINGS

24R8



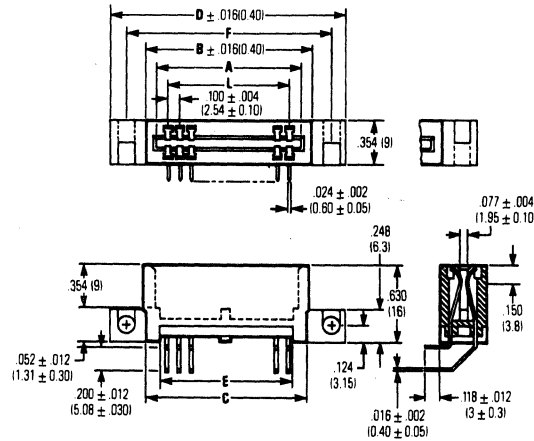
NO. OF CONTACTS	A		B		C-PLUG		D	E	
	in	mm	in	mm	in	mm		in	mm
105	4.25	107.95	3.95	100.33	3.52	89.40	34	3.40	86.36
126	4.95	125.73	4.65	118.11	4.22	107.19	41	4.10	104.14
201	7.45	189.23	7.15	181.61	6.72	107.69	66	6.60	167.64
225	8.25	209.55	7.95	201.93	7.52	191.01	74	7.40	187.96
300	10.75	273.05	10.45	265.43	10.02	254.51	99	9.90	251.46

24R9



NO. OF CONTACTS	A		B		C-PLUG		D	E	
	in	mm	in	mm	in	mm		in	mm
128	3.95	100.33	3.65	92.71	3.22	81.79	31	3.10	78.74
172	5.05	128.27	4.75	120.65	4.32	109.72	42	4.20	106.68
200	5.75	146.05	5.45	138.43	5.02	127.51	49	4.90	124.46
268	7.45	189.23	7.15	181.61	6.72	170.69	66	6.60	167.64
300	8.25	209.55	7.95	201.93	7.52	191.01	74	7.40	187.96
400	10.75	273.05	10.45	265.43	10.02	254.50	99	9.90	251.46

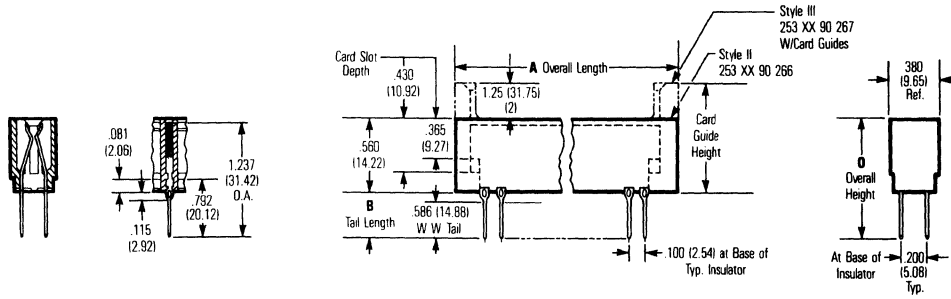
24R10



No. of Contacts	A		B		C		L		D		E		F	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
15	1.625	40.64	1.788	44.70	1.676	41.92	1.422	35.56	2.372	59.32	1.516	37.92	2.108	52.72
18	1.930	48.26	2.092	52.32	1.981	49.54	1.727	43.18	—	—	—	—	—	—
20	2.133	53.34	2.296	57.40	2.185	54.64	1.930	48.26	—	—	—	—	—	—
22	2.336	58.42	2.499	62.46	2.388	59.70	2.133	53.34	—	—	—	—	—	—
25	2.641	66.04	2.804	70.10	2.692	67.32	2.438	60.96	3.388	84.72	2.532	63.32	3.124	78.12
30	3.149	78.74	3.312	82.80	3.200	80.02	2.946	73.66	—	—	—	—	—	—
32	3.352	83.82	3.515	87.88	3.804	95.10	3.149	78.74	—	—	—	—	—	—

OUTLINE DRAWINGS

24R11



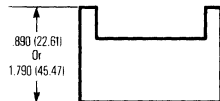
Style II—Without Card Guides
0.170" (4.32mm) Floor Height



Style V—Without Card Guides
0.235" (5.97mm) Floor Height at Ends



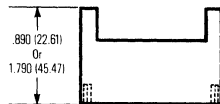
Style III—With Card Guides
0.170" (4.32mm) Floor Height



Style VII—With Card Guides
0.235" (5.97mm) Floor Height at Ends



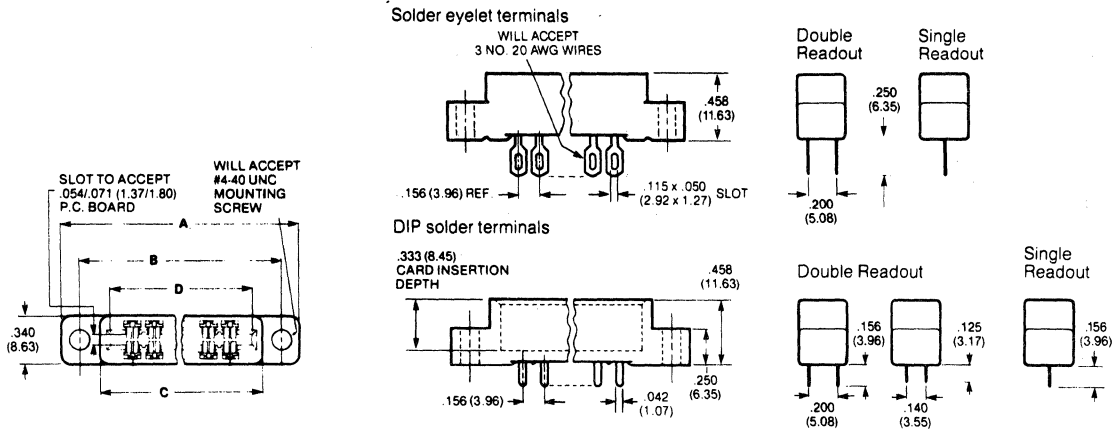
Style IV—With Card Guides
With Mounting Holes
0.235" (5.97mm) Floor Height at Ends



No. of Pos/Cont	F Type 1 All Styles		F Type 2 & Type 3 All Styles		G Type 1 All Styles		H Type 1 Style II & V		H Type 1 Style III, IV, VII	
	in	mm	in	mm	in	mm	in	mm	in	mm
10/20	.900	22.86	—	—	1.100	27.94	1.260	32.00	1.320	33.53
12/24	1.100	27.94	—	—	1.300	33.02	1.460	37.08	1.520	38.61
15/30	1.400	35.56	—	—	1.600	40.64	1.760	44.70	1.820	46.23
18/36	1.700	43.18	—	—	1.900	48.26	2.060	52.32	2.120	53.85
22/44	2.100	53.34	—	—	2.300	58.42	2.460	62.48	2.520	64.01
25/50	2.400	60.96	—	—	2.600	66.04	2.760	70.10	2.820	71.63
28/56	2.700	68.58	—	—	2.900	73.66	3.060	77.72	3.120	79.25
30/60	2.900	73.66	2.900	73.66	3.100	78.74	3.260	82.80	3.320	84.33
31/62	3.000	76.20	—	—	3.200	81.28	3.360	85.34	3.420	86.87
35/70	3.400	86.36	3.400	86.36	3.600	91.44	3.760	95.50	3.820	97.03
36/72	3.500	88.90	3.500	88.90	3.700	93.98	3.860	98.04	3.920	99.57
40/80	3.900	99.06	3.900	99.06	4.100	104.14	4.260	108.20	4.320	109.73
43/86	4.200	106.68	4.200	106.68	4.400	111.76	4.560	115.82	4.620	117.35
50/100	4.900	124.46	4.900	124.46	5.100	129.54	5.260	133.60	5.320	135.13
57/114	5.600	142.24	5.600	142.24	5.800	147.32	5.960	151.38	6.020	152.91
60/120	5.900	149.86	5.900	149.86	6.100	154.94	6.260	159.00	6.320	160.53
70/140	6.900	175.26	—	—	7.100	180.34	7.260	184.40	7.320	185.93

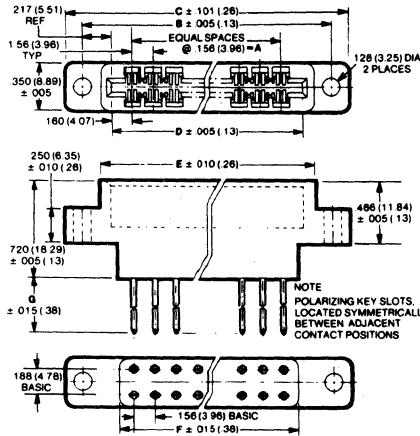
OUTLINE DRAWINGS

24R12



Contact Positions	A		B		C		D	
	In.	MM	In.	MM	In.	MM	In.	MM
6	1.785	45.33	1.531	38.88	1.239	31.47	1.100	27.94
10	2.410	61.21	2.156	54.76	1.864	47.34	1.724	43.79
12	2.723	69.16	2.469	62.71	2.177	55.29	2.036	51.71
15	3.191	81.05	2.937	74.60	2.645	67.18	2.504	63.60
18	3.660	92.96	3.406	86.51	3.114	79.09	2.972	75.48
22	4.285	108.83	4.031	102.38	3.739	94.97	3.596	91.33
24	4.598	116.79	4.344	110.31	4.052	102.92	3.911	99.33
25	4.754	120.75	4.500	114.30	4.208	106.88	4.067	103.30

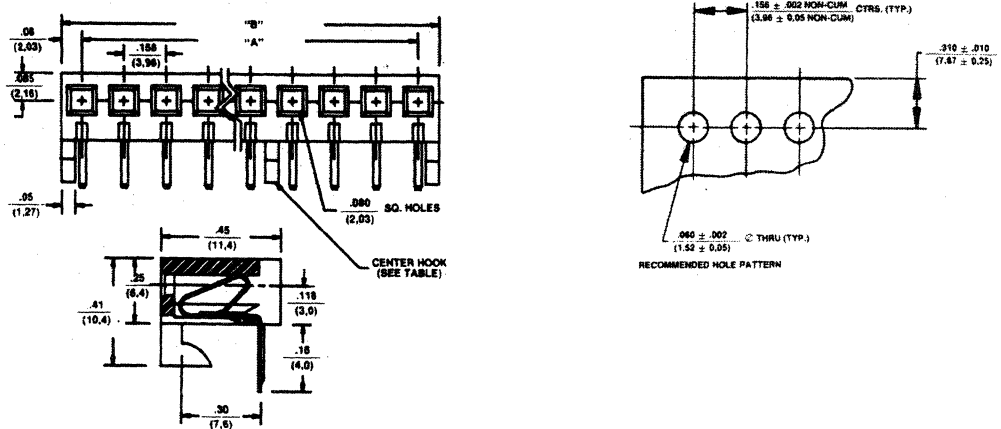
24R14



Contact Positions	Dimensions													
	A		B		C		D		E		F		G	
	In.	MM	In.	MM	In.	MM	In.	MM	In.	MM	In.	MM	In.	MM
10	1.404	35.66	2.158	54.81	2.408	61.16	1.724	43.79	1.878	47.70	1.616	41.05	550	13.97
10	1.404	35.66	2.158	54.81	2.408	61.16	1.724	43.79	1.878	47.70	1.616	41.05	755	19.18
10	1.404	35.66	2.158	54.81	2.408	61.16	1.724	43.79	1.878	47.70	1.616	41.05	1,051	26.70
15	2.184	55.47	2.938	74.63	3.188	80.98	2.504	63.60	2.658	67.51	2.395	60.86	550	13.97
15	2.184	55.47	2.938	74.63	3.188	80.98	2.504	63.60	2.658	67.51	2.395	60.86	755	19.18
15	2.184	55.47	2.938	74.63	3.188	80.98	2.504	63.60	2.658	67.51	2.395	60.86	1,051	26.70
18	2.652	67.36	3.406	86.51	3.656	92.86	2.972	75.49	3.126	79.40	2.864	72.75	550	13.97
18	2.652	67.36	3.406	86.51	3.656	92.86	2.972	75.49	3.126	79.40	2.864	72.75	755	19.18
18	2.652	67.36	3.406	86.51	3.656	92.86	2.972	75.49	3.126	79.40	2.864	72.75	1,051	26.70
22	3.276	83.21	4.030	102.36	4.280	108.71	3.596	91.34	3.750	95.25	3.488	88.60	550	13.97
22	3.276	83.21	4.030	102.36	4.280	108.71	3.596	91.34	3.750	95.25	3.488	88.60	755	19.18
22	3.276	83.21	4.030	102.36	4.280	108.71	3.596	91.34	3.750	95.25	3.488	88.60	1,051	26.70
25	3.744	95.10	4.498	114.25	4.748	120.60	4.064	103.23	4.218	107.14	3.956	100.48	550	13.97
25	3.744	95.10	4.498	114.25	4.748	120.60	4.064	103.23	4.218	107.14	3.956	100.48	755	19.18
25	3.744	95.10	4.498	114.25	4.748	120.60	4.064	103.23	4.218	107.14	3.956	100.48	1,051	26.70
30	4.524	114.91	5.278	134.06	5.528	140.41	4.844	123.04	4.988	126.70	4.736	120.29	550	13.97
30	4.524	114.91	5.278	134.06	5.528	140.41	4.844	123.04	4.988	126.70	4.736	120.29	755	19.18
30	4.524	114.91	5.278	134.06	5.528	140.41	4.844	123.04	4.988	126.70	4.736	120.29	1,051	26.70

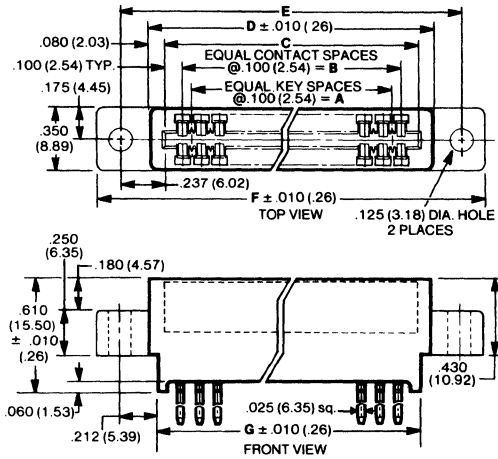
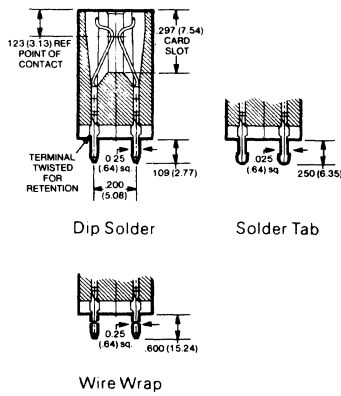
8R3

No. of Circuits	Dimensions "A"		Dimensions "B"	
	Inches	MM	Inches	MM
4	.468	(11.89)	.63	(16.0)
5	.624	(15.85)	.78	(19.8)
6	.780	(19.81)	.94	(23.9)
7	.936	(23.77)	1.10	(27.9)
8	1.092	(27.74)	1.25	(31.8)
9	1.248	(31.70)	1.41	(35.8)
10	1.404	(35.66)	1.56	(39.6)
11	1.560	(39.62)	1.72	(43.7)
12	1.716	(43.59)	1.88	(47.8)
13	1.872	(47.55)	2.03	(51.6)
14	2.028	(51.51)	2.19	(55.6)
15	2.184	(55.69)	2.34	(59.4)



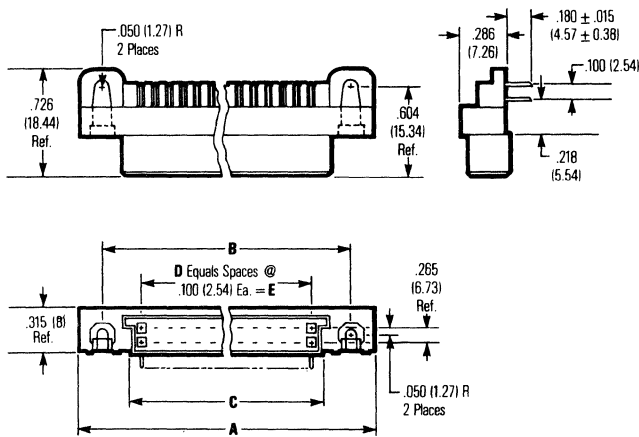
OUTLINE DRAWINGS

24R15



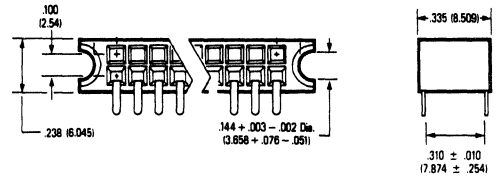
Contact Positions	Dimensions													
	A		B		C		D		E		F		G	
	In.	MM	In.	MM	In.	MM	In.	MM	In.	MM	In.	MM	In.	MM
15	1.300	33.02	1.400	35.56	1.600	40.64	1.760	44.70	2.075	52.71	2.335	59.31	1.650	41.91
22	2.000	50.80	2.100	53.34	2.300	58.42	2.460	62.48	2.775	70.49	3.035	77.09	2.350	59.69
36	3.400	86.36	3.500	88.90	3.700	93.98	3.860	98.04	4.175	106.05	4.435	112.65	3.750	95.25
40	3.800	96.50	3.900	99.06	4.100	104.14	4.260	108.20	4.575	116.21	4.835	122.81	4.150	105.41
43	4.100	104.14	4.200	106.68	4.400	111.76	4.560	115.82	4.875	123.83	5.135	130.43	4.450	112.81
50	4.800	121.92	4.900	124.46	5.100	129.54	5.260	133.60	5.575	141.61	5.835	148.21	5.150	130.81

24R7



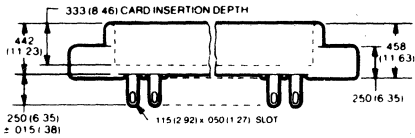
No. of Contacts	A		B		C-Plug		C-Socket		D	E	
	in	mm	in	mm	in	mm	in	mm		in	mm
60	3.75	95.25	3.45	87.63	3.05	77.47	3.02	76.70	29	2.50	73.66
100	5.75	146.05	5.45	138.43	5.05	128.27	5.02	127.50	49	4.50	124.46
140	7.75	196.85	7.45	188.23	7.05	178.07	7.02	178.30	69	6.50	175.26
160	8.75	222.22	8.45	214.63	8.05	204.47	8.02	203.70	75	7.50	200.66
180	9.75	247.65	9.45	240.03	9.05	229.87	9.02	229.10	89	8.50	226.06

24R6

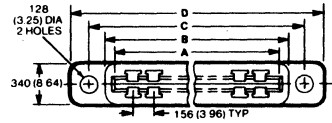


OUTLINE DRAWINGS

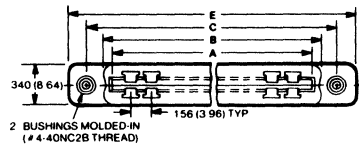
24R18



With plain mounting holes



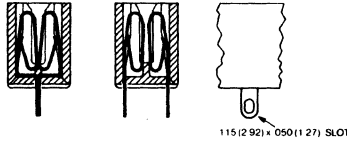
With molded-in bushings (Military)



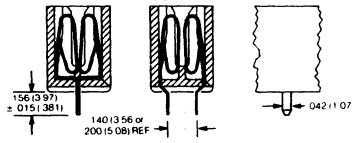
With floating bushings (Military)



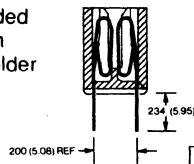
Solder Eyelet



Dip Solder

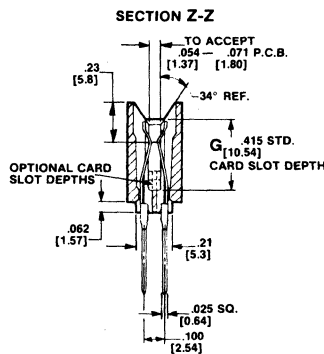
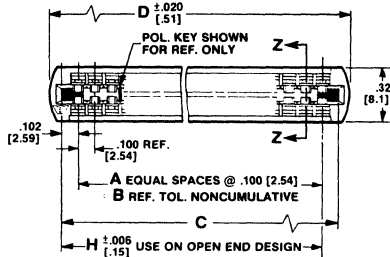


Extended Length Dip Solder



No. of Contact Positions	Dimensions									
	A		B		C		D		E	
	In.	MM	In.	MM	In.	MM	In.	MM	In.	MM
6	1.100	27.94	1.239	31.47	1.531	38.89	1.785	45.34	1.937	49.19
10	1.724	43.79	1.864	47.35	2.156	54.76	2.410	61.21	2.562	65.07
12	2.036	51.71	2.177	55.30	2.469	62.71	2.723	69.16	2.875	73.03
15	2.504	63.60	2.645	67.18	2.937	74.60	3.191	81.05	3.343	84.91
18	2.972	75.49	3.114	79.10	3.406	86.51	3.660	92.96	3.812	96.82
22	3.596	91.34	3.739	94.97	4.031	102.39	4.285	108.84	4.437	112.70
25	4.067	103.30	4.208	106.88	4.500	114.30	4.754	120.75	4.906	124.61

14R4



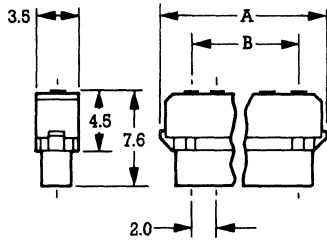
A	B REF.	C	D ± .020 (.51)	H ± .005 (.15)
14	1.400 (35.56)	1.604 (40.74)	1.734 (44.04)	1.502 (38.15)
60	6.000 (152.40)	6.204 (157.58)	6.334 (160.88)	6.102 (154.99)

CARD SLOT DEPTH (G-DIM):
 1 = .415" (10.54) STANDARD
 2 = .350" (8.89) OPTIONAL
 3 = .300" (7.62) OPTIONAL ON SHADED ENDS ONLY

TAIL LENGTH (F-DIM):
 1 = .197" (5.00)
 4 = .724" (18.39)
 7 = .310" (7.87)

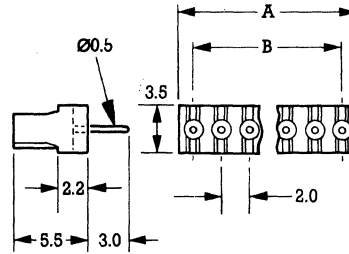
OUTLINE DRAWINGS

25R4



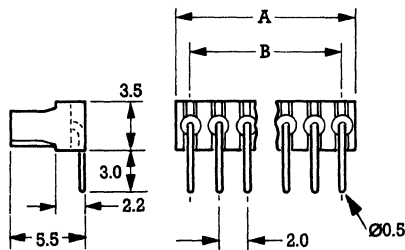
NUMBER OF CONTACTS	DIM A	DIM B
2	7.1	2.0
3	9.1	4.0
4	11.1	6.0
5	13.1	8.0
6	15.1	10.0
7	17.1	12.0
17	37.1	32.0

25R5



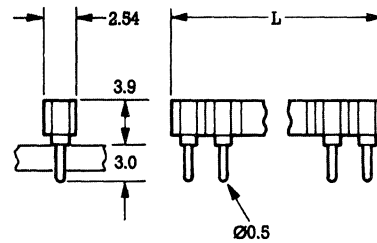
NO. OF WAYS	DIMENSIONS 'L'
5	10.0
10	20.0
15	30.0
20	40.0
25	50.0
30	60.0
40	80.0
50	100.0

25R6



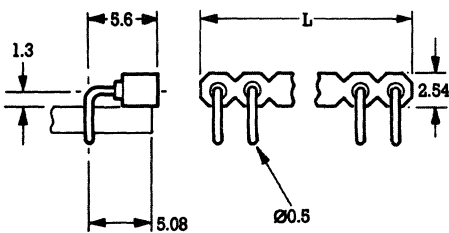
NO. OF WAYS	DIMENSIONS 'L'
5	10.0
10	20.0
15	30.0
20	40.0
25	50.0
30	60.0
40	80.0
50	100.0

25R7



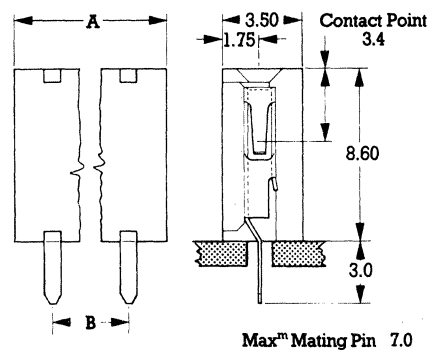
NO. OF WAYS	DIMENSIONS 'L'
10	25.40
15	38.10
20	50.80
25	63.50
32	81.28

25R8



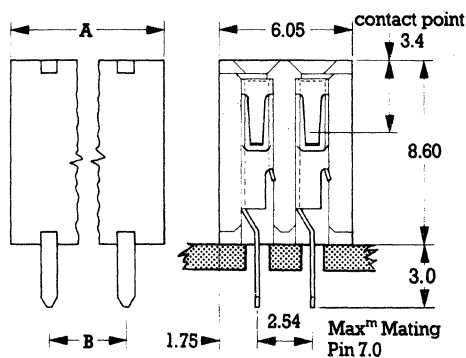
NO. OF WAYS	DIMENSIONS 'L'
10	25.40
15	38.10
20	50.80
25	63.50
32	81.28

25R9



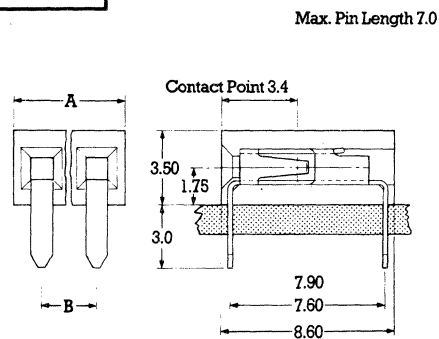
No. of ways	Dim A	Dim B
2	5.08	2.54
3	7.62	5.08
4	10.16	7.62
5	12.70	10.16
6	15.24	12.70
7	17.78	15.24
8	20.32	17.78
9	22.86	20.32
10	25.40	22.86
20	50.80	45.26
36	91.44	88.90

25R10



No. of ways	Dim A	Dim B
2+2	5.08	2.54
3+3	7.62	5.08
4+4	10.16	7.62
5+5	12.70	10.16
6+6	15.24	12.70
7+7	17.78	15.24
8+8	20.32	17.78
9+9	22.86	20.32
10+10	25.40	22.86
20+20	50.80	48.26
36+36	91.44	88.90

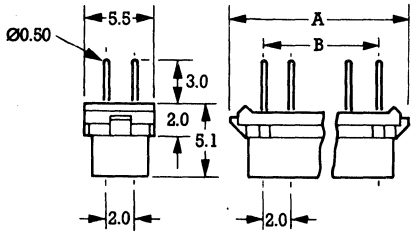
25R11



No. of ways	Dim A	Dim B
2	5.08	2.54
3	7.62	5.08
4	10.16	7.62
5	12.70	10.16
6	15.24	12.70
7	17.78	15.24
8	20.32	17.78
9	22.86	20.32
10	25.40	22.86
20	50.80	48.26
36	91.44	88.90

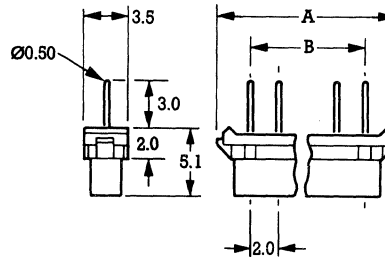
OUTLINE DRAWINGS

25R2



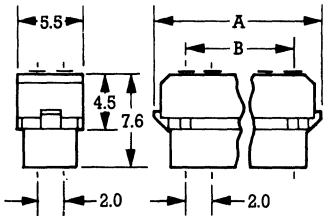
NUMBER OF CONTACTS	DIM A	DIM B
4	7.1	2.0
6	9.1	4.0
8	11.1	6.0
10	13.1	8.0
12	15.1	10.0
14	17.1	12.0
16	19.1	14.0
18	21.1	16.0
20	23.1	18.0
26	29.1	24.0
34	37.1	32.0

25R1



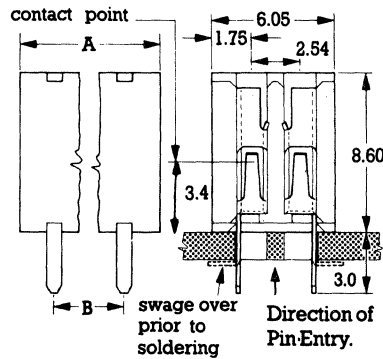
NUMBER OF CONTACTS	DIM A	DIM B
2	7.1	2.0
3	9.1	4.0
4	11.1	6.0
5	13.1	8.0
6	15.1	10.0
7	17.1	12.0
17	37.1	32.0

25R3



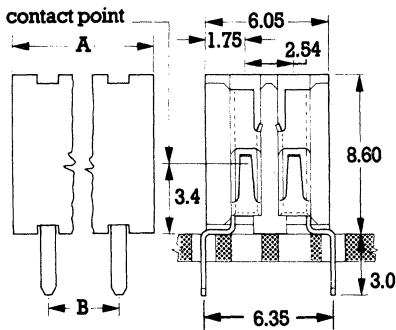
NUMBER OF CONTACTS	DIM A	DIM B
4	7.1	2.0
6	9.1	4.0
8	11.1	6.0
10	13.1	8.0
12	15.1	10.0
14	17.1	12.0
16	19.1	14.0
18	21.1	16.0
20	23.1	18.0
26	29.1	24.0
34	37.1	32.0

25R13



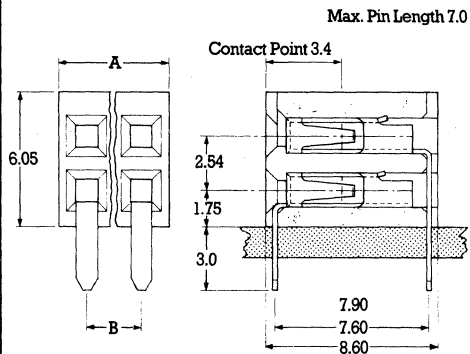
No. of ways	Dim A	Dim B
2+2	5.08	2.54
3+3	7.62	5.08
4+4	10.16	7.62
5+5	12.70	10.16
6+6	15.24	12.70
7+7	17.78	15.24
8+8	20.32	17.78
9+9	22.86	20.32
10+10	25.40	22.86
20+20	50.80	48.26
36+36	91.44	88.90

25R14



No. of ways	Dim A	Dim B
2+2	5.08	2.54
3+3	7.62	5.08
4+4	10.16	7.62
5+5	12.70	10.16
6+6	15.24	12.70
7+7	17.78	15.24
8+8	20.32	17.78
9+9	22.86	20.32
10+10	25.40	22.86
20+20	50.80	48.26
36+36	91.44	88.90

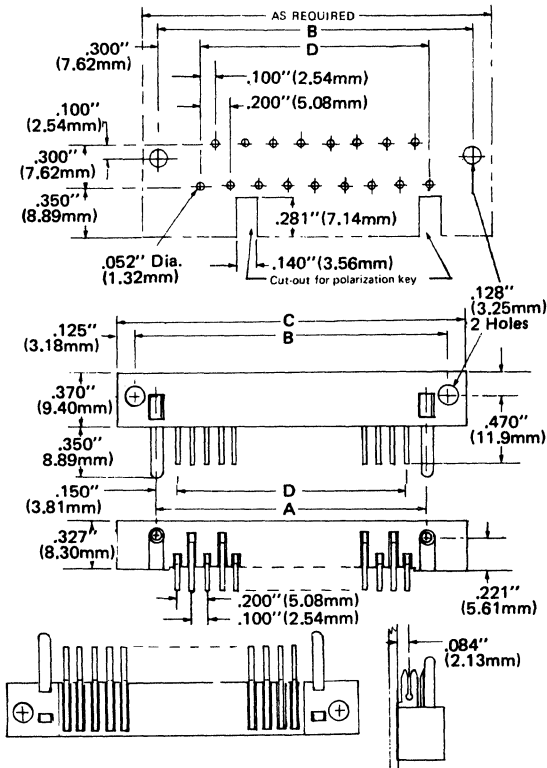
25R12



No. of ways	Dim A	Dim B
2+2	5.08	2.54
3+3	7.62	5.08
4+4	10.16	7.62
5+5	12.70	10.16
6+6	15.24	12.70
7+7	17.78	15.24
8+8	20.32	17.78
9+9	22.86	20.32
10+10	25.40	22.86
20+20	50.80	48.26
36+36	91.44	88.90

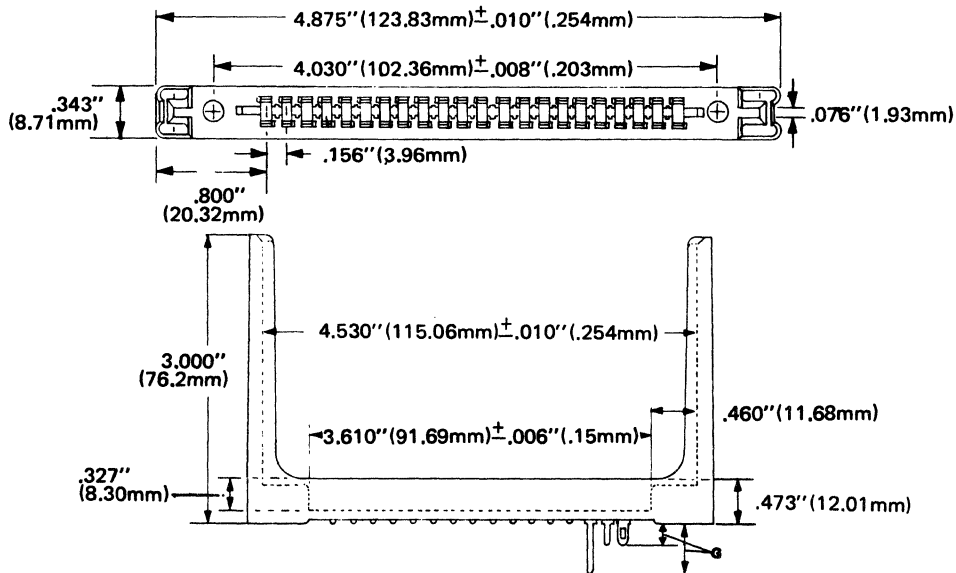
OUTLINE DRAWINGS

26R12



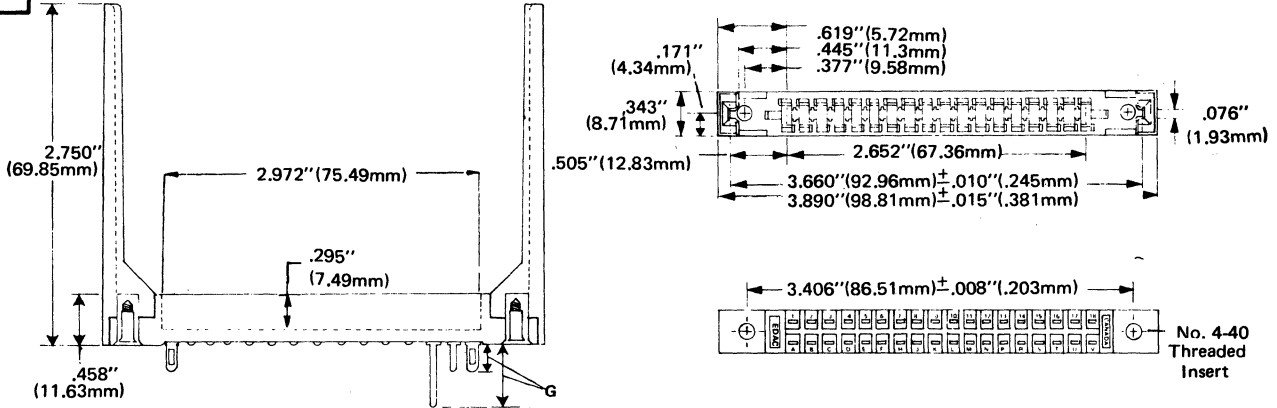
No. of Contacts	Inch. A	mm	Inch. B	mm	Inch. C	mm	Inch. D	mm
17	1.900	48.26	2.200	55.88	2.470	62.74	1.800	45.72
23	2.500	63.50	2.800	71.12	3.070	77.98	2.200	55.88
29	3.100	78.74	3.400	86.36	3.670	93.22	2.800	71.12
35	3.700	93.98	4.000	101.6	4.270	108.5	3.400	86.36
41	4.300	109.2	4.600	116.8	4.870	123.7	4.000	101.6
47	4.900	124.5	5.200	132.1	5.470	138.9	4.600	116.8

26R1

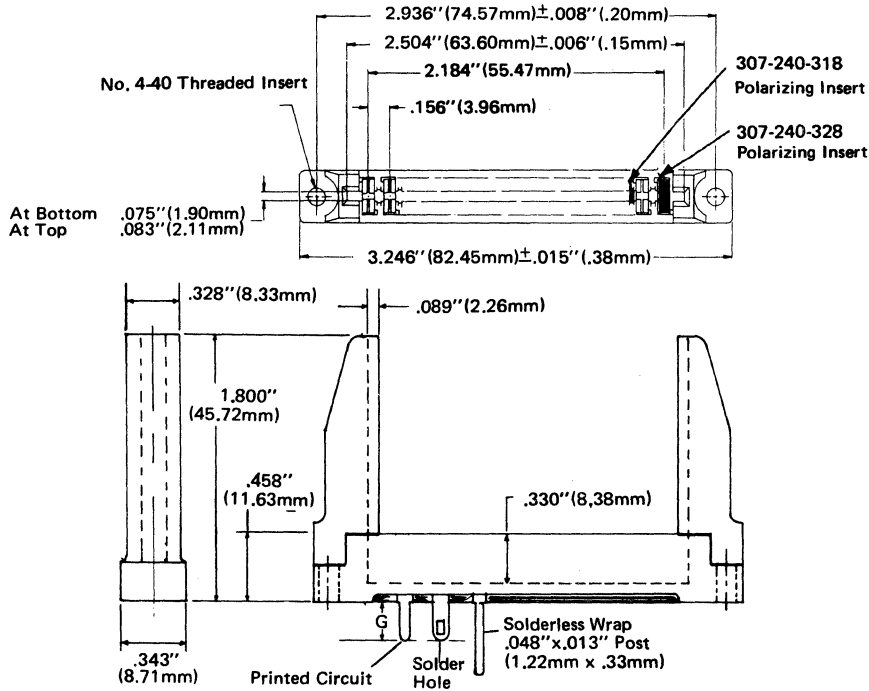


OUTLINE DRAWINGS

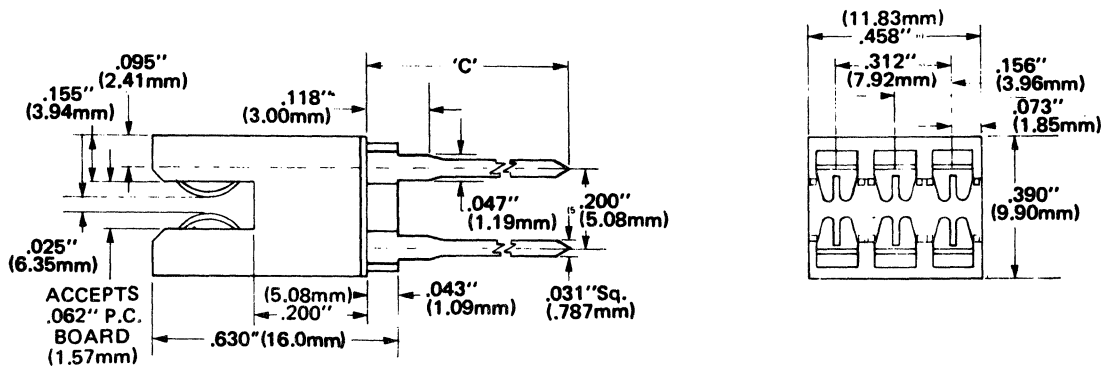
26R2



26R3

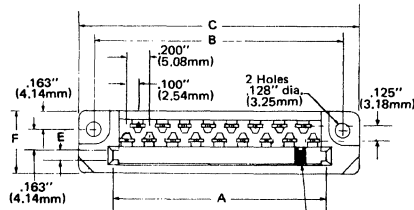


26R4



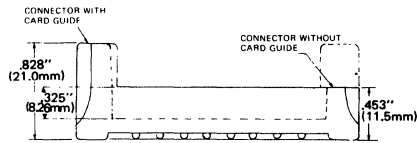
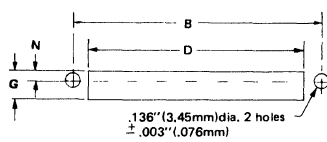
OUTLINE DRAWINGS

26R8

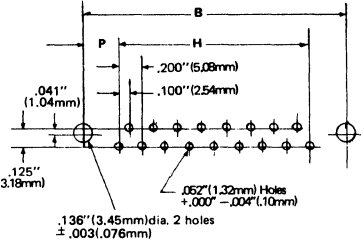


POLARIZING INSERT LOCATED AT EVEN CONTACT NUMBERS
408-240-328 (1/16" Card)
408-240-338 (3/32" Card)

STANDARD MOUNTING PATTERN



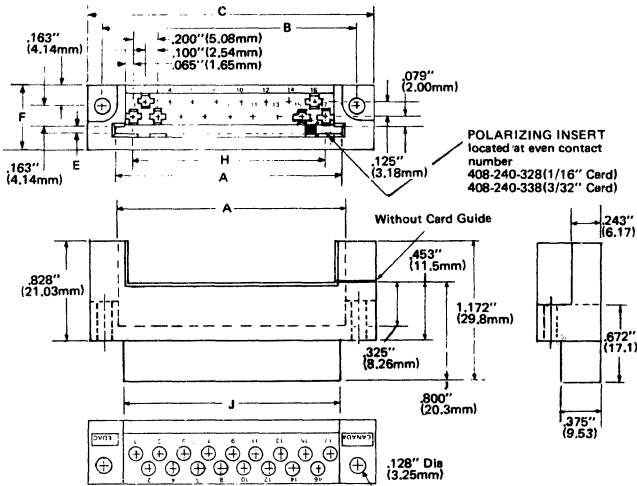
408 SERIES P.C. CONTACT DRILLING PATTERN FOR 520, 521 AND 522 CONTACTS



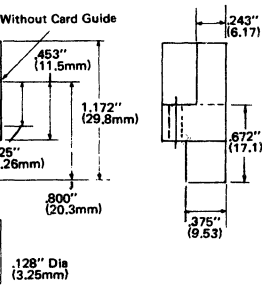
No. of Contacts	A		B		C		D		E*		F		G†		H		L		N‡		P		
	1/16"	3/32"	1/16"	3/32"	1/16"	3/32"	1/16"	3/32"	1/16"	3/32"	Con	N-Con	Con	N-Con	Con	N-Con	Con	N-Con	Con	N-Con	Con	N-Con	
17	1.920	2.134	2.406	1.835	.074	.105	.531	.468	.343	1.800	1.900	.210	.148	.267									
17	48.77	54.20	61.11	46.81	1.88	2.67	13.49	11.89	8.71	40.64	48.26	5.33	3.78	6.78									
23	2.520	2.734	3.006	2.435	.074	.105	.531	.468	.343	2.200	2.500	.210	.148	.267									
23	64.00	69.44	76.35	61.85	1.88	2.67	13.49	11.89	8.71	55.88	63.50	5.33	3.78	6.78									
29	3.120	3.334	3.606	3.035	.074	.105	.531	.468	.343	2.800	3.100	.210	.148	.267									
29	79.25	84.68	91.59	77.09	1.88	2.67	13.49	11.89	8.71	71.12	78.74	5.33	3.78	6.78									
35	3.720	3.934	4.206	3.635	.074	.105	.531	.468	.343	3.400	3.700	.210	.148	.267									
35	94.49	99.92	106.8	92.33	1.88	2.67	13.49	11.89	8.71	86.36	93.98	5.33	3.78	6.78									
41	4.320	4.534	4.806	4.235	.074	.105	.531	.468	.343	4.000	4.300	.210	.148	.267									
41	109.7	115.2	122.1	107.6	1.88	2.67	13.49	11.89	8.71	101.6	109.2	5.33	3.78	6.78									
47	5.030	5.352	5.620	4.835	.074	.105	.593	.468	.343	4.600	5.010	.210	.148	.376									
47	127.6	135.9	142.7	122.8	1.88	2.67	13.49	11.89	8.71	116.8	127.3	5.33	3.78	9.55									

* P.C. Boards Numbers in shaded areas are Millimeters
† Con - Conductive Chassis (1/8" Clearance around contacts)
N-Con - Non-Conductive Chassis (1/16" Clearance around contacts)

26R9

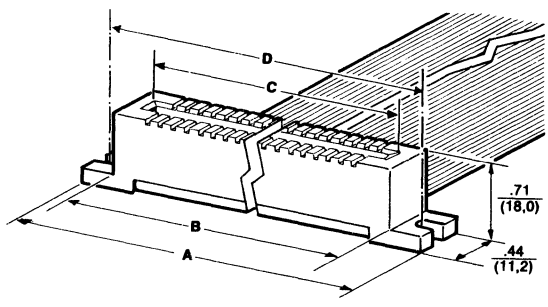


POLARIZING INSERT located at even contact number
408-240-328 (1/16" Card)
408-240-338 (3/32" Card)



No. of Contacts	A		B		C		D		1/16" E 3/32"		F		G		H		J		+0.10" -0.00"		M		P		
	1/16"	3/32"	1/16"	3/32"	1/16"	3/32"	1/16"	3/32"	1/16"	3/32"	Con	N-Con	Con	N-Con	Con	N-Con	Con	N-Con	Con	N-Con	Con	N-Con	Con	N-Con	
17	1.920	2.134	2.406	1.835	.074	.105	.531	.468	.343	1.800	1.900	.210	.148	.267											
17	48.77	54.20	61.11	46.81	1.88	2.67	13.49	11.89	8.71	40.64	48.26	5.33	3.78	6.78											
23	2.520	2.734	3.006	2.435	.074	.105	.531	.468	.343	2.200	2.500	.210	.148	.267											
23	64.00	69.44	76.35	61.85	1.88	2.67	13.49	11.89	8.71	55.88	63.50	5.33	3.78	6.78											
29	3.120	3.334	3.606	3.035	.074	.105	.531	.468	.343	2.800	3.100	.210	.148	.267											
29	79.25	84.68	91.59	77.09	1.88	2.67	13.49	11.89	8.71	71.12	78.74	5.33	3.78	6.78											
35	3.720	3.934	4.206	3.635	.074	.105	.531	.468	.343	3.400	3.700	.210	.148	.267											
35	94.49	99.92	106.8	92.33	1.88	2.67	13.49	11.89	8.71	86.36	93.98	5.33	3.78	6.78											
41	4.320	4.534	4.806	4.235	.074	.105	.531	.468	.343	4.000	4.300	.210	.148	.267											
41	109.7	115.2	122.1	107.6	1.88	2.67	13.49	11.89	8.71	101.6	109.2	5.33	3.78	6.78											
47	5.030	5.352	5.620	4.835	.074	.105	.593	.468	.343	4.600	5.010	.210	.148	.376											
47	127.6	135.9	142.7	122.8	1.88	2.67	13.49	11.89	8.71	116.8	127.3	5.33	3.78	9.55											

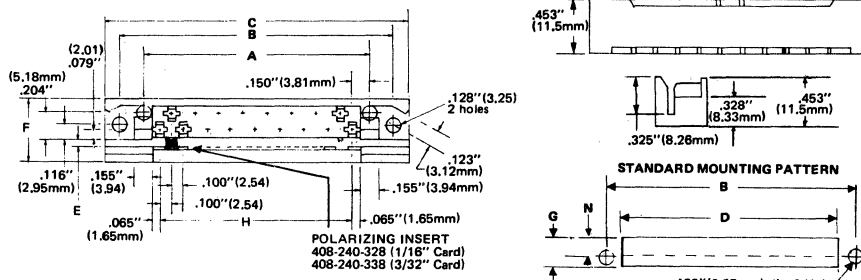
28R1



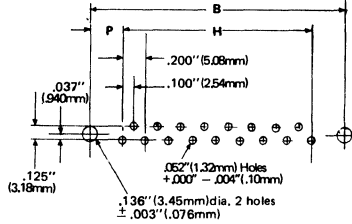
CONTACT QUANTITY	3M PART NUMBER	MOUNTING STYLE	DIMENSIONS			
			A	B	C	D
20	3481-0000	MOUNTING FLANGES WITH SLOTS	2.00 (50.8)	1.46 (37.1)	1.104 (28.04)	1.80 (45.7)
	-0001	WITHOUT MOUNTING FLANGES	—	—	—	—
26	3482-0000	MOUNTING FLANGES WITH SLOTS	2.30 (56.4)	1.76 (44.7)	1.404 (35.66)	2.10 (53.3)
	-0001	WITHOUT MOUNTING FLANGES	—	—	—	—
34	3483-0000	MOUNTING FLANGES WITH SLOTS	2.70 (68.5)	2.16 (54.0)	1.804 (45.82)	2.50 (63.5)
	-0001	WITHOUT MOUNTING FLANGES	—	—	—	—
40	3484-0000	MOUNTING FLANGES WITH SLOTS	3.00 (76.2)	2.46 (62.5)	2.104 (53.42)	2.80 (71.1)
	-0001	WITHOUT MOUNTING FLANGES	—	—	—	—

OUTLINE DRAWINGS

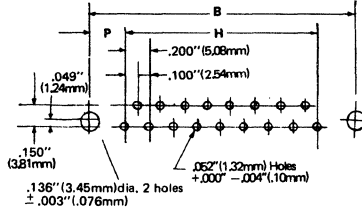
26R10



424 SERIES P.C. CONTACT DRILLING PATTERN FOR 520, 521 AND 522 CONTACTS



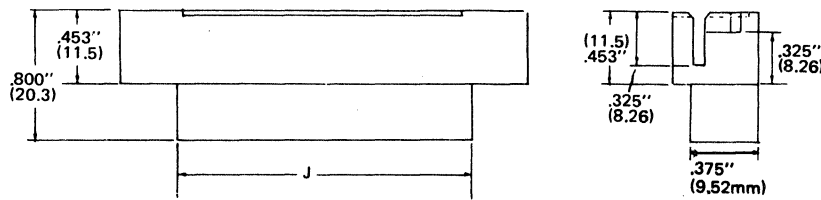
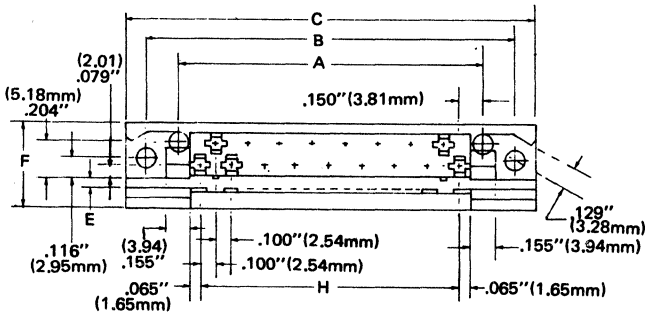
424 SERIES P.C. CONTACT DRILLING PATTERN FOR 923, 924 AND 925 CONTACTS



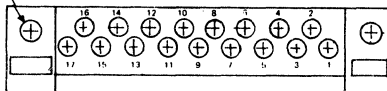
No. of Contacts	A	B	C	D	E*		F	G†		H	N‡		
					1/16"	3/32"		Con	N-Con		Con	N-Con	Con
17	1.900	2.300	2.570	1.835	.074	.105	.531	.468	.343	1.600	.208	.146	.350
17	48.26	58.42	65.28	46.61	1.88	2.67	13.49	11.89	8.71	40.64	5.28	3.71	8.89
23	2.500	2.900	3.170	2.435	.074	.105	.531	.468	.343	2.200	.208	.146	.350
23	63.50	73.66	80.52	61.85	1.88	2.67	13.49	11.89	8.71	55.88	5.28	3.71	8.89
29	3.100	3.500	3.770	3.035	.074	.105	.531	.468	.343	2.800	.208	.146	.350
29	78.74	88.90	95.76	77.09	1.88	2.67	13.49	11.89	8.71	71.12	5.28	3.71	8.89
35	3.700	4.100	4.370	3.635	.074	.105	.531	.468	.343	3.400	.208	.146	.350
35	93.98	104.1	111.0	92.33	1.88	2.67	13.49	11.89	8.71	86.36	5.28	3.71	8.89
41	4.300	4.700	4.970	4.235	.074	.105	.531	.468	.343	4.000	.208	.146	.350
41	109.2	119.4	126.2	107.6	1.88	2.67	13.49	11.89	8.71	101.6	5.28	3.71	8.89

*P.C. Boards Numbers in shaded areas are Millimeters
†Con = Conductive Chassis (1/8" Clearance around contacts)
‡N-Con = Non-Conductive Chassis (1/16" Clearance around contacts)

26R11



.128" Dia. 2 Holes (3.25mm)

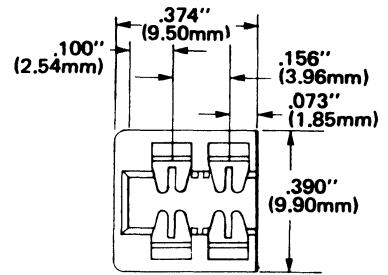
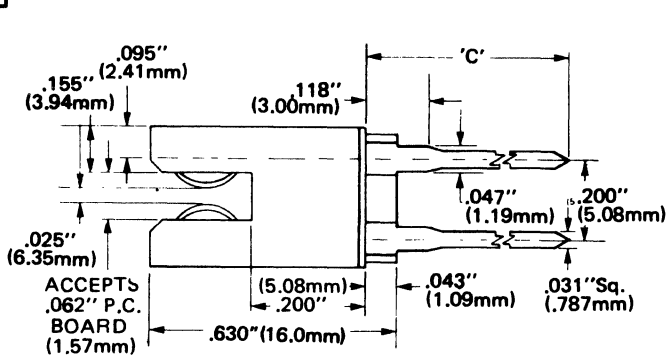


DIMENSIONS CHART

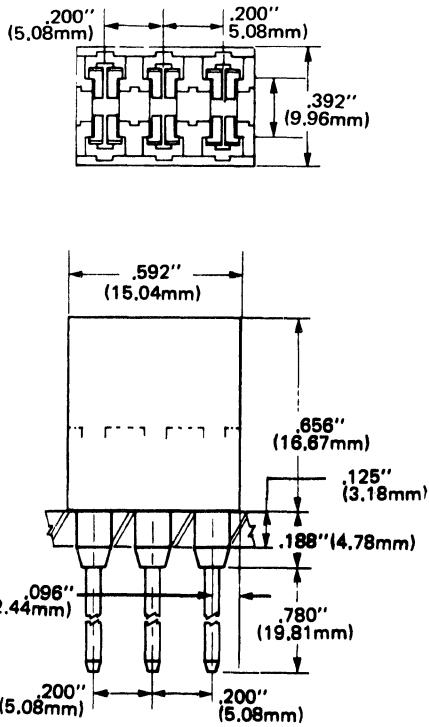
No. of Contacts	A	B	C	D	1/16" E	3/32"	F	G	H	J
17	1.900	2.300	2.570	1.890	.074	.105	.531	.415	1.800	1.850
17	48.26	58.42	65.28	48.01	1.88	2.67	13.49	10.5	40.64	46.99
23	2.500	2.900	3.170	2.490	.074	.105	.531	.415	2.200	2.450
23	63.50	73.66	80.52	63.25	1.88	2.67	13.49	10.5	55.88	62.23
29	3.100	3.500	3.770	3.090	.074	.105	.531	.415	2.800	3.050
29	78.74	88.90	95.76	78.49	1.88	2.67	13.49	10.5	71.12	77.47
35	3.700	4.100	4.370	3.690	.074	.105	.531	.415	3.400	3.650
35	93.98	104.1	111.0	93.73	1.88	2.67	13.49	10.5	86.36	92.71
41	4.300	4.700	4.970	4.290	.074	.105	.531	.415	4.000	4.250
41	109.2	119.4	126.2	109.0	1.88	2.67	13.49	10.5	101.6	108.0
47	4.900	5.300	5.570	4.890	.074	.105	.594	.415	4.600	4.850
47	124.5	134.6	141.5	124.2	1.88	2.67	15.09	10.5	116.8	123.2

OUTLINE DRAWINGS

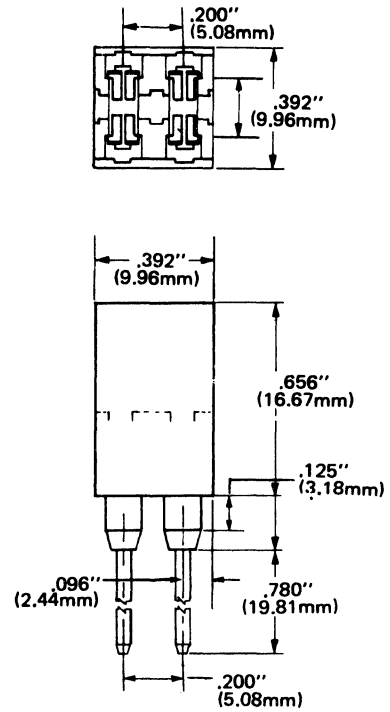
26R5



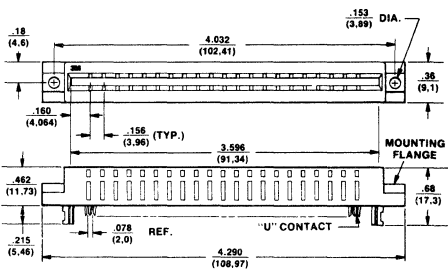
26R6



26R7

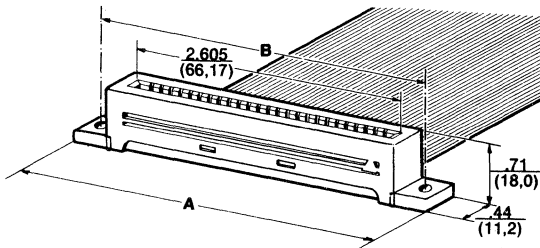


28R4



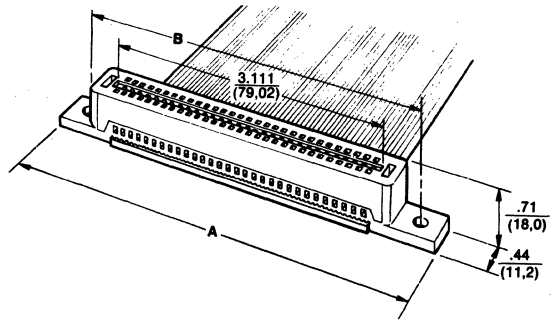
OUTLINE DRAWINGS

28R2



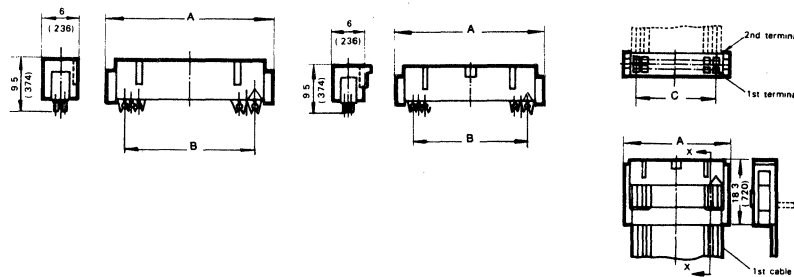
CONTACT QUANTITY	3M PART NUMBER	MOUNTING STYLE	DIMENSIONS	
			A	B
50	3415-0000	MOUNTING FLANGES WITH HOLES	3.90 (99.1)	3.40 (86.4)
	3415-0001	WITHOUT MOUNTING FLANGES	2.97 (75.4)	—
	3415-0002	WITH STRAIN RELIEF FLANGES	3.08 (78.2)	—
	3415-0003	MOUNTING FLANGES WITH SLOTS	3.50 (88.9)	3.30 (83.8)

28R3



CONTACT QUANTITY	3M PART NUMBER	MOUNTING STYLE	DIMENSIONS	
			A	B
60	3666-0000	MOUNTING FLANGES WITH HOLES	4.40 (111.8)	3.90 (99.1)
	3666-0001	WITHOUT MOUNTING FLANGES	3.47 (87.9)	—
	3666-0002	MOUNTING FLANGES WITH SLOTS	4.00 (101.6)	3.80 (96.5)

34R1

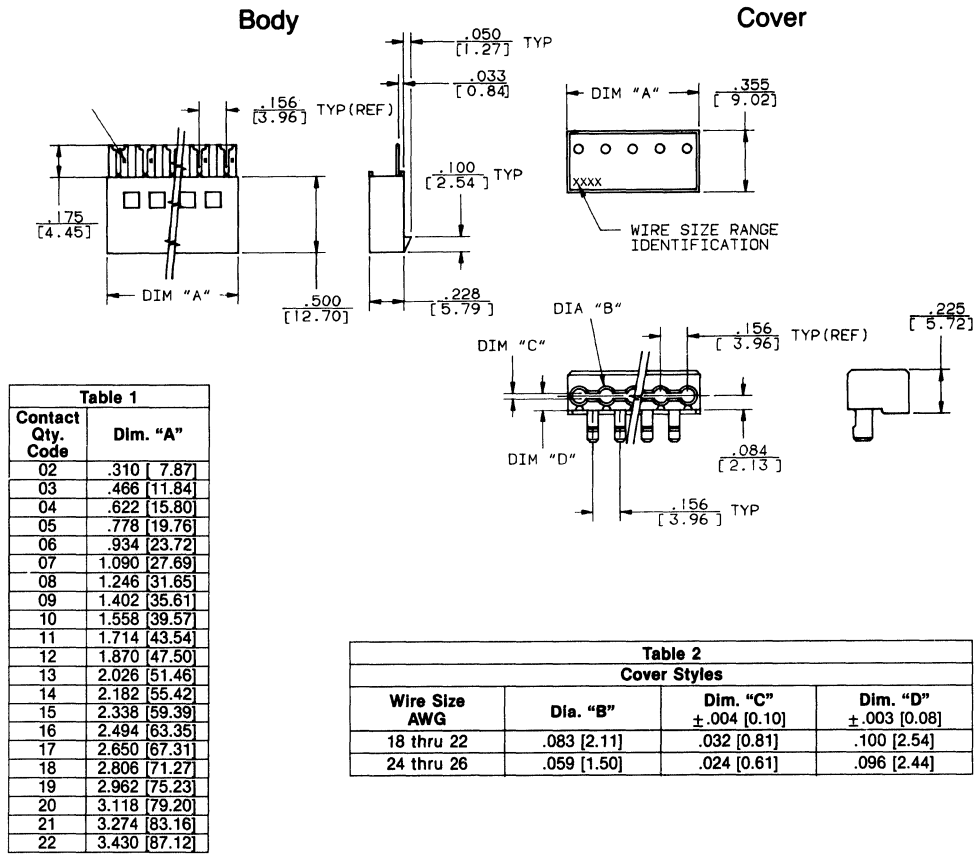


Unit: mm (inch)

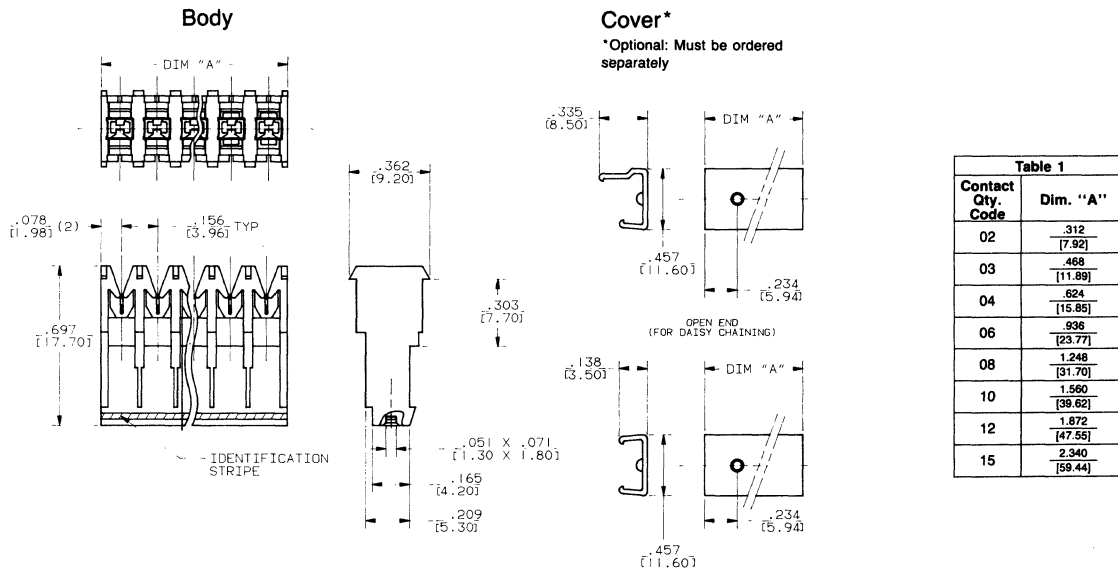
No. of Contacts	Dimensions		
	A	B	C
10	17.3 (.691)	11.43 (.450)	10.16 (.400)
14	22.4 (.882)	16.51 (.650)	15.24 (.600)
16	24.9 (.981)	19.05 (.750)	17.78 (.700)
20	30 (1.181)	24.13 (.950)	22.86 (.900)
26	37.6 (1.480)	31.75 (1.250)	30.48 (1.200)
30	42.7 (1.681)	36.83 (1.450)	35.56 (1.400)
34	47.8 (1.882)	41.91 (1.650)	40.64 (1.600)
40	55.4 (2.181)	49.53 (1.950)	48.26 (1.900)
50	68.1 (2.681)	62.23 (2.450)	60.96 (2.400)
60	80.8 (3.181)	74.93 (2.950)	73.66 (2.900)

OUTLINE DRAWINGS

28R6

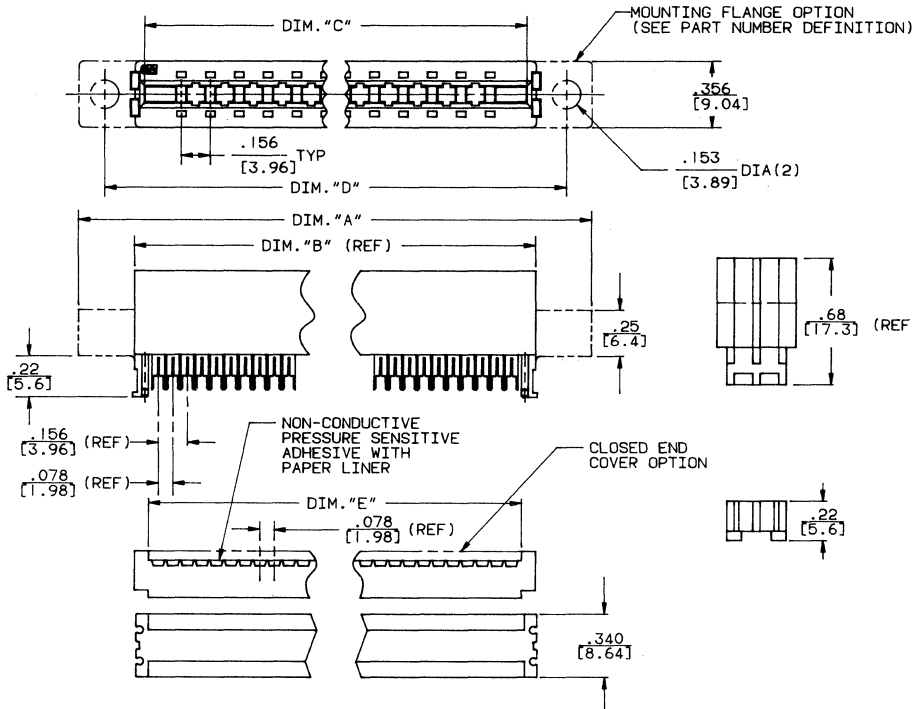


28R7



OUTLINE DRAWINGS

28R8

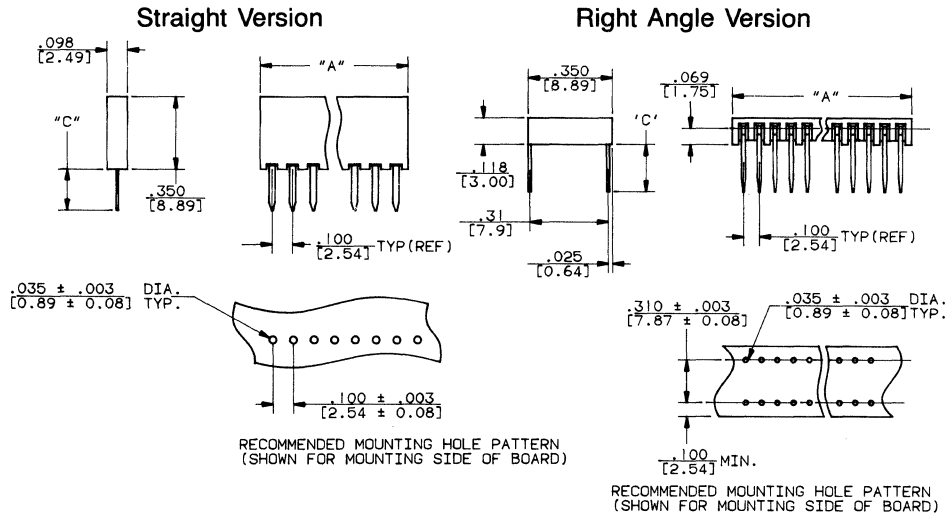


Contact Quantity Single/Dual	Dim. "A"	Dim. "B"	Dim. "C"	Dim. "D"	Dim. "E" ±.015 [±.38]
04 or 08	1.48 [37.6]	.92 [23.4]	.79 [20.1]	1.22 [31.0]	.85 [16.5]
06 or 12	1.79 [45.5]	1.23 [31.2]	1.10 [27.9]	1.54 [39.1]	.96 [24.4]
10 or 20	2.42 [61.5]	1.85 [47.0]	1.72 [43.7]	2.16 [54.9]	1.58 [40.1]
12 or 24	2.73 [69.3]	2.17 [55.1]	2.04 [51.8]	2.47 [62.7]	1.89 [48.0]
15 or 30	3.20 [81.3]	2.63 [66.8]	2.50 [63.5]	2.94 [74.7]	2.36 [59.9]
18 or 36	3.67 [93.2]	3.10 [78.7]	2.97 [75.4]	3.41 [86.6]	2.83 [71.9]

28R9

Table 1

Contact Qty Code	Dim. "A"
02	.195 [4.95]
03	.295 [7.49]
04	.395 [10.03]
05	.495 [12.57]
06	.595 [15.11]
07	.695 [17.65]
08	.795 [20.19]
09	.895 [22.73]
10	.995 [25.27]
11	1.095 [27.81]
12	1.195 [30.35]
13	1.295 [32.89]
14	1.395 [35.43]
15	1.495 [37.97]
16	1.595 [40.51]
17	1.695 [43.05]
18	1.795 [45.59]
19	1.895 [48.13]
20	1.995 [50.67]
21	2.095 [53.21]
22	2.195 [55.75]
23	2.295 [58.29]
24	2.395 [60.83]
25	2.495 [63.37]
26	2.595 [65.91]
27	2.690 [68.45]
28	2.795 [70.99]
29	2.895 [73.53]
30	2.995 [76.07]
31	3.095 [78.61]
32	3.195 [81.15]
33	3.295 [83.69]
34	3.395 [86.23]
35	3.495 [88.77]
36	3.595 [91.31]
37	3.695 [93.85]
38	3.795 [96.39]
39	3.895 [98.93]
40	3.995 [101.47]

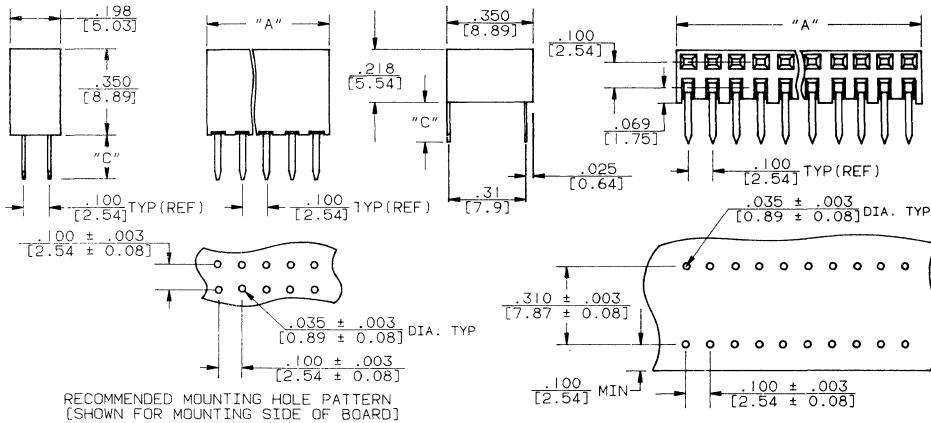


OUTLINE DRAWINGS

28R10

Straight Version

Right Angle Version

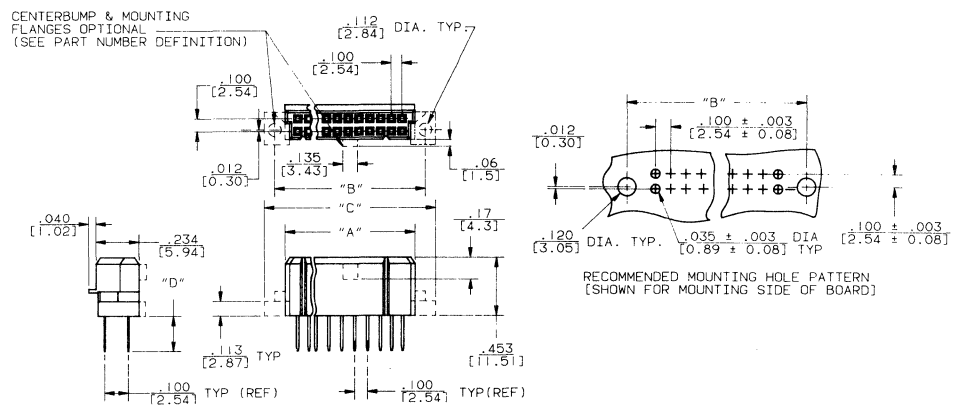


Contact Qty. Code	Dim. "A"	
04	.195	4.95
06	.295	7.49
08	.395	10.03
10	.495	12.57
12	.595	15.11
14	.695	17.65
16	.795	20.19
18	.895	22.73
20	.995	25.27
22	1.095	27.81
24	1.195	30.35
26	1.295	32.89
28	1.395	35.43
30	1.495	37.97
32	1.595	40.51
34	1.695	43.05
36	1.795	45.59
38	1.895	48.13
40	1.995	50.67
42	2.095	53.21
44	2.195	55.75
46	2.295	58.29
48	2.395	60.83
50	2.495	63.37
52	2.595	65.91
54	2.695	68.45
56	2.795	70.99
58	2.895	73.53
60	2.995	76.07
62	3.095	78.61
64	3.195	81.15
66	3.295	83.69
68	3.395	86.23
70	3.495	88.77
72	3.595	91.31
74	3.695	93.85
76	3.795	96.39
78	3.895	98.93
80	3.995	100.47

28R11

Contact Qty. Code	Table 1		
	Dim. "A"	Dim. "B"	Dim. "C"
10	.64 [16.3]	.843 [21.41]	1.04 [26.2]
12	.74 [18.8]	.943 [23.95]	1.14 [28.7]
14	.84 [21.3]	1.043 [26.49]	1.24 [31.2]
16	.94 [23.9]	1.143 [29.03]	1.34 [33.8]
18	1.04 [26.4]	1.243 [31.57]	1.44 [36.3]
20	1.14 [29.0]	1.343 [34.11]	1.54 [38.9]
22	1.24 [31.5]	1.443 [36.65]	1.64 [41.4]
24	1.34 [34.0]	1.543 [39.19]	1.74 [43.9]
26	1.44 [36.6]	1.643 [41.73]	1.84 [46.5]
28	1.54 [39.1]	1.743 [44.27]	1.94 [49.0]
30	1.64 [41.7]	1.843 [46.81]	2.04 [51.6]
32	1.74 [44.2]	1.943 [49.35]	2.14 [54.1]
34	1.84 [46.7]	2.043 [51.89]	2.24 [56.6]
36	1.94 [49.3]	2.143 [54.43]	2.34 [59.2]
38	2.04 [51.8]	2.243 [56.97]	2.44 [61.7]
40	2.14 [54.4]	2.343 [59.51]	2.54 [64.3]
42	2.24 [56.9]	2.443 [62.05]	2.64 [66.8]
44	2.34 [59.4]	2.543 [64.59]	2.74 [69.3]
46	2.44 [62.0]	2.643 [67.13]	2.84 [71.9]
48	2.54 [64.5]	2.743 [69.67]	2.94 [74.4]
50	2.64 [67.1]	2.843 [72.21]	3.04 [77.0]
52	2.74 [69.6]	2.943 [74.75]	3.14 [79.5]
54	2.84 [72.1]	3.043 [77.29]	3.24 [82.0]
56	2.94 [74.7]	3.143 [79.83]	3.34 [84.6]
58	3.04 [77.2]	3.243 [82.37]	3.44 [87.1]
60	3.14 [79.8]	3.343 [84.91]	3.54 [89.7]
62	3.24 [82.3]	3.443 [87.45]	3.63 [92.2]
64	3.34 [84.8]	3.543 [89.99]	3.73 [94.7]
66	3.44 [87.4]	3.643 [92.53]	3.83 [97.3]
68	3.54 [89.9]	3.743 [95.07]	3.93 [99.8]
70	3.64 [92.5]	3.843 [97.61]	4.03 [102.4]
72	3.74 [95.0]	3.943 [100.15]	4.13 [104.9]
74	3.84 [97.5]	4.043 [102.69]	4.23 [107.4]
76	3.94 [100.1]	4.143 [105.23]	4.33 [110.0]
78	4.04 [102.6]	4.243 [107.77]	4.43 [112.5]
80	4.14 [105.2]	4.343 [110.31]	4.53 [115.1]

*These dimensions apply to only flanged versions



OUTLINE DRAWINGS

28R12

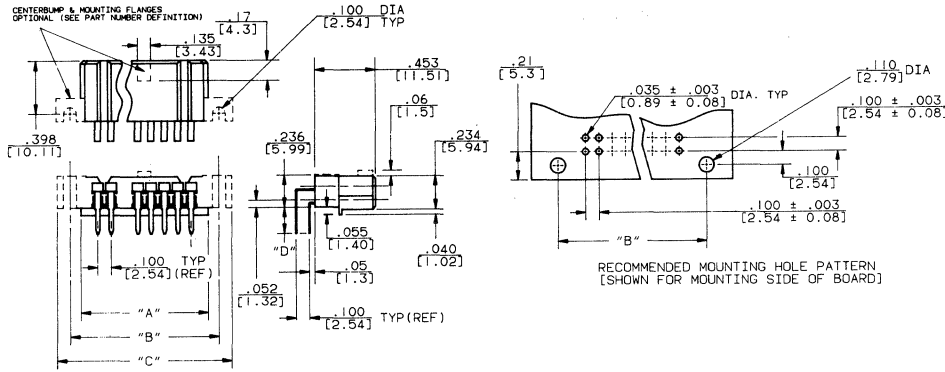
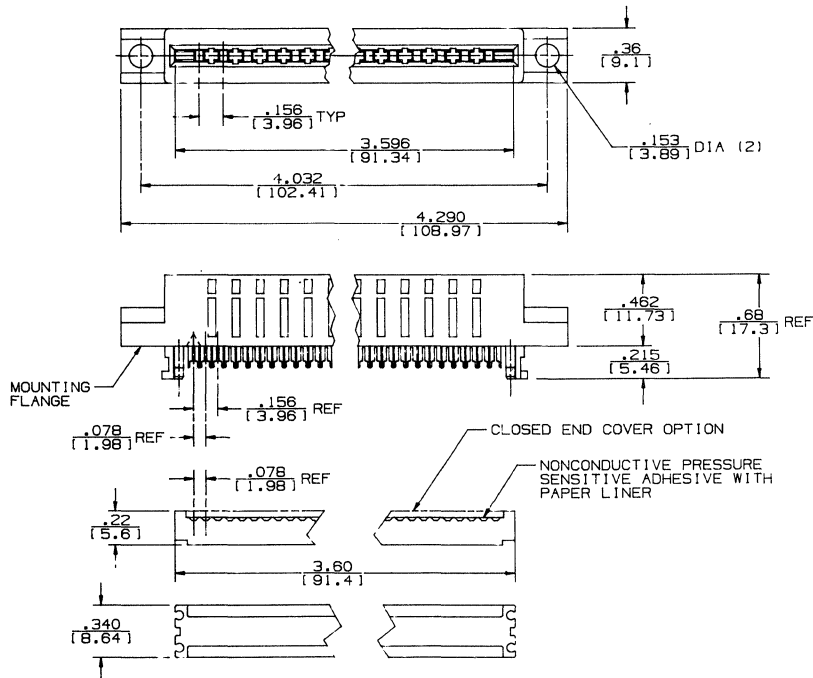


Table 1

Contact Qty. Code	Dim. "A"		Dim. "B"		Dim. "C"	
10	64	16.3	.800	20.32	1.00	25.4
12	74	18.8	.900	22.86	1.10	27.9
14	84	21.3	1.000	25.40	1.20	30.5
16	94	23.9	1.100	27.94	1.30	33.0
18	1.04	26.4	1.200	30.48	1.40	35.6
20	1.14	29.0	1.300	33.02	1.50	38.1
22	1.24	31.5	1.400	35.56	1.60	40.6
24	1.34	34.0	1.500	38.10	1.70	43.2
26	1.44	36.6	1.600	40.64	1.80	45.7
28	1.54	39.1	1.700	43.18	1.90	48.3
30	1.64	41.7	1.800	45.72	2.00	50.8
32	1.74	44.2	1.900	48.26	2.10	53.5
34	1.84	46.7	2.000	50.80	2.20	55.9
36	1.94	49.3	2.100	53.34	2.30	58.4
38	2.04	51.8	2.200	55.88	2.40	61.0
40	2.14	54.4	2.300	58.42	2.50	63.5
42	2.24	56.9	2.400	60.97	2.60	66.0
44	2.34	59.4	2.500	63.50	2.70	68.6
46	2.44	62.0	2.600	66.04	2.80	71.0
48	2.54	64.5	2.700	68.58	2.90	73.7
50	2.64	67.1	2.800	71.12	3.00	76.2
52	2.74	69.6	2.900	73.66	3.10	78.7
54	2.84	72.1	3.000	76.20	3.20	81.3
56	2.94	74.7	3.100	78.74	3.30	83.8
58	3.04	77.2	3.200	81.28	3.40	86.4
60	3.14	79.8	3.300	83.82	3.50	88.9
62	3.24	82.3	3.400	86.36	3.60	91.4
64	3.34	84.8	3.500	88.90	3.70	94.0
66	3.44	87.4	3.600	91.44	3.80	96.5
68	3.54	89.8	3.700	93.98	3.90	99.1
70	3.64	92.5	3.800	96.52	4.00	101.6
72	3.74	95.0	3.900	99.06	4.10	104.1
74	3.84	97.5	4.000	101.60	4.20	106.7
76	3.94	100.1	4.100	104.14	4.30	109.2
78	4.04	102.6	4.200	106.68	4.40	111.8
80	4.14	105.2	4.300	109.22	4.50	114.3

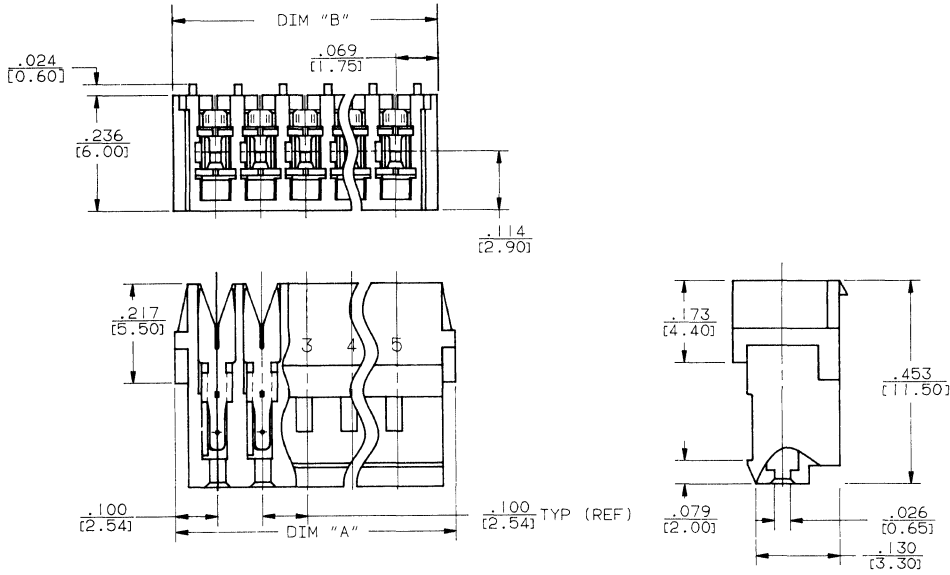
*These dimensions apply to only flanged versions

28R13



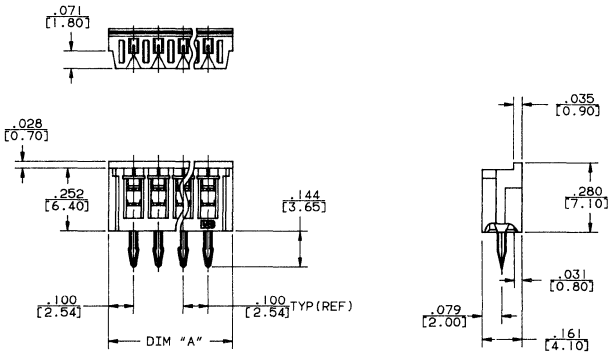
OUTLINE DRAWINGS

28R14



Contact Qty. Code	Dim. "A"	Dim. "B"
03	.400 [10.16]	.338 [8.59]
04	.500 [12.70]	.438 [11.13]
05	.600 [15.24]	.538 [13.67]
06	.700 [17.78]	.638 [16.21]
08	.900 [22.86]	.838 [21.29]
09	1.000 [25.40]	.938 [23.83]
10	1.100 [27.94]	1.038 [26.36]
12	1.300 [33.02]	1.238 [31.44]
15	1.600 [40.64]	1.538 [39.07]

28R15



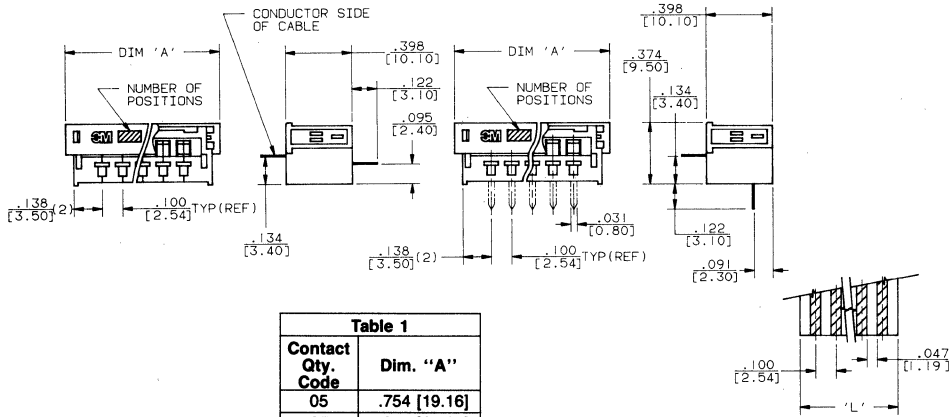
Contact Qty. Code	Dim. "A"
04	.500 [12.70]
05	.600 [15.24]
06	.700 [17.78]
08	.900 [22.86]
09	1.000 [25.40]
10	1.100 [27.94]
12	1.300 [33.02]

OUTLINE DRAWINGS

28R16

Straight Version

Right Angle Version



Contact Qty. Code	Dim. "A"
05	.754 [19.16]
07	.954 [24.24]
08	1.054 [26.78]
09	1.154 [29.32]
10	1.254 [31.86]
11	1.354 [34.40]
12	1.454 [36.94]
13	1.554 [39.48]
15	1.754 [44.56]
16	1.854 [47.10]
18	2.054 [52.18]
20	2.254 [57.26]
21	2.354 [59.80]
25	2.754 [69.96]
30	3.254 [82.66]

$$L = (\text{CONTACT POSITION} + 1) \times \frac{.100}{[2.54]}$$

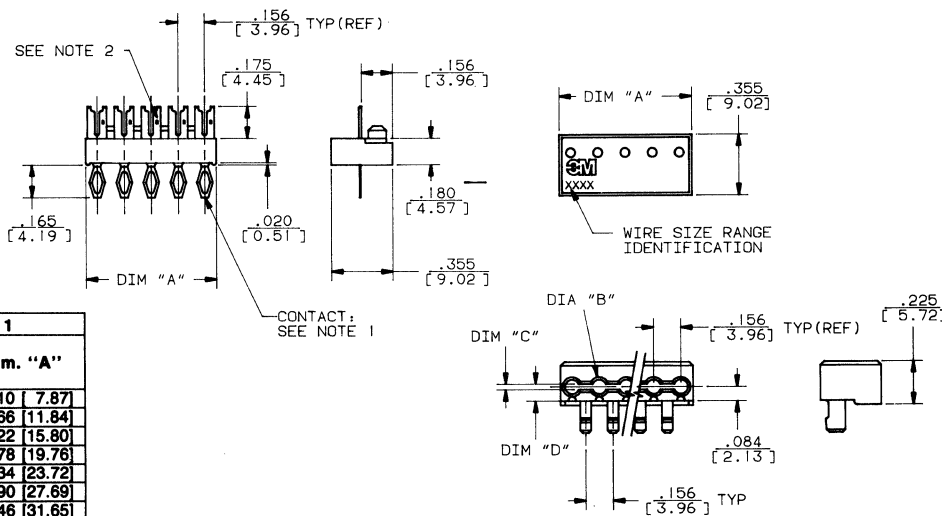
$$\text{LEAD THICKNESS} = \frac{.004 - .015}{[0.10 - 0.38]}$$

FLEXIBLE FLAT CABLE DIMENSIONS

28R17

Body

Cover



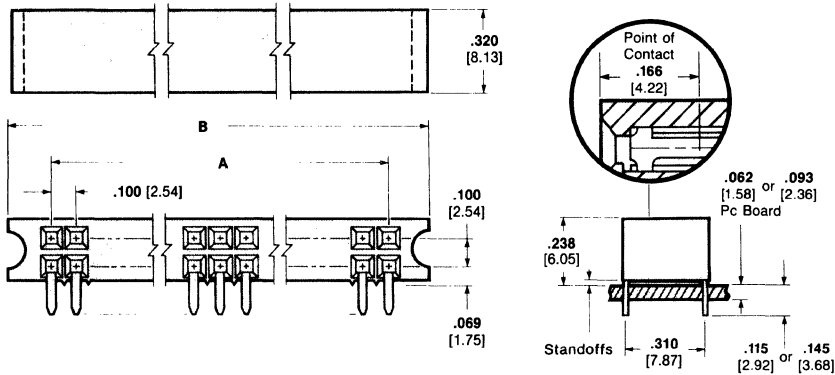
Contact Qty. Code	Dim. "A"
02	.310 [7.87]
03	.466 [11.84]
04	.622 [15.80]
05	.778 [19.76]
06	.934 [23.72]
07	1.090 [27.69]
08	1.246 [31.65]
09	1.402 [35.61]
10	1.558 [39.57]
11	1.714 [43.54]
12	1.870 [47.50]
13	2.026 [51.46]
14	2.182 [55.42]
15	2.338 [59.39]
16	2.494 [63.35]
17	2.650 [67.31]
18	2.806 [71.27]
19	2.962 [75.23]
20	3.118 [79.20]
21	3.274 [83.16]
22	3.430 [87.12]

Wire Size AWG	Dia. "B"	Dim. "C" ± .004 [0.10]	Dim. "D" ± .003 [0.08]
18 thru 22	.083 [2.11]	.032 [0.81]	.100 [2.54]
24 thru 26	.059 [1.50]	.024 [0.61]	.096 [2.44]

Note: 1. There are two different contact tails: one for the .035" [0.89mm] mounting hole and one for the .075" [1.91mm] mounting hole.
2. Wire size of contact stamped on each contact.

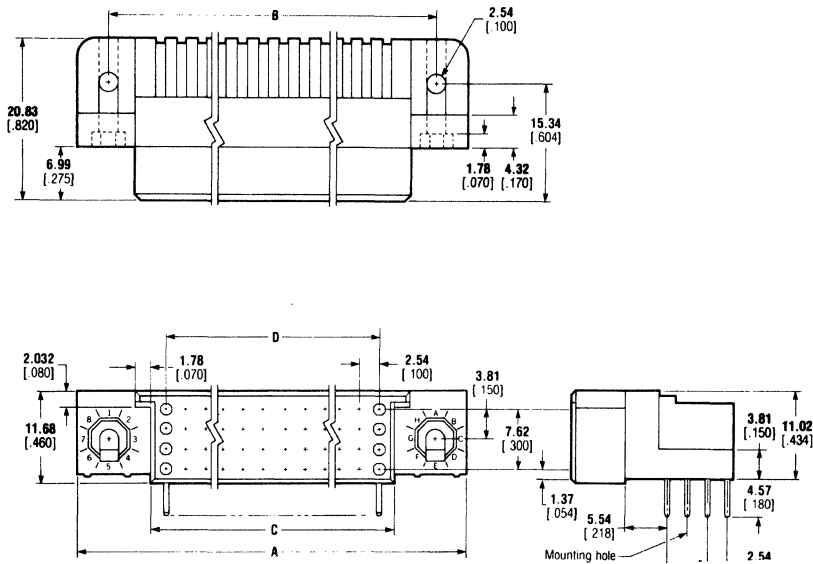
OUTLINE DRAWINGS

29R1



No. of Pos.	Dimensions				
	A	B			
12	.500	.858	86	4.200	4.558
	12.7	21.79			
14	.600	.958	90	4.400	4.758
	15.24	24.33			
16	.700	1.058	94	4.600	4.958
	17.78	26.87			
20	.900	1.258	96	4.700	5.058
	22.86	31.95			
24	1.100	1.458	100	4.900	5.258
	27.94	37.03			
30	1.400	1.758	110	5.400	5.758
	35.56	44.65			
36	1.700	2.058	120	5.900	6.258
	43.18	52.27			
40	1.900	2.258	128	6.300	6.658
	48.26	57.35			
44	2.100	2.458	130	6.400	6.758
	53.34	62.43			
50	2.400	2.758	140	6.900	7.258
	60.96	70.05			
60	3.400	3.758	148	7.300	7.658
	73.66	82.75			
70	3.400	3.758	160	7.900	8.258
	86.36	95.45			
72	3.500	3.858	180	8.900	9.258
	88.9	97.99			
80	3.900	4.258	200	9.900	10.258
	99.06	108.15			

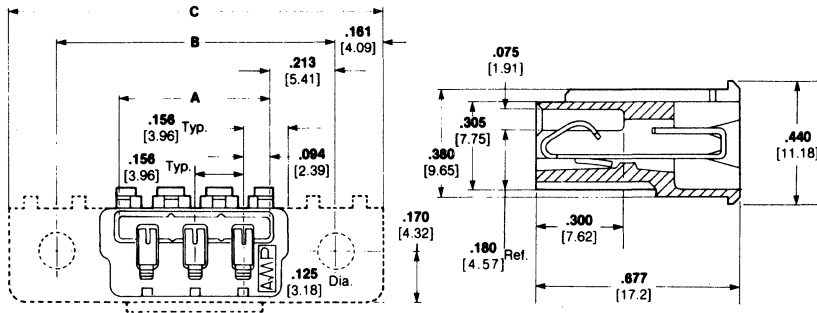
29R2



Number of Positions	Dimensions			
	A	B	C	D
100	82.55	74.93	64.11	60.96
	3.250	2.950	2.524	2.400
128	100.33	92.71	81.99	78.74
	3.950	3.650	3.224	3.100
160	120.55	113.03	102.21	99.06
	4.750	4.450	4.024	3.900
180	133.35	125.73	114.91	111.76
	5.250	4.950	4.524	4.400
200	146.05	138.43	127.61	124.46
	5.750	5.450	5.024	4.900
240	171.45	163.83	153.01	149.86
	6.750	6.450	6.024	5.900
300	209.55	201.93	191.11	187.96
	8.250	7.950	7.524	7.400

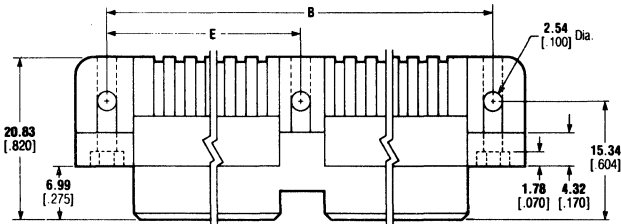
OUTLINE DRAWINGS

29R3

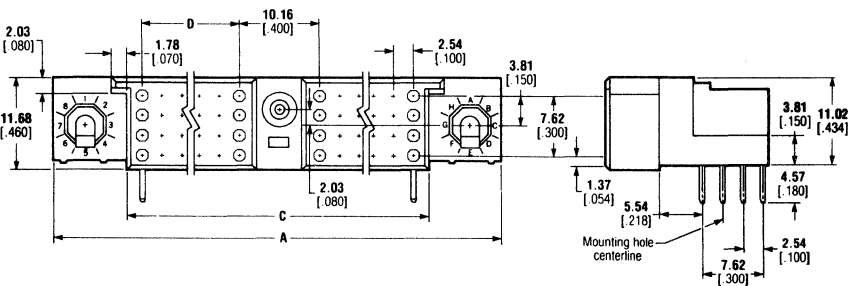


No. of Circuits†	Dimensions		
	A	B	C
3	.500 12.7	.926 23.52	1.248 31.7
6	.968 24.59	1.394 35.41	1.716 43.59
9	1.436 36.47	1.862 47.29	2.184 55.47
12	1.904 48.36	2.330 59.18	2.652 67.36
15	2.372 60.25	2.798 71.07	3.120 79.25
18	2.840 72.14	3.266 82.96	3.588 91.14
20	3.152 80.06	3.578 90.88	3.900 99.06
21	3.308 84.02	3.734 94.84	4.056 103.02
22	3.464 87.99	3.890 98.81	4.212 106.98
23	3.620 91.95	4.046 102.77	4.368 110.95
24	3.776 95.91	4.202 106.73	4.524 114.91

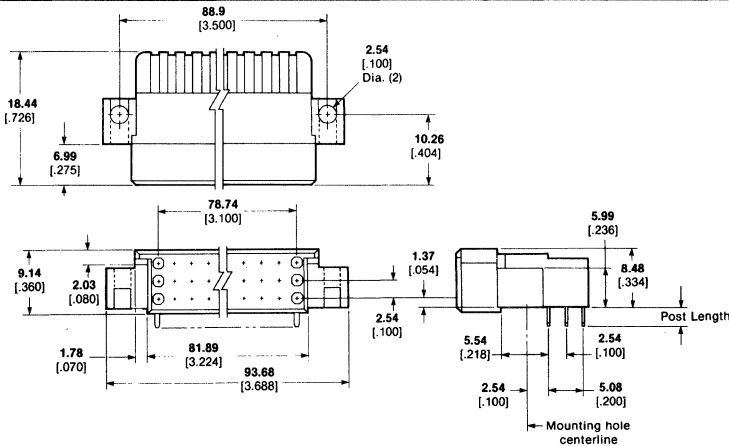
29R4



Number of Positions	Dimensions				
	A	B	C	D	E
320	229.87 9.050	222.25 8.750	211.43 8.324	99.06 3.900	111.12 4.375
344	245.11 9.650	237.49 9.350	226.67 8.924	106.68 4.200	118.74 4.675
368	260.35 10.250	252.73 9.950	241.91 9.524	114.30 4.500	126.36 4.975
392	275.59 10.850	267.97 10.550	257.15 10.124	121.92 4.800	133.98 5.275
416	290.83 11.450	283.21 11.150	272.39 10.724	129.54 5.100	141.60 5.575
440	306.07 12.050	298.45 11.750	287.63 11.324	137.16 5.400	149.22 5.875
464	321.31 12.650	313.69 12.350	302.87 11.924	144.78 5.700	156.84 6.175
488	336.55 13.250	328.93 12.950	318.11 12.524	152.40 6.000	164.46 6.475



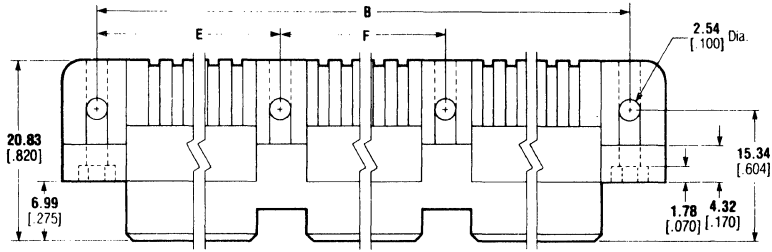
29R10



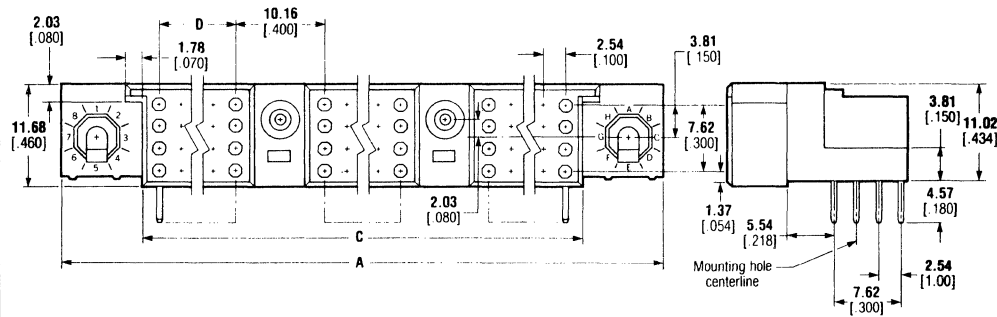
Post Length
4.57 .180
3.05 .120

OUTLINE DRAWINGS

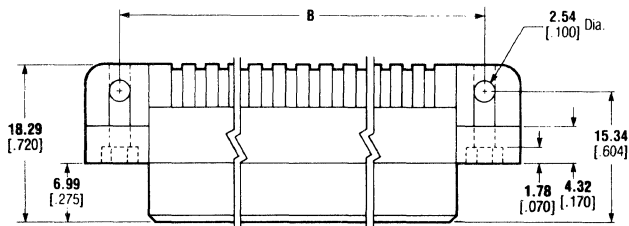
29R5



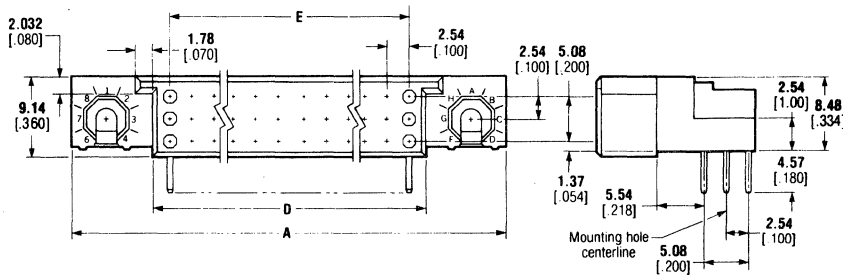
Number of Positions	Dimensions					
	A	B	C	D	E	F
516	361.95 14.250	354.33 13.950	343.51 13.524	106.68 4.200	118.74 4.675	116.84 4.600
540	377.19 14.850	369.57 14.550	358.75 14.124	111.76 4.400	123.82 4.875	121.92 4.800
564	392.43 15.450	384.81 15.150	373.99 14.724	116.84 4.600	128.90 5.075	127.00 5.000
588	407.67 16.050	400.05 15.750	389.23 15.324	121.92 4.800	133.98 5.275	132.08 5.200
612	422.91 16.650	415.29 16.350	404.47 15.924	127.00 5.000	139.06 5.475	137.16 5.400
636	438.15 17.250	430.53 16.950	419.71 16.524	132.08 5.200	144.14 5.675	142.24 5.600
660	453.39 17.850	445.77 17.550	434.95 17.124	137.16 5.400	149.22 5.875	147.32 5.800
684	468.63 18.450	461.01 18.150	450.19 17.724	142.24 5.600	154.30 6.075	152.40 6.000



29R6

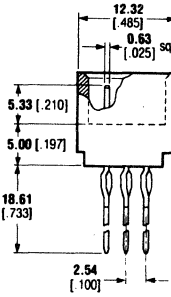
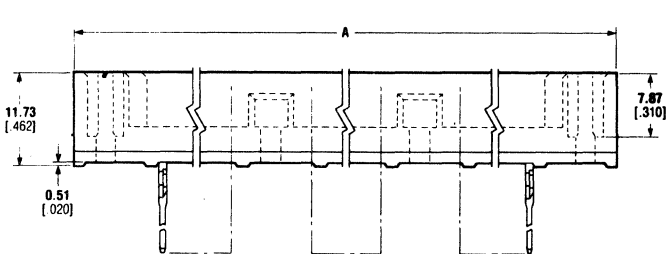
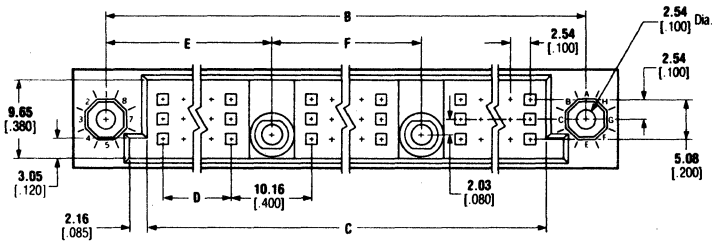


Number of Positions	Dimensions				
	A	B	C	D	E
96	100.33 3.950	92.71 3.650	82.55 3.250	81.89 3.224	78.74 3.100
120	120.65 4.750	113.03 4.450	102.87 4.050	102.21 4.024	99.06 3.900
165	158.75 6.250	151.13 5.950	140.97 5.550	140.31 5.524	137.16 5.400
210	196.85 7.750	189.23 7.450	179.07 7.050	178.41 7.024	175.26 6.900
225	209.55 8.250	201.93 7.950	191.77 7.550	191.11 7.524	187.96 7.400



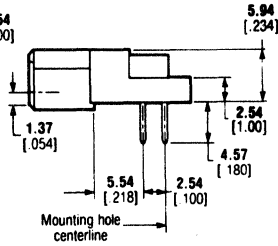
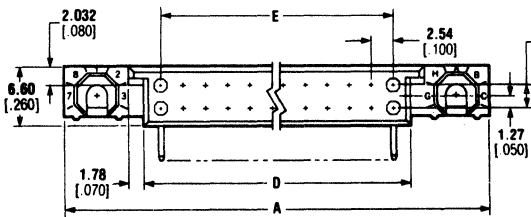
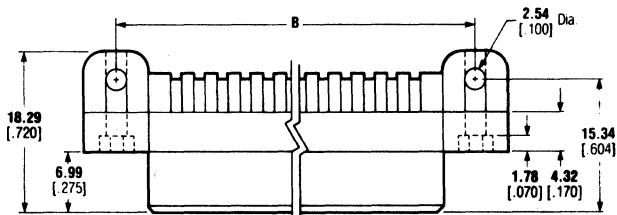
OUTLINE DRAWINGS

29R7



Number of Positions	Dimensions						
	A	B	C	D	E	F	G
387	361.95 14.250	354.33 13.950	344.17 13.550	106.68 4.200	118.74 4.675	116.84 4.600	343.51 13.524
405	377.19 14.850	369.57 14.550	359.41 14.150	111.76 4.400	123.82 4.875	121.92 4.800	358.75 14.124

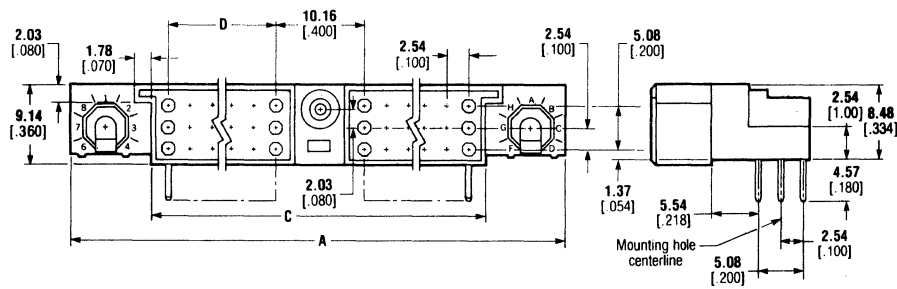
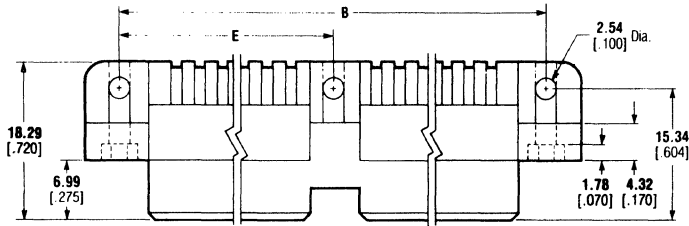
29R8



Number of Positions	Dimensions				
	A	B	C	D	E
60	95.25 3.750	87.83 3.450	77.47 3.050	76.81 3.024	73.66 2.900
70	107.95 4.250	100.33 3.950	90.17 3.550	89.51 3.524	86.36 3.400
80	120.65 4.750	113.03 4.450	102.87 4.050	102.21 4.024	99.06 3.900
100	146.05 5.750	138.43 5.450	128.27 5.050	127.61 5.024	124.46 4.900
110	158.75 6.250	151.13 5.950	140.97 5.550	140.31 5.524	137.16 5.400
140	196.85 7.750	189.23 7.450	179.07 7.050	178.41 7.024	175.26 6.900
150	209.55 8.250	201.93 7.950	191.77 7.550	191.11 7.524	187.96 7.400

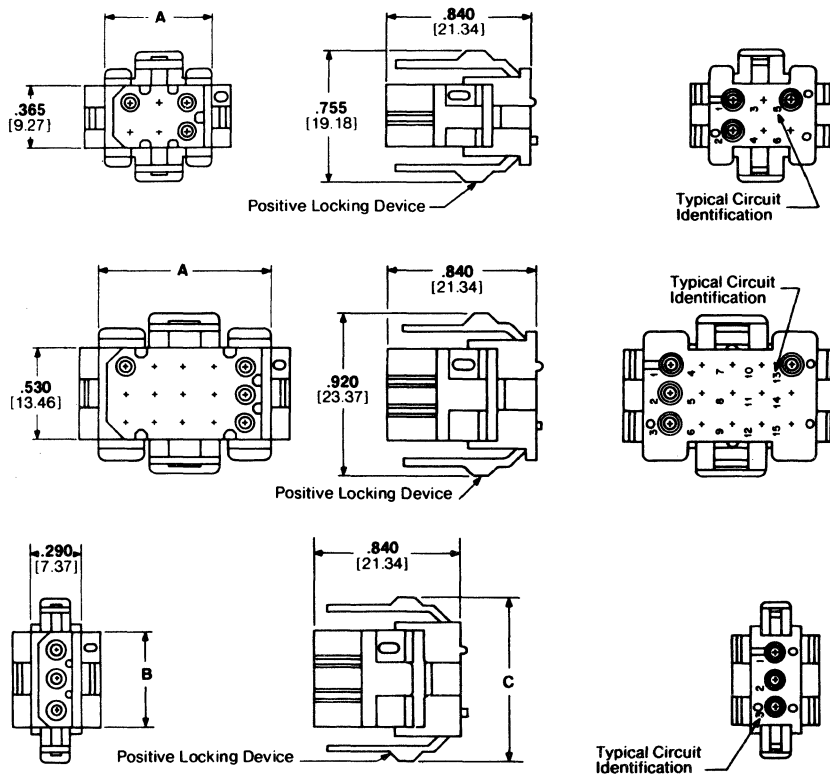
OUTLINE DRAWINGS

29R9



Number of Positions	Dimensions				
	A	B	C	D	E
240	229.87 9.050	222.25 8.750	211.43 8.324	99.06 3.900	111.12 4.375
258	245.11 9.650	237.49 9.350	226.67 8.924	106.68 4.200	118.74 4.675
276	260.35 10.250	252.73 9.950	241.91 9.524	114.30 4.500	126.36 4.975
294	275.59 10.850	267.97 10.550	257.15 10.124	121.92 4.800	133.98 5.275
312	290.83 11.450	283.21 11.150	272.39 10.724	129.54 5.100	141.60 5.575
330	306.07 12.050	298.45 11.750	287.63 11.324	137.16 5.400	149.22 5.875
348	321.31 12.650	313.69 12.350	302.87 11.924	144.78 5.700	156.84 6.175
366	336.55 13.250	328.93 12.950	318.11 12.524	152.40 6.000	164.46 6.475

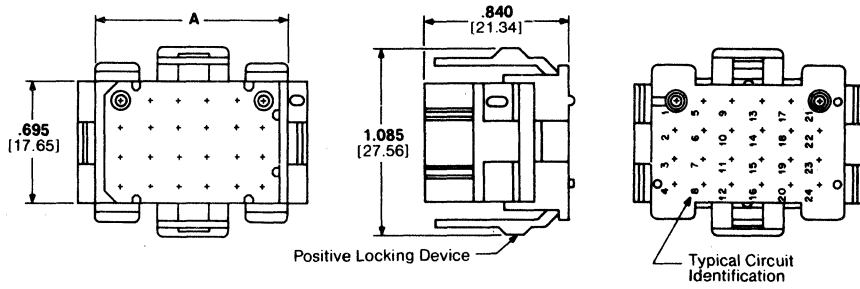
29R11



No. of Circuits	Dimensions		
	A	B	C
2	.455 11.56	.365 9.27	.755 19.18
3	.620 15.75	.530 13.46	.920 23.37
4	.455 11.56	-	-
6	.620 15.75	-	-
9	.620 15.75	-	-
12	.785 19.94	-	-
15	.950 24.13	-	-

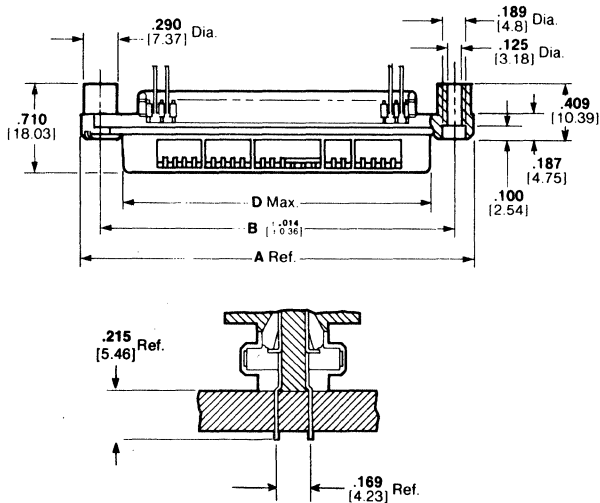
OUTLINE DRAWINGS

29R12



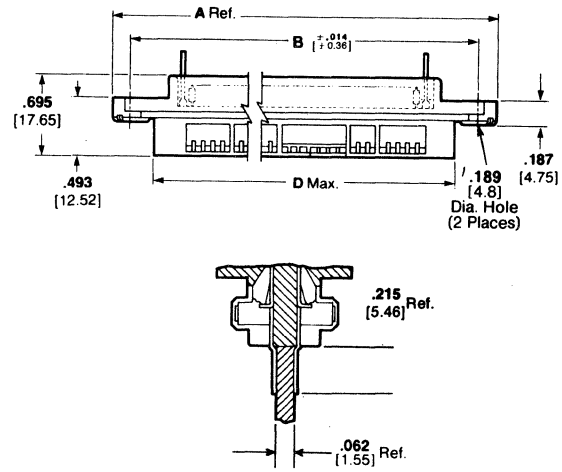
No. of Circuits	A
20	.950 24.13
24	1.115 28.32

29R13



No. of Pos.	Dimensions		
	A	B	D
14	1.750 44.45	1.416 35.97	1.000 25.4
24	2.175 55.25	1.842 46.79	1.425 36.2
36	2.685 68.2	2.352 59.74	1.935 49.15
50	3.280 83.31	2.946 74.75	2.530 64.26
64	3.875 98.43	3.542 89.97	3.125 79.38

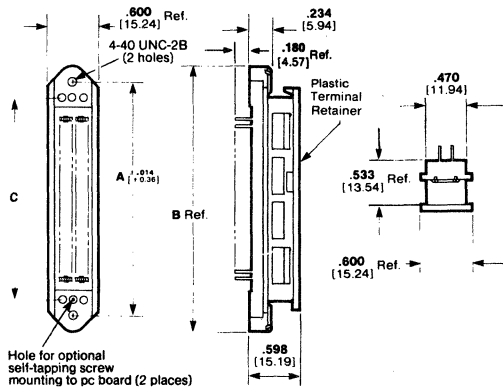
29R14



No. of Pos.	Dimensions		
	A	B	D
14	1.750 44.45	1.416 35.97	1.000 25.4
24	2.175 55.25	1.842 46.79	1.425 36.2
36	2.685 68.2	2.352 59.74	1.935 49.15
50	3.280 83.31	2.946 74.75	2.530 64.26
64	3.875 98.43	3.542 89.97	3.125 79.38

29R15

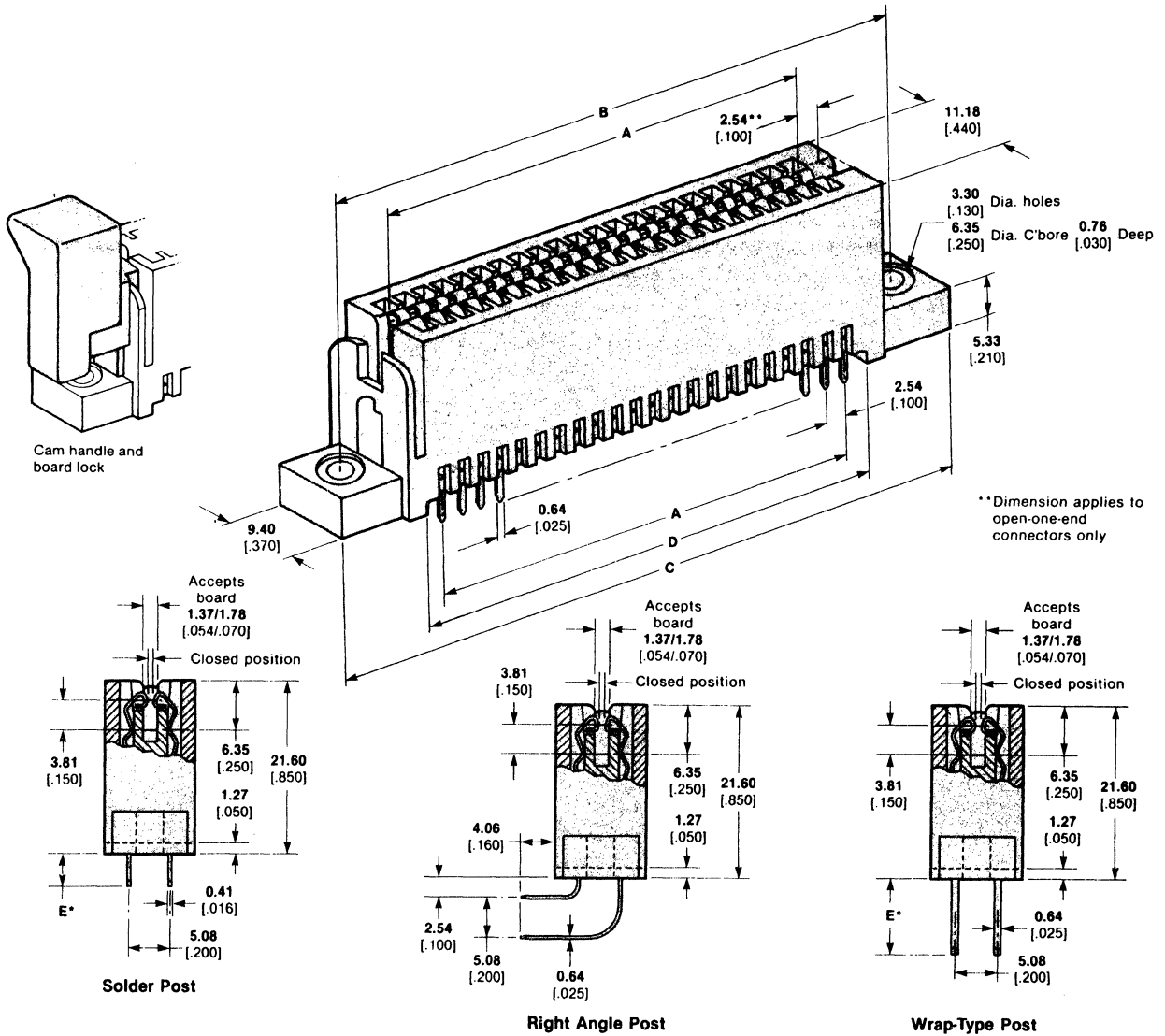
Receptacle



No. of Positions	Dimensions		
	A	B	C
14	1.416 35.97	1.750 44.45	1.016 25.8
24*	1.842 46.79	2.175 55.25	1.440 36.62
36	2.352 59.74	2.685 68.2	1.952 49.63
50	2.946 74.83	3.280 83.31	2.546 64.66
64	3.542 89.97	3.875 98.42	3.142 79.5

OUTLINE DRAWINGS

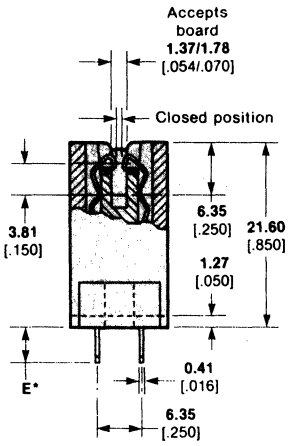
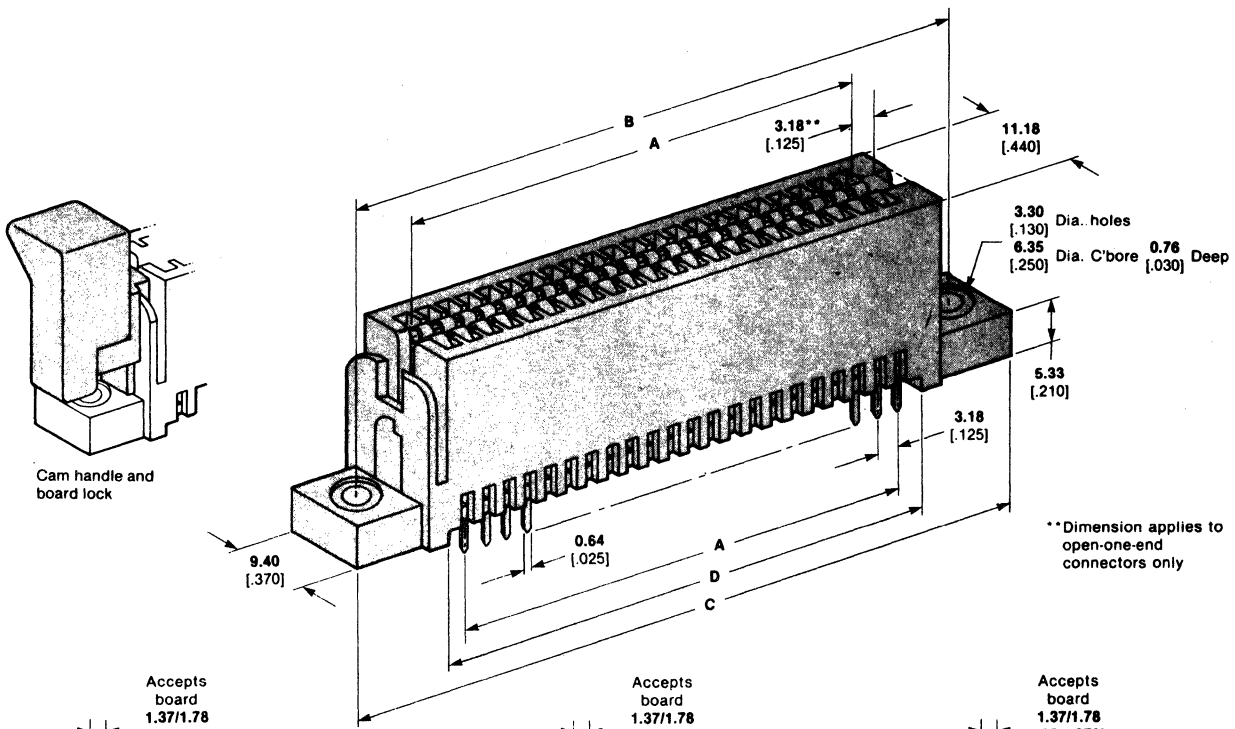
29R16



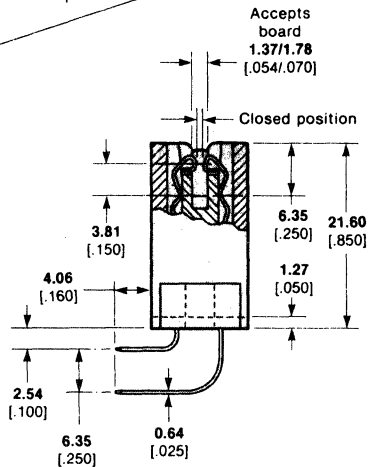
Number of Dual Positions	Dimensions				
	A	B	C	D	E*
22	53.34	71.12	78.74	58.42	3.18
	2.100	2.800	3.100	2.300	4.06
25	60.96	78.74	86.36	66.04	3.18
	2.400	3.100	3.400	2.600	4.06
28	68.58	86.36	93.98	73.66	3.18
	2.700	3.400	3.700	2.900	4.06
36	88.90	106.68	114.30	93.98	3.18
	3.500	4.200	4.500	3.700	4.06
40	99.06	116.84	124.46	104.14	3.18
	3.900	4.600	4.900	4.100	4.06
42	104.14	121.92	129.54	109.22	3.18
	4.100	4.800	5.100	4.300	4.06
43	106.68	124.46	132.08	111.76	3.18
	4.200	4.900	5.200	4.400	4.06
50	124.46	142.24	149.86	129.54	3.18
	4.900	5.600	5.900	5.100	4.06
60	149.86	167.64	175.26	154.94	3.18
	5.900	6.600	6.900	6.100	4.06
65	162.56	180.34	187.96	167.64	3.18
	6.400	7.100	7.400	6.600	4.06

OUTLINE DRAWINGS

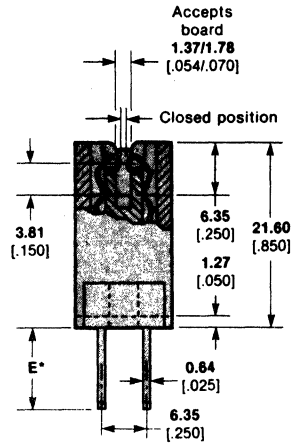
29R17



Solder Post



Right Angle Post

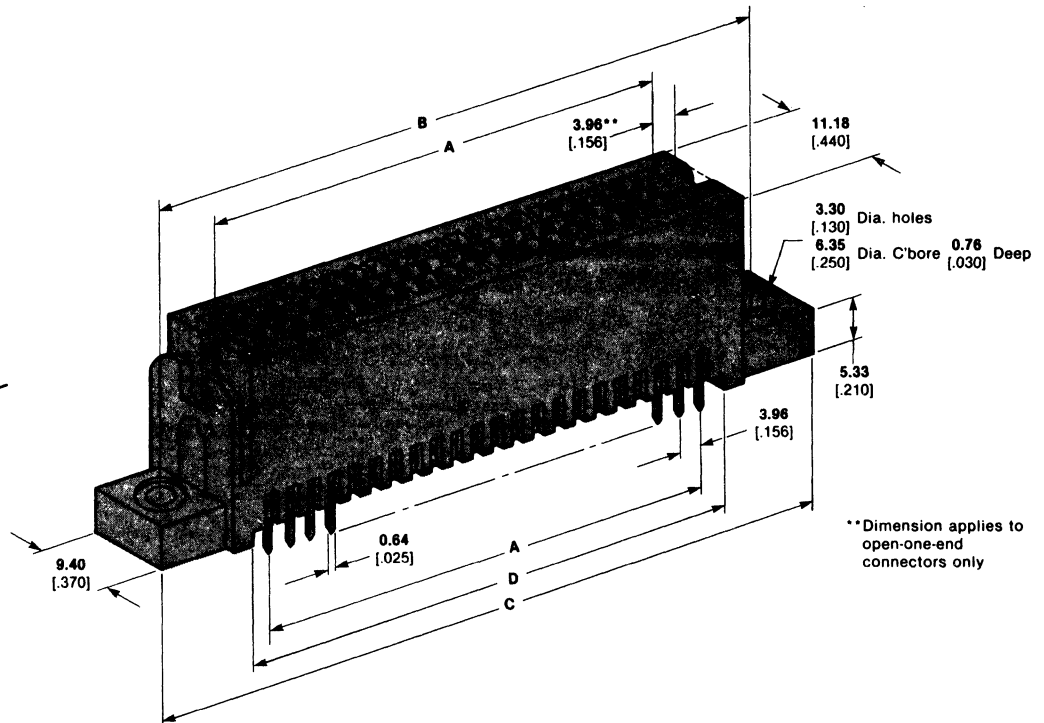
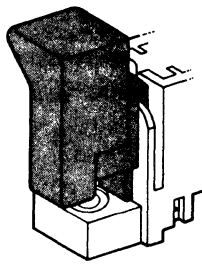


Wrap-Type Post

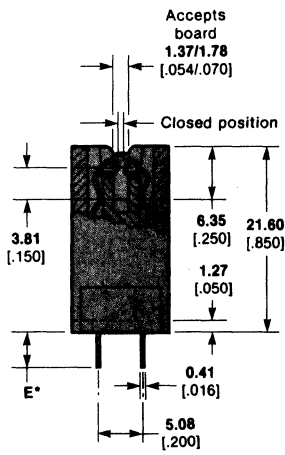
Number of Post Positions	Dimensions				
	A	B	C	D	E*
18	53.98	73.03	80.65	60.33	3.18
	2.125	2.875	3.175	2.375	4.06
22	66.68	85.73	93.35	73.03	3.18
	2.625	3.375	3.675	2.875	4.06
28	85.73	104.76	112.40	92.08	3.18
	3.375	4.125	4.425	3.625	4.06
30	92.08	111.13	118.75	98.43	3.18
	3.625	4.375	4.675	3.875	4.06
36	111.13	130.18	137.80	117.48	3.18
	4.375	5.125	5.425	4.625	4.06
40	123.83	142.88	150.50	130.18	3.18
	4.875	5.625	5.925	5.125	4.06
43	133.35	152.4	160.02	139.7	3.18
	5.250	6.000	6.300	5.500	4.06
50	155.58	174.63	182.25	161.93	3.18
	6.125	6.875	7.175	6.375	4.06

OUTLINE DRAWINGS

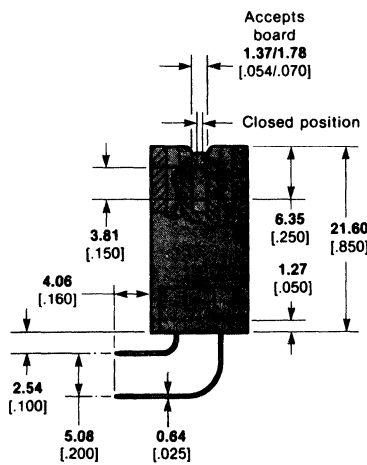
29R18



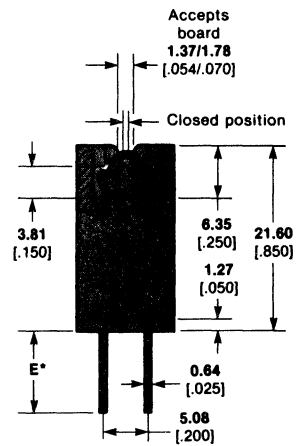
** Dimension applies to open-one-end connectors only



Solder Post



Right Angle Post

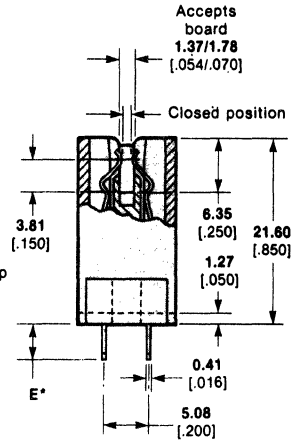
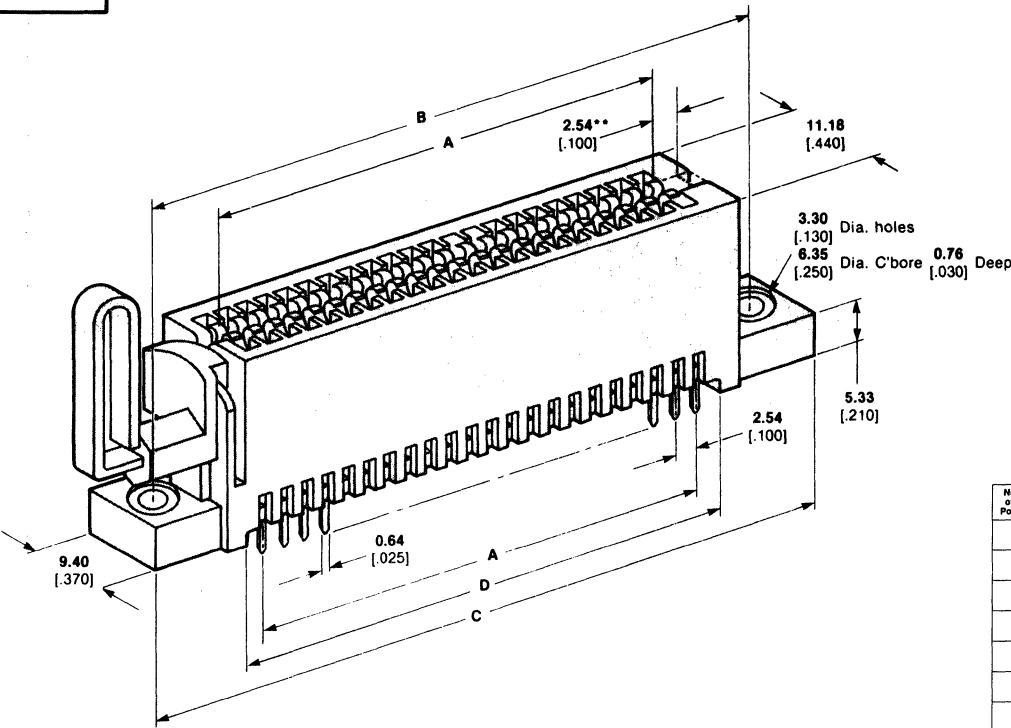


Wrap-Type Post

Number of Dual Positions	Dimensions				
	A	B	C	D	E*
15	55.47	76.10	83.72	63.40	3.18
	2.184	2.996	3.296	2.496	4.06
18	67.36	87.99	95.61	75.29	3.18
	2.652	3.464	3.764	2.964	4.06
22	83.21	103.84	111.46	91.14	3.18
	3.276	4.088	4.388	3.588	4.06
28	106.98	127.61	135.23	114.91	3.18
	4.212	5.024	5.324	4.524	4.06
36	138.68	159.31	166.93	146.61	3.18
	5.460	6.272	6.572	5.772	4.06
43	166.42	187.05	194.67	174.35	3.18
	6.552	7.364	7.664	6.864	4.06

OUTLINE DRAWINGS

29R19



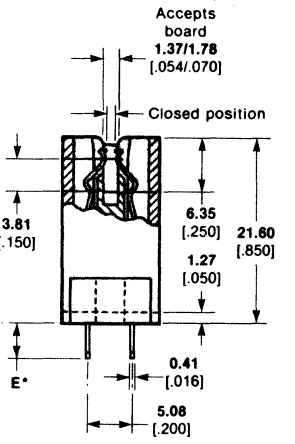
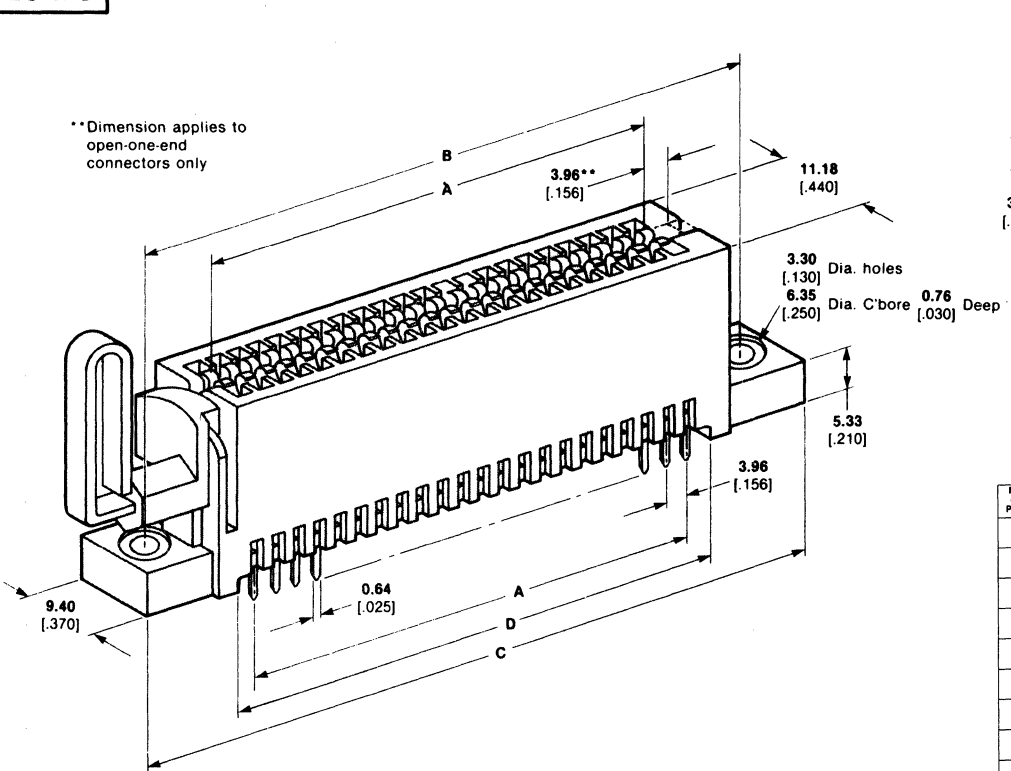
Solder Post

Number of Dual Positions	Dimensions				
	A	B	C	D	E*
22	53.34	71.12	78.74	58.42	3.18
	2.100	2.800	3.100	2.300	4.06
25	60.96	78.74	86.36	66.04	3.18
	2.400	3.100	3.400	2.600	4.06
28	68.58	86.36	93.98	73.66	3.18
	2.700	3.400	3.700	2.900	4.06
36	88.90	106.68	114.30	93.98	3.18
	3.500	4.200	4.500	3.700	4.06
40	99.06	116.84	124.46	104.14	3.18
	3.900	4.600	4.900	4.100	4.06
42	104.14	121.92	129.54	109.22	3.18
	4.100	4.800	5.100	4.300	4.06
43	106.68	124.46	132.08	111.76	3.18
	4.200	4.900	5.200	4.400	4.06
50	124.46	142.24	149.86	129.54	3.18
	4.900	5.600	5.900	5.100	4.06
60	149.86	167.64	175.26	154.94	3.18
	5.900	6.600	6.900	6.100	4.06
65	162.56	180.34	187.96	167.64	3.18
	6.400	7.100	7.400	6.600	4.06

*Equivalents for post lengths E, in inches, are 3.18 = [.125]; 4.06 = [.160].

**Dimension applies to open-one-end connectors only

29R20



Solder Post

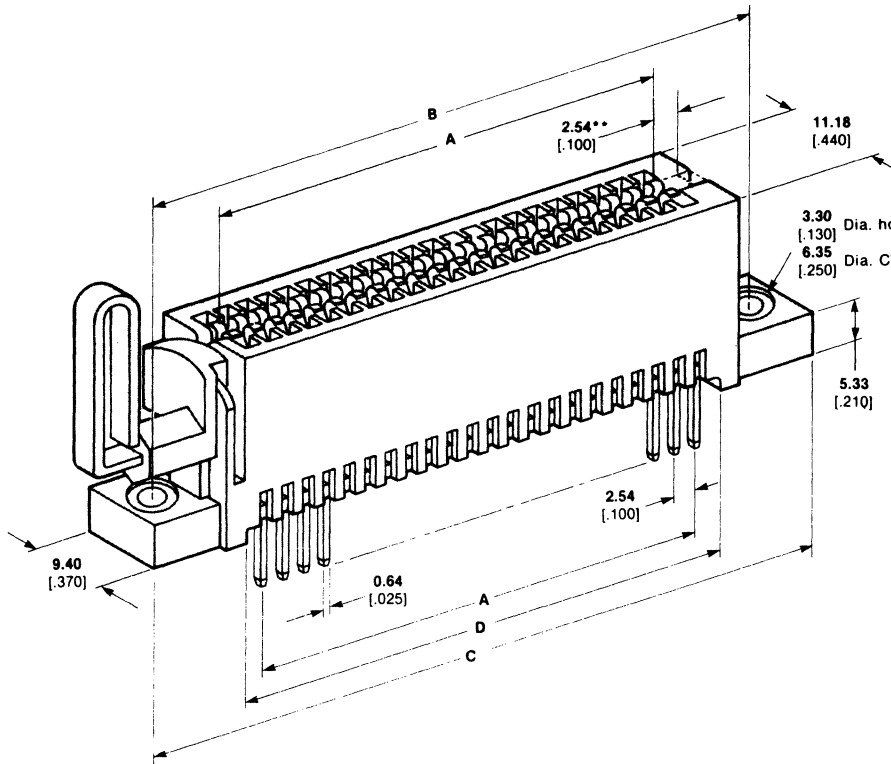
Number of Dual Positions	Dimensions					Post Length E*
	A	B	C	D		
22	53.34	71.12	78.74	58.42	3	
	2.100	2.800	3.100	2.300	2	
25	60.96	78.74	86.36	66.04	3	
	2.400	3.100	3.400	2.600	2	
28	68.58	86.36	93.98	73.66	3	
	2.700	3.400	3.700	2.900	2	
36	88.90	106.68	114.30	93.98	3	
	3.500	4.200	4.500	3.700	2	
40	99.06	116.84	124.46	104.14	3	
	3.900	4.600	4.900	4.100	2	
42	104.14	121.92	129.54	109.22	3	
	4.100	4.800	5.100	4.300	2	
43	106.68	124.46	132.08	111.76	3	
	4.200	4.900	5.200	4.400	2	
50	124.46	142.24	149.86	129.54	3	
	4.900	5.600	5.900	5.100	2	
60	149.86	167.64	175.26	154.94	3	
	5.900	6.600	6.900	6.100	2	
65	162.56	180.34	187.96	167.64	3	
	6.400	7.100	7.400	6.600	2	

*Post lengths E: 3-high wrap-type = 14.73 [.580]; 2-high wrap-type = 9.65 [.380].

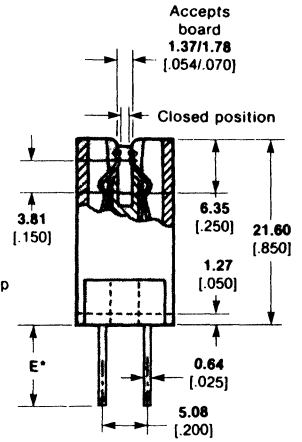
**Dimension applies to open-one-end connectors only

OUTLINE DRAWINGS

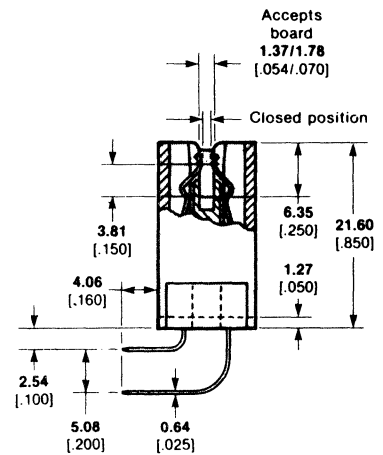
29R21



**Dimension applies to open-one-end connectors only



Wrap-Type



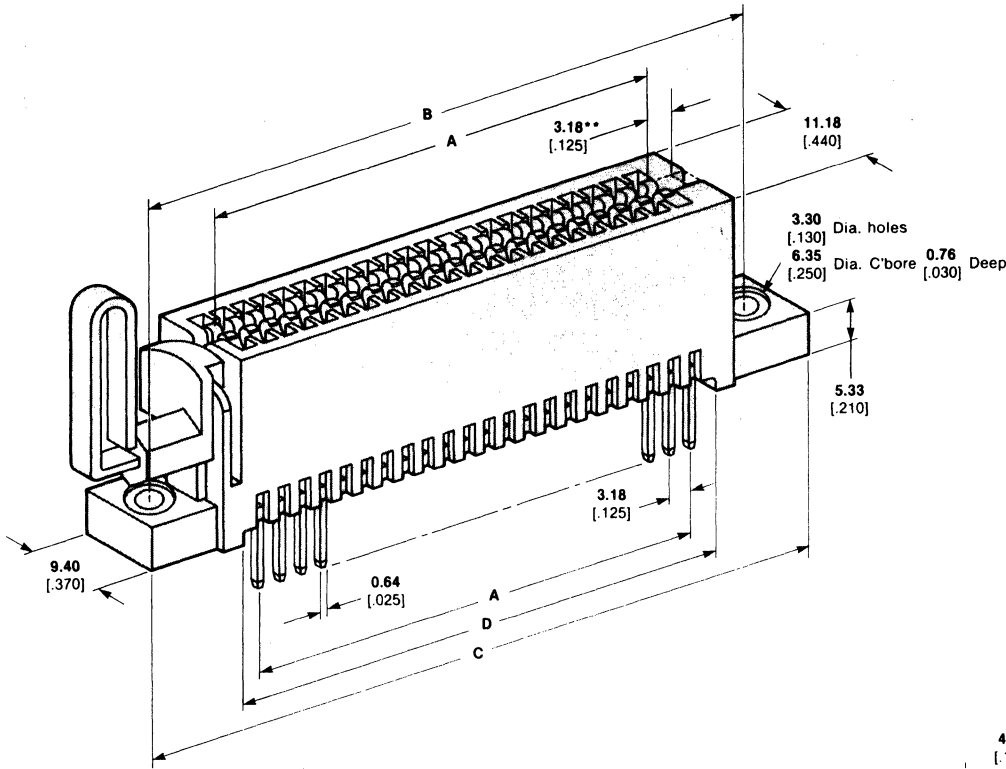
Right-Angle

Number of Dual Positions	Dimensions				
	A	B	C	D	E*
18	53.98	73.03	80.65	60.33	3.18
	2.125	2.875	3.175	2.375	4.06
22	66.68	85.73	93.35	73.03	3.18
	2.625	3.375	3.675	2.875	4.06
28	85.73	104.76	112.40	92.06	3.18
	3.375	4.125	4.425	3.625	4.06
30	92.08	111.13	118.75	98.43	3.18
	3.625	4.375	4.675	3.875	4.06
36	111.13	130.18	137.80	117.48	3.18
	4.375	5.125	5.425	4.625	4.06
40	123.83	142.88	150.50	130.18	3.18
	4.875	5.625	5.925	5.125	4.06
43	133.35	152.4	160.02	139.7	3.18
	5.250	6.000	6.300	5.500	4.06
50	155.58	174.63	182.25	161.93	3.18
	6.125	6.875	7.175	6.375	4.06

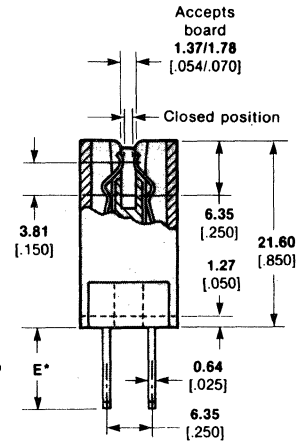
*Equivalents for post lengths E, in inches, are 3.18 = [.125]; 4.06 = [.160].

OUTLINE DRAWINGS

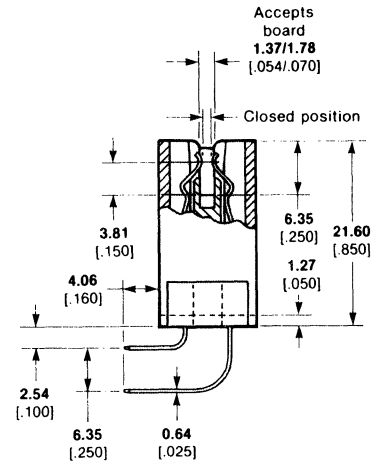
29R22



**Dimension applies to open-one-end connectors only



Wrap-Type



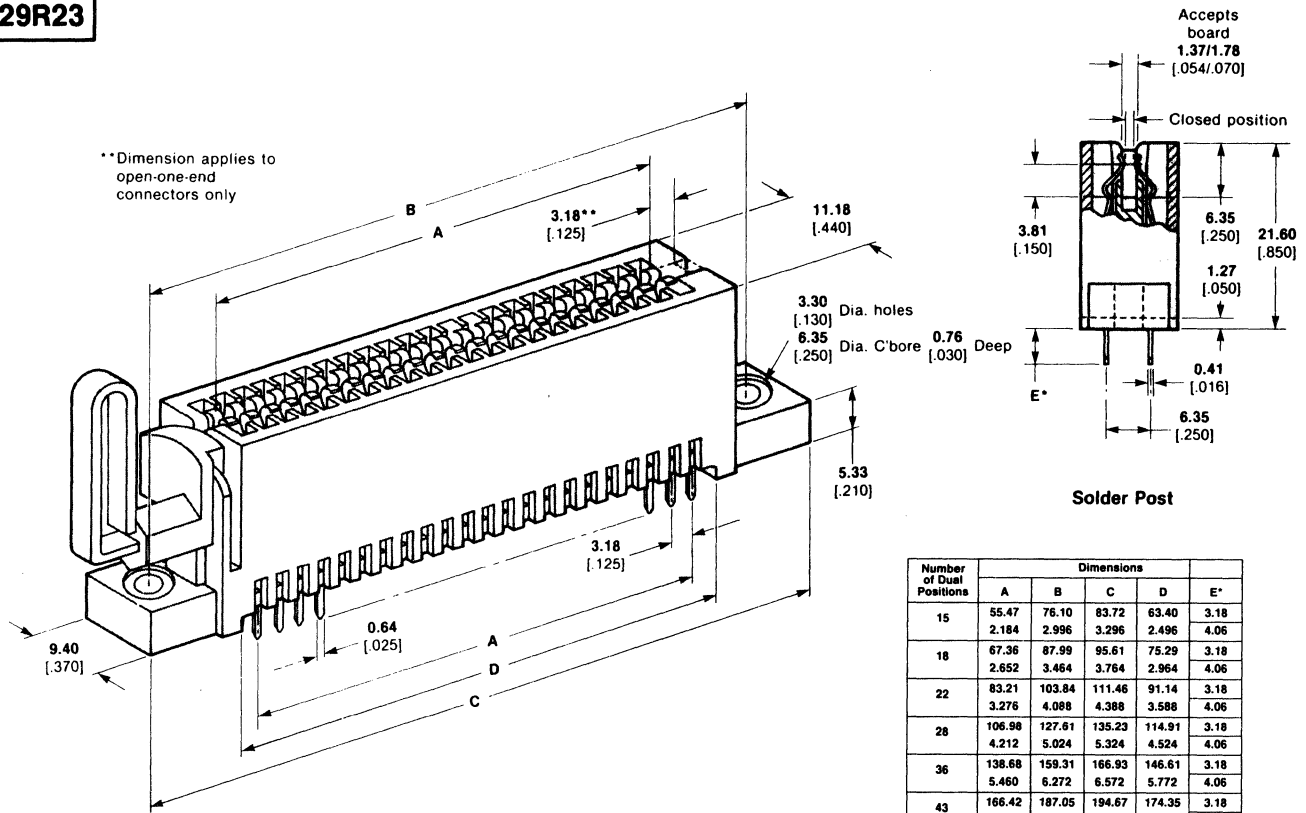
Right-Angle†

Number of Dual Positions	Dimensions				Post Length E*
	A	B	C	D	
18	53.98	73.03	80.65	80.33	3
	2.125	2.875	3.175	2.375	2
22	66.68	85.73	93.35	73.03	3
	2.625	3.375	3.675	2.875	2
28	85.73	104.76	112.40	92.08	3
	3.375	4.125	4.425	3.625	2
30	92.08	111.13	118.75	98.43	3
	3.625	4.375	4.675	3.875	2
36	111.13	130.18	137.80	117.48	3
	4.375	5.125	5.425	4.625	2
40	123.83	142.88	150.50	130.18	3
	4.875	5.625	5.925	5.125	2
43	133.35	152.4	160.02	139.7	3
	5.250	6.000	6.300	5.500	2
50	155.58	174.63	182.25	161.93	3
	6.125	6.875	7.175	6.375	2

*Post lengths E: 3-high wrap-type=14.73 [.580]; 2-high wrap-type=9.65 [.380].

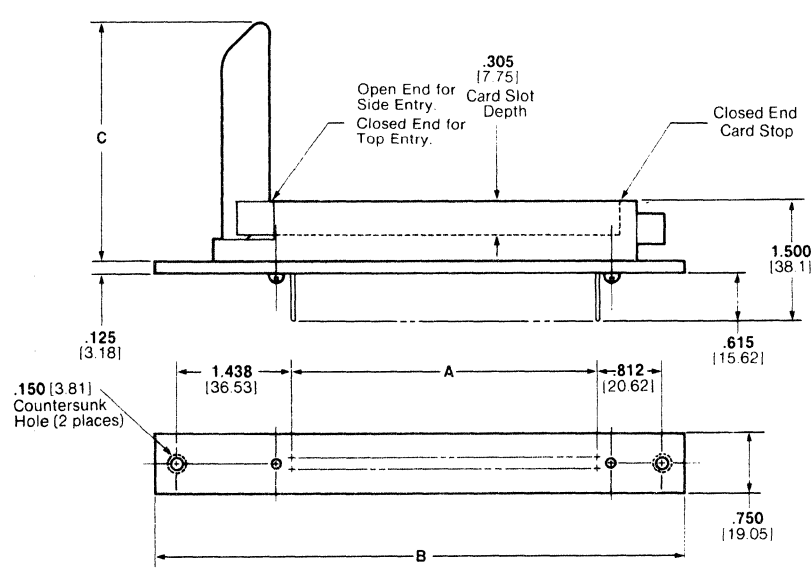
OUTLINE DRAWINGS

29R23



*Equivalents for post lengths E, in inches, are 3.18 = [.125]; 4.06 = [.160].

29R25

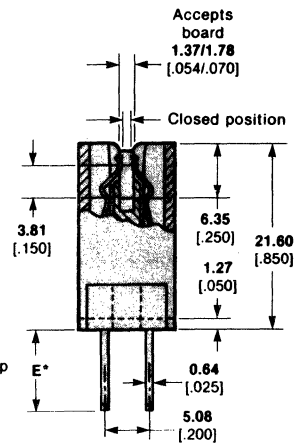
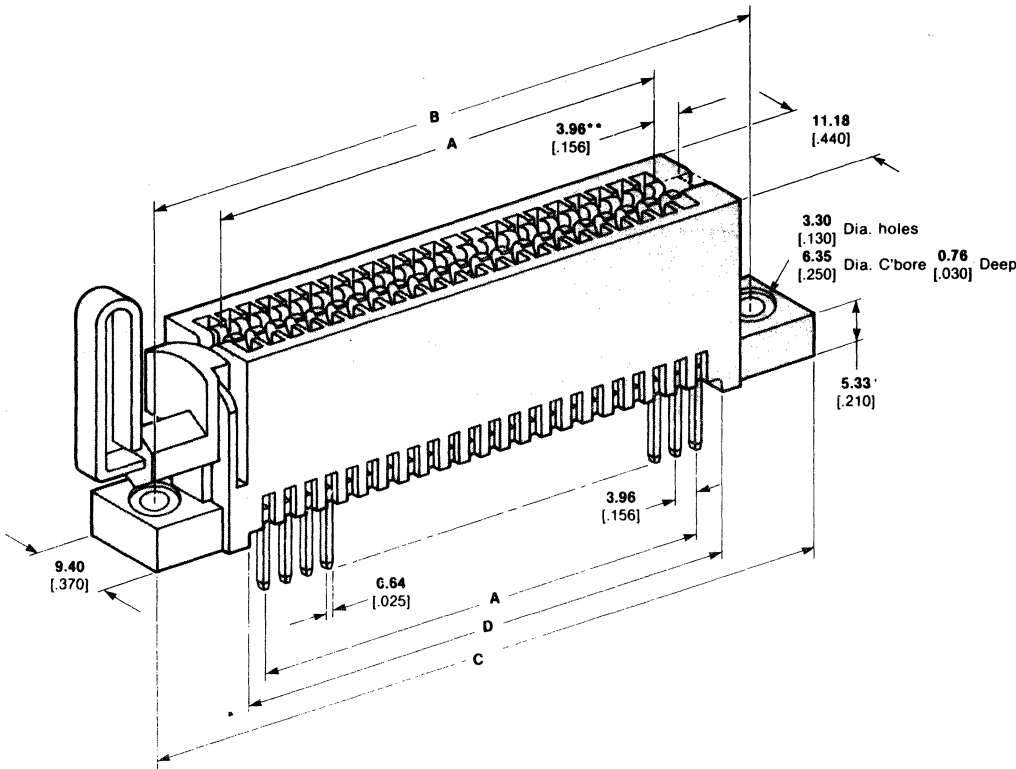


No. of Dual Positions	Dimensions		
	A	B	C
15	1.400	4.125	2.000
	35.56	104.78	50.8
20	1.900	4.625	2.000
	48.26	117.48	50.8
25	2.400	5.125	2.000
	60.96	130.18	50.8
30	2.900	5.625	2.000
	73.66	142.88	50.8
35	3.400	6.125	2.000
	86.36	155.58	50.8
40	3.900	6.625	2.000
	99.06	168.28	50.8
45	4.400	7.125	2.000
	111.76	180.98	50.8
50	4.900	7.625	2.000
	124.46	193.68	50.8
55	5.400	8.125	2.000
	137.16	206.38	50.8
60	5.900	8.625	2.000
	149.86	219.08	50.8
65	6.400	9.125	3.000
	162.56	231.78	76.2
70	6.900	9.625	3.000
	175.26	244.48	76.2
75	7.400	10.125	3.000
	187.96	257.18	76.2
80	7.900	10.625	3.000
	200.66	269.88	76.2
85	8.400	11.125	3.000
	213.36	282.58	76.2
90	8.900	11.625	3.000
	226.06	295.28	76.2
95	9.400	12.125	3.000
	238.76	307.98	76.2

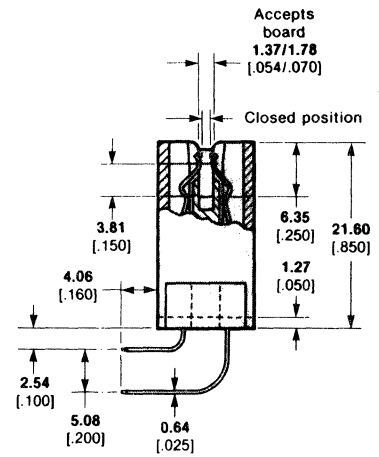
No. of Dual Positions	Dimensions		
	A	B	C
100	9.900	12.625	3.000
	251.46	320.68	76.2
105	10.400	13.125	3.000
	264.16	333.38	76.2
110	10.900	13.625	3.000
	276.86	346.08	76.2
115	11.400	14.125	3.000
	289.56	358.78	76.2
120	11.900	14.625	3.000
	302.26	371.48	76.2
125	12.400	15.125	3.000
	314.96	384.18	76.2
130	12.900	15.625	3.000
	327.66	396.88	76.2
135	13.400	16.125	3.000
	340.36	409.58	76.2
140	13.900	16.625	3.000
	353.06	422.28	76.2
145	14.400	17.125	3.000
	365.76	434.98	76.2
150	14.900	17.625	3.000
	378.46	447.68	76.2
155	15.400	18.125	3.000
	391.16	460.38	76.2
160	15.900	18.625	3.000
	403.86	473.08	76.2
165	16.400	19.125	3.000
	416.56	485.78	76.2
170	16.900	19.625	3.000
	429.26	498.48	76.2
175	17.400	20.125	3.000
	441.96	511.18	76.2

OUTLINE DRAWINGS

29R24



Wrap-Type



Right-Angle

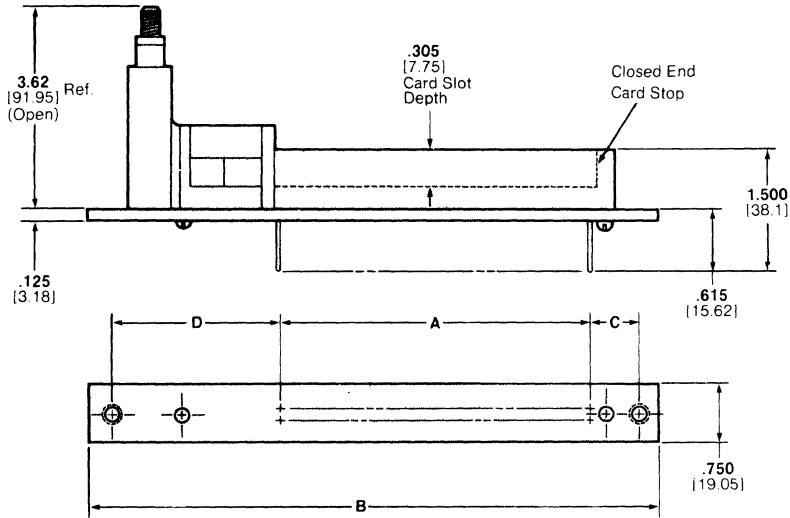
**Dimension applies to open-one-end connectors only

Number of Dual Positions	Dimensions				Post Length E*
	A	B	C	D	
15	55.47	76.10	83.72	63.40	3
	2.184	2.996	3.296	2.496	2
18	67.36	87.99	95.61	75.29	3
	2.652	3.464	3.764	2.964	2
22	83.21	103.84	111.46	91.14	3
	3.276	4.088	4.388	3.588	2
28	106.98	127.61	135.23	114.91	3
	4.212	5.024	5.324	4.524	2
36	138.68	159.31	166.93	146.61	3
	5.460	6.272	6.572	5.772	2
43	166.42	187.05	194.67	174.35	3
	6.552	7.364	7.664	6.864	2

*Post lengths E: 3-high wrap-type=14.73 [.580]; 2-high wrap-type=9.65 [.380].

OUTLINE DRAWINGS

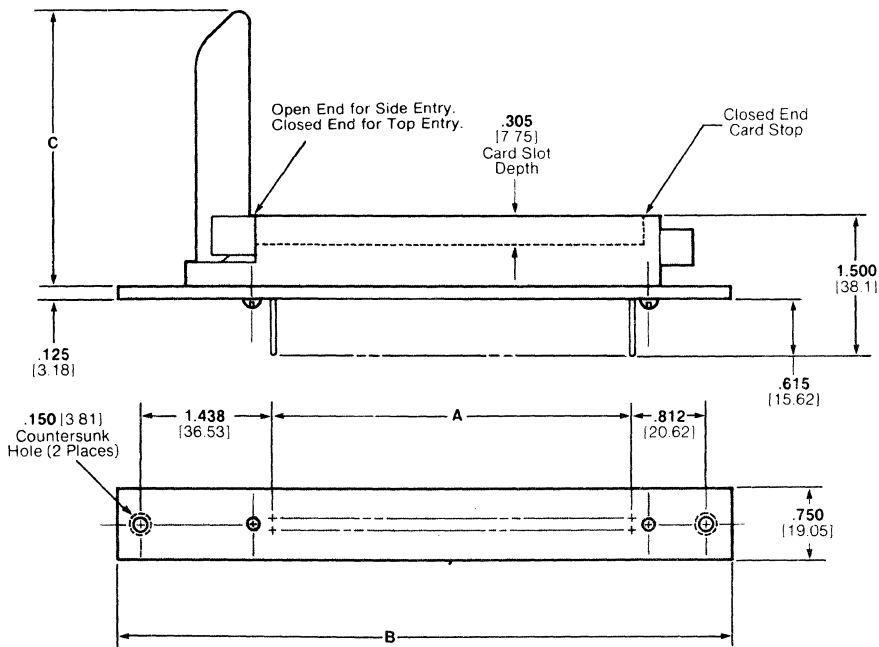
29R26



No. of Dual Positions	Dimensions			
	A	B	C	D
25	2.400 60.96	6.125 155.58	.831 21.11	2.293 60.78
30	2.900 73.66	6.125 155.58	.431 10.95	2.293 58.25
35	3.400 86.36	6.625 168.28	.431 10.95	2.293 58.24
40	3.900 99.06	7.125 180.98	.581 14.76	2.143 54.43
45	4.400 111.76	7.625 193.68	.581 14.76	2.143 54.43
50	4.900 124.46	8.125 206.38	.581 14.76	2.143 54.43
55	5.400 137.16	8.625 219.08	.581 14.76	2.143 54.43
60	5.900 149.86	9.125 231.78	.581 14.76	2.143 54.43
65	6.400 162.56	9.625 244.48	.581 14.76	2.143 54.43
70	6.900 175.26	10.125 257.18	.581 14.76	2.143 54.43
75	7.400 187.96	10.625 269.88	.581 14.76	2.143 54.43
80	7.900 200.66	11.125 282.58	.581 14.76	2.143 54.43
85	8.400 213.36	11.625 295.28	.581 14.76	2.143 54.43
90	8.900 226.06	12.125 307.98	.581 14.76	2.143 54.43
95	9.400 238.76	12.625 320.68	.581 14.76	2.143 54.43
100	9.900 251.46	13.125 333.38	.581 14.76	2.143 54.43

No. of Dual Positions	Dimensions			
	A	B	C	D
105	10.400 264.16	13.625 346.08	.581 14.76	2.143 54.43
110	10.900 276.86	14.125 358.78	.581 14.76	2.143 54.43
115	11.400 289.56	14.625 371.48	.581 14.76	2.143 54.43
120	11.900 302.26	15.125 384.18	.581 14.76	2.143 54.43
125	12.400 314.96	15.625 396.88	.581 14.76	2.143 54.43
130	12.900 327.66	16.125 409.58	.581 14.76	2.143 54.43
135	13.400 340.36	16.625 422.28	.581 14.76	2.143 54.43
140	13.900 353.06	17.125 434.98	.581 14.76	2.143 54.43
145	14.400 365.76	17.625 447.68	.581 14.76	2.143 54.43
150	14.900 378.46	18.125 460.38	.581 14.76	2.143 54.43
155	15.400 391.16	18.625 473.08	.581 14.76	2.143 54.43
160	15.900 403.86	19.125 485.78	.581 14.76	2.143 54.43
165	16.400 416.56	19.625 498.48	.581 14.76	2.143 54.43
170	16.900 429.26	20.125 511.18	.581 14.76	2.143 54.43
175	17.400 441.96	20.625 523.88	.581 14.76	2.143 54.43

29R27

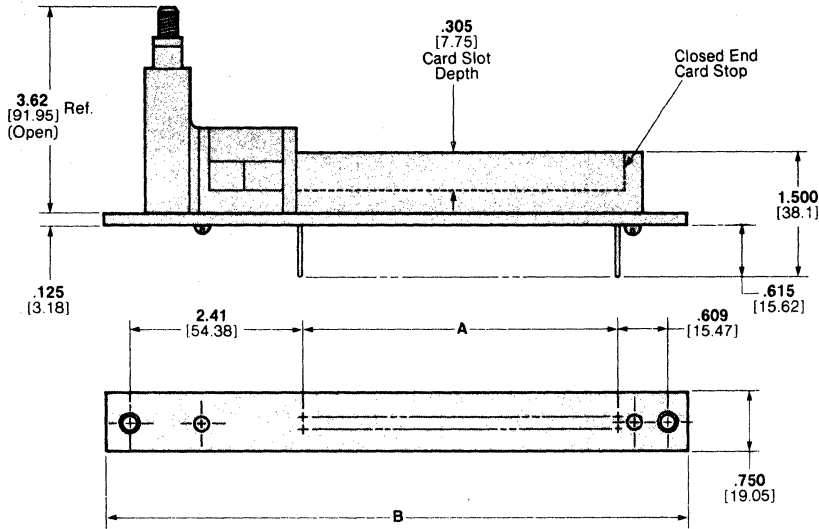


No. of Dual Positions	Dimensions		
	A	B	C
32	3.875 98.43	6.625 168.28	2.00 50.8
40	4.875 123.83	7.625 193.68	2.00 50.8
44	5.375 136.53	8.125 206.38	2.00 50.8
52	6.375 161.93	9.125 231.78	2.00 50.8
56	6.875 174.63	9.625 244.48	2.00 50.8
60	7.375 187.33	10.125 257.18	2.00 50.8
64	7.875 200.03	10.625 269.88	3.00 76.2
68	8.375 212.73	11.125 282.58	3.00 76.2
72	8.875 225.43	11.625 295.28	3.00 76.2
76	9.375 238.13	12.125 307.98	3.00 76.2
80	9.875 250.83	12.625 320.68	3.00 76.2
84	10.375 263.53	13.125 333.38	3.00 76.2
88	10.875 276.23	13.625 346.08	3.00 76.2

No. of Dual Positions	Dimensions		
	A	B	C
92	11.375 288.93	14.125 358.78	3.00 76.2
96	11.875 301.63	14.625 371.48	3.00 76.2
100	12.375 314.33	15.125 384.18	3.00 76.2
104	12.875 327.03	15.625 396.88	3.00 76.2
108	13.375 339.73	16.125 409.58	3.00 76.2
112	13.875 352.43	16.625 422.28	3.00 76.2
116	14.375 365.13	17.125 434.98	3.00 76.2
120	14.875 377.83	17.625 447.68	3.00 76.2
124	15.375 390.53	18.125 460.38	3.00 76.2
128	15.875 403.23	18.625 473.08	3.00 76.2
132	16.375 415.93	19.125 485.78	3.00 76.2
136	16.875 428.63	19.625 498.48	3.00 76.2
140	17.375 441.33	20.125 511.18	3.00 76.2

OUTLINE DRAWINGS

29R28

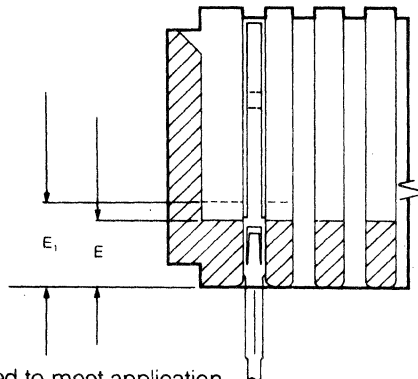
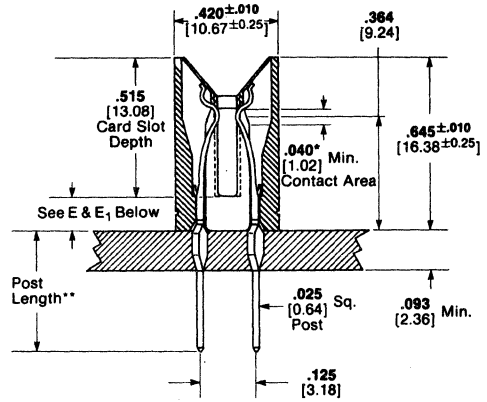
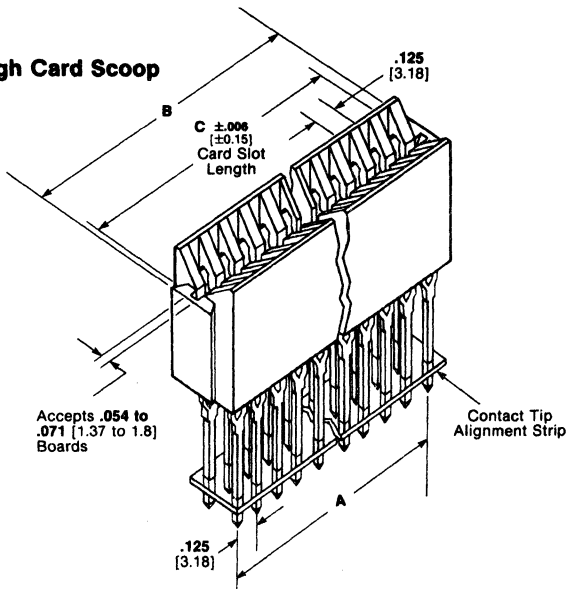


No. of Dual Positions	Dimensions	
	A	B
24	2.875 73.03	6.125 155.58
32	3.875 98.43	7.125 180.98
40	4.875 123.83	8.125 206.38
44	5.375 136.53	8.625 219.08
52	6.375 161.93	9.625 244.48
56	6.875 174.63	10.125 257.18
60	7.375 187.33	10.625 269.88
64	7.875 200.03	11.125 282.58
68	8.375 212.73	11.625 295.28
72	8.875 225.43	12.125 307.98
76	9.375 238.13	12.625 320.68
80	9.875 250.83	13.125 333.38
84	10.375 263.53	13.625 346.08
88	10.875 276.23	14.125 358.78

No. of Dual Positions	Dimensions	
	A	B
92	11.375 288.93	14.625 371.48
96	11.875 301.63	15.125 384.18
100	12.375 314.33	15.625 396.88
104	12.875 327.03	16.125 409.58
106	13.375 339.73	16.625 422.28
112	13.875 352.43	17.125 434.98
116	14.375 365.13	17.625 447.68
120	14.875 377.83	18.125 460.38
124	15.375 390.53	18.625 473.08
128	15.875 403.23	19.125 485.78
132	16.375 415.93	19.625 498.48
136	16.875 428.63	20.125 511.18
140	17.375 441.33	20.625 523.88

29R31

Housing With High Card Scoop



No. of Dual Positions	Dimensions			Post Length**
	A	B	C	
28	3.375 85.72	3.755 95.38	3.625 92.08	(1) (2) (3)
40	4.875 123.82	5.255 133.48	5.125 130.18	(1) (2) (3)

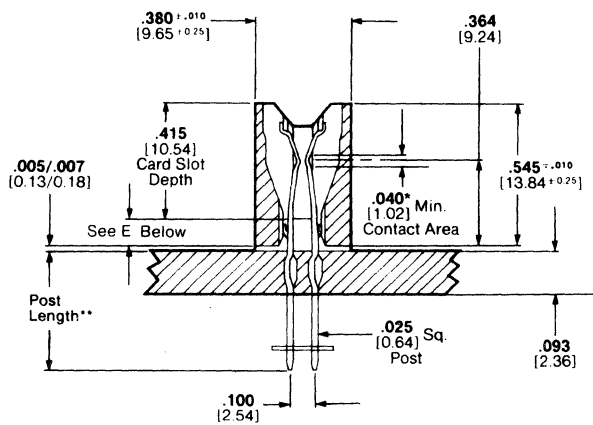
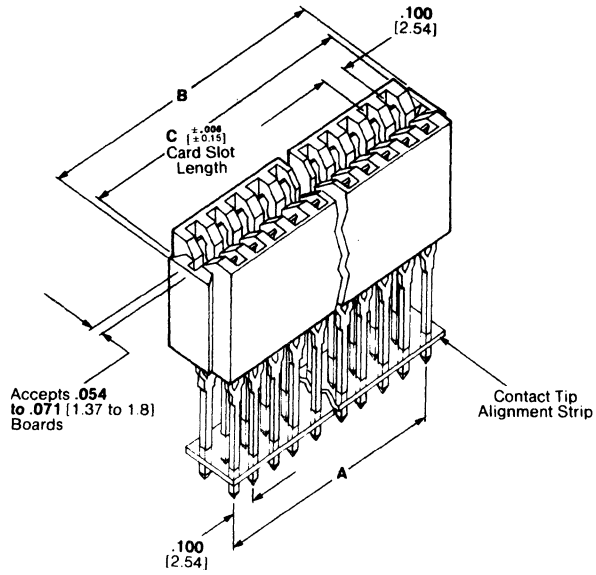
Post Length **
 (1) = .475 [12.07]
 (2) = .702 [17.83]
 (3) = .180 [4.57]

E = .135 [3.43] Standard
 E₁ = Up to .250 [6.35] Modified to meet application requirements

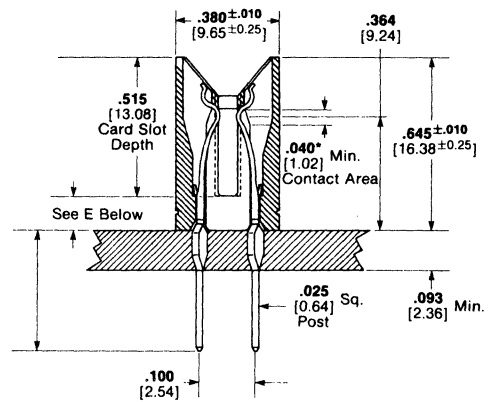
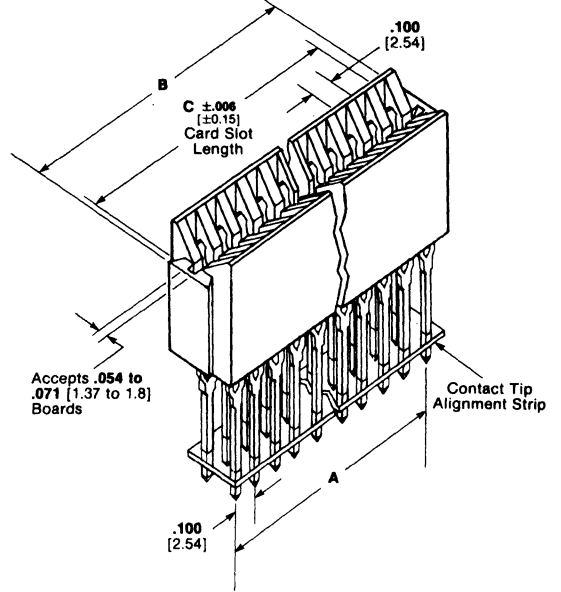
OUTLINE DRAWINGS

29R29

Standard Housing

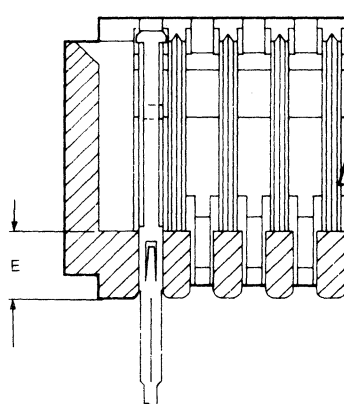


Housing With High Card Scoop



No. of Dual Positions	Dimensions			Post Length**
	A	B	C	
25	2.400	2.734	2.604	(1)
	60.96	69.44	66.14	(2)
				(3)
35	3.400	3.734	3.604	(1)
	86.36	94.84	91.54	(2)
				(3)
40	3.900	4.234	4.104	(1)
	99.06	107.54	104.24	(2)
				(3)
43	4.200	4.534	4.404	(1)
	106.88	115.16	111.86	(2)
				(3)
50	4.900	5.234	5.104	(1)
	124.46	132.94	129.64	(2)
				(3)
60	5.900	6.234	6.104	(1)
	149.86	158.34	155.04	(2)
				(3)

Post Length**
 (1) = .475 (12.07)
 (2) = .702 (17.83)
 (3) = .180 (4.57)

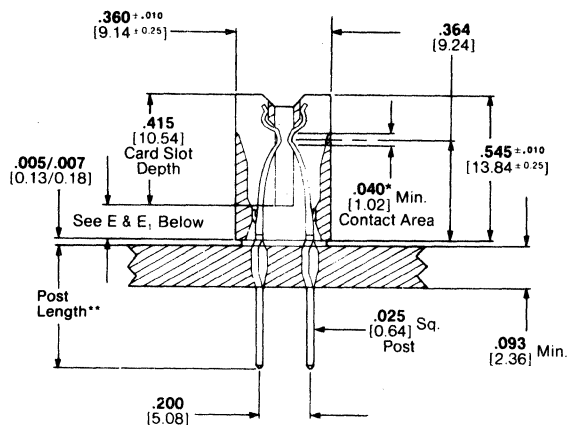
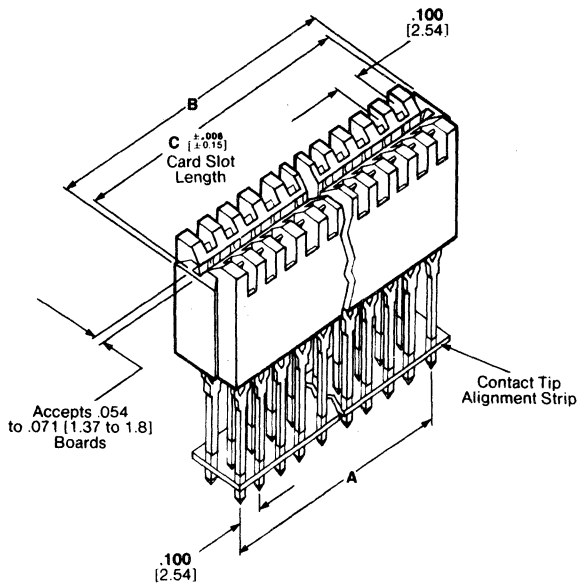


E = .135 [3.43] Standard

OUTLINE DRAWINGS

29R30

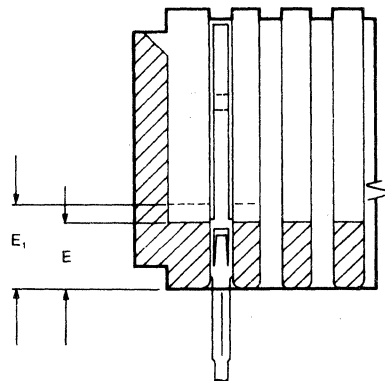
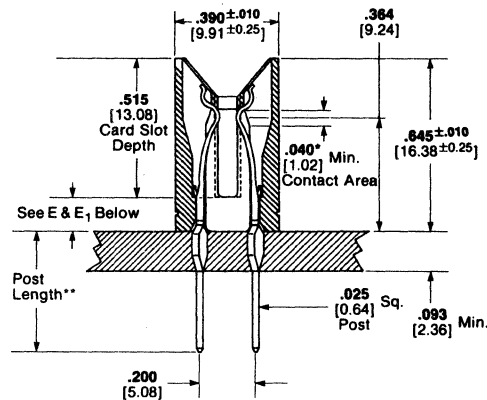
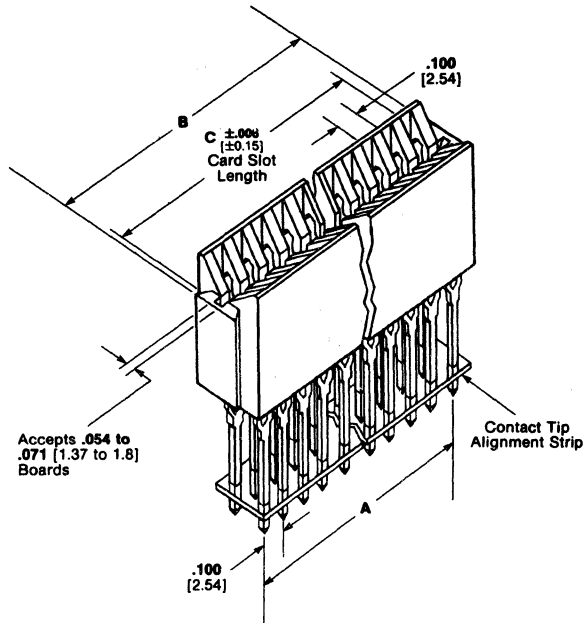
Standard Housing



No. of Dual Positions	Dimensions			Post Length**
	A	B	C	
22	2.100 53.34	2.434 61.82	2.304 58.52	(1) (2) (3)
25	2.400 60.96	2.734 69.44	2.604 66.14	(1) (2) (3)
28	2.700 68.58	3.034 77.06	2.904 73.76	(1) (2) (3)
30	2.900 73.66	3.234 82.14	3.104 78.84	(1) (2) (3)
36	3.500 88.90	3.834 97.38	3.704 94.08	(1) (2) (3)
40	3.900 99.06	4.234 107.54	4.104 104.24	(1) (2) (3)
43	4.200 106.68	4.534 115.16	4.404 111.86	(1) (2) (3)
50	4.900 124.46	5.234 132.94	5.104 129.64	(1) (2) (3)
55	5.400 137.16	5.734 145.64	5.604 142.34	(1) (2) (3)
60	5.900 149.86	6.234 158.34	6.104 155.04	(1) (2) (3)

Post Length **
 (1) = .475 (12.07)
 (2) = .702 (17.83)
 (3) = .180 (4.57)

Housing With High Card Scoop

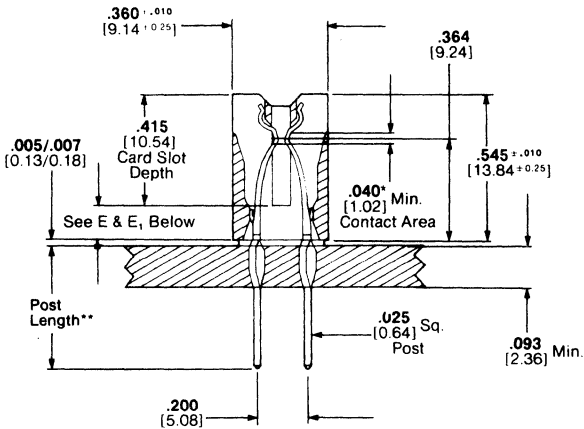
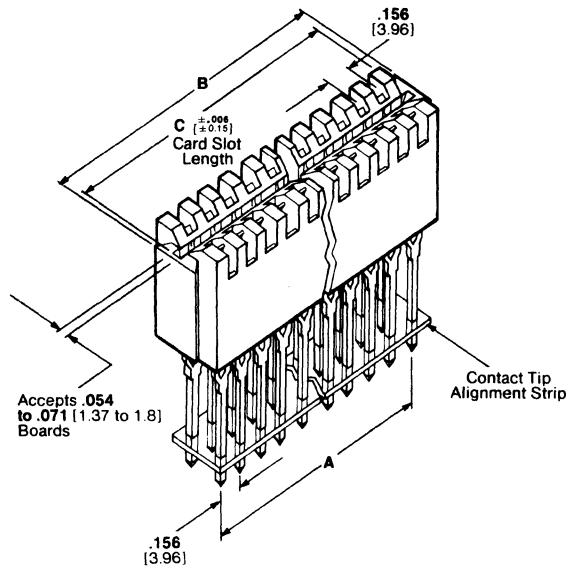


E = .135 [3.43] Standard
 E₁ = Up to .250 [6.35] Modified to meet application requirements

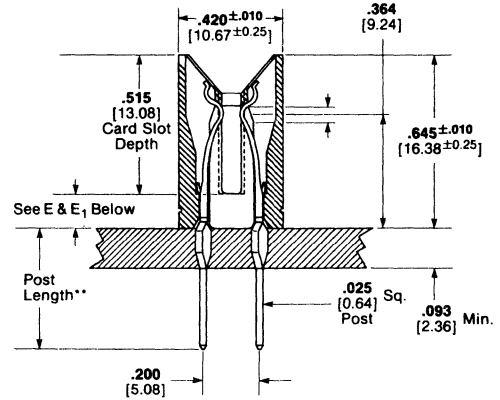
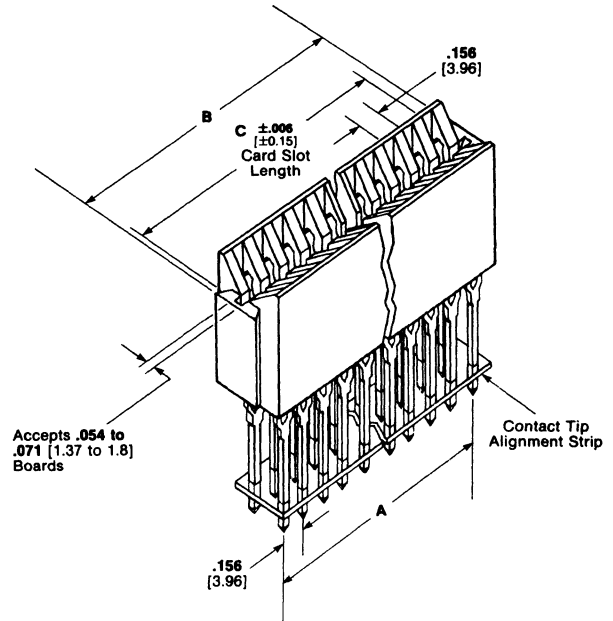
OUTLINE DRAWINGS

29R34

Standard Housing

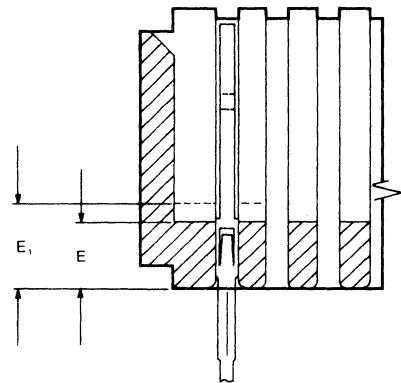


Housing With High Card Scoop



No. of Dual Positions	Dimensions			Post Length**
	A	B	C	
15	2.184	2.626	2.496	(1)
	55.47	66.70	63.39	(2)
22	3.276	3.718	3.588	(1)
	83.21	94.44	91.14	(2)
28	4.212	4.654	4.524	(1)
	106.98	118.21	114.90	(2)
36	5.460	5.902	5.772	(1)
	138.68	149.91	146.60	(2)
43	6.552	6.994	6.864	(1)
	166.47	177.64	174.34	(2)

Post Length**
 (1) = .475 [12.07]
 (2) = .702 [17.83]
 (3) = .180 [4.57]

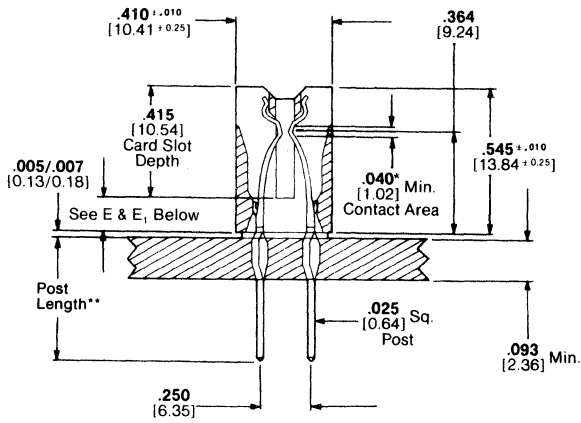
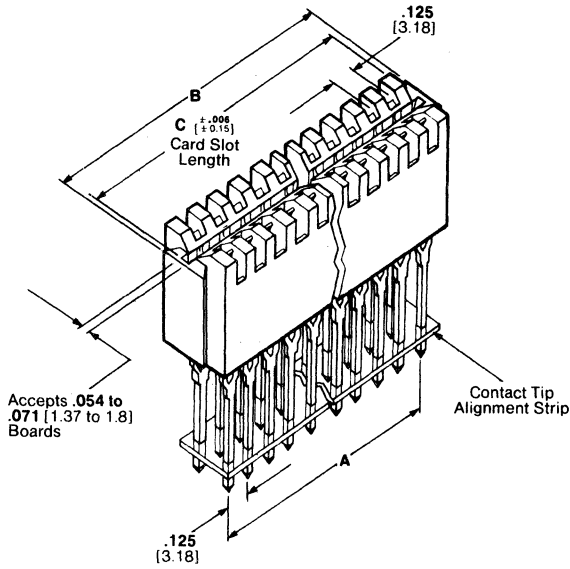


E = .135 [3.43] Standard
 E₁ = Up to .250 [6.35] Modified to meet application requirements

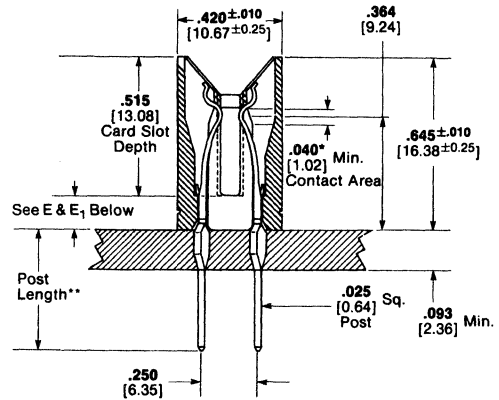
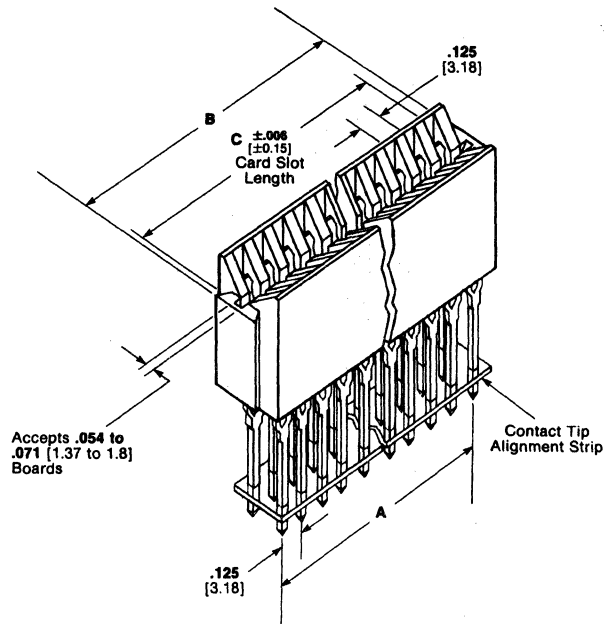
OUTLINE DRAWINGS

29R33

Standard Housing

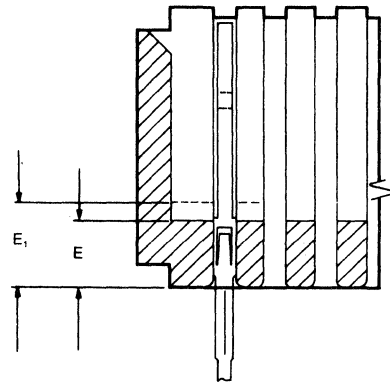


Housing With High Card Scoop



No. of Dual Positions	Dimensions			Post Length **
	A	B	C	
22	2.625 66.68	3.605 76.33	2.875 73.02	(1) (2) (3)
28	3.375 85.72	3.755 95.38	3.625 92.08	(1) (2) (3)
30	3.825 92.08	4.005 101.73	3.875 99.42	(1) (2) (3)
36	4.375	4.755	4.625	(1) (2) (3)
40	4.875 123.82	5.255 133.48	5.125 130.18	(1) (2) (3)
50	6.125 155.58	6.505 165.23	6.375 161.92	(1) (2) (3)
60	7.375 187.32	7.755 196.98	7.625 193.68	(1) (2) (3)

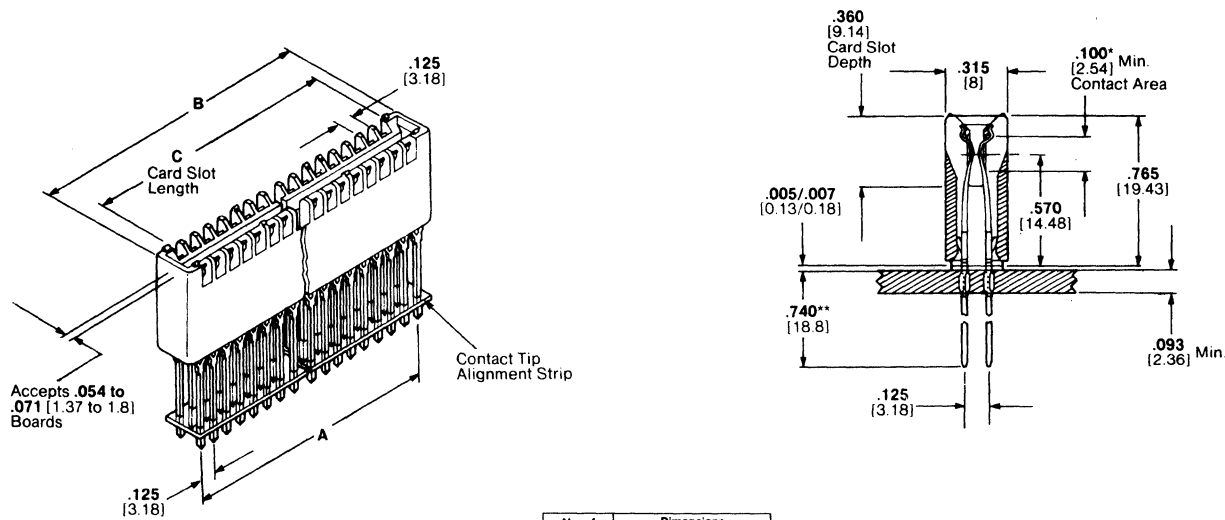
Post Length **
 (1) = .500 [12.67]
 (2) = .702 [17.83]
 (3) = .180 [4.57]



E = .135 [3.43] Standard
 E₁ = Up to .250 [6.35] Modified to meet application requirements

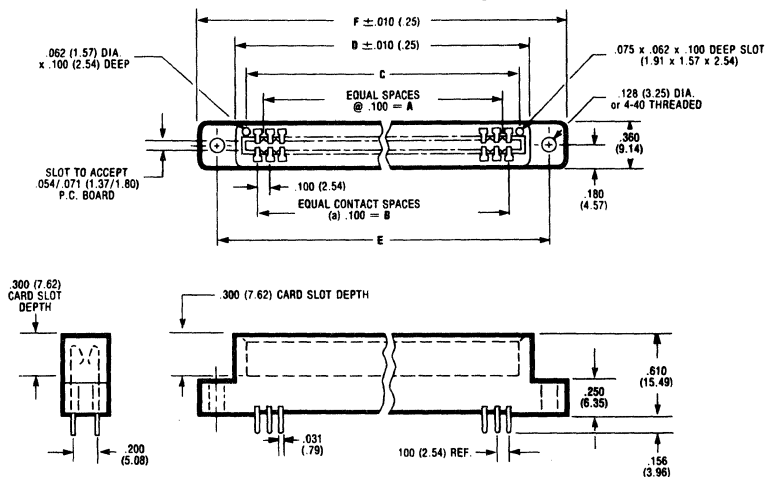
OUTLINE DRAWINGS

29R32



No. of Dual Positions	Dimensions		
	A	B	C
25	3.000 76.2	3.370 85.6	3.230 82.04
30	3.625 92.08	3.995 101.47	3.855 97.92
36	4.375 111.13	4.745 120.52	4.605 116.97
50	6.125 155.58	6.495 164.97	6.355 161.42

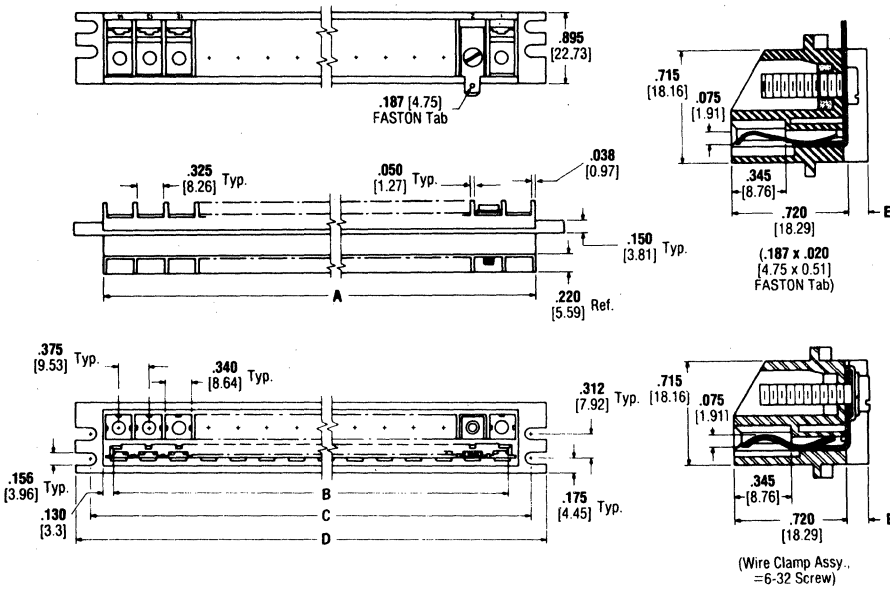
24R13



No. of Contacts	A		B		C		D		E		F	
	In.	MM	In.	MM	In.	MM	In.	MM	In.	MM	In.	MM
12/24	1.000	25.40	1.100	27.94	1.300	33.02	1.460	37.08	1.775	45.09	2.035	51.69
15/30	1.300	33.02	1.400	35.56	1.600	40.64	1.760	44.704	2.075	52.71	2.335	59.31
18/36	1.600	40.64	1.700	43.18	1.900	48.26	2.060	52.32	2.375	60.33	2.635	66.93
20/40	1.800	45.72	1.900	48.26	2.100	53.34	2.260	57.40	2.575	65.41	2.835	72.01
22/44	2.000	50.80	2.100	53.34	2.300	58.42	2.460	62.48	2.775	70.49	3.035	77.09
25/50	2.300	58.42	2.400	60.96	2.600	66.04	2.760	70.10	3.075	78.11	3.335	84.71
28/56	2.600	66.04	2.700	68.58	2.900	73.66	3.060	77.72	3.375	85.73	3.635	92.33
30/60	2.800	71.12	2.900	73.66	3.100	78.74	3.260	82.80	3.575	90.81	3.835	97.41
31/62	2.900	73.66	3.000	76.20	3.200	81.28	3.360	85.34	3.675	93.35	3.935	99.95
36/72	3.400	86.36	3.500	88.90	3.700	93.99	3.860	98.04	4.175	106.05	4.434	112.65
37/74	3.500	88.90	3.600	91.44	3.800	96.52	3.960	100.58	4.275	108.59	4.535	115.19
40/80	3.800	96.52	3.900	99.06	4.100	104.14	4.260	108.20	4.575	116.21	4.835	122.81
43/86	4.100	104.14	4.200	106.68	4.400	111.76	4.560	115.82	4.875	123.83	5.135	130.43
44/88	4.200	106.68	4.300	109.22	4.500	114.30	4.660	118.36	4.975	126.37	5.235	132.97
49/98	4.700	119.38	4.800	121.92	5.000	127.00	5.160	131.06	5.475	139.07	5.735	145.67
50/100	4.800	121.92	4.900	124.46	5.100	129.54	5.260	133.60	5.575	141.61	5.835	148.21
52/104	5.000	127.00	5.100	129.54	5.300	134.62	5.460	138.68	5.775	146.68	6.035	153.30
60/120	5.800	147.32	5.900	149.86	6.100	154.94	6.260	159.00	6.575	167.01	6.835	173.81
70/140	6.800	172.72	6.900	175.26	7.100	180.34	7.260	184.40	7.575	192.41	7.835	199.01

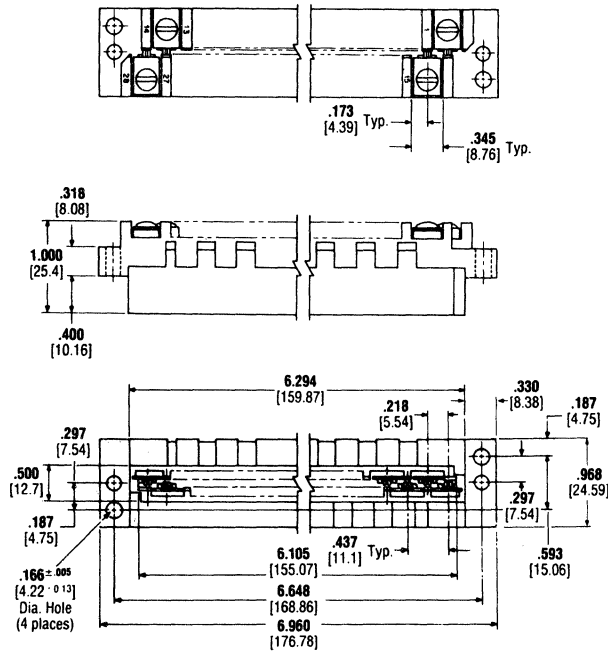
OUTLINE DRAWINGS

29R35



No. of Pos.	Termination Method	Dimensions				
		A	B	C	D	E
8	.187 [4.75] Tab	3.025	2.765	3.375	3.750	.155
	6-32 Screw	76.84	70.21	85.73	92.25	3.94
	.187 [4.75] Tab	3.025	2.765	3.375	3.750	.155
	6-32 Screw	76.84	70.21	85.73	92.25	3.94
	.187 [4.75] Tab	3.025	2.765	3.375	3.750	.155
	Wire Clamp Assy.	76.84	70.21	85.73	92.25	3.94
	Wire Clamp Assy.	3.025	2.765	3.375	3.750	.155
	6-32 Screw	76.84	70.21	85.73	92.25	3.94
	Wire Clamp	3.025	2.765	3.375	3.750	.155
	6-32 Screw	76.84	70.21	85.73	92.25	3.94
	6-32 Screw	3.775	3.515	4.125	4.500	.155
	95.89	89.28	104.78	114.3	3.94	
10	Wire Clamp Assy.	3.775	3.515	4.125	4.500	.155
	95.89	89.28	104.78	114.3	3.94	
	.187 [4.75] Tab	4.525	4.265	4.875	5.250	.465
	Wire Clamp Assy.	114.94	108.33	123.83	133.35	11.81
	.187 [4.75] Tab	4.525	4.265	4.875	5.250	.465
	Wire Clamp Assy.	114.94	108.33	123.83	133.35	11.81
12	Wire Clamp Assy.	4.525	4.265	4.875	5.250	.465
	114.94	108.33	123.83	133.35	11.81	
	.250 [6.35] Tab	4.525	4.265	4.875	5.250	.155
	6-32 Screw	114.94	108.33	123.83	133.35	3.94
	.187 [4.75] Tab	5.275	5.015	5.625	6.000	.155
	6-32 Screw	133.99	127.38	142.88	152.4	3.94
14	.187 [4.75] Tab	5.275	5.015	5.625	6.000	.155
	6-32 Screw	133.99	127.38	142.88	152.4	3.94
	.187 [4.75] Tab	5.275	5.015	5.625	6.000	.155
	6-32 Screw	133.99	127.38	142.88	152.4	3.94
	Wire Clamp Assy.	5.275	5.015	5.625	6.000	.155
	133.99	127.38	142.88	152.4	3.94	
16	6-32 Screw	5.275	5.015	5.625	6.000	.155
	133.99	127.38	142.88	152.4	3.94	
	.187 [4.75] Tab Bent 45°	5.275	5.015	5.625	6.000	.155
	6-32 Screw	133.99	127.38	142.88	152.4	3.94
	Wire Clamp Assy.	6.025	5.765	6.375	6.750	.155
	153.04	146.43	161.93	171.45	3.94	
18	Wire Clamp Assy.	6.025	5.765	6.375	6.750	.155
	153.04	146.43	161.93	171.45	3.94	
	6-32 Screw	6.025	5.765	6.375	6.750	.155
	153.04	146.43	161.93	171.45	3.94	
18	Wire Clamp Assy.	6.775	6.515	7.125	7.500	.155
		172.09	165.48	180.98	190.5	3.94

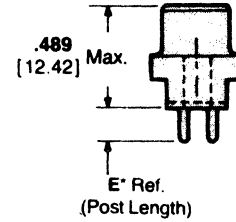
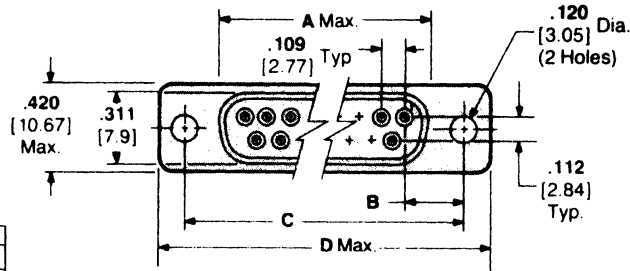
29R36



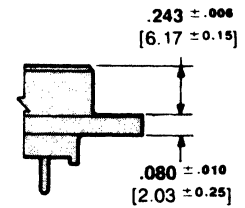
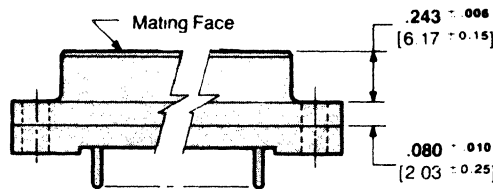
28 Position

OUTLINE DRAWINGS

29R40



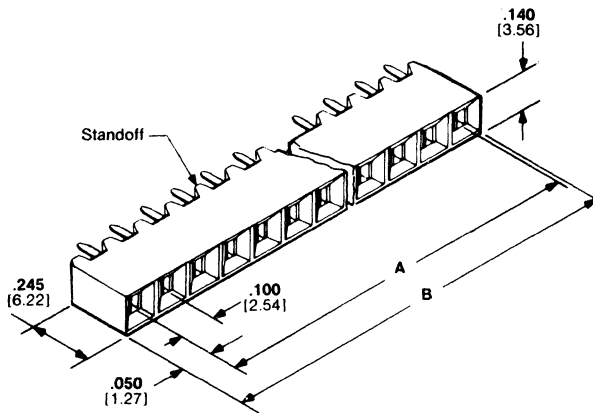
No. of Pos.	Dimensions	
	A	B
3	.200 5.08	.300 7.62
4	.300 7.62	.400 10.16
6	.500 12.7	.600 15.24
7	.800 15.24	.700 17.78
8	.700 17.78	.800 20.32
9	.800 20.32	.900 22.86
10	.900 22.86	1.000 25.4
11	1.000 25.4	1.100 27.94
12	1.100 27.94	1.200 30.48
13	1.200 30.48	1.300 33.02
14	1.300 33.02	1.400 35.56
15	1.400 35.56	1.500 38.1
16	1.500 38.1	1.600 40.64
17	1.600 40.64	1.700 43.18
18	1.700 43.18	1.800 45.72
19	1.800 45.72	1.900 48.26
20	1.900 48.26	2.000 50.8
40	3.900 99.06	4.000 101.6



*Post Length (E) equals:
 .125 [3.18]
 .170 [4.32]
 .250 [6.35]

Without Integral Standoff

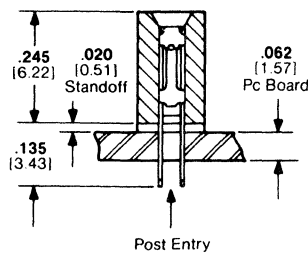
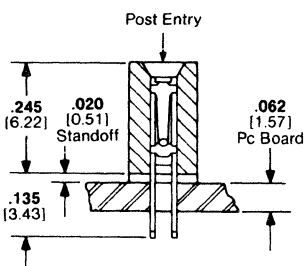
29R41



No. of Contact Pos. (Sheet Size)	Dimensions				
	A	B	C	D	E*
9 (1)	.648	.278	.984	1.228	.125
	16.46	7.01	24.99	31.19	.250
15 (2)	.976	.278	1.312	1.546	.125
	24.8	7.06	33.32	39.27	.250
25 (3)	1.514	.274	1.852	2.737	.125
	38.46	6.96	47.04	69.52	.250
37 (4)	2.162	.272	2.500	2.742	.125
	54.92	6.91	63.5	69.52	.250

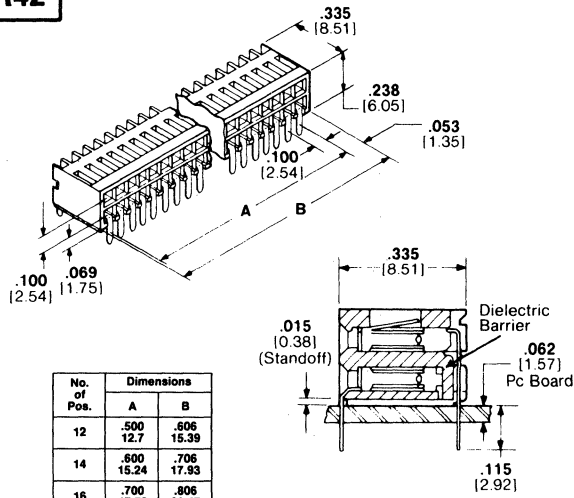
Top Entry

Bottom Entry



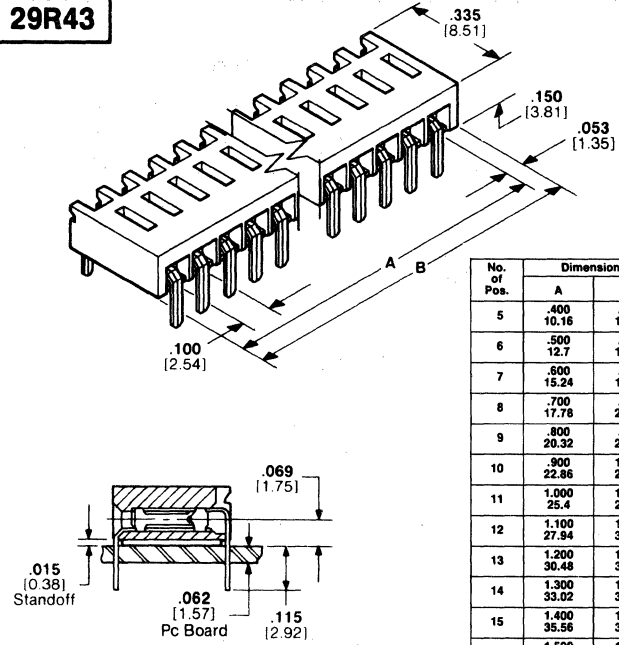
OUTLINE DRAWINGS

29R42



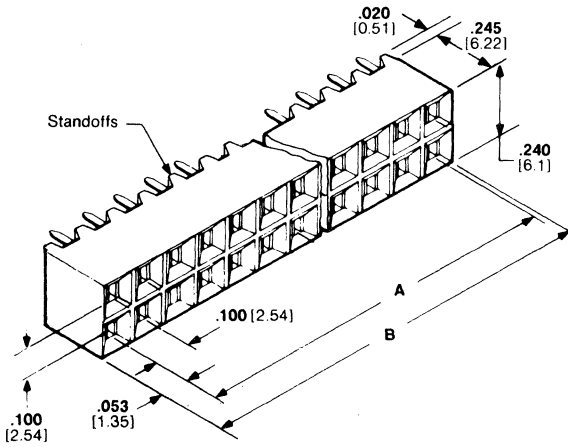
No. of Pos.	Dimensions	
	A	B
12	.500 12.7	.806 20.47
14	.600 15.24	.706 17.93
16	.700 17.78	.806 20.47
18	.800 20.32	.906 23.01
20	.900 22.86	1.006 25.55
24	1.100 27.94	1.206 30.63
26	1.200 30.48	1.306 33.17
34	1.600 40.64	1.706 43.33
40	1.900 48.26	2.006 50.95
60	2.900 73.66	3.006 76.35
80	3.900 99.06	4.006 101.75
100	4.900 124.46	5.006 127.15
130	6.400 162.56	6.506 165.25

29R43



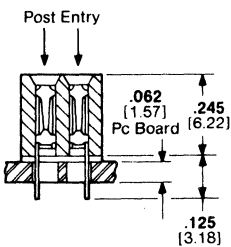
No. of Pos.	Dimensions	
	A	B
5	.400 10.16	.506 12.85
6	.500 12.7	.606 15.39
7	.600 15.24	.706 17.93
8	.700 17.78	.806 20.47
9	.800 20.32	.906 23.01
10	.900 22.86	1.006 25.55
11	1.000 25.4	1.106 28.09
12	1.100 27.94	1.206 30.63
13	1.200 30.48	1.306 33.17
14	1.300 33.02	1.406 35.71
15	1.400 35.56	1.506 38.25
16	1.500 38.1	1.606 40.79
17	1.600 40.64	1.706 43.33
18	1.700 43.18	1.806 45.87
19	1.800 45.72	1.906 48.41
20	1.900 48.26	2.006 50.95
40	3.900 99.06	4.006 101.75
50	4.900 124.46	5.006 127.15
60	5.900 148.96	6.006 152.55

29R44

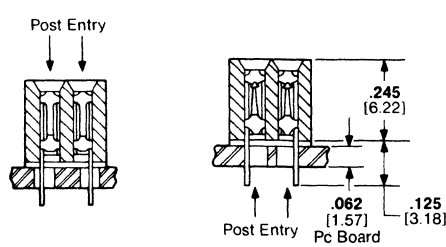


No. of Pos.	Dimensions	
	A	B
4	.100 2.54	.206 5.23
6	.200 5.08	.306 7.77
10	.400 10.16	.506 12.85
12	.500 12.7	.606 15.39
14	.600 15.24	.706 17.93
16	.700 17.78	.806 20.47
20	.900 22.86	1.006 25.55
22	1.000 25.4	1.106 28.09
24	1.100 27.94	1.206 30.63
26	1.200 30.48	1.306 33.17
28	1.300 33.02	1.406 35.71
30	1.400 35.56	1.506 38.25
34	1.600 40.64	1.706 43.33
40	1.900 48.26	2.006 50.95
50	2.400 60.96	2.506 63.65
60	2.900 73.66	3.006 76.35

Top Entry

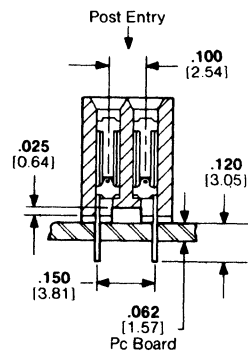
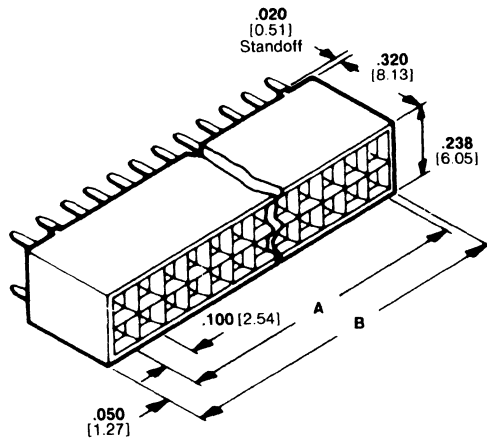


Bottom Entry



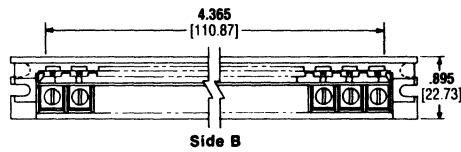
OUTLINE DRAWINGS

29R45

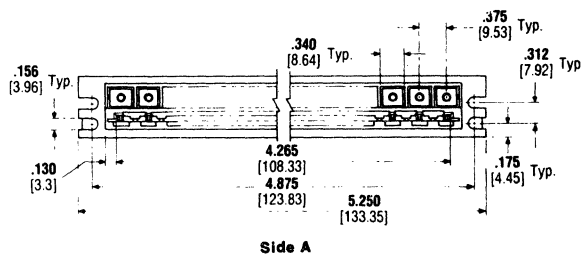
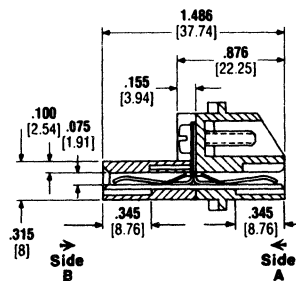
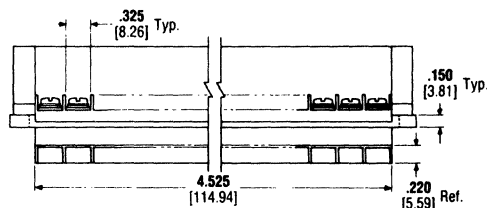


No. of Pos.	Dimensions	
	A	B
8	.300 7.62	.400 10.16
10	.400 10.16	.500 12.7
14	.600 15.24	.700 17.78
16	.700 17.78	.800 20.32
20	.900 22.86	1.000 25.4
24	1.100 27.94	1.200 30.48
26	1.200 30.48	1.300 33.02
28	1.300 33.02	1.400 35.66
30	1.400 35.56	1.500 38.1
34	1.600 40.64	1.700 43.18
38	1.800 45.72	1.900 48.26
40	1.900 48.26	2.000 50.8
42	2.000 50.8	2.100 53.34
44	2.100 53.34	2.200 55.88
48	2.300 58.42	2.400 60.96
50	2.400 60.96	2.500 63.5
52	2.600 66.04	2.600 66.04
60	2.900 73.66	3.000 76.2

29R37

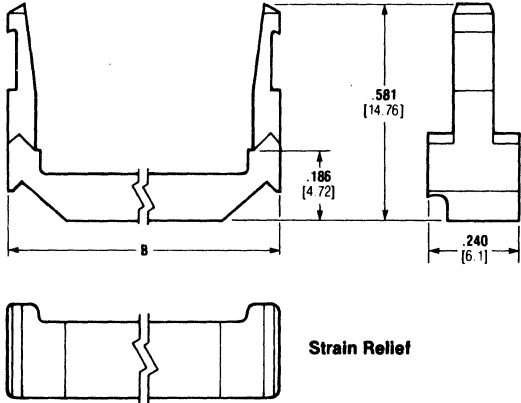


12 Position



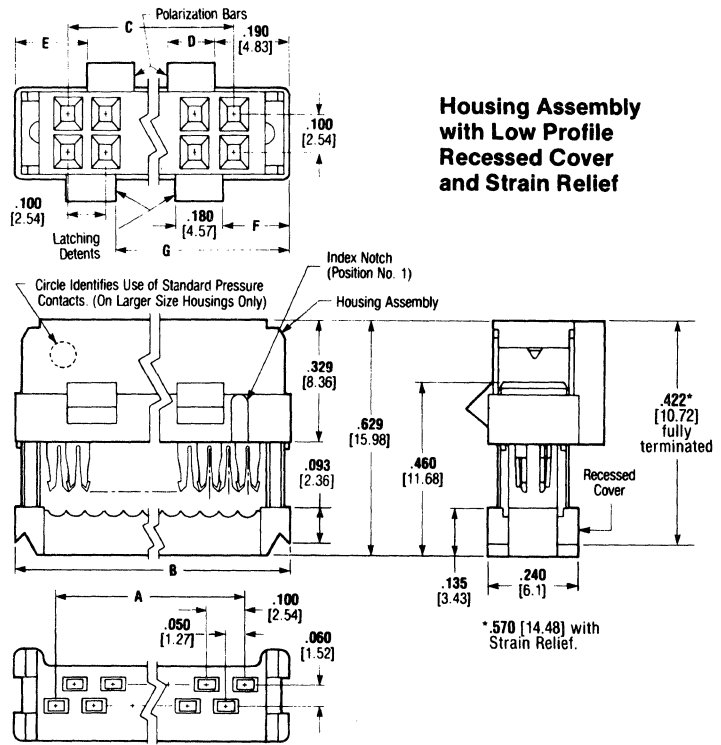
OUTLINE DRAWINGS

29R47

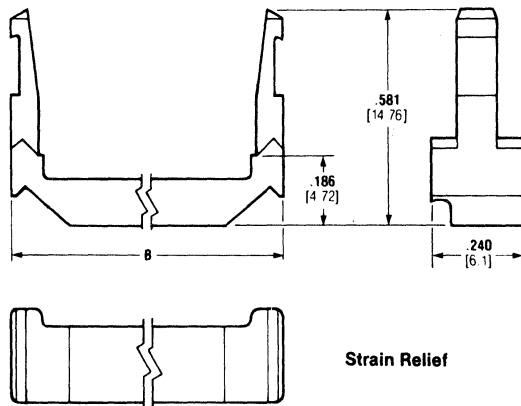


Strain Relief

No. of Pos.	Dimensions				
	A	B	C	D	E
10	.450 11.43	.680 17.27	.400 10.16	.140 3.56	-
14	.650 16.51	.880 22.35	.600 15.24	.140 3.56	.190 4.83
16	.750 19.05	.980 24.89	.700 17.78	.140 3.56	.190 4.83
20	.950 24.13	1.180 29.97	.900 22.86	.140 3.56	.190 4.83
24	1.150 29.21	1.380 35.05	1.100 27.94	.140 3.56	.190 4.83
26	1.250 31.75	1.480 37.59	1.200 30.48	.140 3.56	.190 4.83
30	1.450 36.83	1.680 42.67	1.400 35.56	.140 3.56	.190 4.83
34	1.650 41.91	1.880 47.75	1.600 40.64	.140 3.56	.190 4.83
40	1.950 49.53	2.180 55.37	1.900 48.26	.140 3.56	.190 4.83
50	2.450 62.23	2.680 68.07	2.400 60.96	.140 3.56	.190 4.83
60	2.950 74.93	3.180 80.77	2.900 73.66	.140 3.56	.190 4.83
64	3.150 80.01	3.380 85.85	3.100 78.74	.140 3.56	.190 4.83

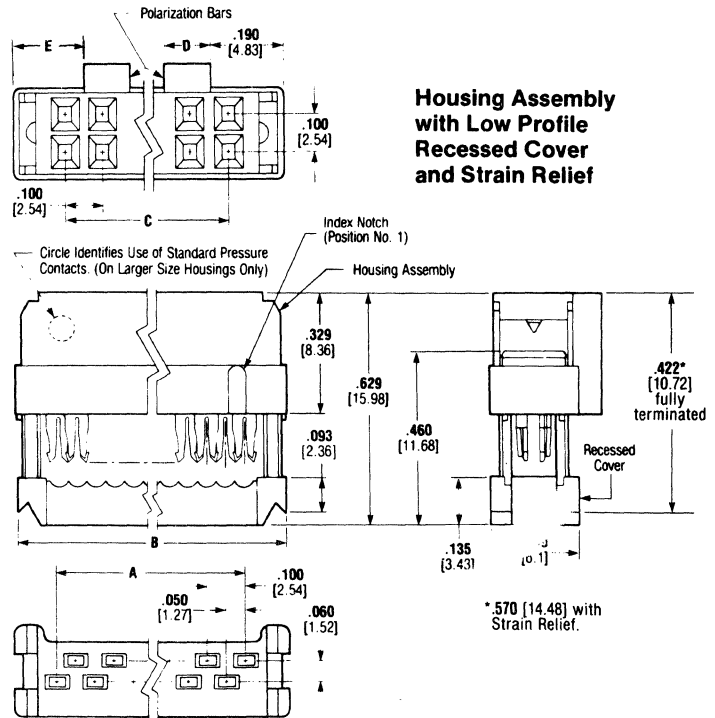


29R48



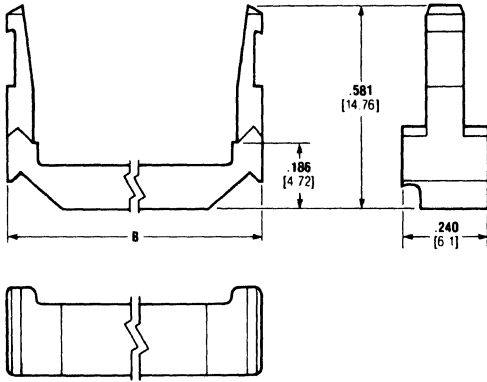
Strain Relief

No. of Pos.	Dimensions						
	A	B	C	D	E	F	G
10	.450 11.43	.680 17.27	.400 10.16	.140 3.56	-	.270 6.86	-
14	.650 16.51	.880 22.35	.600 15.24	.140 3.56	.190 4.83	.370 9.4	-
16	.750 19.05	.980 24.89	.700 17.78	.140 3.56	.190 4.83	.370 9.4	-
20	.950 24.13	1.180 29.97	.900 22.86	.140 3.56	.190 4.83	.170 4.32	.870 22.1
24	1.150 29.21	1.380 35.05	1.100 27.94	.140 3.56	.190 4.83	.170 4.32	1.070 27.18
26	1.250 31.75	1.480 37.59	1.200 30.48	.140 3.56	.190 4.83	.170 4.32	1.170 29.72
30	1.450 36.83	1.680 42.67	1.400 35.56	.140 3.56	.190 4.83	.170 4.32	1.370 34.8
34	1.650 41.91	1.880 47.75	1.600 40.64	.140 3.56	.190 4.83	.170 4.32	1.570 39.88
40	1.950 49.53	2.180 55.37	1.900 48.26	.140 3.56	.190 4.83	.170 4.32	1.870 47.5
50	2.450 62.23	2.680 68.07	2.400 60.96	.140 3.56	.190 4.83	.170 4.32	2.370 60.2
60	2.950 74.93	3.180 80.77	2.900 73.66	.140 3.56	.190 4.83	.170 4.32	2.870 72.9
64	3.150 80.01	3.380 85.85	3.100 78.74	.140 3.56	.190 4.83	.170 4.32	3.070 77.98



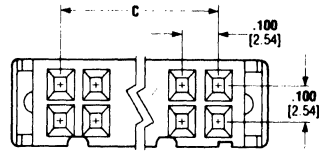
OUTLINE DRAWINGS

29R49

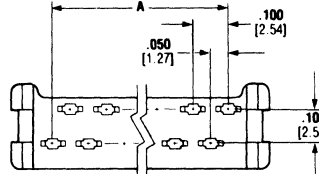
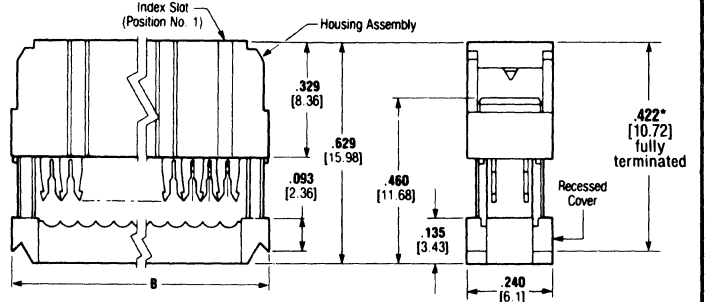


Strain Relief

No. of Pos.	Dimensions		
	A	B	C
10	.450 11.43	.680 17.27	.400 10.16
14	.650 16.51	.880 22.35	.600 15.24
16	.750 19.05	.980 24.89	.700 17.78
20	.950 24.13	1.180 29.97	.900 22.86
24	1.150 29.21	1.380 35.05	1.100 27.94
26	1.250 31.75	1.480 37.59	1.200 30.48
30	1.450 36.83	1.680 42.67	1.400 35.56
34	1.650 41.91	1.880 47.75	1.600 40.64
40	1.950 49.53	2.180 55.37	1.900 48.26
50	2.450 62.23	2.680 68.07	2.400 60.96
60	2.950 74.93	3.180 80.77	2.900 73.66
64	3.150 80.01	3.380 85.85	3.100 78.74



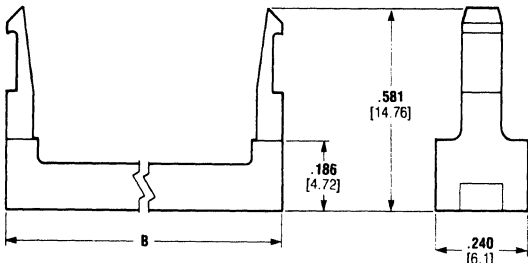
Housing Assembly with Low Profile Recessed Cover and Strain Relief



***.570 [14.48] with Strain Relief.**

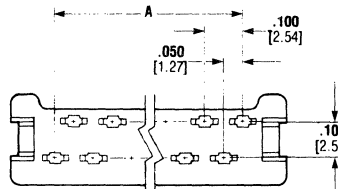
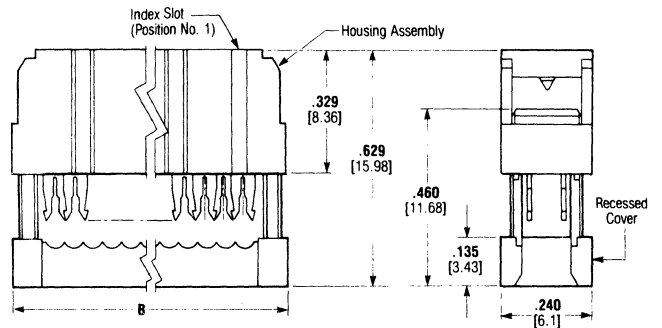
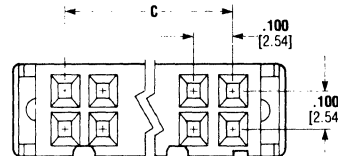
29R50

Contacts mate with .025 [0.64] sq. or round pins with .245 [6.22] max. and .195 [4.95] min. lengths.



Strain Relief

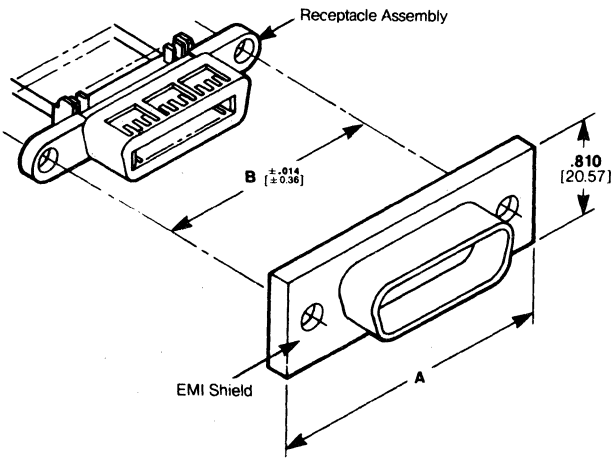
No. of Pos.	Dimensions		
	A	B	C
10	.450 11.43	.680 17.27	.400 10.16
14	.650 16.51	.880 22.35	.600 15.24
16	.750 19.05	.980 24.89	.700 17.78
20	.950 24.13	1.180 29.97	.900 22.86
24	1.150 29.21	1.380 35.05	1.100 27.94
26	1.250 31.75	1.480 37.59	1.200 30.48
30	1.450 36.83	1.680 42.67	1.400 35.56
34	1.650 41.91	1.880 47.75	1.600 40.64
40	1.950 49.53	2.180 55.37	1.900 48.26
50	2.450 62.23	2.680 68.07	2.400 60.96
60	2.950 74.93	3.180 80.77	2.900 73.66
64	3.150 80.01	3.380 85.85	3.100 78.74



Housing Assembly and Recessed Cover

OUTLINE DRAWINGS

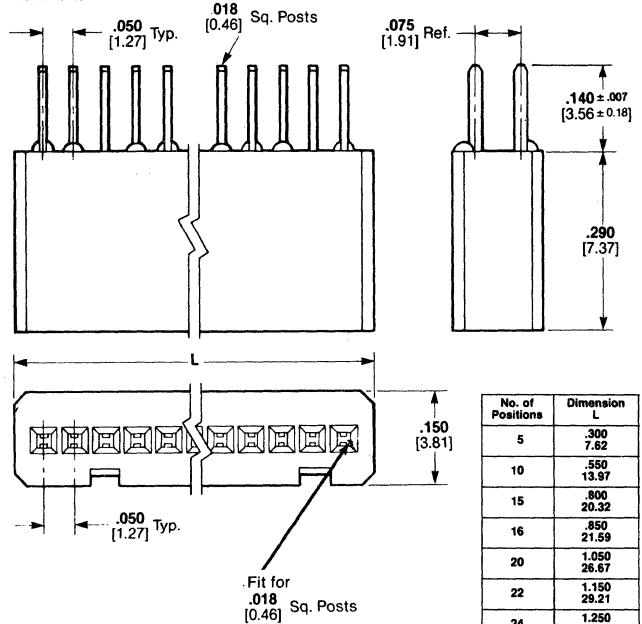
29R52



No. of Pos.	Dimensions	
	A	B
24	2.365 60.07	1.842 46.79
36	2.875 73.03	2.352 59.74
50	3.470 88.14	2.946 74.83

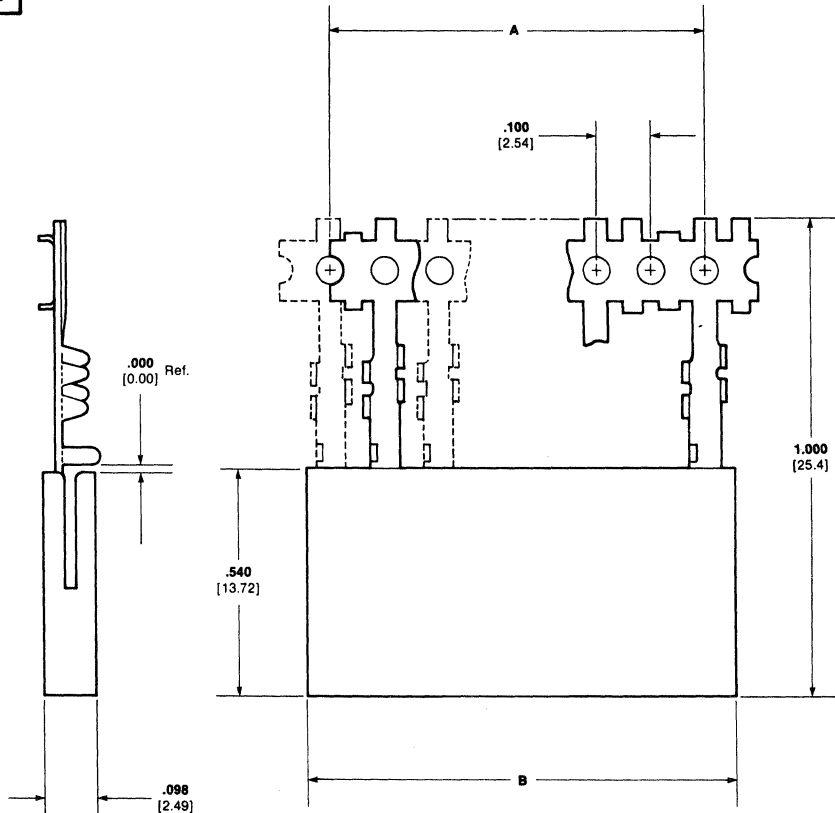
29R53

Note: Insertion depth of mating post to be .151 [3.84] min. to .212 [5.38] max.



No. of Positions	Dimension L	
	A	B
5	.300 7.62	
10	.550 13.97	
15	.800 20.32	
16	.850 21.59	
20	1.050 26.67	
22	1.150 29.21	
24	1.250 31.75	
25	1.300 33.02	
30	1.550 39.37	
35	1.800 45.72	
40	2.050 52.07	
45	2.300 58.42	
50	2.550 64.77	

29R56

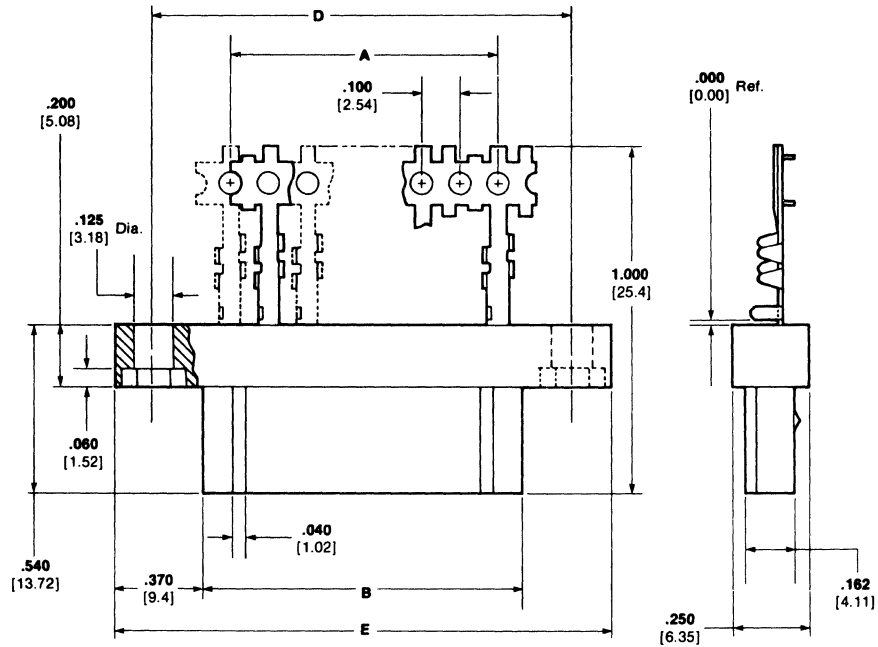


No. of Positions	Dimensions	
	A	B
7	.600 15.24	.694 17.63
9	.800 20.32	.894 22.71
12	1.100 27.94	1.194 30.33
14	1.300 33.02	1.394 35.41
16	1.500 38.1	1.594 40.49
18	1.700 43.18	1.794 45.57
20	1.900 48.26	1.994 50.65

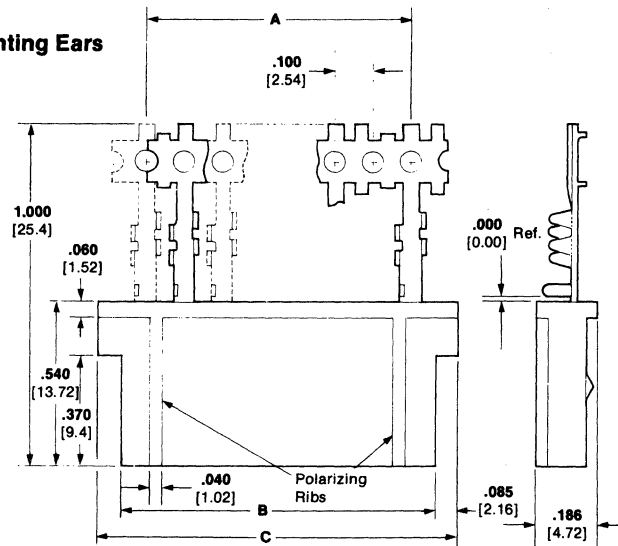
OUTLINE DRAWINGS

29R55

Housing With Mounting Ears



Housing Without Mounting Ears

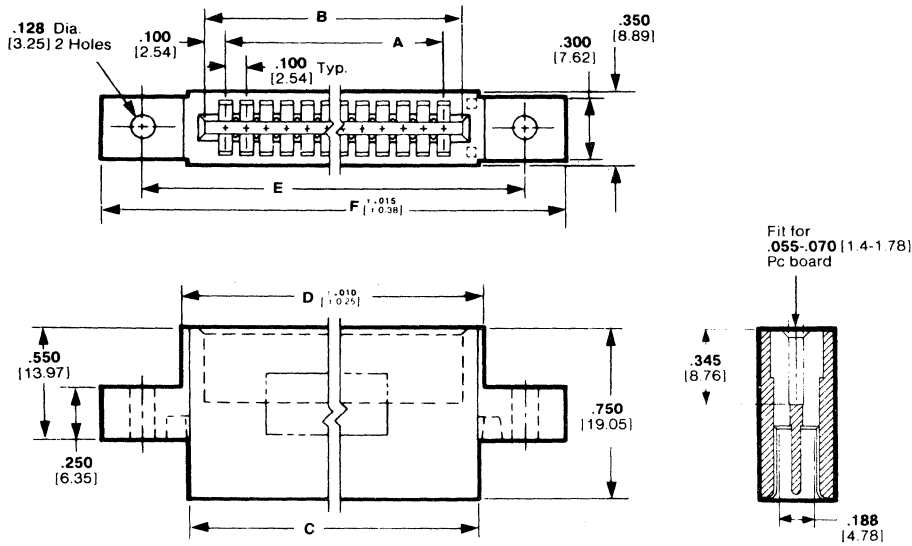


No. of Positions	Dimensions				
	A	B*	C	D	E
7	.600 15.24	.720 18.29	.890 22.61	1.210 30.73	1.480 37.08
9	.800 20.32	.920 23.37	1.090 27.69	1.410 35.81	1.660 42.16
12	1.100 27.94	1.220 30.99	1.390 35.31	1.710 43.43	1.980 49.78
14	1.300 33.02	1.420 36.07	1.590 40.39	1.910 48.51	2.160 54.96
16	1.500 38.1	1.620 41.15	1.790 45.47	2.210 56.13	2.460 62.48
18	1.700 43.18	1.820 46.23	1.990 50.55	2.410 61.21	2.660 67.56
20	1.900 48.26	2.020 51.31	2.190 55.63	2.610 66.29	2.860 72.64

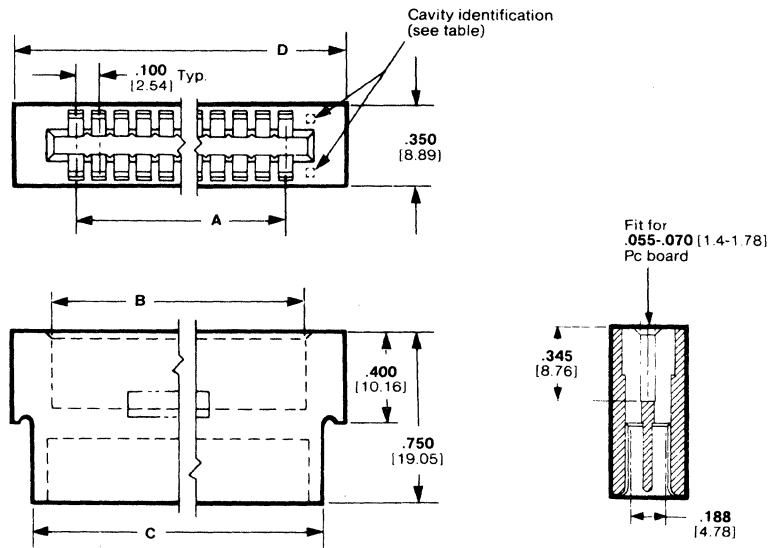
OUTLINE DRAWINGS

29R54

With Mounting Ears



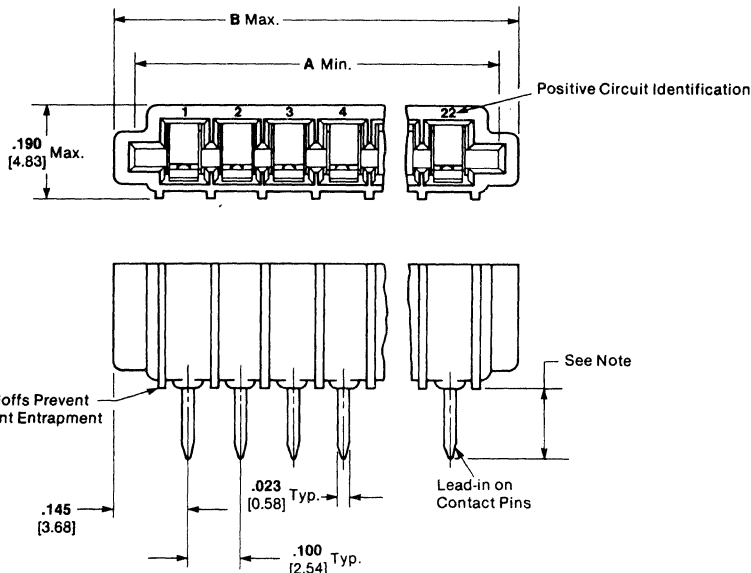
Without Mounting Ears



No. of Dual Positions	Dimensions					
	A	B*	C	D	E	F
10	.900	1.100	1.254	1.300	1.700	2.100
	22.86	27.94	31.85	33.02	43.18	53.34
				1.434	-	-
15	1.400	1.800	1.754	1.800	2.200	2.600
	35.56	40.64	44.55	45.72	55.88	66.04
				1.934	-	-
20	1.900	2.100	2.254	2.300	2.700	3.100
	48.26	53.34	57.25	58.42	68.58	78.74
				2.434	-	-
			61.82			

OUTLINE DRAWINGS

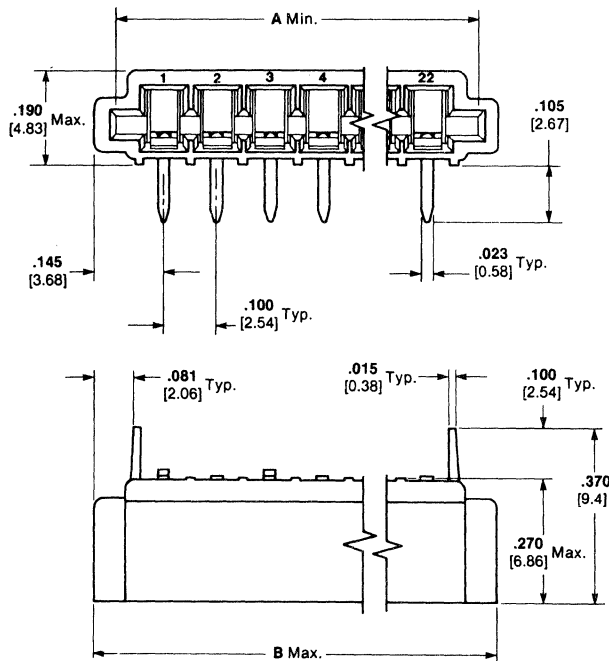
29R59



Note: .153 [3.89] for .093 [2.36] thk. pc board and .117 [2.97] for .062 [1.57] thk. pc board.

No. of Pos.	Dimensions	
	A	B
2	.306	.393
	7.77	9.98
3	.406	.493
	10.31	12.52
4	.506	.593
	12.85	15.06
5	.606	.693
	15.39	17.6
6	.706	.793
	17.93	20.14
7	.806	.893
	20.47	22.68
8	.906	.993
	23.01	25.22
9	1.006	1.093
	25.55	27.76
10	1.106	1.193
	28.09	30.3
11	1.206	1.293
	30.63	32.84
12	1.306	1.393
	33.17	35.38
13	1.406	1.493
	35.71	37.92
14	1.506	1.593
	38.25	40.46
15	1.606	1.693
	40.79	43
16	1.706	1.793
	43.33	45.54
17	1.806	1.893
	45.87	48.08
18	1.906	1.993
	48.41	50.62
19	2.006	2.093
	50.95	53.16
20	2.106	2.193
	53.49	55.7
21	2.206	2.293
	56.03	58.24
22	2.306	2.393
	58.57	60.78

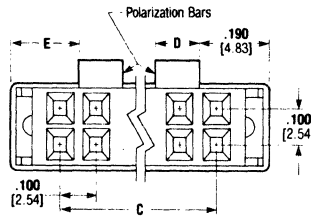
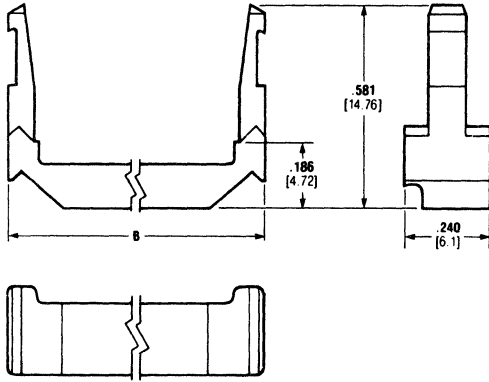
29R60



No. of Pos.	Dimensions	
	A	B
2	.306	.393
	7.77	9.98
3	.406	.493
	10.31	12.52
4	.506	.593
	12.85	15.06
5	.606	.693
	15.39	17.6
6	.706	.793
	17.93	20.14
7	.806	.893
	20.47	22.68
8	.906	.993
	23.01	25.22
9	1.006	1.093
	25.55	27.76
10	1.106	1.193
	28.09	30.3
11	1.206	1.293
	30.63	32.84
12	1.306	1.393
	33.17	35.38
13	1.406	1.493
	35.71	37.92
14	1.506	1.593
	38.25	40.46
15	1.606	1.693
	40.79	43
16	1.706	1.793
	43.33	45.54
17	1.806	1.893
	45.87	48.08
18	1.906	1.993
	48.41	50.62
19	2.006	2.093
	50.95	53.16
20	2.106	2.193
	53.49	55.7
21	2.206	2.293
	56.03	58.24
22	2.306	2.393
	58.57	60.78

OUTLINE DRAWINGS

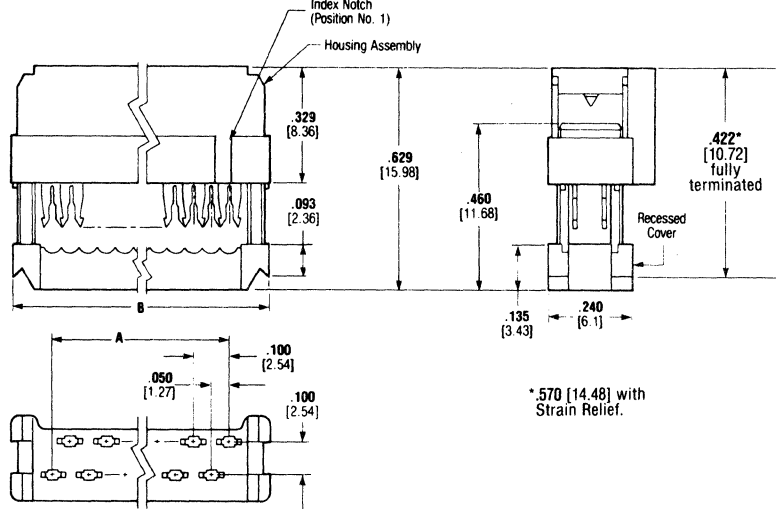
29R61



Housing Assembly with Low Profile Recessed Cover and Strain Relief

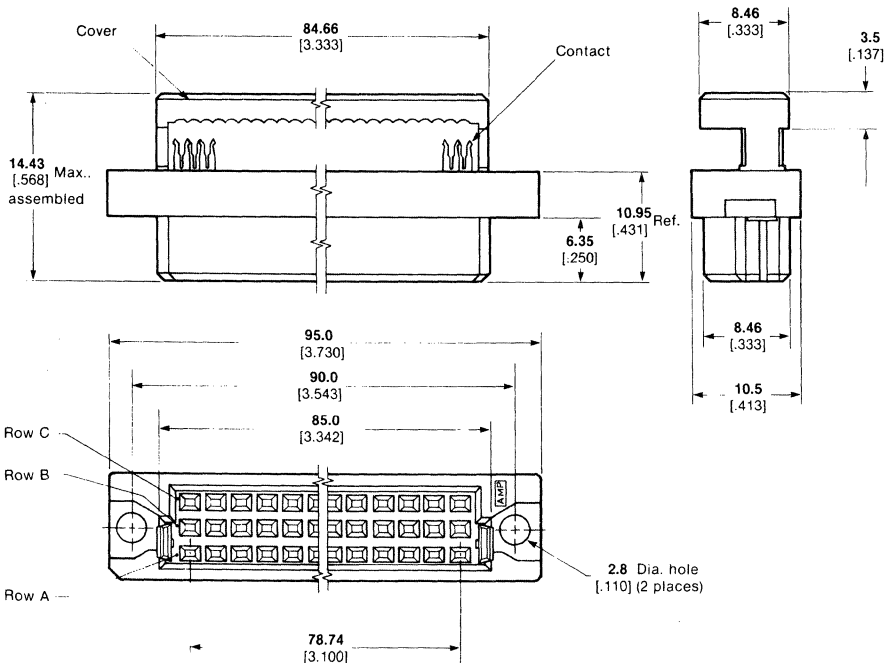
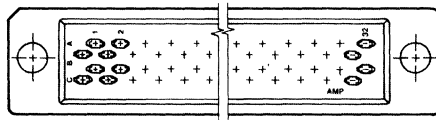
Strain Relief

No. of Pos.	Dimensions				
	A	B	C	D	E
10	.450 11.43	.680 17.27	.400 10.16	.140 3.56	.190 4.83
14	.650 16.51	.880 22.35	.600 15.24	.140 3.56	.190 4.83
16	.750 19.05	.980 24.89	.700 17.78	.140 3.56	.190 4.83
20	.950 24.13	1.180 29.97	.900 22.86	.140 3.56	.190 4.83
24	1.150 29.21	1.380 35.05	1.100 27.94	.140 3.56	.190 4.83
26	1.250 31.75	1.480 37.59	1.200 30.48	.140 3.56	.190 4.83
30	1.450 36.83	1.680 42.67	1.400 35.56	.140 3.56	.190 4.83
34	1.650 41.91	1.880 47.75	1.600 40.64	.140 3.56	.190 4.83
40	1.950 49.53	2.180 55.37	1.900 48.26	.140 3.56	.190 4.83
50	2.450 62.23	2.680 68.07	2.400 60.96	.140 3.56	.190 4.83
60	2.950 74.93	3.180 80.77	2.900 73.66	.140 3.56	.190 4.83
64	3.150 80.01	3.380 85.85	3.100 78.74	.140 3.56	.190 4.83



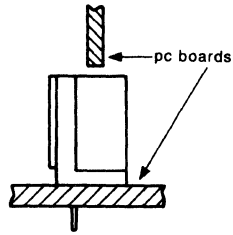
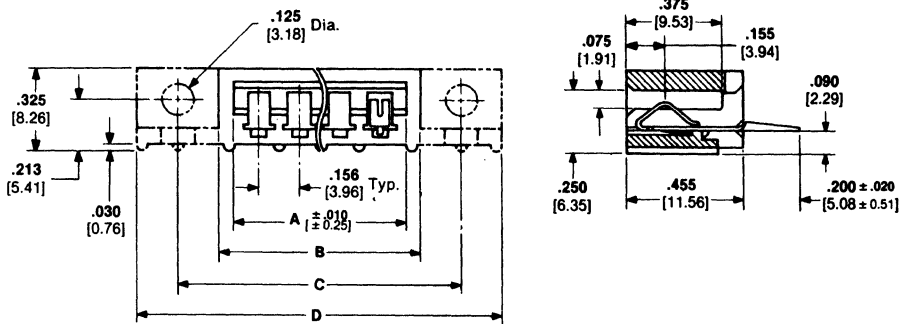
*.570 [14.48] with Strain Relief.

29R62



OUTLINE DRAWINGS

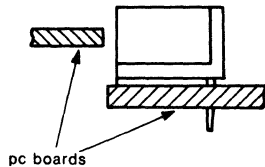
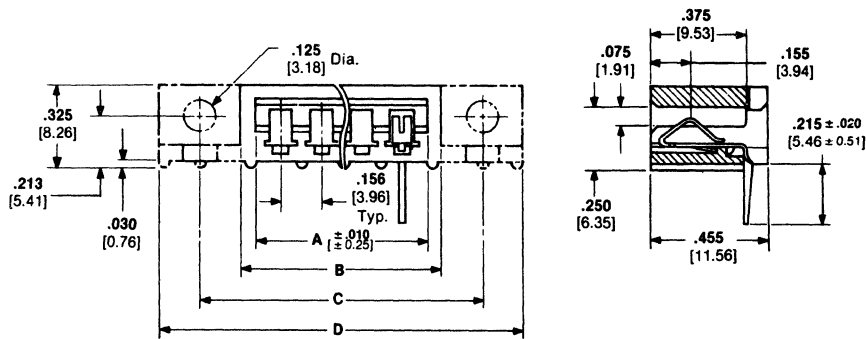
29R63



Style A Mounting

No. of Circuits.	Dimensions			
	A	B	C	D
6	.969 24.61	1.077 27.36	1.389 35.28	1.701 43.21
7	1.125 28.58	1.233 31.32	1.545 39.24	1.857 47.17
8	1.281 32.54	1.389 35.28	1.701 43.21	2.013 51.13
9	1.438 36.53	1.546 39.27	1.858 47.19	2.170 55.12
10	1.594 40.49	1.702 43.23	2.014 51.16	2.326 59.08
11	1.750 44.45	1.858 47.19	2.170 55.12	2.482 63.04
12	1.906 48.41	2.014 51.16	2.326 59.08	2.638 67.01
14	2.219 56.36	2.327 59.11	2.639 67.03	2.951 74.96
15	2.375 60.33	2.483 63.07	2.795 70.99	3.107 78.91
17	2.688 68.28	2.796 71.02	3.108 78.94	3.420 86.87
18	2.844 72.24	2.952 74.98	3.264 82.91	3.576 90.83
20	3.156 80.16	3.264 82.90	3.576 90.83	3.888 98.76
22	3.469 88.11	3.577 90.86	3.889 98.78	4.201 106.71
23	3.625 92.08	3.733 94.82	4.045 102.74	4.357 110.67
24	3.781 96.04	3.889 98.78	4.201 106.71	4.513 114.63

29R64

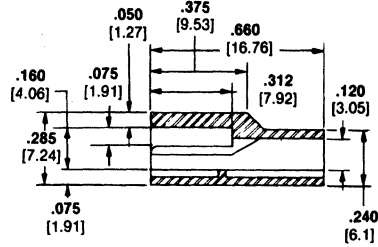
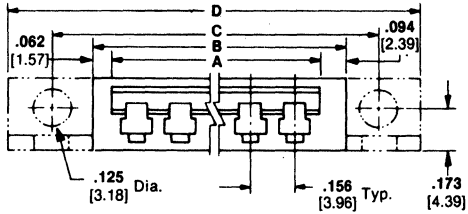


Style B Mounting

No. of Circuits.	Dimensions			
	A	B	C	D
6	.969 24.61	1.077 27.36	1.389 35.28	1.701 43.21
7	1.125 28.58	1.233 31.32	1.545 39.24	1.857 47.17
8	1.281 32.54	1.389 35.28	1.701 43.21	2.013 51.13
9	1.438 36.53	1.546 39.27	1.858 47.19	2.170 55.12
10	1.594 40.49	1.702 43.23	2.014 51.16	2.326 59.08
11	1.750 44.45	1.858 47.19	2.170 55.12	2.482 63.04
12	1.906 48.41	2.014 51.16	2.326 59.08	2.638 67.01
14	2.219 56.36	2.327 59.11	2.639 67.03	2.951 74.96
15	2.375 60.33	2.483 63.07	2.795 70.99	3.107 78.91
17	2.688 68.28	2.796 71.02	3.108 78.94	3.420 86.87
18	2.844 72.24	2.952 74.98	3.264 82.91	3.576 90.83
20	3.156 80.16	3.264 82.90	3.576 90.83	3.888 98.76
22	3.469 88.11	3.577 90.86	3.889 98.78	4.201 106.71
23	3.625 92.08	3.733 94.82	4.045 102.74	4.357 110.67
24	3.781 96.04	3.889 98.78	4.201 106.71	4.513 114.63

OUTLINE DRAWINGS

29R65



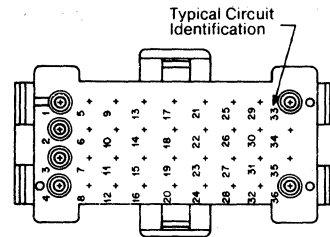
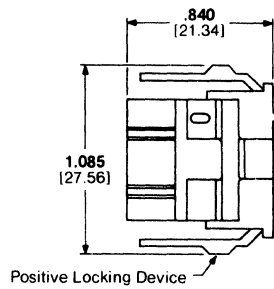
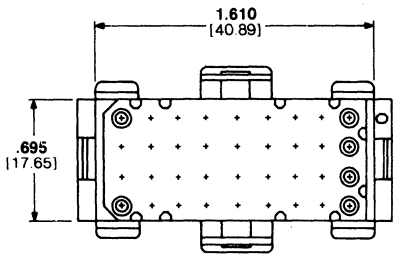
No. of Circuits	Dimensions			
	A	B	C	D
2	.344 8.74	.500 12.7	.766 19.46	1.078 27.38
3	.500 12.7	.656 16.66	.922 23.42	1.234 31.34
4	.656 16.66	.812 20.82	1.078 27.38	1.390 35.31
5	.813 20.85	.969 24.61	1.235 31.37	1.547 39.29
6	.969 24.61	1.125 28.58	1.391 35.33	1.703 43.26
7	1.125 28.58	1.281 32.54	1.547 39.29	1.859 47.22
8	1.281 32.54	1.437 36.5	1.703 43.26	2.015 51.18
9	1.438 36.53	1.594 40.49	1.860 47.24	2.172 55.17
10	1.594 40.49	1.750 44.45	2.016 51.21	2.328 59.13
11	1.750 44.45	1.906 48.41	2.172 55.17	2.484 63.09
12	1.906 48.41	2.062 52.37	2.328 59.13	2.640 67.06
14	2.219 56.36	2.375 60.33	2.641 67.08	2.953 75.01
15	2.375 60.33	2.531 64.29	2.797 71.04	3.109 78.97
16	2.531 64.29	2.687 68.25	2.953 75.01	3.265 82.93
18	2.844 72.24	3.000 76.2	3.266 82.96	3.578 90.88
20	3.156 80.16	3.312 84.12	3.578 90.88	3.890 98.81
22	3.469 88.11	3.625 92.08	3.891 98.83	4.203 106.76
23	3.625 92.08	3.781 96.04	4.047 102.79	4.359 110.72
24	3.781 96.04	3.937 100	4.203 106.76	4.515 114.68

29R66

Color: Standard black
Material: 94V-2 nylon
Part No.: 1-350356-9

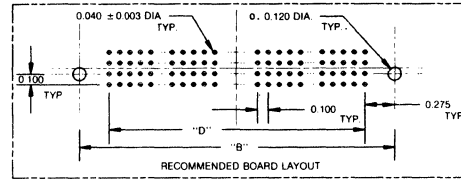
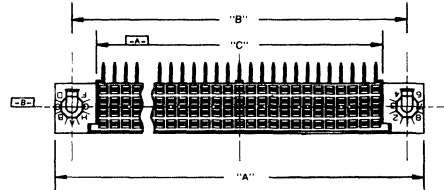
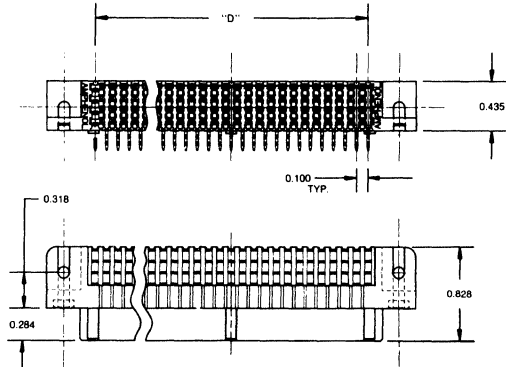
Color: Brick red
Material: 94V-0 flame-retardant nylon
Part No.: 1-640526-0

36 CIRCUIT HOUSING



OUTLINE DRAWINGS

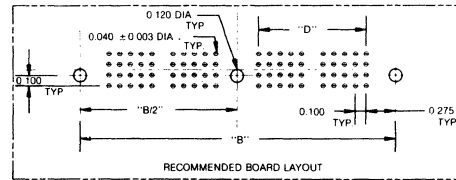
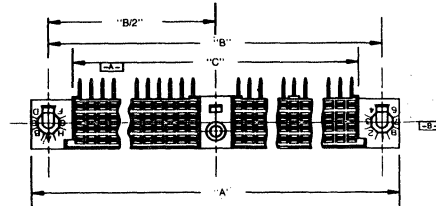
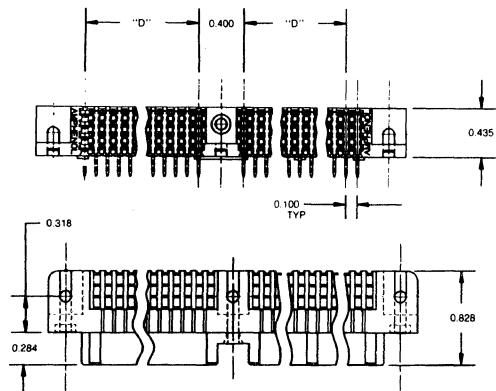
29R67



No. of Contacts	A	B	C	D
100	3.250	2.950	2.524	2.400
128	3.950	3.650	3.224	3.100
160	4.750	4.450	4.024	3.900
180	5.250	4.950	4.524	4.400

No. of Contacts	A	B	C	D
200	5.750	5.450	5.024	4.900
240	6.750	6.450	6.024	5.900
300	8.250	7.950	7.524	7.400

Receptacles • 320-488 positions

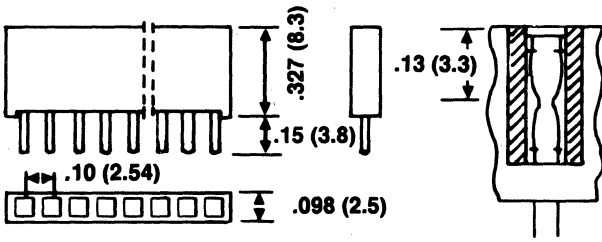


No. of Contacts	A	B	C	D
320	9.050	8.750	8.324	3.900
344	9.650	9.350	8.924	4.200
368	10.250	9.950	9.524	4.500
392	10.850	10.550	10.124	4.800

No. of Contacts	A	B	C	D
416	11.450	11.150	10.724	5.100
440	12.050	11.750	11.324	5.400
464	12.650	12.350	11.924	5.700
488	13.250	12.950	12.524	6.000

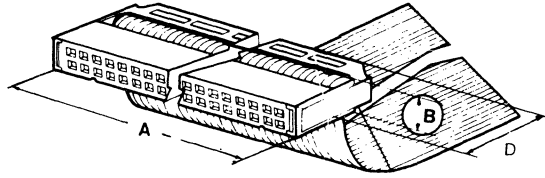
OUTLINE DRAWINGS

31R5

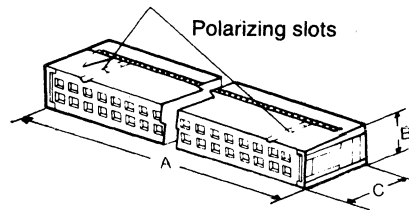


31R1

With strain relief



Without strain relief

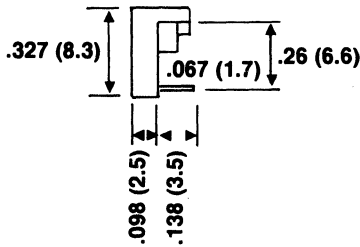
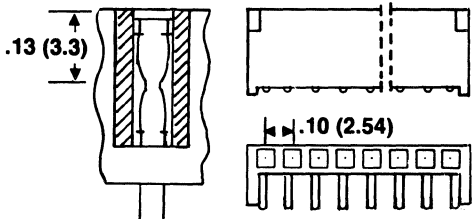


DIMENSIONS

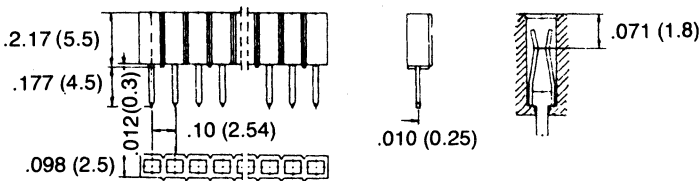
No. of Pins	A	B	C	D
10	0.68 (17.3)	0.24 (6.1)	0.42 (10.7)	0.66 (16.8)
14	0.88 (22.4)	0.24 (6.1)	0.42 (10.7)	0.66 (16.8)
16	0.98 (24.9)	0.24 (6.1)	0.42 (10.7)	0.66 (16.8)
20	1.18 (30.0)	0.24 (6.1)	0.42 (10.7)	0.66 (16.8)
26	1.48 (37.6)	0.24 (6.1)	0.42 (10.7)	0.66 (16.8)
34	1.88 (47.8)	0.24 (6.1)	0.42 (10.7)	0.66 (16.8)
40	2.18 (55.4)	0.24 (6.1)	0.42 (10.7)	0.66 (16.8)
50	2.68 (68.1)	0.24 (6.1)	0.42 (10.7)	0.66 (16.8)
60	3.18 (80.8)	0.24 (6.1)	0.42 (10.7)	0.66 (16.8)

All dimensions are inches (mm in parentheses).

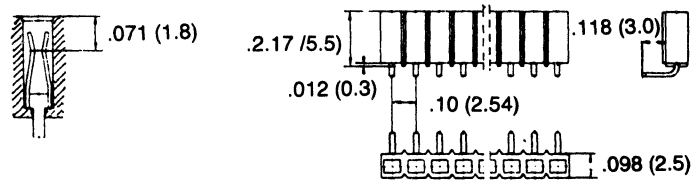
31R6



31R3

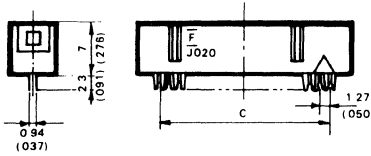
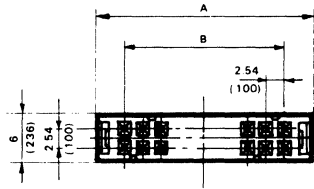


31R4



OUTLINE DRAWINGS

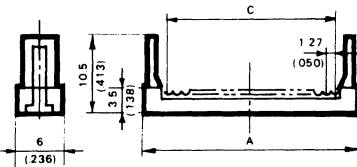
34R2



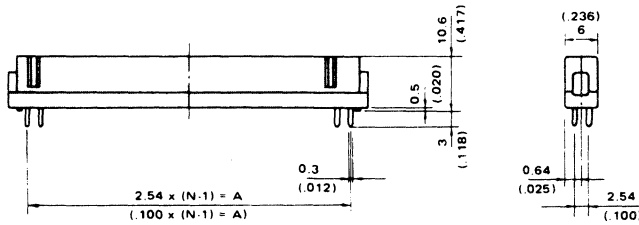
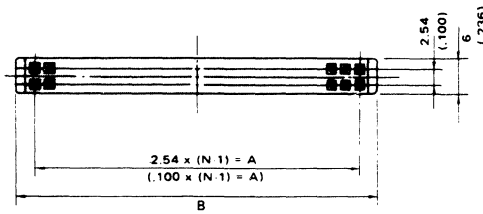
Unit: mm (inch)

No. of Contacts	A	B	C
10	17.27 (.680)	10.16 (.400)	11.43 (.450)
14	22.35 (.880)	15.24 (.600)	16.51 (.650)
16	24.89 (.980)	17.78 (.700)	19.05 (.750)
20	29.97 (1.180)	22.86 (.900)	24.13 (.950)
26	37.59 (1.480)	30.48 (1.200)	31.75 (1.250)
30	42.67 (1.680)	35.56 (1.400)	36.83 (1.450)
34	47.75 (1.880)	40.64 (1.600)	41.91 (1.650)
40	55.37 (2.180)	48.26 (1.900)	49.53 (1.950)
50	68.07 (2.680)	60.96 (2.400)	62.23 (2.450)
60	80.77 (3.180)	73.66 (2.900)	74.93 (2.950)

COVER



34R3

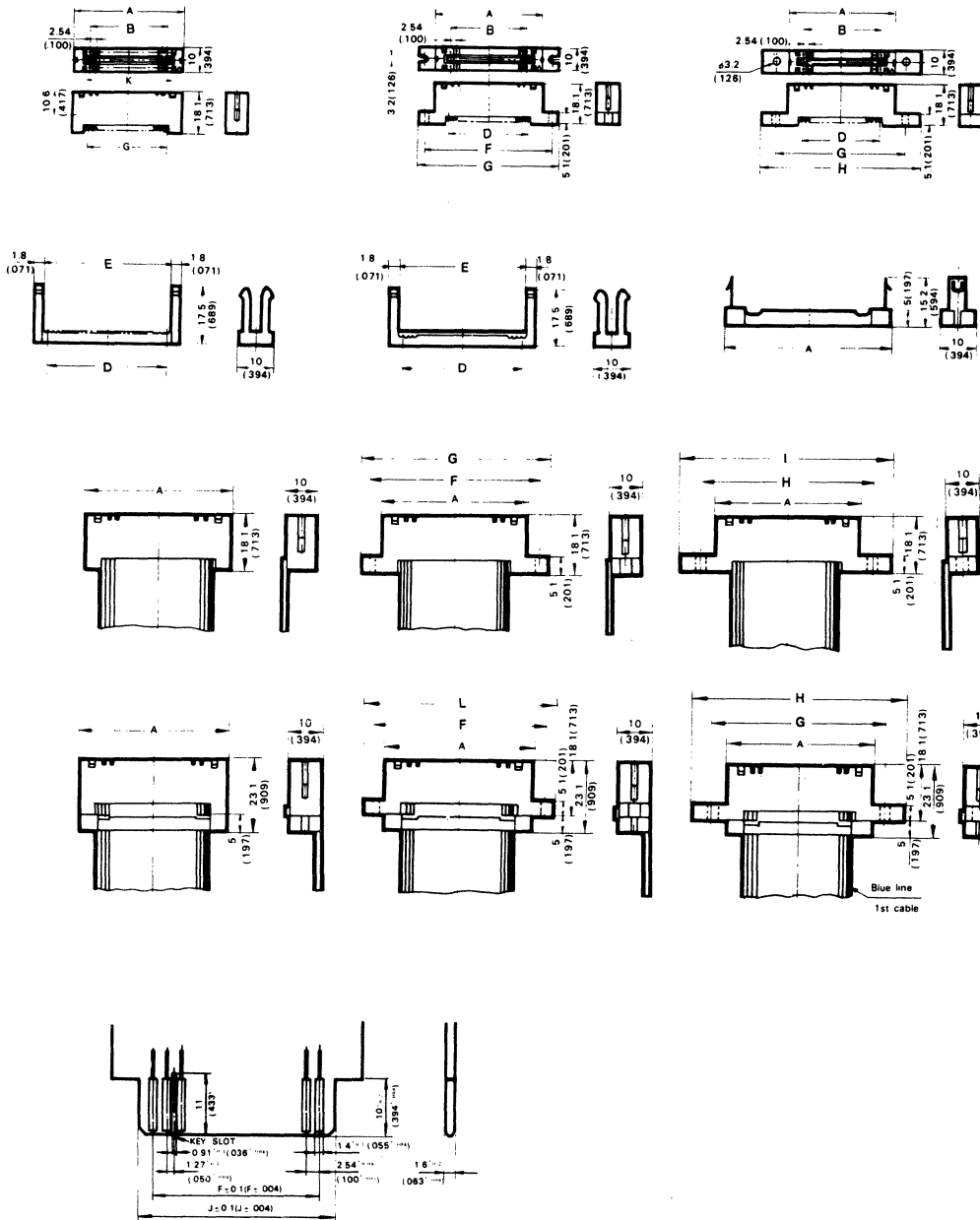


Unit: mm (in.)

No. of Contacts	N	A	B
10	5	10.16 (.400)	17.3 (.681)
14	7	15.24 (.600)	22.4 (.882)
16	8	17.78 (.700)	24.9 (.980)
20	10	22.86 (.900)	30.0 (1.181)
26	13	30.48 (1.200)	37.6 (1.480)
30	15	35.56 (1.400)	42.7 (1.681)
34	17	40.64 (1.600)	47.8 (1.882)
40	20	48.26 (1.900)	55.4 (2.181)
50	25	60.96 (2.400)	68.1 (2.681)
60	30	73.66 (2.900)	80.8 (3.181)

OUTLINE DRAWINGS

34R4

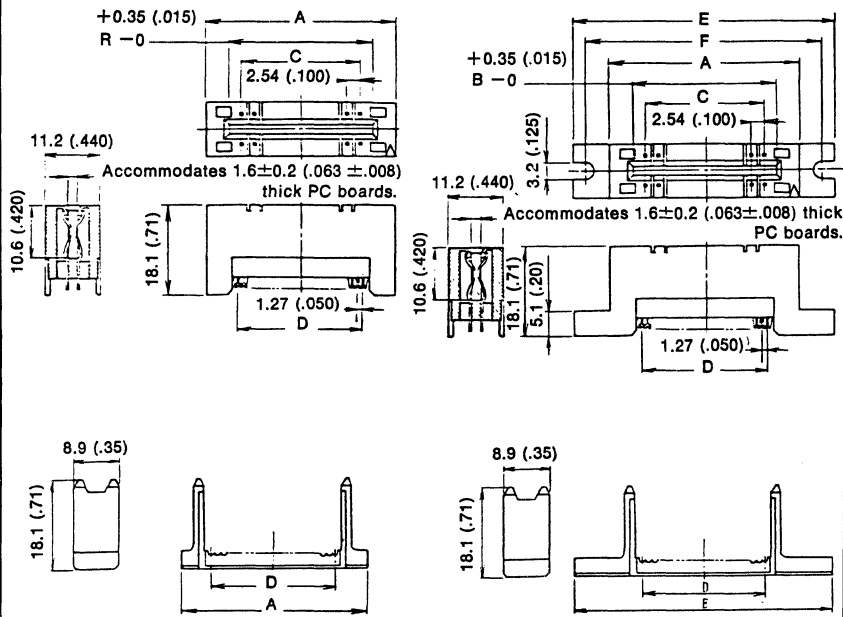


Urit: mm (inch)

No. of Contacts	Dimensions									
	A	B	C	D	E	F	G	H	I	
10	24.36 (.959)	10.16 (.400)	15.34 (.604)	11.43 (.450)	13.95 (.549)	33.02 (1.300)	38.10 (1.500)	35.56 (1.400)	43.69 (1.720)	
16	31.98 (1.259)	17.78 (.700)	22.96 (.904)	19.05 (.750)	21.57 (.849)	40.64 (1.600)	45.72 (1.800)	43.18 (1.700)	51.31 (2.020)	
20	37.06 (1.459)	22.86 (.900)	28.04 (1.104)	24.13 (.950)	26.65 (1.049)	45.72 (1.800)	50.80 (2.000)	48.26 (1.900)	56.39 (2.220)	
26	44.68 (1.759)	30.48 (1.200)	35.65 (1.404)	31.75 (1.250)	34.27 (1.349)	53.34 (2.100)	58.42 (2.300)	55.88 (2.200)	64.01 (2.520)	
30	49.76 (1.959)	35.56 (1.400)	40.74 (1.604)	36.83 (1.450)	39.35 (1.549)	58.42 (2.300)	63.50 (2.500)	60.96 (2.400)	69.09 (2.720)	
34	54.84 (2.159)	40.64 (1.600)	45.82 (1.804)	41.91 (1.650)	44.43 (1.749)	63.50 (2.500)	68.58 (2.700)	66.04 (2.600)	74.17 (2.920)	
40	62.46 (2.459)	48.26 (1.900)	53.44 (2.104)	49.53 (1.950)	52.05 (2.049)	71.12 (2.800)	76.20 (3.000)	73.66 (2.900)	81.79 (3.220)	
50	75.16 (2.959)	60.76 (2.400)	65.14 (2.604)	62.23 (2.450)	64.75 (2.549)	83.82 (3.300)	88.90 (3.500)	86.36 (3.400)	94.49 (3.720)	
60	87.88 (3.460)	73.66 (2.900)	78.84 (3.104)	74.93 (2.950)	77.45 (3.049)	96.52 (3.800)	101.60 (4.000)	99.06 (3.900)	107.19 (4.220)	

OUTLINE DRAWINGS

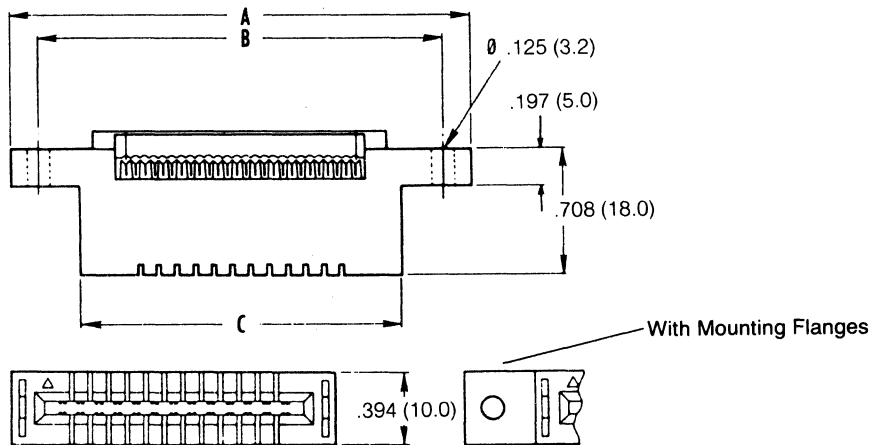
34R5



Unit: mm (inch)

No. of Contacts	Dimensions					
	A	B	C	D	E	F
20	37.06 (1.460)	27.94 (1.100)	22.86 (.900)	24.13 (.950)	50.80 (2.000)	45.72 (1.800)
26	44.68 (1.760)	35.56 (1.400)	30.48 (1.200)	31.75 (1.250)	58.42 (2.300)	53.34 (2.100)
34	54.84 (2.160)	45.72 (1.800)	40.64 (1.600)	41.91 (1.650)	68.58 (2.700)	63.50 (2.500)
50	75.16 (2.960)	66.04 (2.600)	60.96 (2.400)	62.23 (2.450)	88.90 (3.500)	83.82 (3.300)

31R2



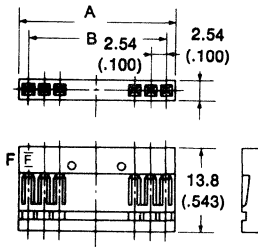
DIMENSIONS

No. of Pins	A	B	C
10	1.72 (43.69)	1.40 (35.56)	0.959 (24.36)
16	2.02 (51.31)	1.70 (43.18)	1.259 (31.98)
20	2.22 (56.39)	1.90 (48.26)	1.459 (37.06)
26	2.52 (64.01)	2.20 (55.88)	1.759 (44.68)
34	2.92 (74.17)	2.60 (66.04)	2.159 (54.84)
40	3.22 (81.79)	2.90 (73.66)	2.459 (62.46)
50	3.72 (94.49)	3.40 (86.36)	2.959 (75.16)
60	4.22 (107.19)	3.90 (99.06)	3.459 (87.86)

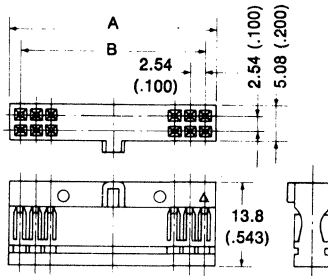
All dimensions are inches
(mm in parentheses).

OUTLINE DRAWINGS

34R9



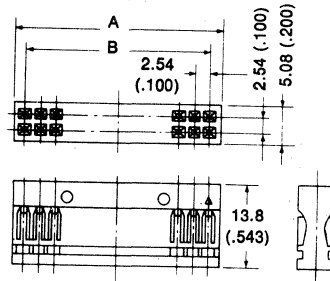
2-row socket (bump)



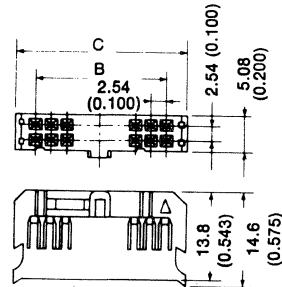
DIMENSIONS

NO. OF CONTACTS	A	B	C
3	7.62 (.300)	5.08 (.200)	
4	10.16 (.400)	7.62 (.300)	
5*	12.70 (.500)	10.16 (.400)	17.30 (0.68)
6	15.24 (.600)	12.70 (.500)	
7	17.78 (.700)	15.24 (.600)	22.40 (0.88)
8	20.32 (.800)	17.78 (.700)	24.50 (0.96)
9	22.86 (.900)	20.32 (.800)	
10*	25.40 (1.000)	22.86 (.900)	30.00 (1.18)
11	27.94 (1.200)	25.40 (1.000)	
12	30.48 (1.200)	27.94 (1.100)	
13	33.02 (1.300)	30.48 (1.200)	37.60 (1.48)
14	35.56 (1.400)	33.02 (1.300)	
15*	38.10 (1.500)	35.56 (1.400)	42.70 (1.61)
16	40.64 (1.600)	38.10 (1.500)	
17	43.18 (1.700)	40.64 (1.600)	47.82 (1.88)
18	45.72 (1.800)	43.18 (1.700)	
19	48.26 (1.900)	45.72 (1.800)	
20*	50.80 (2.000)	48.26 (1.900)	
21	53.34 (2.100)	50.80 (2.000)	
22	55.88 (2.200)	53.34 (2.100)	
23	58.42 (2.300)	55.88 (2.200)	
24	60.96 (2.400)	58.42 (2.300)	
25*	63.50 (2.500)	60.96 (2.400)	
26	66.04 (2.600)	63.50 (2.500)	
27	68.58 (2.700)	66.04 (2.600)	
28	71.12 (2.800)	68.58 (2.700)	
29	73.66 (2.900)	71.12 (2.800)	
30*	76.20 (3.000)	73.66 (2.900)	
31	78.74 (3.100)	76.20 (3.000)	
32	81.28 (3.200)	78.74 (3.100)	
33	83.82 (3.300)	81.28 (3.200)	
34	86.36 (3.400)	83.82 (3.300)	
35	88.90 (3.500)	86.36 (3.400)	
36*	91.44 (3.600)	88.90 (3.500)	

34R10



2-row socket (lockable)

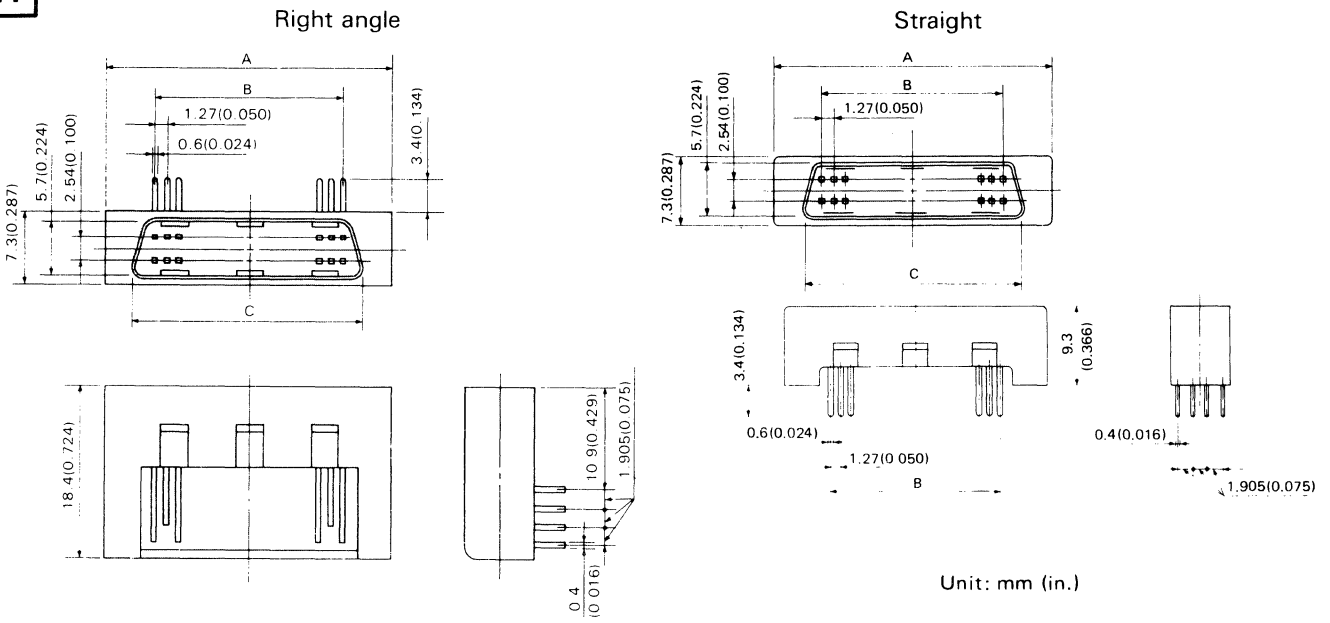


DIMENSIONS

NO. OF CONTACTS	A	B	C
6	7.62 (.300)	5.08 (.200)	
8	10.16 (.400)	7.62 (.300)	
10*	12.70 (.500)	10.16 (.400)	17.30 (0.68)
12	15.24 (.600)	12.70 (.500)	
14*	17.78 (.700)	15.24 (.600)	22.40 (0.88)
16*	20.32 (.800)	17.78 (.700)	24.50 (0.96)
18	22.86 (.900)	20.32 (.800)	
20*	25.40 (1.000)	22.86 (.900)	30.00 (1.18)
22	27.94 (1.200)	25.40 (1.000)	
24	30.48 (1.200)	27.94 (1.100)	
26*	33.02 (1.300)	30.48 (1.200)	37.60 (1.48)
28	35.56 (1.400)	33.02 (1.300)	
30*	38.10 (1.500)	35.56 (1.400)	42.70 (1.61)
32	40.64 (1.600)	38.10 (1.500)	
34*	43.18 (1.700)	40.64 (1.600)	47.82 (1.88)
36	45.72 (1.800)	43.18 (1.700)	
38	48.26 (1.900)	45.72 (1.800)	
40*	50.80 (2.000)	48.26 (1.900)	
42	53.34 (2.100)	50.80 (2.000)	
44	55.88 (2.200)	53.34 (2.100)	
46	58.42 (2.300)	55.88 (2.200)	
48	60.96 (2.400)	58.42 (2.300)	
50*	63.50 (2.500)	60.96 (2.400)	
52	66.04 (2.600)	63.50 (2.500)	
54	68.58 (2.700)	66.04 (2.600)	
56	71.12 (2.800)	68.58 (2.700)	
58	73.66 (2.900)	71.12 (2.800)	
60*	76.20 (3.000)	73.66 (2.900)	
62	78.74 (3.100)	76.20 (3.000)	
64	81.28 (3.200)	78.74 (3.100)	
66	83.82 (3.300)	81.28 (3.200)	
68	86.36 (3.400)	83.82 (3.300)	
70	88.90 (3.500)	86.36 (3.400)	
72	91.44 (3.600)	88.90 (3.500)	

OUTLINE DRAWINGS

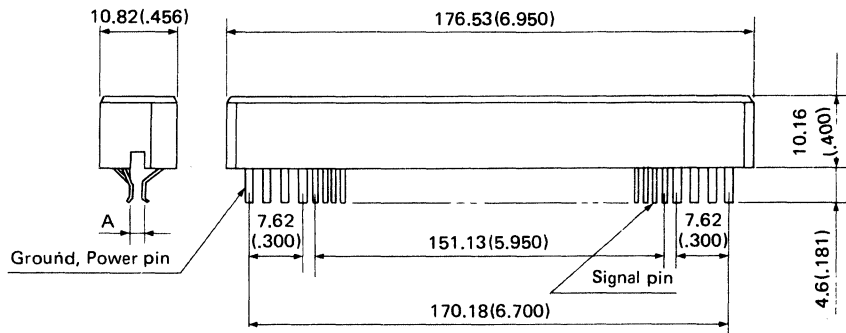
34R11



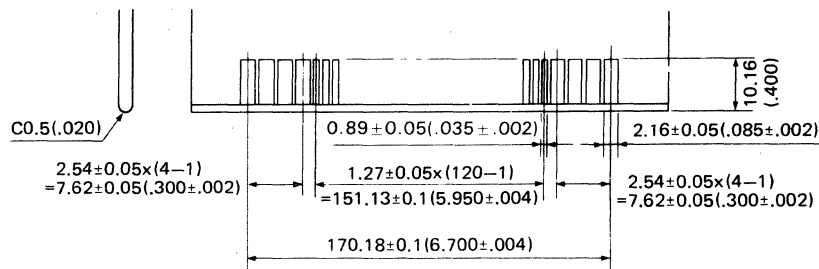
Unit: mm (in.)

No. of contacts	Dimensions		
	A	B	C
34	31.63(1.245)	20.32(0.800)	24.69(0.972)
48	40.52(1.595)	29.21(1.150)	33.58(1.322)
68	53.22(2.095)	41.91(1.650)	46.28(1.822)
96	71.00(2.795)	59.69(2.350)	64.06(2.522)

34R13



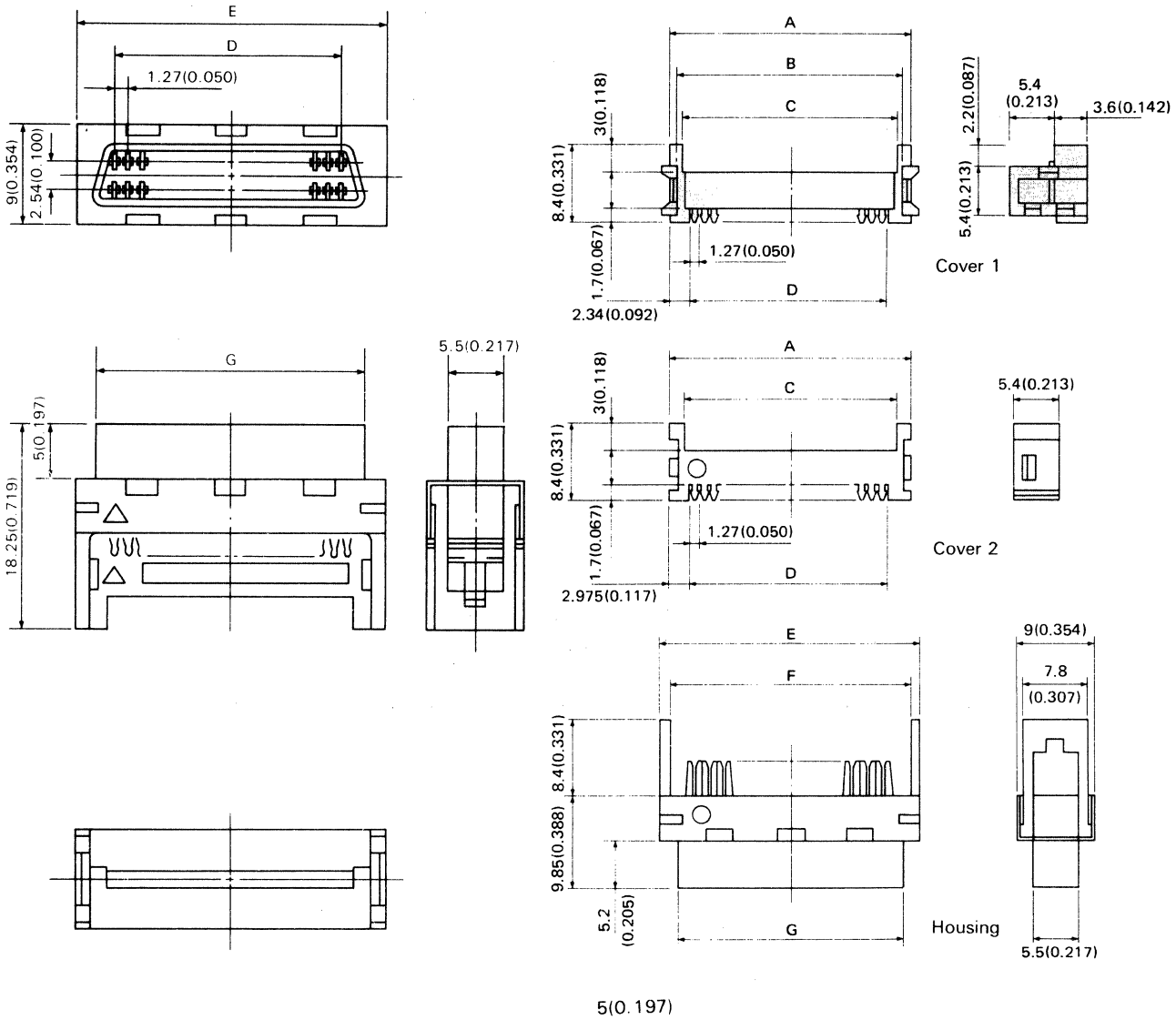
Recommended PCB pattern



Unit: mm (in.)

OUTLINE DRAWINGS

34R12



Unit: mm (in.)

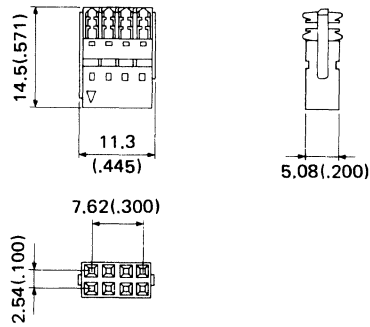
No. of contacts	Dimensions						
	A	B	C	D	E	F	G
20	16.75(0.659)	14.95(0.589)	13.55(0.533)	11.43(0.450)	19.25(0.758)	16.85(0.663)	15.60(0.614)
28	21.83(0.859)	20.03(0.789)	18.63(0.733)	16.51(0.650)	24.33(0.958)	21.93(0.863)	20.68(0.814)
36	26.91(1.059)	25.11(0.989)	23.7 (0.933)	21.59(0.850)	29.41(1.158)	27.01(1.063)	25.76(1.014)
50	35.80(1.409)	34.00(1.339)	32.60(1.283)	30.48(1.200)	28.30(1.508)	35.90(1.413)	34.65(1.364)

OUTLINE DRAWINGS

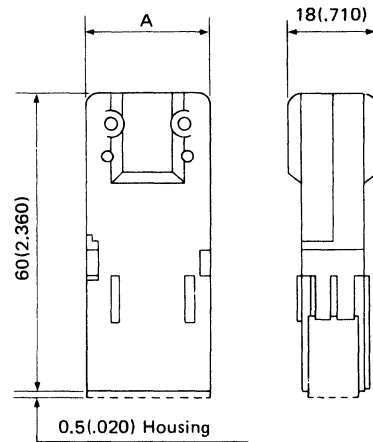
34R14

Unit: mm (in.)

Preloaded Housing (8 pos.)



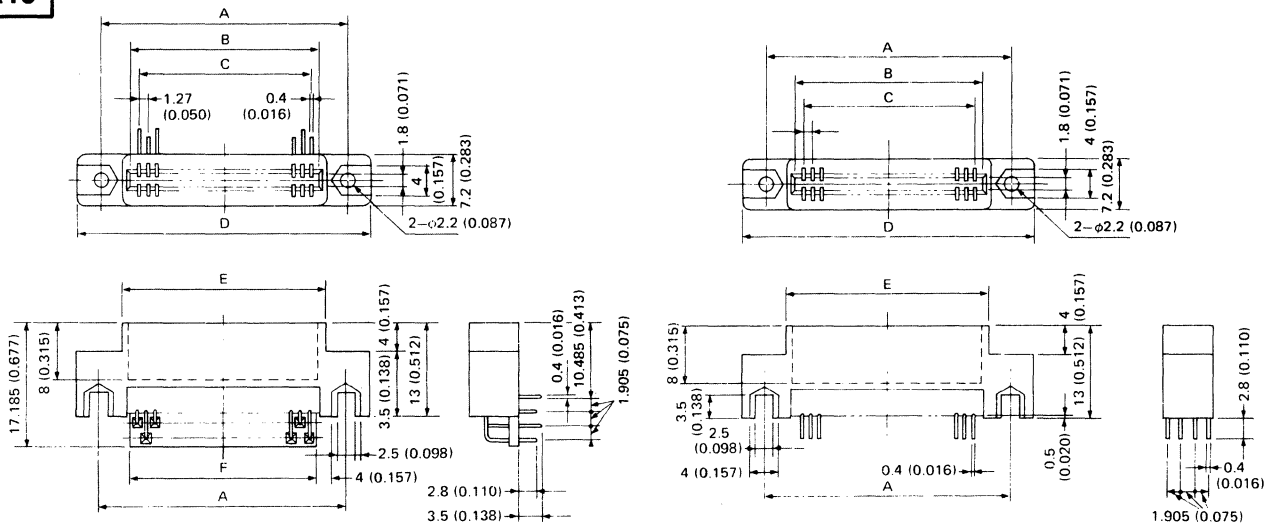
Shield Back Shell (8, 16, 24, 40 and 56 pos.)



(Note: Including 8 contacts for double-IDC)

No. of positions.	Dimensions
	A
8	5.08 (.200)
16	10.16 (.400)
24	15.24 (.600)
40	25.40 (1.000)
56	35.56 (1.400)

34R16



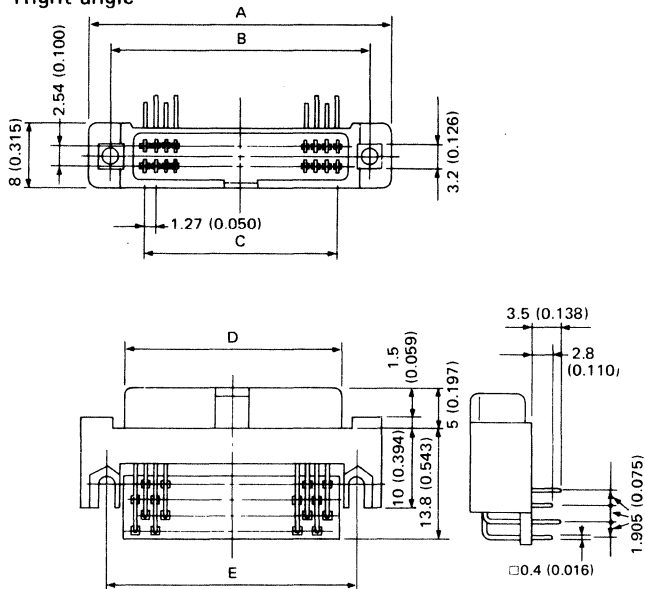
No. of contacts	Dimension						
	A	B	C	D	E	F	G
30	28.05(1.104)	20.32(0.800)	17.78(0.700)	34.55(1.360)	22.25(0.876)	19.65(0.774)	20.12(0.792)
34	30.59(1.204)	22.86(0.900)	20.32(0.800)	37.09(1.460)	24.79(0.976)	22.19(0.874)	22.66(0.892)
40	34.40(1.354)	26.67(1.050)	24.13(0.950)	40.90(1.610)	28.60(1.126)	26.00(1.024)	26.47(1.042)
50	40.75(1.604)	33.02(1.300)	30.48(1.200)	47.25(1.860)	34.95(1.376)	32.35(1.274)	32.82(1.292)
60	47.10(1.854)	39.37(1.550)	36.83(1.450)	53.60(2.110)	41.30(1.626)	38.70(1.524)	39.17(1.542)
62	48.37(1.904)	40.64(1.600)	38.10(1.501)	54.87(2.160)	42.57(1.676)	39.97(1.574)	40.44(1.592)
80	59.80(2.354)	52.07(2.050)	49.53(1.950)	66.30(2.610)	54.00(2.126)	51.40(2.024)	51.87(2.042)
100	72.50(2.854)	64.77(2.550)	62.23(2.450)	79.00(3.110)	66.70(2.626)	64.10(2.524)	64.57(2.542)
120	85.20(3.354)	77.47(3.050)	74.93(2.950)	91.70(3.610)	79.40(3.126)	76.80(3.024)	77.27(3.042)

OUTLINE DRAWINGS

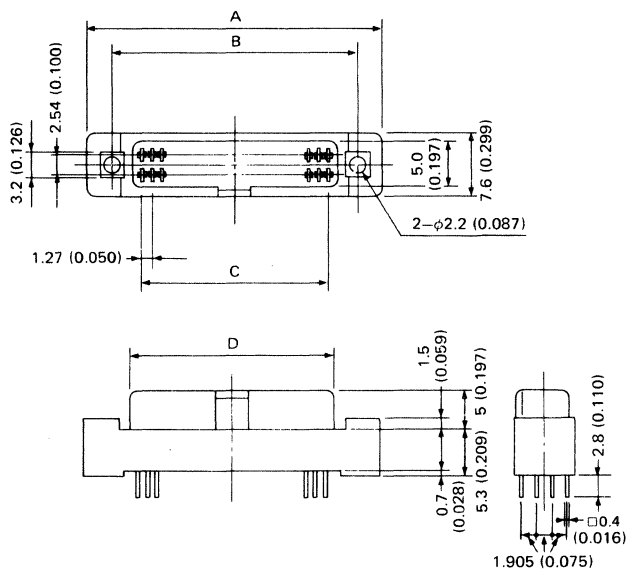
34R15

Unit: mm (in.)

Right-angle



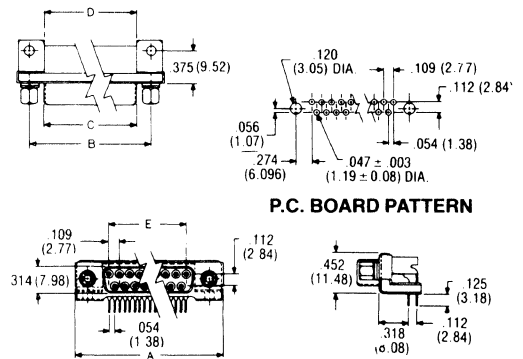
Straight



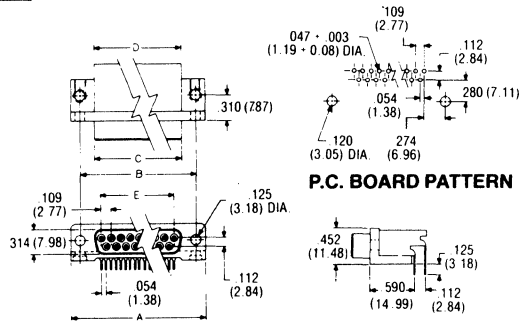
No. of contacts	Dimension				
	A	B	C	D	E
30	31.83(1.253)	26.28(1.035)	17.78(0.700)	20.68(0.814)	25.28(0.995)
34	34.37(1.353)	28.82(1.135)	20.32(0.800)	23.22(0.914)	27.82(1.095)
40	38.18(1.503)	32.63(1.285)	24.13(0.950)	27.03(1.064)	31.63(1.245)
50	44.53(1.753)	38.98(1.535)	30.48(1.200)	33.38(1.314)	37.98(1.495)
60	50.88(2.003)	45.33(1.785)	36.83(1.450)	39.73(1.564)	44.33(1.745)
80	63.58(2.503)	58.03(2.285)	49.53(1.950)	52.43(2.064)	57.03(2.245)
92	71.20(2.803)	65.65(2.585)	57.15(2.250)	60.05(2.364)	64.65(2.545)
100	76.28(3.003)	70.73(2.785)	62.23(2.450)	65.13(2.564)	69.73(2.745)
120	88.98(3.503)	83.43(3.285)	74.93(2.950)	77.83(3.064)	82.43(3.245)

OUTLINE DRAWINGS

31R10

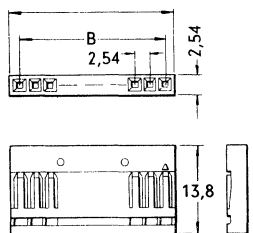


31R11

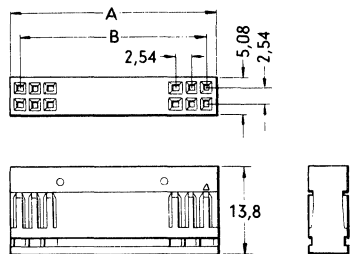


36R5

One row socket

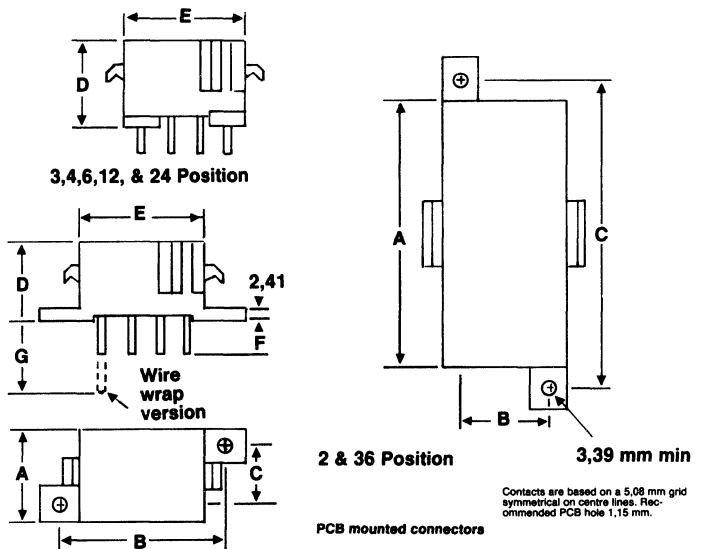


Two row socket



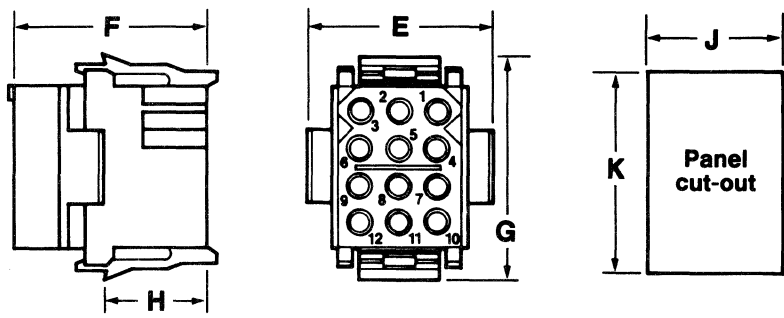
Number of ways	Dimensions			
	Singerow		Two row	
	A	B	A	B
5	12,70	10,16		
10	25,40	22,86	12,70	10,16
14			17,78	15,24
15	38,10	35,56		
16			20,32	17,78
20	50,80	48,26	25,40	22,86
25	63,50	60,96		
26			33,02	30,48
30	76,20	73,66	38,00	35,56
34			43,18	40,64
36	91,44	88,90		
40			50,80	48,26
50			63,50	60,96
60			76,20	73,66

36R2



No. of ways	Dimensions mm (max)						
	A	B ±.08 mm	C ±.08 mm	D	E	F	G
2	11,10	19,13	N/A (in line)	13,20	6,00	5,70	18,50
3	16,20	13,97	10,16	13,50	6,00	5,70	18,50
4	21,30	14,00	15,24	13,20	6,00	5,70	18,50
6	16,20	19,05	10,16	13,50	11,00	5,70	18,50
12	16,20	29,21	10,16	13,50	21,20	5,70	18,50
24	21,30	39,37	15,24	13,50	31,30	5,70	18,50
36	46,60	54,64	15,24	13,50	31,30	5,70	18,50

36R1

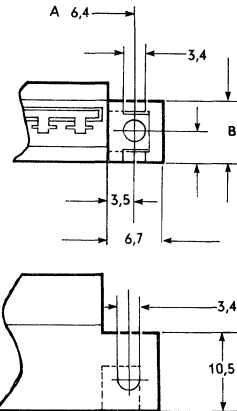
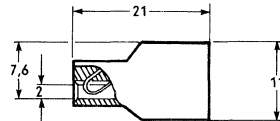
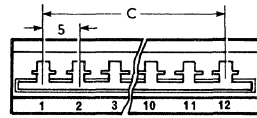
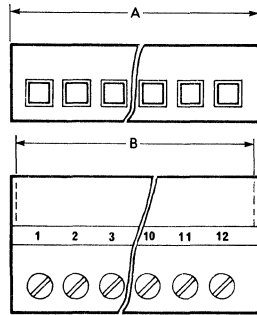


No. of ways	Dimensions mm (max)				Panel cut out dimensions mm ± 0,13mm		Old order Code New order Code
	E	F	G	H	J	K	
2	22,1	25,0	14,0	13,5	11,5	11,6	TST02RA00-1 229-90036G
3	27,2	25,0	14,0	13,5	16,5	11,6	TST03RA00-1 229-23601B
4	32,3	25,0	14,0	13,5	21,7	11,6	TST04RA00-1 229-90038A
6	27,2	25,0	19,0	13,5	16,5	16,7	TST06RA00-1 229-23602K
12	27,2	25,0	29,0	13,5	16,7	26,7	TST12RA00-1 229-23603G
24	32,3	25,0	39,0	13,5	21,7	36,9	TST24R00-1 229-23604D
36	57,7	25,0	29,0	13,5	47,2	26,7	TST36RA00-1 229-23605A

OUTLINE DRAWINGS

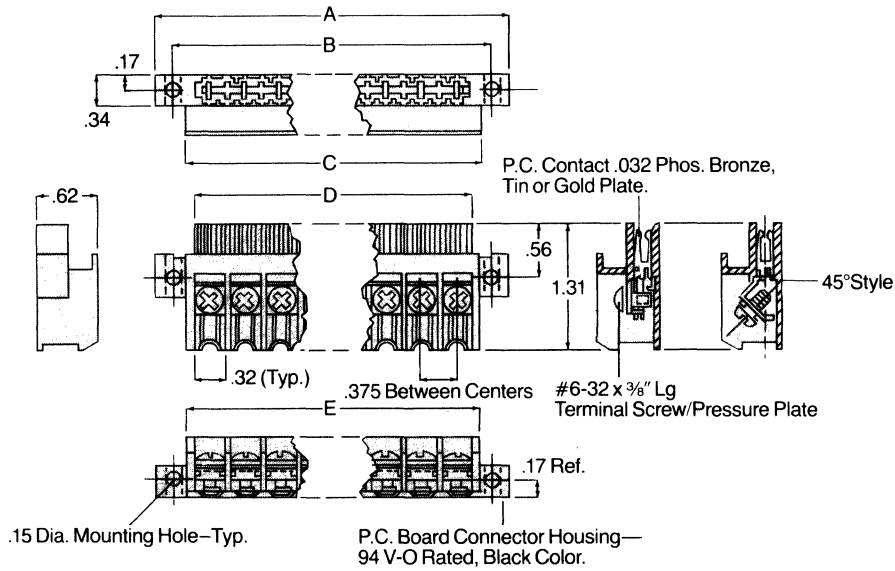
36R6

Number of ways	Dimensions (mm)		
	A	B	C
3	19,3	15,9	10,0
4	24,3	20,9	15,0
5	29,3	25,9	20,0
6	34,3	30,9	25,0
7	39,3	35,9	30,0
8	44,3	40,9	35,0
9	49,3	45,9	40,0
10	54,3	50,9	45,0
11	59,3	55,9	50,0
12	64,3	60,9	55,0
13	69,3	65,9	60,0
14	74,3	70,9	65,0
15	79,3	75,9	70,0
18	94,3	90,9	85,0
20	104,3	100,9	95,0
22	114,3	110,9	105,0
24	124,3	120,9	115,0
26	134,3	130,9	125,0
28	144,3	140,9	135,0
30	154,3	150,9	145,0



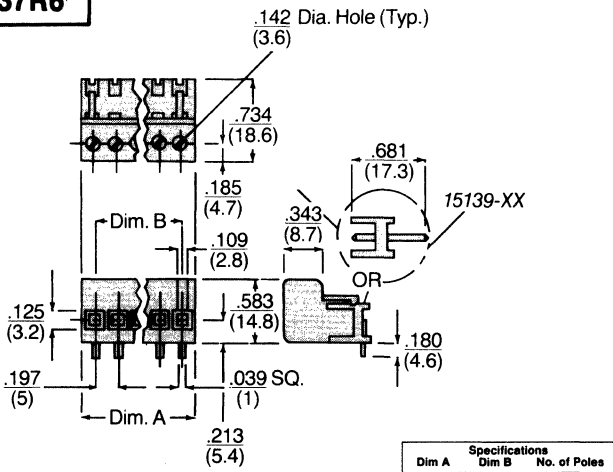
OUTLINE DRAWINGS

37R5

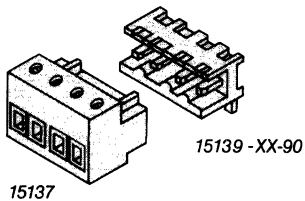


Circuits	Specifications					
	Overall Width A	Mtg. Hole B	Board Entry Slot C	D	E	Board Width F
6	3.00"	2.625"	2.00"	2.16"	2.36"	1.990"
8	3.75"	3.375"	2.75"	2.91"	3.11"	2.740"
10	4.50"	4.125"	3.50"	3.66"	3.86"	3.490"
12	5.25"	4.875"	4.25"	4.41"	4.61"	4.240"
14	6.00"	5.625"	5.00"	5.16"	5.36"	4.990"
16	6.75"	6.375"	5.75"	5.91"	6.11"	5.740"
18	7.50"	7.125"	6.50"	6.66"	6.86"	6.490"
20	8.25"	7.875"	7.25"	7.41"	7.61"	7.235"
22	9.00"	8.625"	8.00"	8.16"	8.36"	7.985"
24	9.75"	9.375"	8.75"	8.91"	9.11"	8.735"
26	10.50"	10.125"	9.50"	9.66"	9.86"	9.485"
28	11.25"	10.875"	10.25"	10.41"	10.61"	10.235"

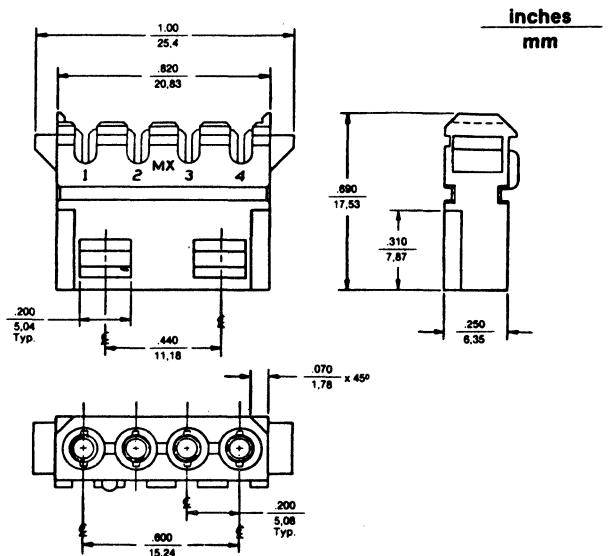
37R6



Dim A	Dim B	No. of Poles
.393	.197	2
.590	.394	3
.787	.591	4
.984	.788	5
1.181	.985	6
1.378	1.182	7
1.571	1.379	8
1.772	1.576	9
1.969	1.773	10
2.166	1.970	11
2.363	2.167	12
2.560	2.364	13
2.757	2.561	14
2.954	2.758	15
3.151	2.955	16
3.348	3.152	17
3.545	3.349	18
3.742	3.546	19
3.939	3.743	20

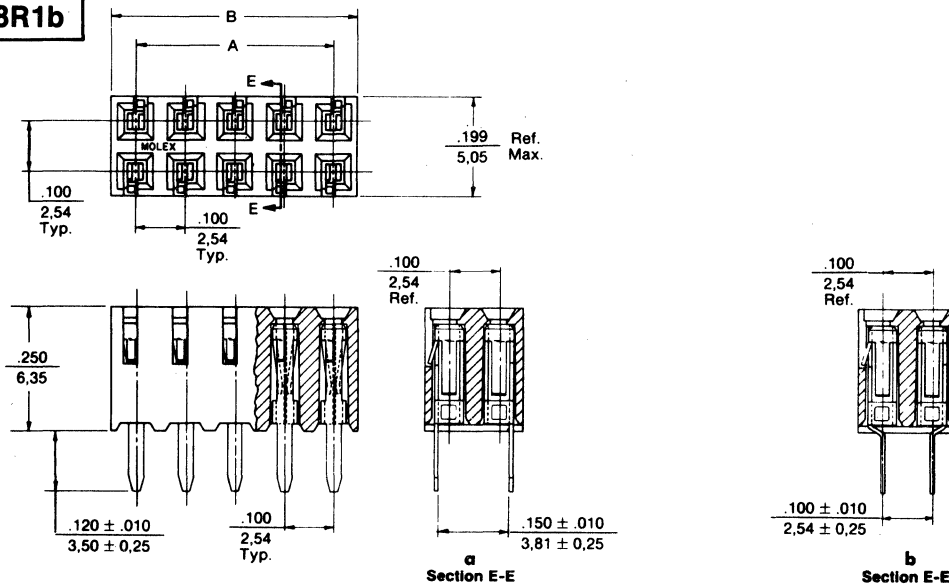


38R27



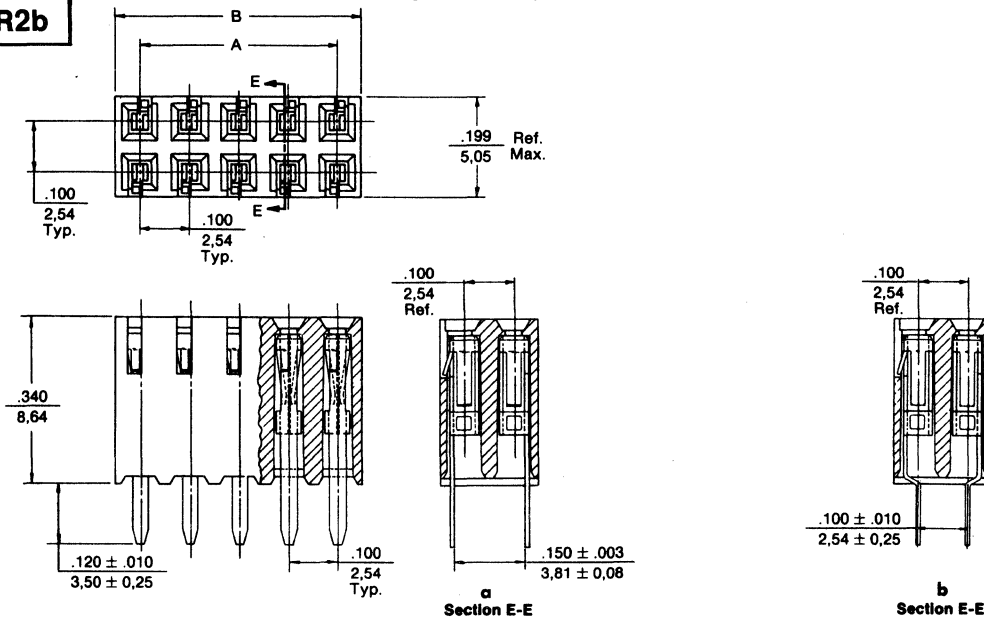
OUTLINE DRAWINGS

38R1 38R1a 38R1b



CIRCUITS	DIM. A	DIM. B	CIRCUITS	DIM. A	DIM. B	CIRCUITS	DIM. A	DIM. B	CIRCUITS	DIM. A	DIM. B	CIRCUITS	DIM. A	DIM. B
4	.100 2,54	.199 5,05	20	.900 22,86	.999 25,37	36	1.700 43,18	1.799 45,69	52	2.500 63,50	2.599 66,01	68	3.300 83,82	3.399 86,33
6	.200 5,08	.299 7,59	22	1.000 25,40	1.099 27,91	38	1.800 45,72	1.899 48,23	54	2.600 66,04	2.699 68,55	70	3.400 86,36	3.499 88,78
8	.300 7,62	.399 10,13	24	1.100 27,94	1.199 30,45	40	1.900 48,26	1.999 50,77	56	2.700 68,58	2.799 71,09	72	3.500 88,90	3.599 91,41
10	.400 10,16	.499 12,67	26	1.200 30,48	1.299 32,99	42	2.000 50,80	2.099 53,31	58	2.800 71,12	2.899 73,63	74	3.600 91,44	3.699 93,85
12	.500 12,70	.599 15,21	28	1.300 33,02	1.399 35,53	44	2.100 53,34	2.199 55,85	60	2.900 73,66	2.999 76,17	76	3.700 93,98	3.799 96,49
14	.600 15,24	.699 17,75	30	1.400 35,56	1.499 38,07	46	2.200 55,88	2.299 58,39	62	3.000 76,20	3.099 78,71	78	3.800 96,52	3.899 98,93
16	.700 17,78	.799 20,29	32	1.500 38,10	1.599 40,61	48	2.300 58,42	2.399 60,93	64	3.100 78,74	3.199 81,25	80	3.900 99,06	3.999 101,57
18	.800 20,32	.899 22,83	34	1.600 40,64	1.699 43,15	50	2.400 60,96	2.499 63,47	66	3.200 81,28	3.299 83,79			

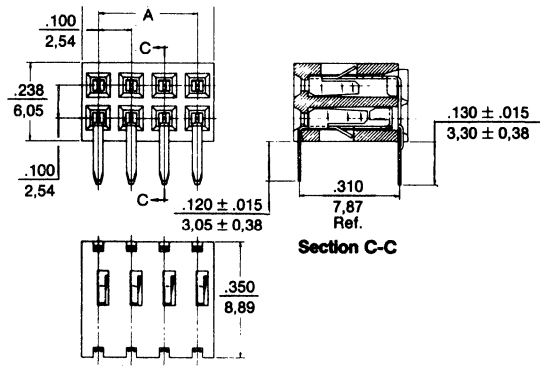
38R2 38R2a 38R2b



CIRCUITS	DIM. A	DIM. B	CIRCUITS	DIM. A	DIM. B	CIRCUITS	DIM. A	DIM. B	CIRCUITS	DIM. A	DIM. B	CIRCUITS	DIM. A	DIM. B
4	.100 2,54	.199 5,05	20	.900 22,86	.999 25,37	36	1.700 43,18	1.799 45,69	52	2.500 63,50	2.599 66,01	68	3.300 83,82	3.399 86,33
6	.200 5,08	.299 7,59	22	1.000 25,40	1.099 27,91	38	1.800 45,72	1.899 48,23	54	2.600 66,04	2.699 68,55	70	3.400 86,36	3.499 88,78
8	.300 7,62	.399 10,13	24	1.100 27,94	1.199 30,45	40	1.900 48,26	1.999 50,77	56	2.700 68,58	2.799 71,09	72	3.500 88,90	3.599 91,41
10	.400 10,16	.499 12,67	26	1.200 30,48	1.299 32,99	42	2.000 50,80	2.099 53,31	58	2.800 71,12	2.899 73,63	74	3.600 91,44	3.699 93,85
12	.500 12,70	.599 15,21	28	1.300 33,02	1.399 35,53	44	2.100 53,34	2.199 55,85	60	2.900 73,66	2.999 76,17	76	3.700 93,98	3.799 96,49
14	.600 15,24	.699 17,75	30	1.400 35,56	1.499 38,07	46	2.200 55,88	2.299 58,39	62	3.000 76,20	3.099 78,71	78	3.800 96,52	3.899 98,93
16	.700 17,78	.799 20,29	32	1.500 38,10	1.599 40,61	48	2.300 58,42	2.399 60,93	64	3.100 78,74	3.199 81,25	80	3.900 99,06	3.999 101,57
18	.800 20,32	.899 22,83	34	1.600 40,64	1.699 43,15	50	2.400 60,96	2.499 63,47	66	3.200 81,28	3.299 83,79			

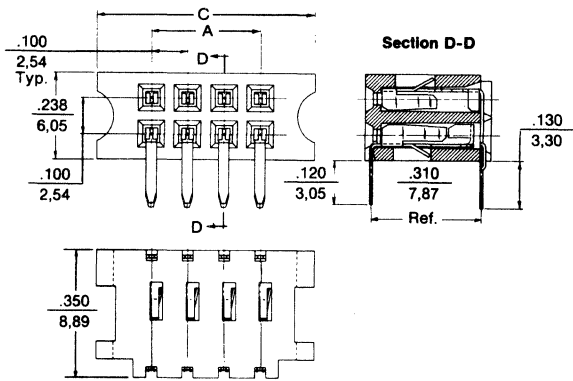
OUTLINE DRAWINGS

38R3



Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
8	.300 7,62	.400 10,16	30	1.400 35,56	1.500 38,10	52	2.500 63,50	2.600 66,04	72	3.500 88,90	3.600 91,44	92	4.500 114,30	4.600 116,84	112	5.500 139,70	5.600 142,24
10	.400 10,16	.500 12,70	32	1.500 38,10	1.600 40,64	54	2.600 66,04	2.700 68,58	74	3.600 91,44	3.700 93,98	94	4.600 116,84	4.700 119,38	114	5.600 142,24	5.700 144,78
12	.500 12,70	.600 15,24	34	1.600 40,64	1.700 43,18	56	2.700 68,58	2.800 71,12	76	3.700 93,98	3.800 96,52	96	4.700 119,38	4.800 121,92	116	5.700 144,78	5.800 147,32
14	.600 15,24	.700 17,78	36	1.700 43,18	1.800 45,72	58	2.800 71,12	2.900 73,66	78	3.800 96,52	3.900 99,06	98	4.800 121,92	4.900 124,46	118	5.800 147,32	5.900 149,86
16	.700 17,78	.800 20,32	38	1.800 45,72	1.900 48,26	60	2.900 73,66	3.000 76,20	80	3.900 99,06	4.000 101,60	100	4.900 124,46	5.000 127,00	120	5.900 149,86	6.000 152,40
18	.800 20,32	.900 22,86	40	1.900 48,26	2.000 50,80	62	3.000 76,20	3.100 78,74	82	4.000 101,60	4.100 104,14	102	5.000 127,00	5.100 129,54	122	6.000 152,40	6.100 154,94
20	.900 22,86	1.000 25,4	42	2.000 50,80	2.100 53,34	64	3.100 78,74	3.200 81,28	84	4.100 104,14	4.200 106,68	104	5.100 129,54	5.200 132,08	124	6.100 154,94	6.200 157,48
22	1.000 25,4	1.100 27,94	44	2.100 53,34	2.200 55,88	66	3.200 81,28	3.300 83,82	86	4.200 106,68	4.300 109,22	106	5.200 132,08	5.300 134,62	126	6.200 157,48	6.300 160,02
24	1.100 27,94	1.200 30,48	46	2.200 55,88	2.300 58,42	68	3.300 83,82	3.400 86,36	88	4.300 109,22	4.400 111,76	108	5.300 134,62	5.400 137,16	128	6.300 160,02	6.400 162,56
26	1.200 30,48	1.300 33,02	48	2.300 58,42	2.400 60,96	70	3.400 86,36	3.500 88,90	90	4.400 111,76	4.500 114,30	110	5.400 137,16	5.500 139,70	130	6.400 162,56	6.500 165,10
28	1.300 33,02	1.400 35,56	50	2.400 60,96	2.500 63,50												

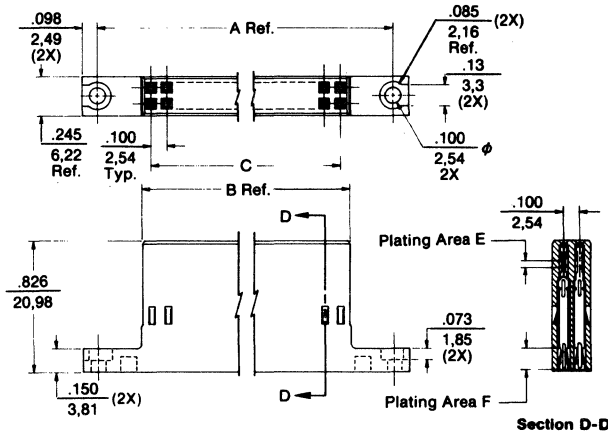
38R4



Circuits	Dim. A	Dim. C	Circuits	Dim. A	Dim. C	Circuits	Dim. A	Dim. C	Circuits	Dim. A	Dim. C	Circuits	Dim. A	Dim. C	Circuits	Dim. A	Dim. C
4	.100 2,54	.400 10,16	30	1.400 35,56	1.700 43,18	56	2.700 68,58	3.000 76,20	80	3.900 99,06	4.200 106,68	104	5.100 129,54	5.400 137,16			
6	.200 5,08	.500 12,70	32	1.500 38,10	1.800 45,72	58	2.800 71,12	3.100 78,74	82	4.000 101,60	4.300 109,22	106	5.200 132,08	5.500 139,70			
8	.300 7,62	.600 15,24	34	1.600 40,64	1.900 48,26	60	2.900 73,66	3.200 81,28	84	4.100 104,14	4.400 111,76	108	5.300 134,62	5.600 142,24			
10	.400 10,16	.700 17,78	36	1.700 43,18	2.000 50,80	62	3.000 76,20	3.300 83,82	86	4.200 106,68	4.500 114,30	110	5.400 137,16	5.700 144,78			
12	.500 12,70	.800 20,32	38	1.800 45,72	2.100 53,34	64	3.100 78,74	3.400 86,36	88	4.300 109,22	4.600 116,84	112	5.500 139,70	5.800 147,32			
14	.600 15,24	.900 22,86	40	1.900 48,26	2.200 55,88	66	3.200 81,28	3.500 88,90	90	4.400 111,76	4.700 119,38	114	5.600 142,24	5.900 149,86			
16	.700 17,78	1.000 25,40	42	2.000 50,80	2.300 58,42	68	3.300 83,82	3.600 91,44	92	4.500 114,30	4.800 121,92	116	5.700 144,78	6.000 152,40			
18	.800 20,32	1.100 27,94	44	2.100 53,34	2.400 60,96	70	3.400 86,36	3.700 93,98	94	4.600 116,84	4.900 124,46	118	5.800 147,32	6.100 154,92			
20	.900 22,86	1.200 30,48	46	2.200 55,88	2.500 63,50	72	3.500 88,90	3.800 96,52	96	4.700 119,38	5.000 127,00	120	5.900 149,86	6.200 157,48			
22	1.000 25,40	1.300 33,02	48	2.300 58,42	2.600 66,04	74	3.600 91,44	3.900 99,06	98	4.800 121,92	5.100 129,54	122	6.000 152,40	6.300 160,02			
24	1.100 27,94	1.400 35,56	50	2.400 60,96	2.700 68,58	76	3.700 93,98	4.000 101,60	100	4.900 124,46	5.200 132,08	124	6.100 154,94	6.400 162,56			
26	1.200 30,48	1.500 38,10	52	2.500 63,50	2.800 71,12	78	3.800 96,52	4.100 104,14	102	5.000 127,00	5.300 134,62	126	6.200 157,48	6.500 165,10			
28	1.300 33,02	1.600 40,64	54	2.600 66,04	2.900 73,66												

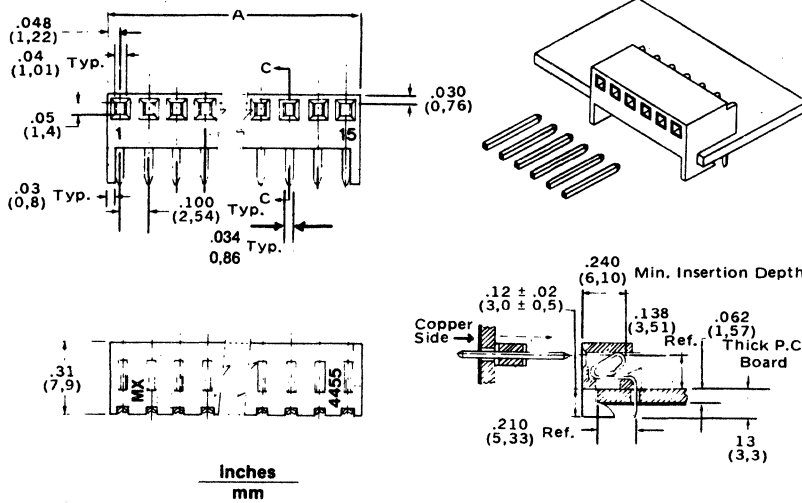
OUTLINE DRAWINGS

38R5



Dim. A (Ref.)	Dim. B (Ref.)	Dim. C (Ref.)
3.564	3.006	2.900
90,53	76,35	73,66

38R7

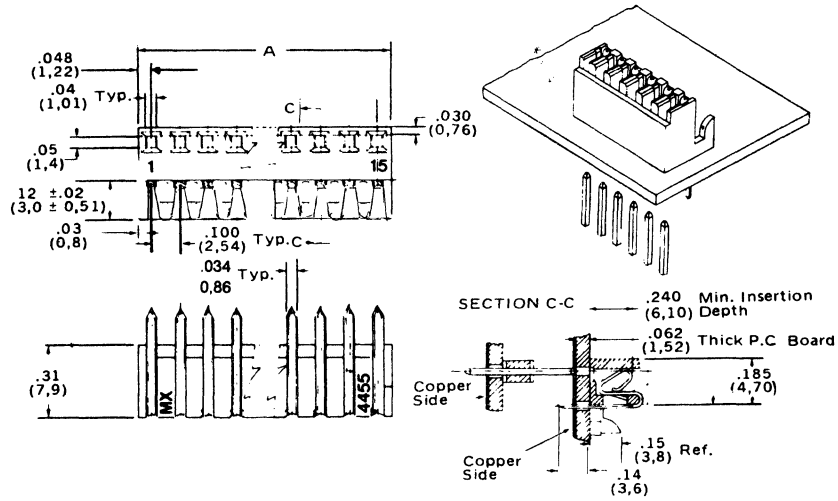


Inches
mm

CIRCUITS	DIM. A	CIRCUITS	DIM. A	CIRCUITS	DIM. A	CIRCUITS	DIM. A	CIRCUITS	DIM. A	CIRCUITS	DIM. A
2	.196 4,98	6	.596 15,14	10	.996 25,30	14	1.396 35,46	18	1.796 45,62	22	2.196 55,76
3	.296 7,52	7	.696 17,68	11	1.096 27,84	15	1.496 38,00	19	1.896 48,16	23	2.296 58,32
4	.396 10,06	8	.796 20,22	12	1.196 30,38	16	1.596 40,54	20	1.996 50,70	24	2.396 60,86
5	4.96 12,60	9	.896 22,76	13	1.296 32,92	17	1.696 43,06	21	2.096 53,24	25	2.496 63,40

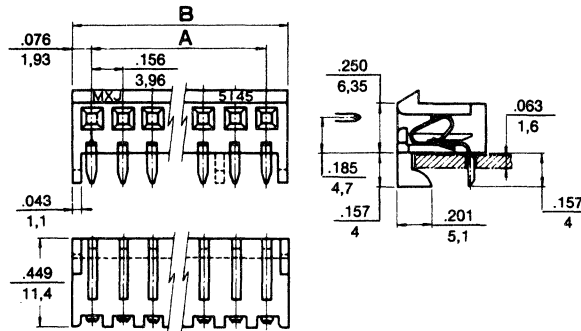
OUTLINE DRAWINGS

38R8



CIRCUITS	DIM. A	CIRCUITS	DIM. A	CIRCUITS	DIM. A	CIRCUITS	DIM. A	CIRCUITS	DIM. A	CIRCUITS	DIM. A
2	.196 4,98	6	.596 15,14	10	.996 25,30	14	1.396 35,46	18	1.796 45,62	22	2.196 55,76
3	.296 7,52	7	.696 17,68	11	1.096 27,84	15	1.496 38,00	19	1.896 48,16	23	2.296 58,32
4	.396 10,06	8	.796 20,22	12	1.196 30,38	16	1.596 40,54	20	1.996 50,70	24	2.396 60,86
5	4.96 12,60	9	.896 22,76	13	1.296 32,92	17	1.696 43,06	21	2.096 53,24	25	2.496 63,40

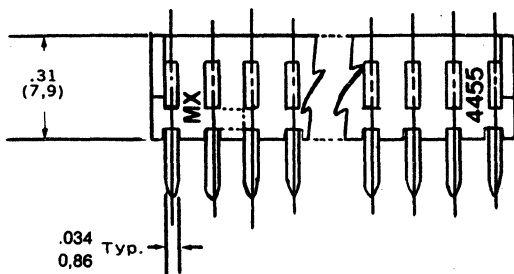
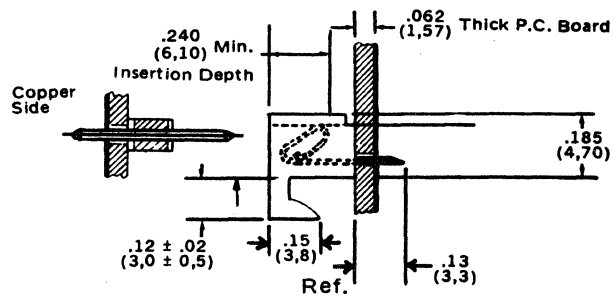
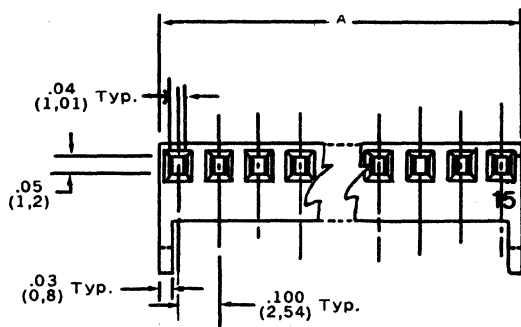
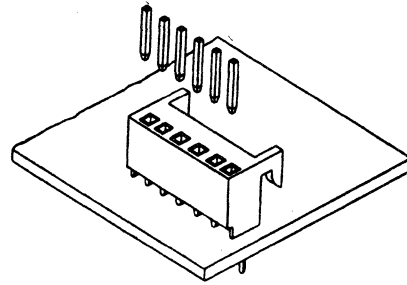
38R10



Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
2	.156 3,96	.308 7,82	5	.624 15,84	.776 19,80	8	1.091 27,72	1.243 31,58	10	1.403 35,64	1.555 39,50
3	.312 7,92	.464 11,78	6	.780 19,80	.931 23,66	9	1.247 31,68	1.399 35,54	12	1.715 43,56	1.870 47,42
4	.468 11,88	.620 15,74	7	.935 23,76	1.087 27,62						

OUTLINE DRAWINGS

38R9

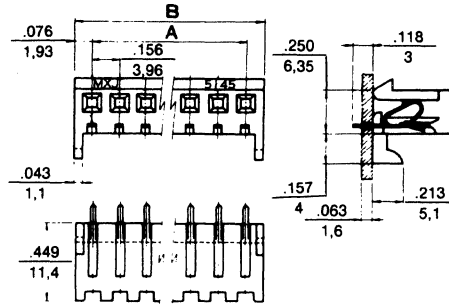


inches
mm

Circuits	Dim. A	Circuits	Dim. A	Circuits	Dim. A	Circuits	Dim. A	Circuits	Dim. A	Circuits	Dim. A
2	.196 4,98	6	.596 15,14	10	.996 25,30	14	1.396 35,46	18	1.796 45,62	22	2.196 55,76
3	.296 7,52	7	.696 17,68	11	1.096 27,84	15	1.496 38,00	19	1.896 48,16	23	2.296 58,32
4	.396 10,06	8	.796 20,22	12	1.196 30,38	16	1.596 40,54	20	1.996 50,70	24	2.396 60,86
5	4,96 12,60	9	.896 22,76	13	1.296 32,92	17	1.696 43,08	21	2.096 53,24	25	2.496 63,40

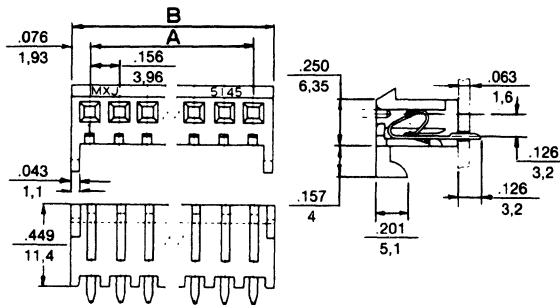
OUTLINE DRAWINGS

38R11



Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
2	.156 3,96	.308 7,82	5	.624 15,84	.776 19,80	8	1.091 27,72	1.243 31,58	10	1.403 35,64	1.555 39,50
3	.312 7,92	.464 11,78	6	.780 19,80	.931 23,66	9	1.247 31,68	1.399 35,54	12	1.715 43,56	1.870 47,42
4	.468 11,88	.620 15,74	7	.935 23,76	1.087 27,62						

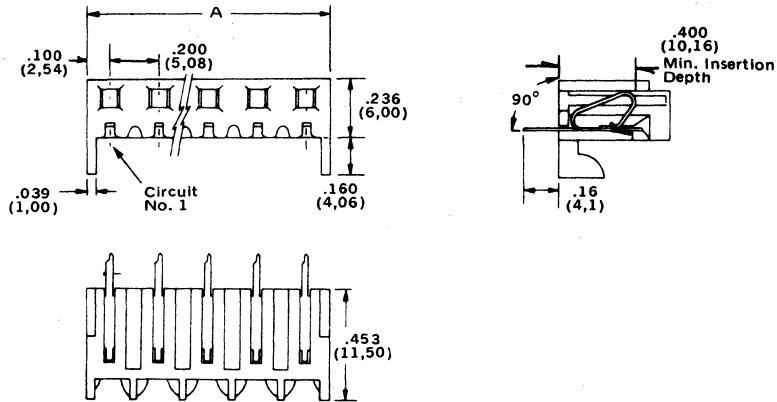
38R12



Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
2	.156 3,96	.308 7,82	5	.624 15,84	.776 19,80	8	1.091 27,72	1.243 31,58	10	1.403 35,64	1.555 39,50
3	.312 7,92	.464 11,78	6	.780 19,80	.931 23,66	9	1.247 31,68	1.399 35,54	12	1.715 43,56	1.870 47,42
4	.468 11,88	.620 15,74	7	.935 23,76	1.087 27,62						

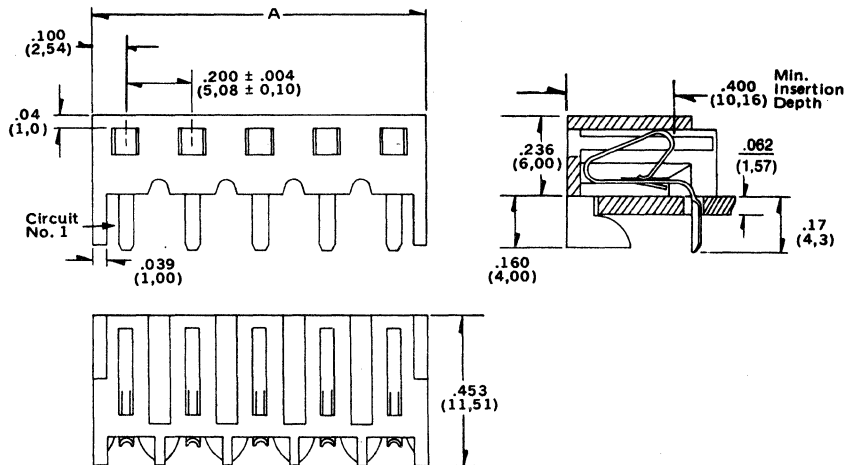
OUTLINE DRAWINGS

38R14



Circuits	Dim. A	Circuits	Dim. A	Circuits	Dim. A	Circuits	Dim. A	Circuits	Dim. A	Circuits	Dim. A
2	.400 10,16	6	1.200 30,48	9	1.800 45,72	12	2.400 60,96	15	3.000 76,20	18	3.600 91,44
3	.600 15,24	7	1.400 35,56	10	2.000 50,80	13	2.600 66,04	16	3.200 81,28	19	3.800 96,52
4	.800 20,32	8	1.600 40,64	11	2.200 55,88	14	2.800 71,12	17	3.400 86,36	20	4.000 101,60
5	1.000 25,40										

38R13

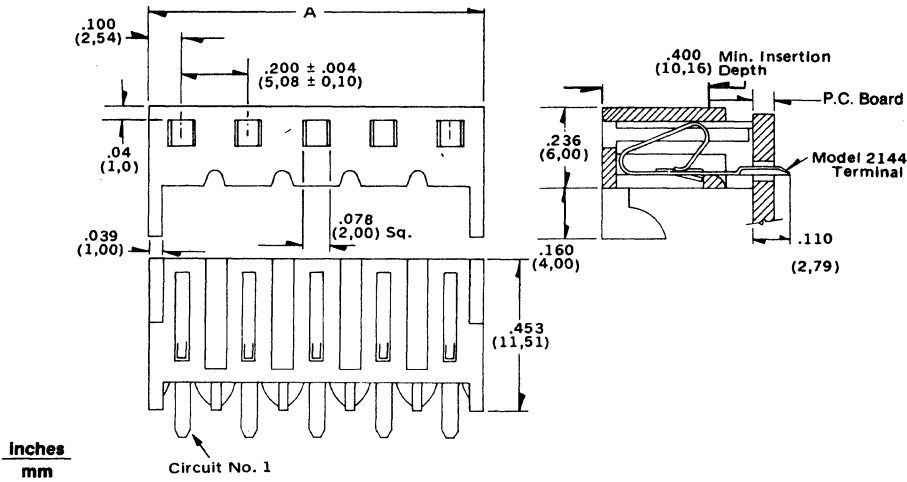


inches
mm

Circuits	Dim. A	Circuits	Dim. A	Circuits	Dim. A	Circuits	Dim. A	Circuits	Dim. A	Circuits	Dim. A
2	.400 10,16	6	1.200 30,48	9	1.800 45,72	12	2.400 60,96	15	3.000 76,20	18	3.600 91,44
3	.600 15,24	7	1.400 35,56	10	2.000 50,80	13	2.600 66,04	16	3.200 81,28	19	3.800 96,52
4	.800 20,32	8	1.600 40,64	11	2.200 55,88	14	2.800 71,12	17	3.400 86,36	20	4.000 101,60
5	1.000 25,40										

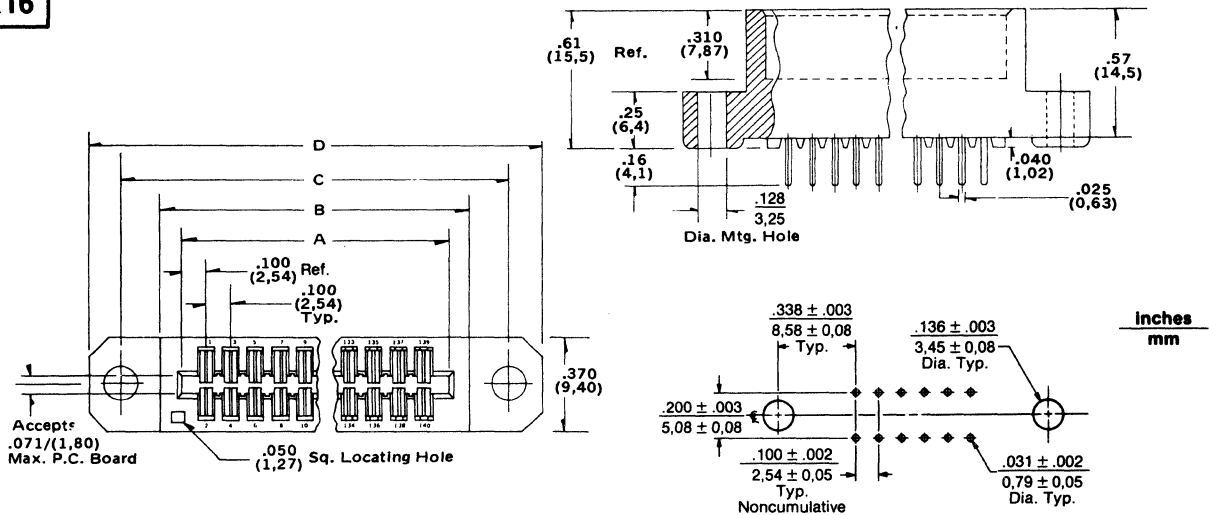
OUTLINE DRAWINGS

38R15



Circuits	Dim. A	Circuits	Dim. A	Circuits	Dim. A	Circuits	Dim. A	Circuits	Dim. A	Circuits	Dim. A
2	.400 10,16	6	1.200 30,48	9	1.800 45,72	12	2.400 60,96	15	3.000 76,20	18	3.600 91,44
3	.600 15,24	7	1.400 35,56	10	2.000 50,80	13	2.600 66,04	16	3.200 81,28	19	3.800 96,52
4	.800 20,32	8	1.600 40,64	11	2.200 55,88	14	2.800 71,12	17	3.400 86,36	20	4.000 101,60
5	1.000 25,40										

38R16

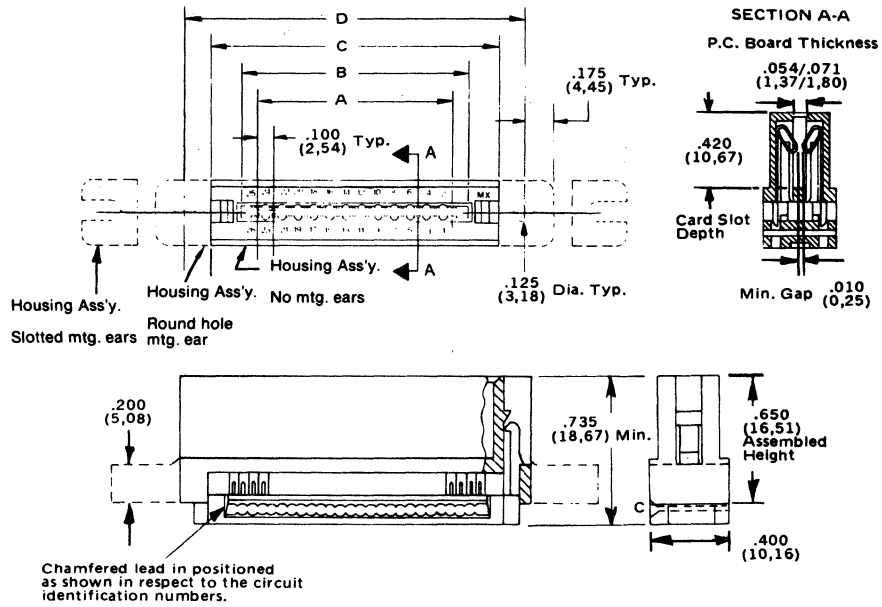


Positions	Dim. A	Dim. B	Dim. C*	Dim. D*	Positions	Dim. A	Dim. B	Dim. C*	Dim. D*
10/20	1.100 \pm .008 27,94 \pm 0,20	1.260 \pm .015 32,00 \pm 0,38	1.575 \pm .008 40,00 \pm 0,20	1.835 \pm .020 46,81 \pm 0,51	36/72	3.700 \pm .008 93,98 \pm 0,20	3.680 \pm .015 93,04 \pm 0,38	4.175 \pm .008 106,50 \pm 0,20	4.435 \pm .020 112,86 \pm 0,51
15/30	1.600 \pm .008 40,64 \pm 0,20	1.760 \pm .015 44,70 \pm 0,38	2.075 \pm .008 52,70 \pm 0,20	2.335 \pm .020 59,31 \pm 0,51	40/80	4.100 \pm .008 104,14 \pm 0,20	4.260 \pm .015 108,20 \pm 0,38	4.575 \pm .008 116,20 \pm 0,20	4.835 \pm .020 122,81 \pm 0,51
18/36	1.900 \pm .008 48,26 \pm 0,20	2.060 \pm .015 52,32 \pm 0,38	2.375 \pm .008 60,32 \pm 0,20	2.635 \pm .020 66,93 \pm 0,51	43/86	4.400 \pm .008 111,76 \pm 0,20	4.560 \pm .015 115,82 \pm 0,38	4.875 \pm .008 123,82 \pm 0,20	5.135 \pm .020 130,43 \pm 0,51
20/40	2.100 \pm .008 53,34 \pm 0,20	2.260 \pm .015 57,40 \pm 0,38	2.575 \pm .008 65,40 \pm 0,20	2.835 \pm .020 72,01 \pm 0,51	44/88	4.500 \pm .008 114,30 \pm 0,20	4.660 \pm .015 118,36 \pm 0,38	4.975 \pm .008 126,36 \pm 0,20	5.235 \pm .020 132,97 \pm 0,51
22/44	2.300 \pm .008 58,42 \pm 0,20	2.460 \pm .015 62,48 \pm 0,38	2.775 \pm .008 70,48 \pm 0,20	3.035 \pm .020 77,09 \pm 0,51	49/98	5.000 \pm .008 127,00 \pm 0,20	5.160 \pm .015 131,06 \pm 0,38	5.475 \pm .008 139,06 \pm 0,20	5.735 \pm .020 145,67 \pm 0,51
25/50	2.500 \pm .008 66,04 \pm 0,20	2.760 \pm .015 70,10 \pm 0,38	3.075 \pm .008 78,10 \pm 0,20	3.335 \pm .020 84,71 \pm 0,51	50/100	5.100 \pm .008 129,54 \pm 0,20	5.260 \pm .015 133,60 \pm 0,38	5.575 \pm .008 141,60 \pm 0,20	5.835 \pm .020 148,21 \pm 0,51
28/56	2.900 \pm .008 73,66 \pm 0,20	3.060 \pm .015 77,72 \pm 0,38	3.375 \pm .008 85,72 \pm 0,20	3.635 \pm .020 92,33 \pm 0,51	55/110	5.600 \pm .008 142,24 \pm 0,20	5.760 \pm .015 146,30 \pm 0,38	6.075 \pm .008 154,30 \pm 0,20	6.335 \pm .020 160,91 \pm 0,51
30/60	3.100 \pm .008 78,74 \pm 0,20	3.260 \pm .015 82,80 \pm 0,38	3.575 \pm .008 90,80 \pm 0,20	3.835 \pm .020 97,41 \pm 0,50	60/120	6.100 \pm .008 154,94 \pm 0,20	6.260 \pm .015 159,00 \pm 0,38	6.575 \pm .008 167,00 \pm 0,20	6.835 \pm .020 173,61 \pm 0,51
31/62	3.200 \pm .008 81,28 \pm 0,20	3.360 \pm .015 85,34 \pm 0,38	3.675 \pm .008 93,34 \pm 0,20	3.935 \pm .020 99,95 \pm 0,51	65/130	6.600 \pm .008 167,64 \pm 0,20	6.760 \pm .015 171,70 \pm 0,38	7.075 \pm .008 179,70 \pm 0,20	7.335 \pm .020 186,31 \pm 0,51
35/70	3.600 \pm .008 91,44 \pm 0,20	3.760 \pm .015 95,50 \pm 0,38	4.075 \pm .008 103,50 \pm 0,20	4.335 \pm .020 110,11 \pm 0,50	70/140	7.100 \pm .008 180,34 \pm 0,20	7.260 \pm .015 184,40 \pm 0,38	7.575 \pm .008 192,40 \pm 0,20	7.835 \pm .020 199,01 \pm 0,51

*With Mounting Flange Only

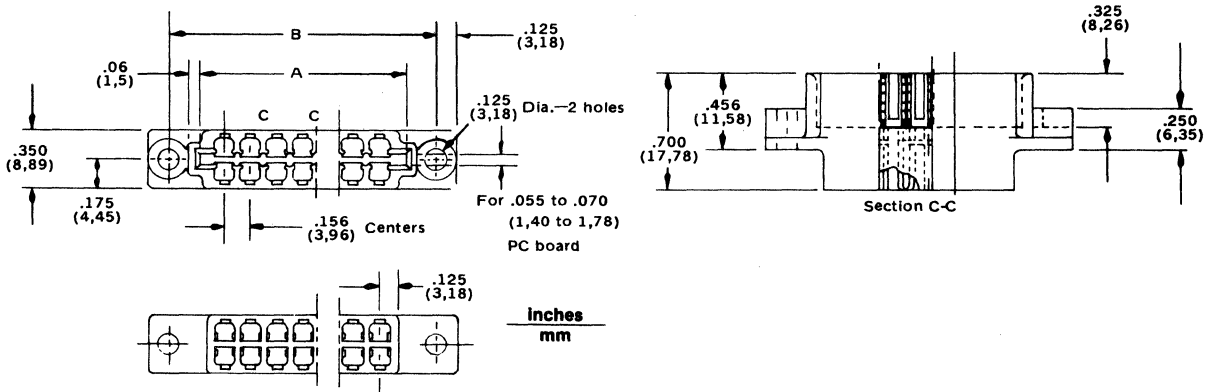
OUTLINE DRAWINGS

38R17



Circuits	Dim. A	Dim. B	Dim. C	Dim. D	Circuits	Dim. A	Dim. B	Dim. C	Dim. D	Circuits	Dim. A	Dim. B	Dim. C	Dim. D
10	.400 10,16	.600 15,24	1.00 25,40	1.300 33,02	26	1.200 30,42	1.400 35,56	1.800 45,70	2.100 53,30	50	2.400 61,0	2.600 66,04	3.000 76,2	3.300 83,82
14	.600 15,24	.800 20,32	1.200 30,42	1.500 38,10	34	1.600 40,6	1.800 45,7	2.200 55,9	2.500 63,50	60	2.900 73,7	3.100 78,74	3.500 88,9	3.800 96,52
16	.700 17,78	.900 22,86	1.300 33,02	1.600 40,64	40	1.900 48,3	2.100 53,3	2.500 63,50	2.800 71,12	64	3.100 78,7	3.300 83,82	3.700 94,0	4.000 101,6
20	.900 22,86	1.100 27,94	1.500 38,1	1.800 45,72										

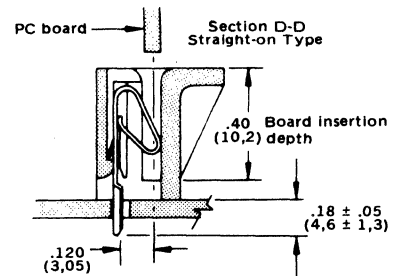
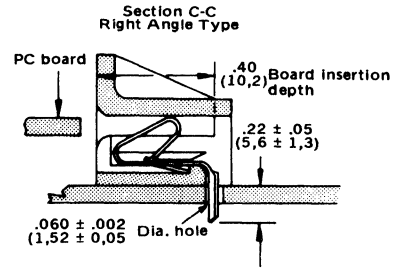
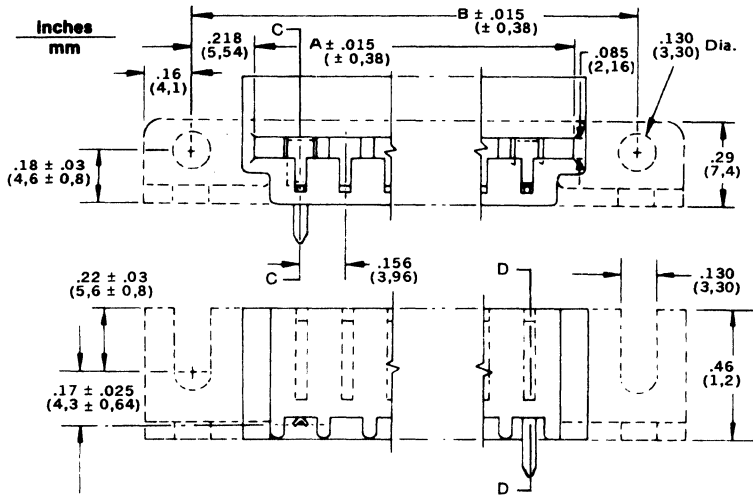
38R18



No. of Dual Positions	Dim. A	Dim. B	No. of Dual Positions	Dim. A	Dim. B	No. of Dual Positions	Dim. A	Dim. B	No. of Dual Positions	Dim. A	Dim. B	No. of Dual Positions	Dim. A	Dim. B
6	1.100 27,94	1.531 38,89	10	1.722 43,74	2.160 54,80	15	2.504 63,60	2.940 74,60	22	3.596 91,34	4.030 102,4	25	4.060 103,12	4.500 113,9
8	1.410 35,81	1.770 44,90	12	2.034 51,66	2.470 62,60	18	2.950 74,93	3.410 86,50	24	3.909 99,29	4.343 110,31	28	4.530 115,06	4.960 126,0

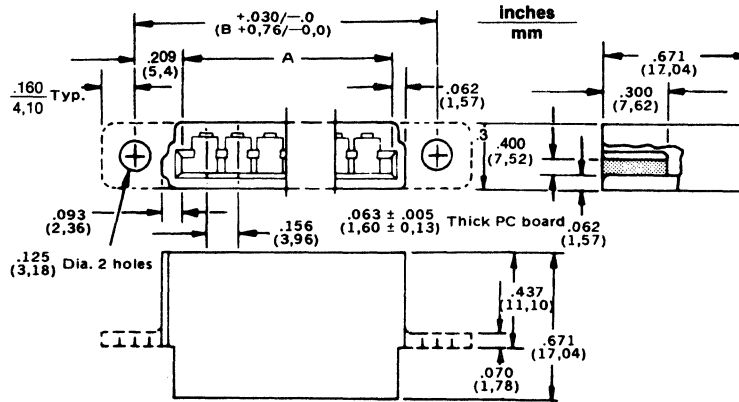
OUTLINE DRAWINGS

38R21



Circuits	Dim. A	Dim. B
10 (a)	1.725 43,79	2.160 54,86
12 (b)	2.036 51,71	2.472 62,79
15 (c)	2.504 63,60	2.040 74,68
24	.780 \pm .020 96,01 \pm 0,51	—

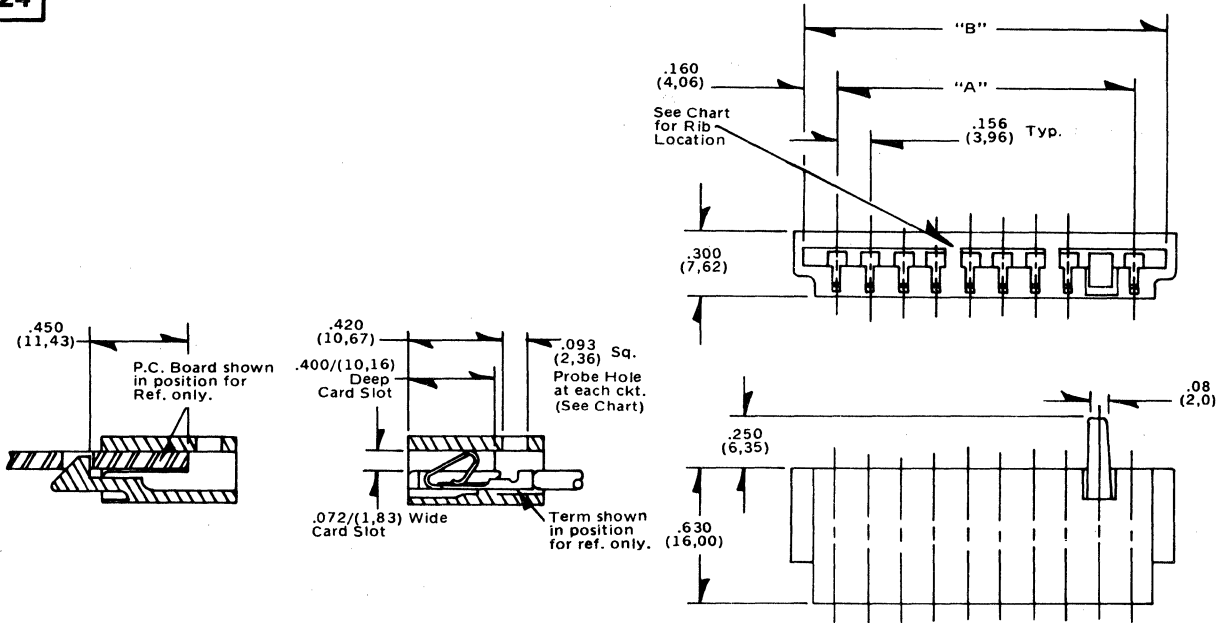
38R22



Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
6	.966 (+.020/-0.000) 24,54 (+0,51/-0,00)	1.392 35,36	15	2.370 (+.020/-0.000) 60,20 (+0,51/-0,00)	2.796 71,02	22	3.462 (+.025/-0.000) 87,94 (+0,64/-0,00)	3.888 98,76
9	1.434 (+.020/-0.000) 36,42 (+0,51/-0,00)	1.860 47,24	18	2.838 (+.020/-0.000) 72,09 (+0,51/-0,00)	3.264 82,91	24	3.774 (+.030/-0.000) 95,86 (+0,76/-0,00)	4.200 106,68
12	1.902 (+.020/-0.000) 48,31 (+0,51/-0,00)	2.328 59,13	21	3.306 (+.025/-0.000) 83,97 (+0,64/-0,00)	3.732 94,79			

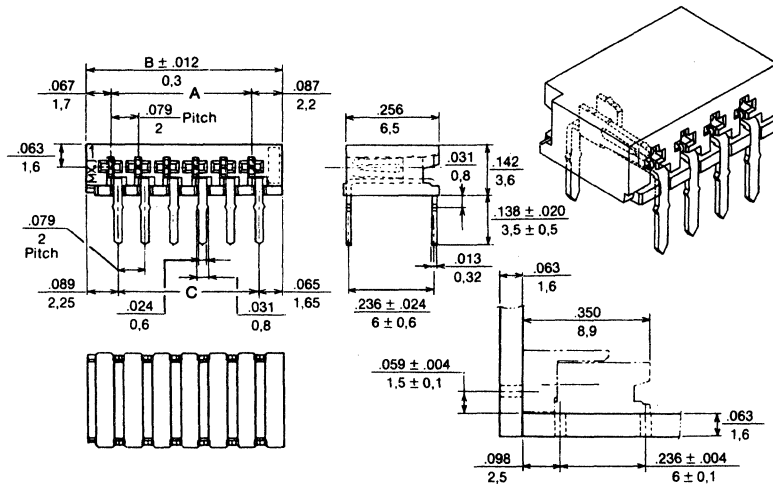
OUTLINE DRAWINGS

38R24



Circuits*	Rib Loc. Between Ckts.	Hook Loc. Between Ckts.	Dim. A	Dim. B	Circuits*	Rib Loc. Between Ckts.	Hook Loc. Between Ckts.	Dim. A	Dim. B
3	None	1 & 3	.312 ± .007 7,92 ± 0,18	.632 ± .007 16,05 ± 0,18	10	4 & 5, 7 & 8	8 & 10	1.404 ± .011 35,66 ± 0,28	1.724 ± .011 43,79 ± 0,28
5	None	1 & 3	.624 ± .009 15,85 ± 0,23	.944 ± .009 23,98 ± 0,23	12	6 & 7	8 & 10	1.716 ± .011 43,58 ± 0,28	2.036 ± .007 51,71 ± 0,18
6	None	1 & 3	.780 ± .009 19,81 ± 0,23	1.100 ± .009 27,94 ± 0,23	15	4 & 5, 7 & 8 11 & 12	8 & 10	2.184 ± .013 55,47 ± 0,33	2.504 ± .013 63,61 ± 0,33
9	3 & 4, 5 & 6	3 & 5	1.248 ± .011 31,67 ± 0,28	1.568 ± .011 39,80 ± 0,28	21	5 & 6, 10 & 11 15 & 16	8 & 10	3.120 ± .018 79,25 ± 0,46	3.440 ± .018 87,38 ± 0,46

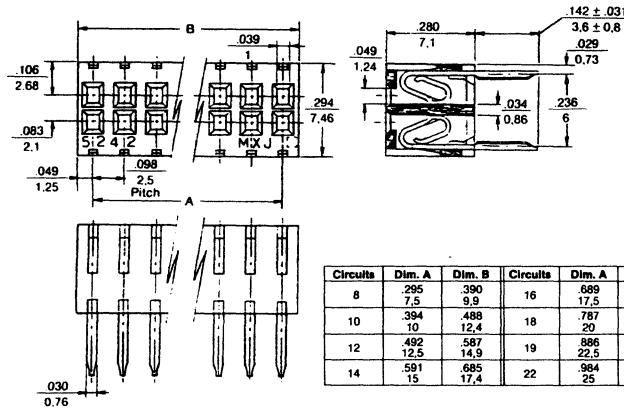
38R25



Circuits	Dims. A & C	Dim. B	Circuits	Dims. A & C	Dim. B	Circuits	Dims. A & C	Dim. B	Circuits	Dims. A & C	Dim. B	Circuits	Dims. A & C	Dim. B
2	.079 2	.232 5,9	6	.394 10	.547 13,9	10	.709 18	.862 21,9	14	1.024 26	1.177 29,9	18	1.339 34	1.492 37,9
3	.157 4	.311 7,9	7	.472 12	.626 15,9	11	.787 20	.941 23,9	15	1.102 28	1.256 31,9	19	1.417 36	1.571 39,9
4	.236 6	.390 9,9	8	.551 14	.705 17,9	12	.866 22	1.020 25,9	16	1.181 30	1.335 33,9	20	1.496 38	1.650 41,9
5	.315 8	.469 11,9	9	.630 16	.783 19,9	13	.945 24	1.098 27,9	17	1.260 32	1.413 35,9			

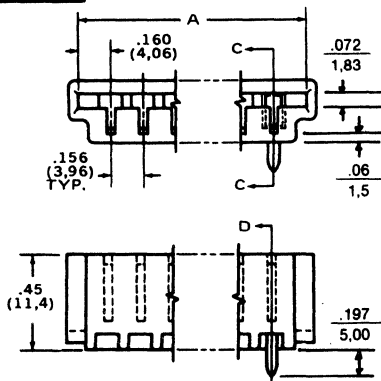
OUTLINE DRAWINGS

38R6

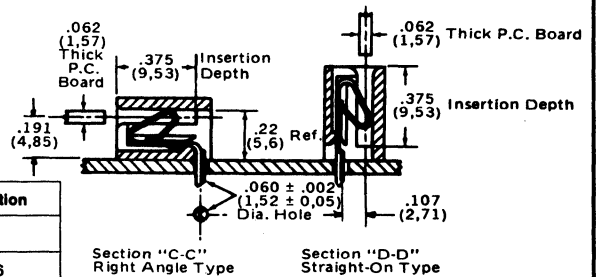


Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B	Circuits	Dim. A	Dim. B
8	.295 7.5	.390 9.9	16	.689 17.5	.783 19.9	24	1.083 27.5	1.177 29.9	30	1.378 35	1.472 37.4	36	1.873 47.5	1.768 44.9
10	.394 10	.488 12.4	18	.787 20	.882 22.4	26	1.181 30	1.276 32.4	32	1.476 37.5	1.571 39.9	38	1.772 45	1.866 47.4
12	.492 12.5	.587 14.9	19	.886 22.5	.980 24.9	27	1.280 32.5	1.374 34.9	34	1.575 40	1.669 42.4	40	1.870 47.5	1.965 49.9
14	.591 15	.685 17.4	22	.984 25	1.071 27.2									

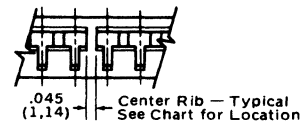
38R19



Circuits	Dim. A	Center Rib Location
6	1.100 ± .015 27.94 ± 0.38	None
9	1.568 ± .015 39.83 ± 0.38	Between ckt. 5 & 6
10	1.724 ± .015 43.79 ± 0.38	(2) Between ckt. 4 & 5; 7 & 8

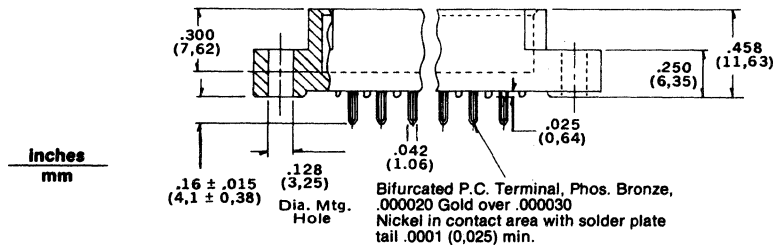
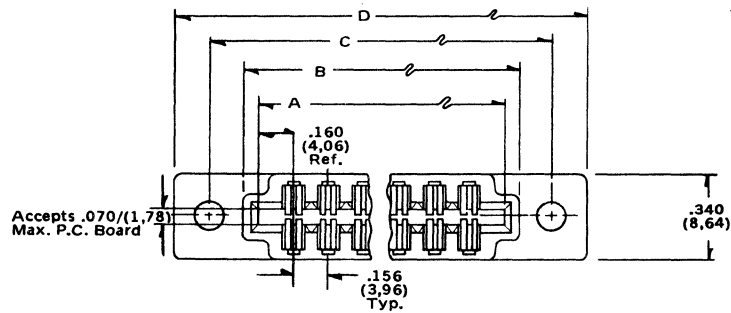


Section "C-C" Right Angle Type Section "D-D" Straight-On Type



Inches
mm

38R20



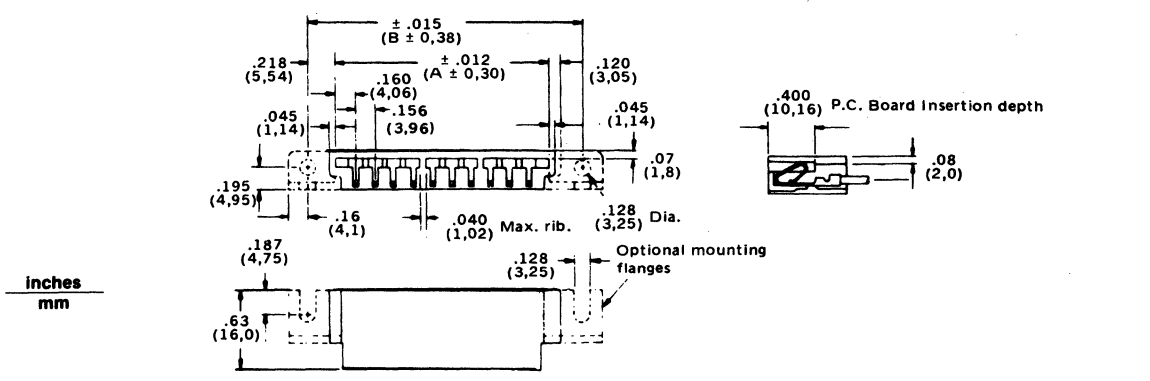
Inches
mm

Positions	Dim. A	Dim. B	Dim. C*	Dim. D*	Positions	Dim. A	Dim. B	Dim. C*	Dim. D*	Positions	Dim. A	Dim. B	Dim. C*	Dim. D*
6	1.100 27.94	1.244 31.60	1.532 38.91	1.780 45.21	15	2.504 63.60	2.648 67.26	2.936 74.57	3.184 80.87	24	3.908 99.26	4.052 102.92	4.340 110.23	4.588 116.53
10	1.724 43.78	1.868 47.45	2.156 54.76	2.404 61.06	18	2.972 75.48	3.116 79.15	3.404 86.46	3.652 92.76	25	4.064 103.22	4.208 106.88	4.496 114.19	4.744 120.49
12	2.036 51.71	2.180 55.37	2.468 62.68	2.716 68.98	22	3.596 91.33	3.740 95.05	4.028 102.31	4.276 108.61					

*With Mounting Flange Only

OUTLINE DRAWINGS

38R23

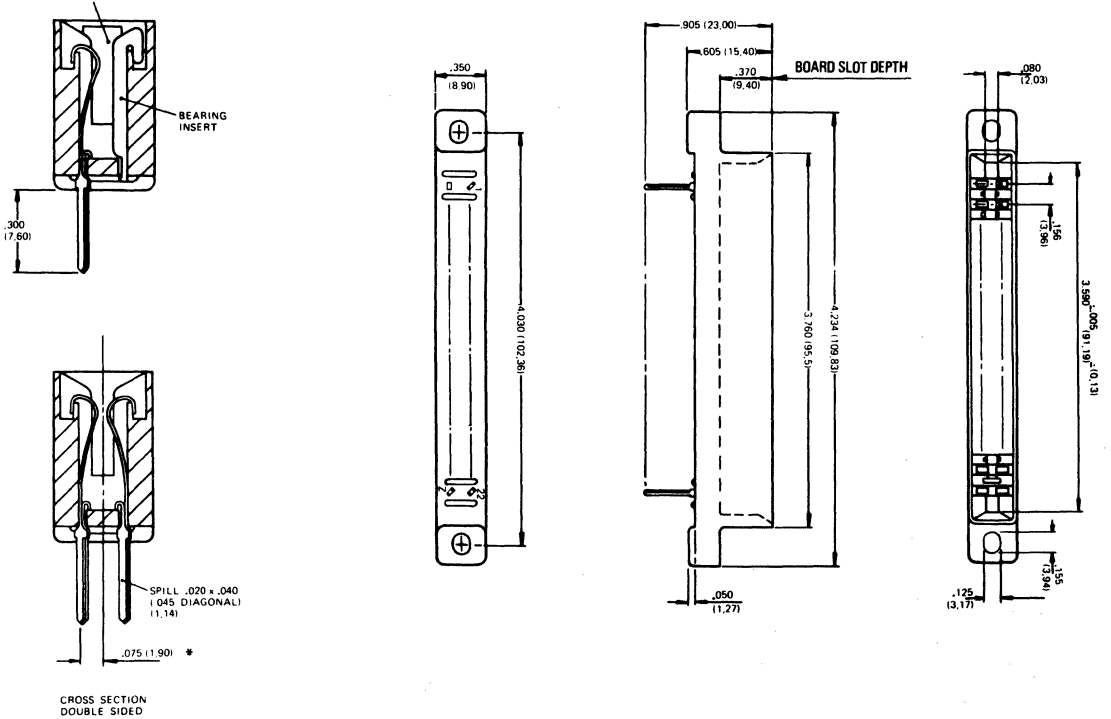


inches
mm

Circuits	Dim. A	Dim. B	Center Ribs Between Circuits	Circuits	Dim. A	Dim. B	Center Ribs Between Circuits
3	.832 18,05	1.14 29,0		9(d)	1.568 39,83	2.00 50,8	3 & 4 and 5 & 6
4	.788 20,02	1.30 33,02		10(e)	1.724 43,79	2.16 54,9	4 & 5 and 7 & 8
5	.944 23,98	1.38 35,1		12(k)	2.036 51,71	2.47 62,74	5 & 6 and 8 & 9
6	1.100 27,94	1.54 39,1		15(f)	2.504 63,60	2.94 74,7	4 & 5, 7 & 8 and 11 & 12
6(a)	1.100 27,94	1.54 39,1	2 & 3	16(h)	2.600 \pm .012 67,56 \pm 0,30	3.096 \pm .015 78,64 \pm 0,38	4 & 5, 7 & 8, 11 & 12 and 15 & 16
7(b)	1.256 31,90	1.69 42,9	3 & 4	17(l)	2.816 71,53	3.25 82,55	5 & 6, 10 & 11 and 14 & 15
8	1.412 35,86	1.85 47,0		18(g)	2.972 75,49	3.41 86,6	5 & 6 and 10 & 11
8(a)	1.412 35,86	1.85 47,0	2 & 3	19(n)	3.128 79,45	3.56 90,4	5 & 6, 11 & 12 and 16 & 17
8(b)	1.412 35,86	1.85 47,0	3 & 4	21(m)	3.440 \pm .015 87,38 \pm 0,38	3.88 \pm .015 98,55 \pm 0,38	5 & 6, 10 & 11 and 15 & 16
8(c)	1.412 35,86	1.85 47,0	5 & 6	22(n)	3.596 \pm .015 91,34 \pm 0,38	4.03 \pm .020 102,36 \pm 0,51	5 & 6, 11 & 12 and 16 & 17
9 (a)	1.568 39,83	2.00 50,8	2 & 3	24(j)	3.908 \pm .020 99,26 \pm 0,51	4.34 \pm .020 110,2 \pm 0,50	4 & 5, 8 & 9, 12 & 13, 16 & 17, 20 & 21
9(c)	1.568 39,83	2.00 50,8	5 & 6				

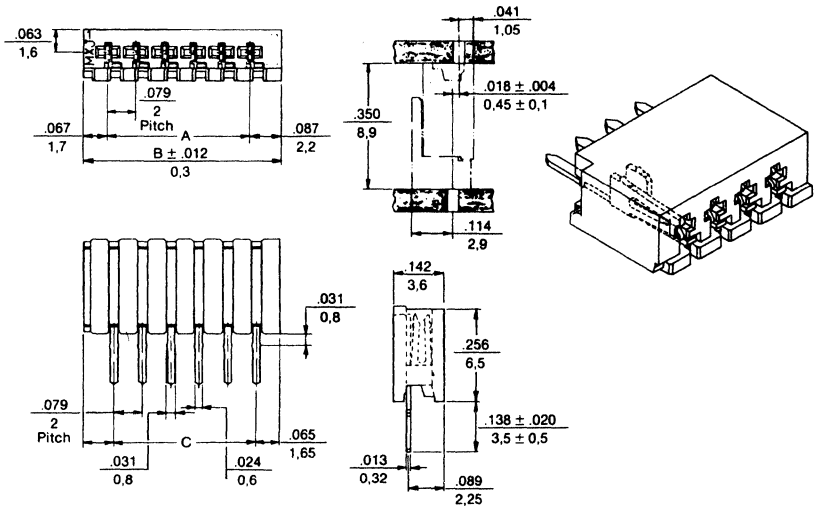
39R1

BETWEEN POLE POLARISING KEY .031 THK
FLUSH WITH TOP ALTERNATIVE KEY
.036 PROUD



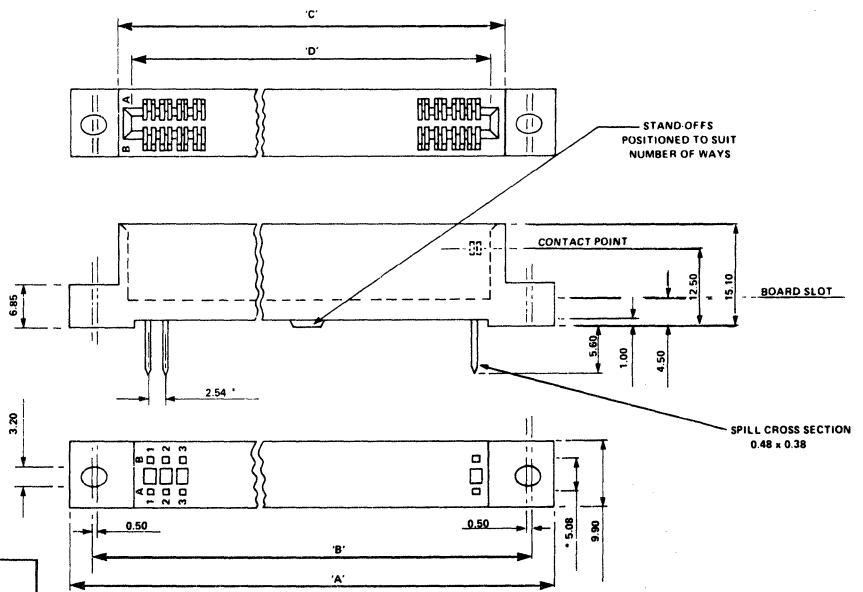
OUTLINE DRAWINGS

38R26



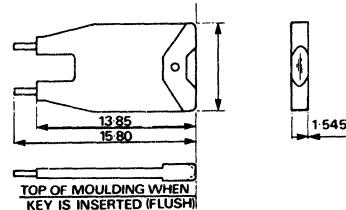
Circuits	Dim. A & C	Dim. B	Circuits	Dim. A & C	Dim. B	Circuits	Dim. A & C	Dim. B	Circuits	Dim. A & C	Dim. B	Circuits	Dim. A & C	Dim. B
2	.079 2	.232 5.9	6	.394 10	.547 13.9	10	.709 18	.862 21.9	14	1.024 26	1.177 29.9	18	1.339 34	1.492 37.9
3	.157 4	.311 7.9	7	.472 12	.626 15.9	11	.787 20	.941 23.9	15	1.102 28	1.256 31.9	19	1.417 36	1.571 39.9
4	.236 6	.390 9.9	8	.551 14	.705 17.9	12	.866 22	1.020 25.9	16	1.181 30	1.335 33.9	20	1.496 38	1.650 41.9
5	.315 8	.469 11.9	9	.630 16	.783 19.9	13	.945 24	1.098 27.9	17	1.260 32	1.413 35.9			

39R3



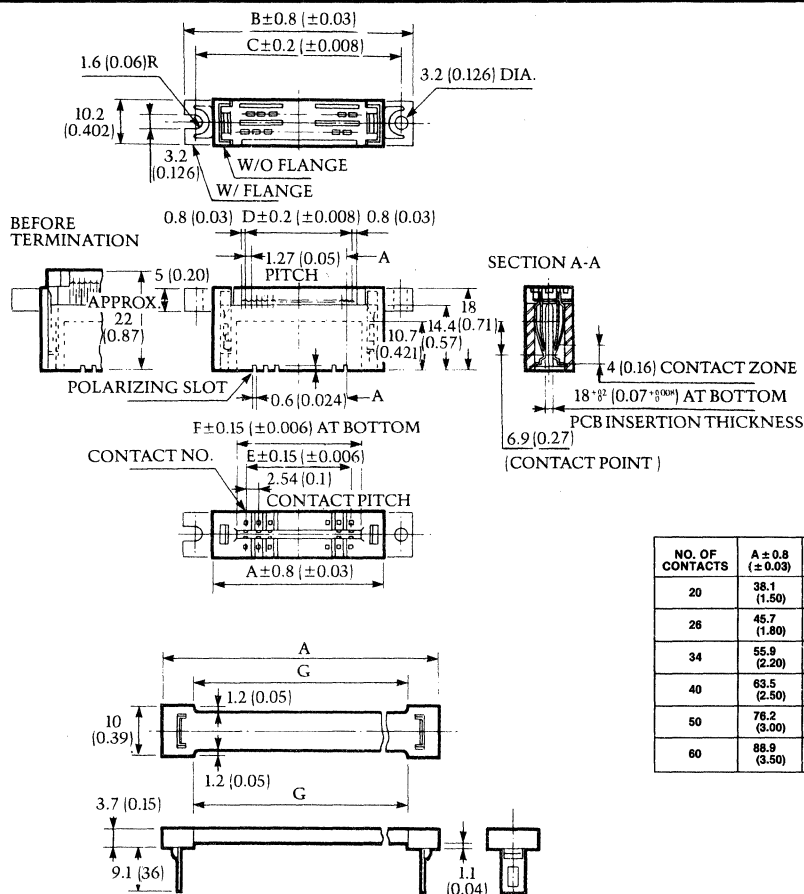
NO. OF CONTACTS	DIMENSIONS			
	A	B	C	D
19/19	69.0	62.0	54.7	50.6
25/25	84.2	77.2	70.0	65.9
31/31	99.5	92.5	85.2	81.1
37/37	114.7	107.7	100.5	96.4
43/43	129.9	122.9	115.7	111.6
49/49	145.2	138.2	131.0	126.8

Polarising Key K40



OUTLINE DRAWINGS

39R7

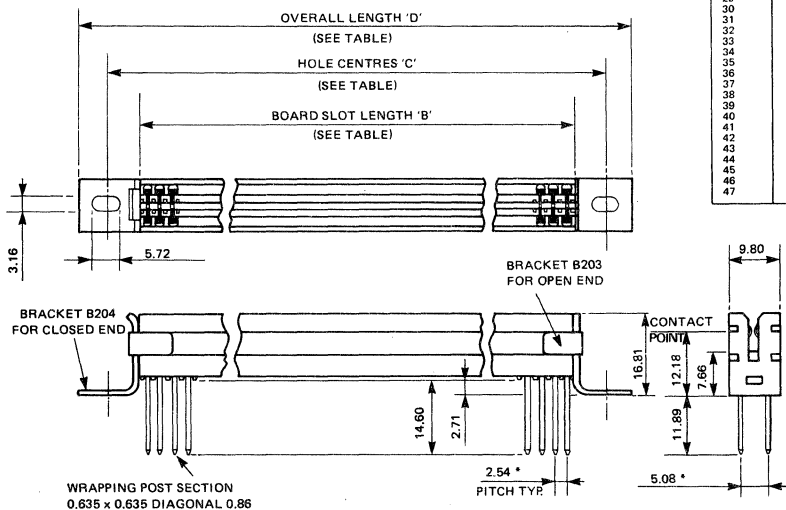


NO. OF CONTACTS	A ± 0.8 (± 0.03)		B ± 0.8 (± 0.03)		C ± 0.2 (± 0.01)		D ± 0.2 (± 0.01)		E ± 0.15 (± 0.006)		F ± 0.15 (± 0.006)		STRAIN RELIEF	
	A	G	A	G	A	G	A	G	A	G	A	G	A	G
20	38.1 (1.50)	25.93 (1.02)	50.8 (2.00)	28.04 (1.10)	45.7 (1.80)	24.13 (0.95)	22.86 (0.90)	28.04 (1.10)	38.1 (1.50)	25.93 (1.02)	38.1 (1.50)	25.93 (1.02)	38.1 (1.50)	25.93 (1.02)
28	45.7 (1.80)	33.55 (1.32)	58.4 (2.30)	35.66 (1.40)	53.3 (2.10)	31.75 (1.25)	30.48 (1.20)	35.66 (1.40)	45.7 (1.80)	33.55 (1.32)	45.7 (1.80)	33.55 (1.32)	45.7 (1.80)	33.55 (1.32)
34	55.9 (2.20)	43.71 (1.72)	68.6 (2.70)	45.82 (1.80)	63.5 (2.50)	41.9 (1.65)	40.64 (1.60)	45.82 (1.80)	55.9 (2.20)	43.71 (1.72)	55.9 (2.20)	43.71 (1.72)	55.9 (2.20)	43.71 (1.72)
40	63.5 (2.50)	51.33 (2.02)	76.2 (3.00)	53.44 (2.10)	71.1 (2.80)	49.53 (1.95)	48.26 (1.90)	53.44 (2.10)	63.5 (2.50)	51.33 (2.02)	63.5 (2.50)	51.33 (2.02)	63.5 (2.50)	51.33 (2.02)
50	76.2 (3.00)	64.03 (2.52)	88.9 (3.50)	66.14 (2.60)	83.8 (3.30)	62.23 (2.45)	60.96 (2.40)	66.14 (2.60)	76.2 (3.00)	64.03 (2.52)	76.2 (3.00)	64.03 (2.52)	76.2 (3.00)	64.03 (2.52)
60	88.9 (3.50)	76.73 (3.02)	101.6 (4.00)	78.84 (3.10)	96.5 (3.80)	74.93 (2.95)	73.66 (2.90)	78.84 (3.10)	88.9 (3.50)	76.73 (3.02)	88.9 (3.50)	76.73 (3.02)	88.9 (3.50)	76.73 (3.02)

39R4

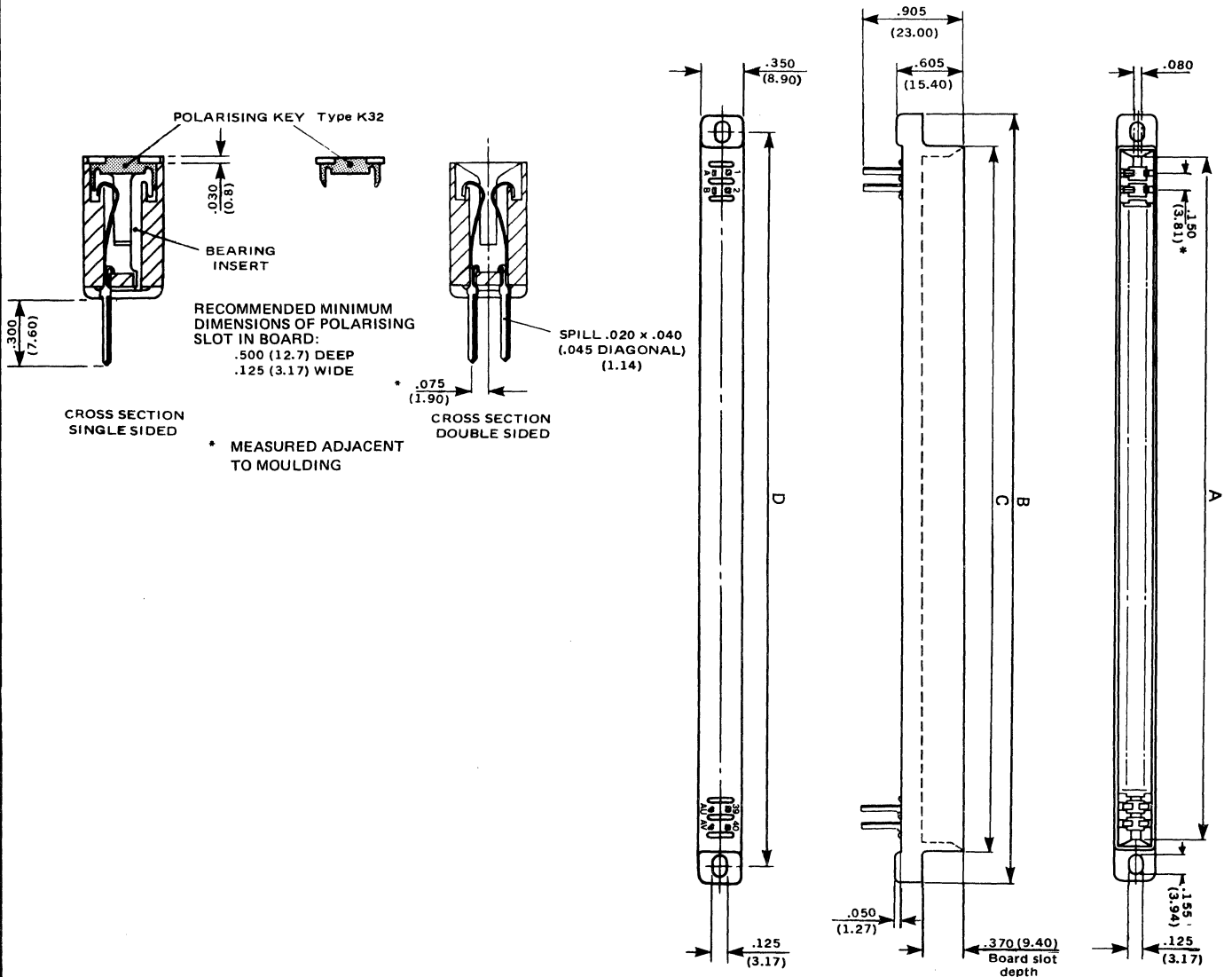
NO OF WAYS	B	C	D
	BOARD SLOT LENGTH	HOLE CENTRES (METAL BRACKETS)	OVERALL LENGTH (METAL BRACKETS)
5	13.47	25.67	36.27
6	16.01	28.21	38.81
7	18.55	30.75	41.35
8	21.09	33.29	43.89
9	23.63	35.83	46.43
10	26.17	38.37	48.97
11	28.71	40.91	51.51
12	31.25	43.45	54.05
13	33.79	45.99	56.59
14	36.33	48.53	59.13
15	38.87	51.07	61.67
16	41.41	53.61	64.21
17	43.95	56.15	66.75
18	46.49	58.69	69.29
19	49.03	61.23	71.83
20	51.57	63.77	74.37
21	54.11	66.31	76.91
22	56.65	68.85	79.45
23	59.19	71.39	81.99
24	61.73	73.93	84.53
25	64.27	76.47	87.07
26	66.81	79.01	89.61
27	69.35	81.55	92.15
28	71.89	84.09	94.69
29	74.43	86.63	97.23
30	76.97	89.17	99.77
31	79.51	91.71	102.31
32	82.05	94.25	104.85
33	84.59	96.79	107.39
34	87.13	99.33	109.93
35	89.67	101.87	112.47
36	92.21	104.41	115.01
37	94.75	106.95	117.55
38	97.29	109.49	120.09
39	99.83	112.03	122.63
40	102.37	114.57	125.17
41	104.91	117.11	127.71
42	107.45	119.65	130.25
43	109.99	122.19	132.79
44	112.53	124.73	135.33
45	115.07	127.27	137.87
46	117.61	129.81	140.41
47	120.15	132.35	142.95

NO OF WAYS	B	C	D
	BOARD SLOT LENGTH	HOLE CENTRES (METAL BRACKETS)	OVERALL LENGTH (METAL BRACKETS)
48	122.69	134.89	145.49
49	125.23	137.43	148.03
50	127.77	139.97	150.57
51	130.31	142.51	153.11
52	132.85	145.05	155.65
53	135.39	147.59	158.19
54	137.93	150.13	160.73
55	140.47	152.67	163.27
56	143.01	155.21	165.81
57	145.55	157.75	168.35
58	148.09	160.29	170.89
59	150.63	162.83	173.43
60	153.17	165.37	175.97
61	155.71	167.91	178.51
62	158.25	170.45	181.05
63	160.79	172.99	183.59
64	163.33	175.53	186.13
65	165.87	178.07	188.67
66	168.41	180.61	191.21
67	170.95	183.15	193.75
68	173.49	185.69	196.29
69	176.03	188.23	198.83
70	178.57	190.77	201.37
71	181.11	193.31	203.91
72	183.65	195.85	206.45
73	186.19	198.39	208.99
74	188.73	200.93	211.53
75	191.27	203.47	214.07
76	193.81	206.01	216.61
77	196.35	208.55	219.15
78	198.89	211.09	221.69
79	201.43	213.63	224.23
80	203.97	216.17	226.77
81	206.51	218.71	229.31
82	209.05	221.25	231.85
83	211.59	223.79	234.39
84	214.13	226.33	236.93
85	216.67	228.87	239.47
86	219.21	231.41	242.01
87	221.75	233.95	244.55
88	224.29	236.49	247.09
89	226.83	239.03	249.63
90	229.37	241.57	252.17



OUTLINE DRAWINGS

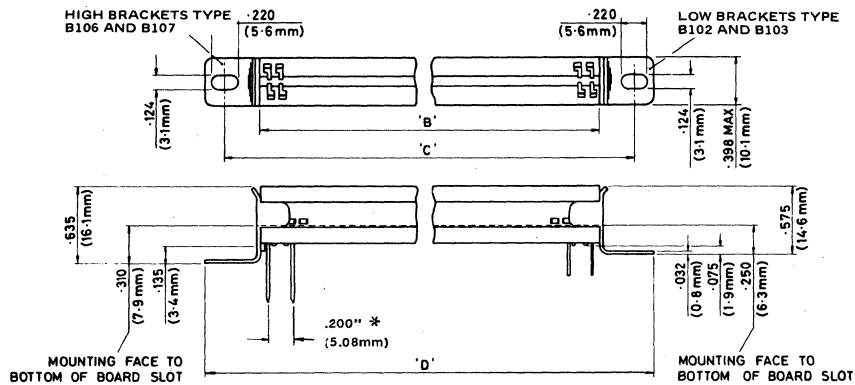
39R2



Dimension	8-way		16-way		24-way		32-way		40-way	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
A	1.350 ±.005	34.29 ±0.13	2.550 ±.005	64.77 ±0.13	3.750 ±.005	95.25 ±0.13	4.950 ±.005	125.73 ±0.13	6.150 ±.005	156.21 ±0.13
B	2.084	52.93	3.284	83.41	4.484	113.89	5.684	144.37	6.884	174.85
C	1.520	38.61	2.720	69.10	3.920	99.57	5.120	130.05	6.320	160.53
D	1.800	45.72	3.00	76.20	4.200	106.68	5.400	137.16	6.600	167.64

OUTLINE DRAWINGS

39R5



CONNECTOR WITH PLASTIC END BRACKETS

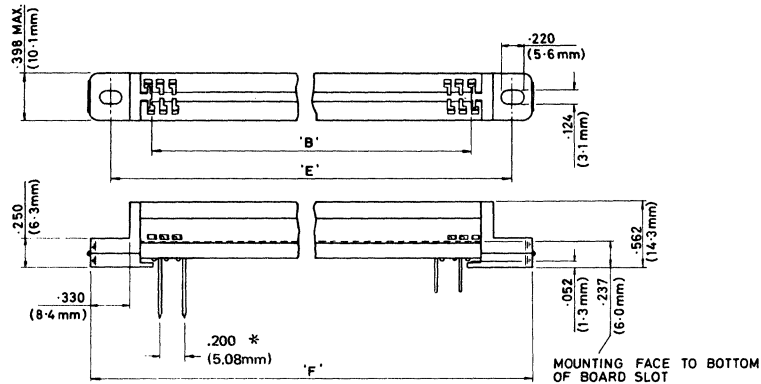
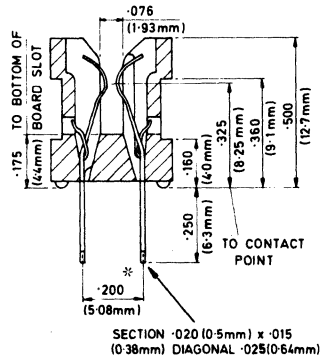
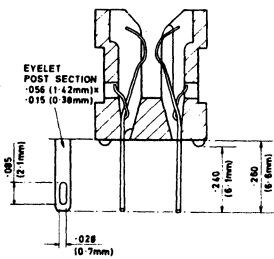


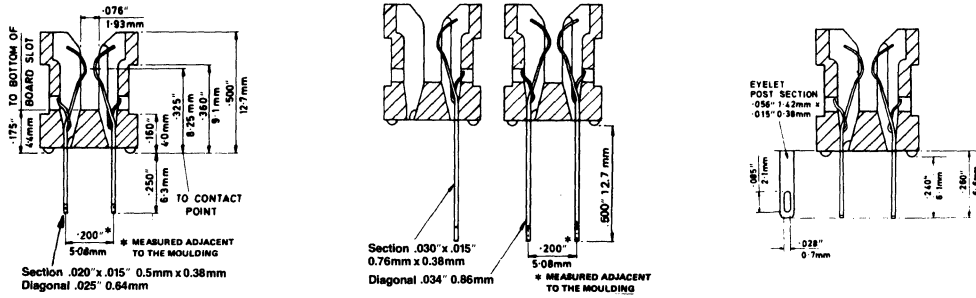
TABLE OF DIMENSIONS

No. of Ways	Dimension B Board Slot Length Metal & Plastic Brackets		Dimension C Hole Centres Metal Brackets		Dimension D Overall Length Metal Brackets		Dimension E Hole Centres Plastic Brackets		Dimension F Overall Length Plastic Brackets	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
3	.538	13.7	1.12	28.4	1.46	37.0	1.24	31.5	1.64	41.7
4	.738	18.8	1.32	33.5	1.66	42.1	1.44	36.6	1.84	46.7
5	.938	23.8	1.52	38.6	1.86	47.2	1.64	41.7	2.04	51.8
6	1.138	28.9	1.72	43.6	2.06	52.3	1.84	46.7	2.24	56.9
7	1.338	34.0	1.92	48.7	2.26	57.4	2.04	51.8	2.44	62.0
8	1.538	39.1	2.12	53.8	2.46	62.4	2.24	56.9	2.64	67.1
9	1.738	44.2	2.32	58.9	2.66	67.5	2.44	62.0	2.84	72.1
10	1.938	49.2	2.52	64.0	2.86	72.6	2.64	67.1	3.04	77.2
11	2.138	54.3	2.72	69.0	3.06	77.7	2.84	72.1	3.24	82.3
12	2.338	59.4	2.92	74.1	3.26	82.8	3.04	77.2	3.44	87.4
13	2.538	64.5	3.12	79.2	3.46	87.8	3.24	82.3	3.64	92.5
14	2.738	69.6	3.32	84.3	3.66	92.9	3.44	87.4	3.84	97.5
15	2.938	74.6	3.52	89.4	3.86	98.0	3.64	92.5	4.04	102.6
16	3.138	79.7	3.72	94.4	4.06	103.1	3.84	97.5	4.24	107.7
17	3.338	84.8	3.92	99.5	4.26	108.2	4.04	102.6	4.44	112.8
18	3.538	89.9	4.12	104.6	4.46	113.2	4.24	107.7	4.64	117.9
19	3.738	95.0	4.32	109.7	4.66	118.3	4.44	112.8	4.84	122.9
20	3.938	100.0	4.52	114.8	4.86	123.4	4.64	117.9	5.04	128.0
21	4.138	105.1	4.72	119.8	5.06	128.5	4.84	122.9	5.24	133.1
22	4.338	110.2	4.92	124.9	5.26	133.6	5.04	128.0	5.44	138.2
23	4.538	115.3	5.12	130.0	5.46	138.6	5.24	133.1	5.64	143.3
24	4.738	120.4	5.32	135.1	5.66	143.7	5.44	138.2	5.84	148.3
25	4.938	125.4	5.52	140.2	5.86	148.8	5.64	143.3	6.04	153.4
26	5.138	130.5	5.72	145.2	6.06	153.9	5.84	148.3	6.24	158.5
27	5.338	135.6	5.92	150.3	6.26	159.0	6.04	153.4	6.44	163.6
28	5.538	140.7	6.12	155.4	6.46	164.0	6.24	158.5	6.64	168.7
29	5.738	145.8	6.32	160.5	6.66	169.1	6.44	163.6	6.84	173.7
30	5.938	150.8	6.52	165.6	6.86	174.2	6.64	168.7	7.04	178.8
31	6.138	155.9	6.72	170.6	7.06	179.3	6.84	173.7	7.24	183.9
32	6.338	161.0	6.92	175.7	7.26	184.4	7.04	178.8	7.44	189.0
33	6.538	166.1	7.12	180.8	7.46	189.4	7.24	183.9	7.64	194.0
34	6.738	171.2	7.32	185.9	7.66	194.5	7.44	189.0	7.84	199.1
35	6.938	176.2	7.52	191.0	7.86	199.6	7.64	194.0	8.04	204.2
36	7.138	181.3	7.72	196.0	8.06	204.7	7.84	199.1	8.24	209.3
37	7.338	186.4	7.92	201.1	8.26	209.8	8.04	204.2	8.44	214.4
38	7.538	191.5	8.12	206.2	8.46	214.8	8.24	209.3	8.64	219.5
39	7.738	196.6	8.32	211.3	8.66	219.9	8.44	214.4	8.84	224.6
40	7.938	201.6	8.52	216.4	8.86	225.0	8.64	219.5	9.04	229.6
41	8.138	206.7	8.72	221.4	9.06	230.1	8.84	224.5	9.24	234.7
42	8.338	211.8	8.92	226.5	9.26	235.2	9.04	229.6	9.44	239.8
43	8.538	216.9	9.12	231.6	9.46	240.2	9.24	234.7	9.64	244.9
44	8.738	222.0	9.32	236.7	9.66	245.3	9.44	239.8	9.84	249.9
45	8.938	227.0	9.52	241.8	9.86	250.4	9.64	244.9	10.04	255.0



OUTLINE DRAWINGS

39R6



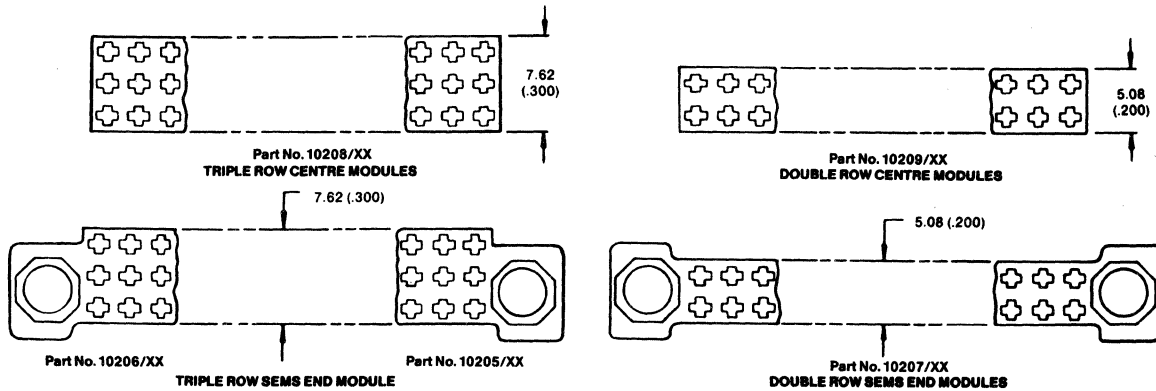
No. of Ways	Dimension B Board Slot Length Metal & Plastic Brackets		Dimension C Hole Centres Metal Brackets		Dimension D Overall Length Metal Brackets		Dimension E Hole Centres Plastic Brackets		Dimension F Overall Length Plastic Brackets	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
5	.538	13.67	1.12	28.4	1.46	37.0	1.24	31.5	1.47	37.34
6	.638	16.20	1.22	30.9	1.56	39.6	1.34	34.0	1.47	37.34
7	.738	18.73	1.32	33.5	1.66	42.1	1.44	36.6	1.67	42.42
8	.838	21.27	1.42	36.0	1.76	44.7	1.54	39.1	1.77	44.96
9	.938	23.83	1.52	38.6	1.86	47.2	1.64	41.7	1.87	47.50
10	1.038	26.37	1.62	41.1	1.96	49.7	1.74	44.2	1.97	50.04
11	1.138	28.91	1.72	43.6	2.06	52.3	1.84	46.7	2.07	52.58
12	1.238	31.45	1.82	46.2	2.16	54.8	1.94	49.3	2.17	55.12
13	1.338	33.99	1.92	48.7	2.26	57.4	2.04	51.8	2.27	57.66
14	1.438	36.53	2.02	51.3	2.36	59.9	2.14	54.4	2.34	60.20
15	1.538	39.07	2.12	53.8	2.46	62.4	2.24	56.9	2.47	62.74
16	1.638	41.61	2.22	56.3	2.56	65.0	2.34	59.4	2.57	65.28
17	1.738	44.15	2.32	58.9	2.66	67.5	2.44	62.0	2.67	67.82
18	1.838	46.69	2.42	61.4	2.76	70.1	2.54	64.5	2.77	70.36
19	1.938	49.23	2.52	64.0	2.86	72.6	2.64	67.1	2.87	72.90
20	2.038	51.77	2.62	66.5	2.96	75.1	2.74	69.6	2.97	75.44
21	2.138	54.31	2.72	69.0	3.06	77.7	2.84	72.1	3.07	77.98
22	2.238	56.85	2.82	71.6	3.16	80.2	2.94	74.7	3.17	80.52
23	2.338	59.39	2.92	74.1	3.26	82.8	3.04	77.2	3.27	83.06
24	2.438	61.93	3.02	76.7	3.36	85.3	3.14	79.8	3.37	85.60
25	2.538	64.47	3.12	79.2	3.46	87.8	3.24	82.3	3.47	88.14
26	2.638	67.01	3.22	81.7	3.56	90.4	3.34	84.8	3.57	90.68
27	2.738	69.55	3.32	84.3	3.66	92.9	3.44	87.4	3.67	93.22
28	2.838	72.09	3.42	86.8	3.76	95.5	3.54	89.9	3.77	95.76
29	2.938	74.63	3.52	89.4	3.86	98.0	3.64	92.5	3.87	98.30
30	3.038	77.17	3.62	91.9	3.96	100.5	3.74	95.0	3.97	100.84
31	3.138	79.71	3.72	94.4	4.06	103.1	3.84	97.5	4.07	103.38
32	3.238	82.25	3.82	97.0	4.16	105.6	3.94	100.1	4.17	105.92
33	3.338	84.79	3.92	99.5	4.26	108.2	4.04	102.6	4.27	108.46
34	3.438	87.33	4.02	102.1	4.36	110.7	4.14	105.2	4.37	111.00
35	3.538	89.87	4.12	104.6	4.46	113.2	4.24	107.7	4.47	113.54
36	3.638	92.41	4.22	107.1	4.56	115.8	4.34	110.2	4.57	116.08
37	3.738	94.95	4.32	109.7	4.66	118.3	4.44	112.8	4.67	118.62
38	3.838	97.49	4.42	112.2	4.76	120.9	4.54	115.3	4.77	121.16
39	3.938	100.03	4.52	114.8	4.86	123.4	4.64	117.9	4.87	123.70
40	4.038	102.57	4.62	117.3	4.96	125.9	4.74	120.4	4.97	126.24
41	4.138	105.11	4.72	119.8	5.06	128.5	4.84	122.9	5.07	128.78
42	4.238	107.65	4.82	122.4	5.16	131.0	4.94	125.5	5.17	131.32
43	4.338	110.19	4.92	124.9	5.26	133.6	5.04	128.0	5.27	133.86
44	4.438	112.73	5.02	127.5	5.36	136.1	5.14	130.6	5.37	136.40
45	4.538	115.27	5.12	130.0	5.46	138.6	5.24	133.1	5.47	138.94
46	4.638	117.81	5.22	132.5	5.56	141.2	5.34	135.6	5.57	141.48
47	4.738	120.35	5.32	135.1	5.66	143.7	5.44	138.2	5.67	144.02
48	4.838	122.89	5.42	137.6	5.76	146.3	5.54	140.7	5.77	146.56
49	4.938	125.43	5.52	140.2	5.86	148.8	5.64	143.3	5.87	149.10
50	5.038	127.97	5.62	142.7	5.96	151.3	5.74	145.8	5.97	151.64
51	5.138	130.51	5.72	145.2	6.06	153.9	5.84	148.3	6.07	154.18
52	5.238	133.05	5.82	147.8	6.16	156.4	5.94	150.9	6.17	156.72
53	5.338	135.59	5.92	150.3	6.26	159.0	6.04	153.4	6.27	159.26
54	5.438	138.13	6.02	152.9	6.36	161.5	6.14	156.0	6.37	161.80
55	5.538	140.67	6.12	155.4	6.46	164.0	6.24	158.5	6.47	164.34
56	5.638	143.21	6.22	157.9	6.56	166.6	6.34	161.0	6.57	166.88
57	5.738	145.75	6.32	160.5	6.66	169.1	6.44	163.6	6.67	169.42
58	5.838	148.29	6.42	163.0	6.76	171.7	6.54	166.1	6.77	171.96
59	5.938	150.83	6.52	165.6	6.86	174.2	6.64	168.7	6.87	174.50
60	6.038	153.37	6.62	168.1	6.96	176.7	6.74	171.2	6.97	177.04
61	6.138	155.91	6.72	170.6	7.06	179.3	6.84	173.7	7.07	179.58
62	6.238	158.45	6.82	173.2	7.16	181.8	6.94	176.3	7.17	182.12
63	6.338	160.99	6.92	175.7	7.26	184.4	7.04	178.8	7.27	184.66
64	6.438	163.53	7.02	178.3	7.36	186.9	7.14	181.4	7.37	187.20
65	6.538	166.07	7.12	180.8	7.46	189.4	7.24	183.9	7.47	189.74
66	6.638	168.61	7.22	183.3	7.56	192.0	7.34	186.4	7.57	192.28
67	6.738	171.15	7.32	185.9	7.66	194.5	7.44	189.0	7.67	194.82
68	6.838	173.69	7.42	188.4	7.76	197.1	7.54	191.5	7.77	197.36
69	6.938	176.23	7.52	191.0	7.86	199.6	7.64	194.0	7.87	199.90
70	7.038	178.77	7.62	193.2	7.96	202.1	7.74	196.6	7.97	202.44
71	7.138	181.31	7.72	196.0	8.06	204.7	7.84	199.1	8.07	204.98
72	7.238	183.85	7.82	198.3	8.16	207.2	7.94	201.7	8.17	207.52
73	7.338	186.39	7.92	201.1	8.26	209.8	8.04	204.2	8.27	210.06
74	7.438	188.93	8.02	203.7	8.36	212.3	8.14	206.8	8.37	212.60
75	7.538	191.47	8.12	206.2	8.46	214.8	8.24	209.3	8.47	215.14
76	7.638	194.01	8.22	208.7	8.56	217.4	8.34	211.8	8.57	217.68
77	7.738	196.55	8.32	211.3	8.66	219.9	8.44	214.4	8.67	220.22
78	7.838	199.09	8.42	213.8	8.76	222.5	8.54	216.9	8.77	222.76
79	7.938	201.63	8.52	216.4	8.86	225.0	8.64	219.5	8.87	225.30
80	8.038	204.17	8.62	218.9	8.96	227.5	8.74	222.0	8.97	227.84
81	8.138	206.71	8.72	221.4	9.06	230.1	8.84	224.5	9.07	230.38
82	8.238	209.25	8.82	224.0	9.16	232.6	8.94	227.1	9.17	232.92
83	8.338	211.79	8.92	226.5	9.26	235.2	9.04	229.6	9.27	235.46
84	8.438	214.33	9.02	229.1	9.36	237.7	9.14	232.2	9.37	238.00
85	8.538	216.87	9.12	231.6	9.46	240.2	9.24	234.7	9.47	240.54
86	8.638	219.41	9.22	234.1	9.56	242.8	9.34	237.2	9.57	243.08
87	8.738	221.95	9.32	236.7	9.66	245.3	9.44	239.8	9.67	245.62
88	8.838	224.49	9.42	239.2	9.76	247.9	9.54	242.3	9.77	248.16
89	8.938	227.03	9.52	241.8	9.86	250.4	-	-	-	-
90	9.038	229.57	9.62	244.3	9.96	253.0	-	-	-	-

NOTE: Connectors fitted with plastic feet can be supplied up to a maximum of 88 ways.

OUTLINE DRAWINGS

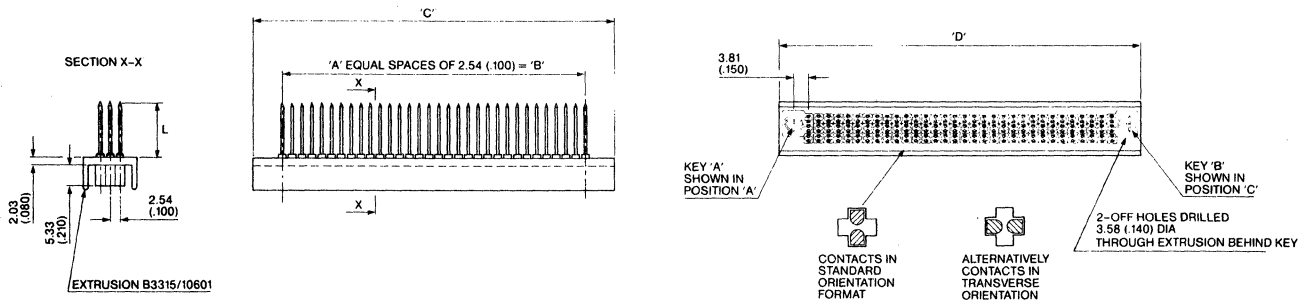
39R8

NOTE: Contacts are on 2.54 x 2.54 (0.100 x 0.100) grid.
XX is the number of positions in each row



NOTE: Module insulators are moulded 32 contact openings long and may be shortened to accommodate any number of contacts. Recommended minimum length is 5 contact openings per insulator module for reliable insertion.

39R9



Dimensions shown in millimetres (inches)

Example - For 100 contact 2 Row Socket

$A = \frac{X}{2} - 1$	$A = \frac{100}{2} - 1 = 49$
$B = A \times 2.54\text{mm}$ (.100")	$B = 49 \times 2.54 (.100")$ $= 124.5\text{mm} (4.900")$
$C = B + 15.24\text{mm}$ (.600")	$C = 124.5\text{mm} (4.900")$ $+ 15.24\text{mm} (.600")$ $= 139.74\text{mm} (5.500")$
$D = B + 7.62\text{mm}$ (.300")	$D = 124.5\text{mm} (4.900")$ $+ 7.62\text{mm} (.300")$ $= 132.12\text{mm} (5.200")$
$L = \text{See Table}$	

Note: X = Total number of contacts

For 2 Row Socket $A = \frac{X}{2} - 1$
For 3 Row Socket $A = \frac{X}{3} - 1$
For 4 Row Socket $A = \frac{X}{4} - 1$

Notes:

* XXX specifies contact plating finish. Refer to table on page 3.
† Other lengths of contact spill are available in both solder and wire wrap variants.

For S1000, S1200 and S1500
(0.63mm (.025") square wrap)

Part Number*	L†
010-2519-XXX	6.05mm (.238")
010-2503-XXX	7.57mm (.298")
010-2532-XXX	10.36mm (.408")
010-2500-XXX	14.22mm (.56")
010-2514-XXX	17.60mm (.693")
010-2502-XXX	20.57mm (.81")

For S1001, S1201 and S1501
(Ø 0.41mm (.016") solder spill)

Part Number*	L†
010-2013-XXX	3.61mm (.142")
010-2003-XXX	4.75mm (.187")
010-2001-XXX	7.29mm (.287")
010-2004-XXX	8.86mm (.349")

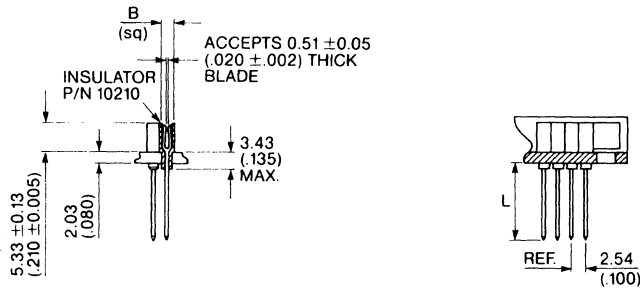
For further information contact Ferranti.

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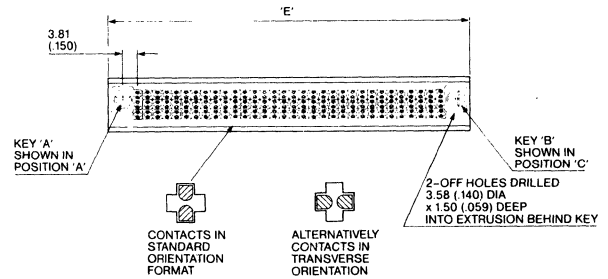
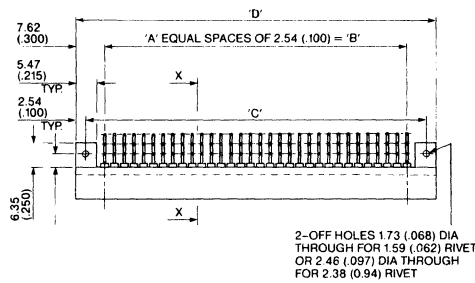
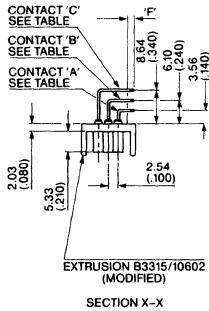
OUTLINE DRAWINGS

39R9

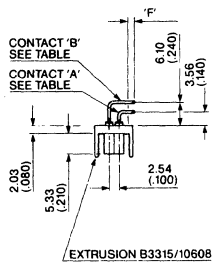
Continued from previous page



39R10



Dimensions shown in millimetres (inches)



For use with 1.57mm (.062") Extender PCB

Contact	Part Number*	DIM.F †
A	010-2027-XXX	2.67mm (.105") ± .38 (.015")
B	010-2006-XXX	2.67mm (.105") ± .38 (.015")
C	010-2011-XXX	2.67mm (.105") ± .38 (.015")

For use with 3.18mm (.125") Extender PCB

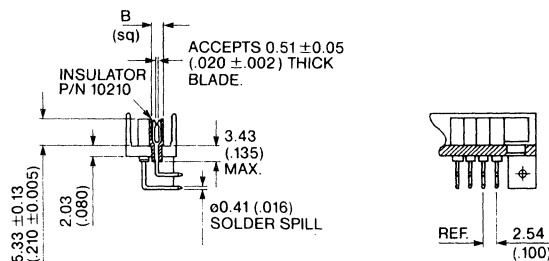
Contact	Part Number*	DIM.F †
A	010-2005-XXX	3.56mm (.140") ± .25 (.010")
B	010-2006-XXX	3.56mm (.140") ± .25 (.010")
C	010-2011-XXX	3.56mm (.140") ± .25 (.010")

Example - For 100 Contact 2 Row Card Extender

$$\begin{aligned}
 A &= \frac{X}{2} - 1 & A &= \frac{100}{2} - 1 = 49 \\
 B &= A \times 2.54\text{mm} & B &= 49 \times 2.54\text{mm} (.100") \\
 & \quad (.100") & & = 124.5\text{mm} (4.900") \\
 C &= B + 10.16\text{mm} & C &= 124.5\text{mm} (4.900") \\
 & \quad (.400") & & + 10.16\text{mm} (.400") \\
 & & & = 134.6\text{mm} (5.300") \\
 D &= B + 15.24\text{mm} & D &= 124.5\text{mm} (4.900") \\
 & \quad (.600") & & + 15.24\text{mm} (.600") \\
 & & & = 139.7\text{mm} (5.300") \\
 E &= B + 7.62\text{mm} & E &= 124.5\text{mm} (4.900") \\
 & \quad (.300") & & + 7.62\text{mm} (.300") \\
 & & & = 132.1\text{mm} (5.200") \\
 F &= \text{See table}
 \end{aligned}$$

Note: X = Total Number of Contacts

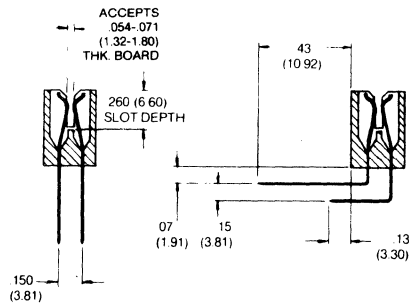
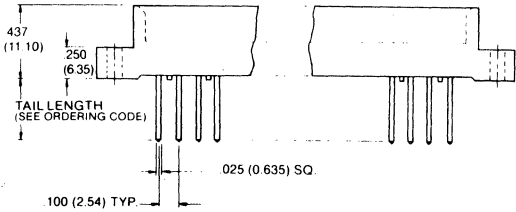
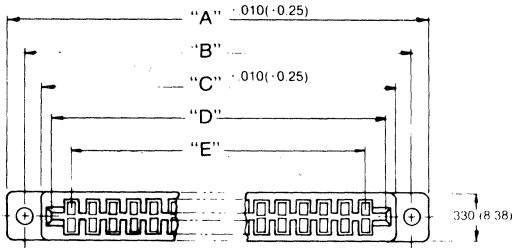
$$\begin{aligned}
 \text{For 2 Row Card Extender } A &= \frac{X}{2} - 1 \\
 \text{For 3 Row Card Extender } A &= \frac{X}{3} - 1 \\
 \text{For 4 Row Card Extender } A &= \frac{X}{4} - 1
 \end{aligned}$$



OUTLINE DRAWINGS

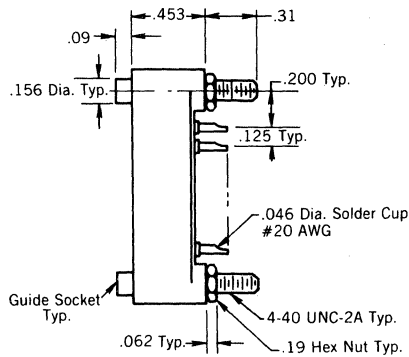
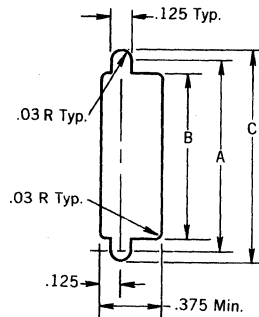
41R2

NO. OF CONTACT POSITIONS	A	B	C	D	E
06/12	1.475 (37.47)	1.175 (29.85)	.888 (22.05)	.707 (17.96)	.500 (12.70)
10/20	1.875 (47.63)	1.575 (40.01)	1.288 (32.21)	1.107 (28.12)	.900 (22.86)
12/24	2.075 (52.71)	1.775 (45.09)	1.488 (37.29)	1.307 (33.20)	1.100 (27.94)
15/30	2.375 (60.33)	2.075 (52.71)	1.788 (44.91)	1.607 (40.82)	1.400 (35.56)
18/36	2.675 (67.95)	2.375 (60.33)	2.088 (52.53)	1.907 (48.44)	1.700 (43.18)
20/40	2.875 (73.03)	2.575 (65.41)	2.288 (57.51)	2.107 (53.52)	1.900 (48.26)
22/44	3.075 (78.11)	2.775 (70.49)	2.488 (62.69)	2.307 (58.60)	2.100 (53.34)
25/50	3.375 (85.73)	3.075 (78.11)	2.788 (70.31)	2.607 (66.22)	2.400 (60.96)
28/56	3.675 (93.35)	3.375 (85.73)	3.088 (77.93)	2.907 (73.84)	2.700 (68.58)
30/60	3.875 (98.43)	3.575 (90.81)	3.288 (83.01)	3.107 (78.92)	2.900 (73.66)
31/62	3.975 (100.87)	3.675 (93.35)	3.388 (85.55)	3.207 (81.46)	3.000 (76.20)
35/70	4.375 (111.13)	4.075 (103.51)	3.788 (95.71)	3.607 (91.62)	3.400 (86.36)
38/72	4.475 (113.67)	4.175 (106.05)	3.888 (98.25)	3.707 (94.16)	3.500 (88.90)
40/80	4.875 (123.83)	4.575 (116.21)	4.288 (108.41)	4.107 (104.32)	3.900 (99.06)
50/100	5.875 (149.23)	5.575 (141.61)	5.288 (133.81)	5.107 (129.72)	4.900 (124.46)

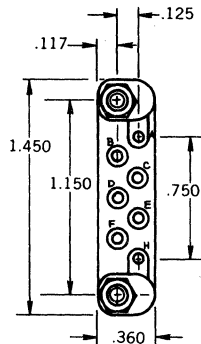


42R1

NO. OF CONTACTS	DIMENSIONS		
	A	B	C
7	1.150	1.000	1.275
15	2.150	2.000	2.275
19	2.650	2.500	2.775
25	3.400	3.250	3.525

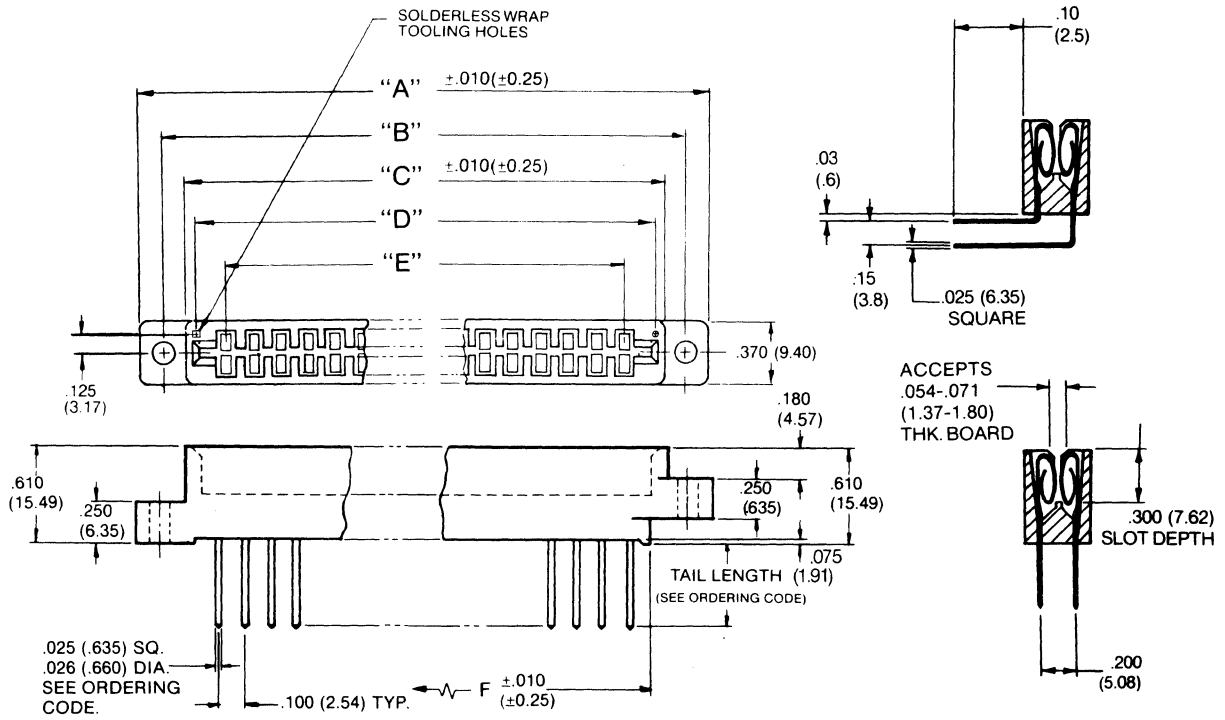


TYPICAL SIDE VIEW



OUTLINE DRAWINGS

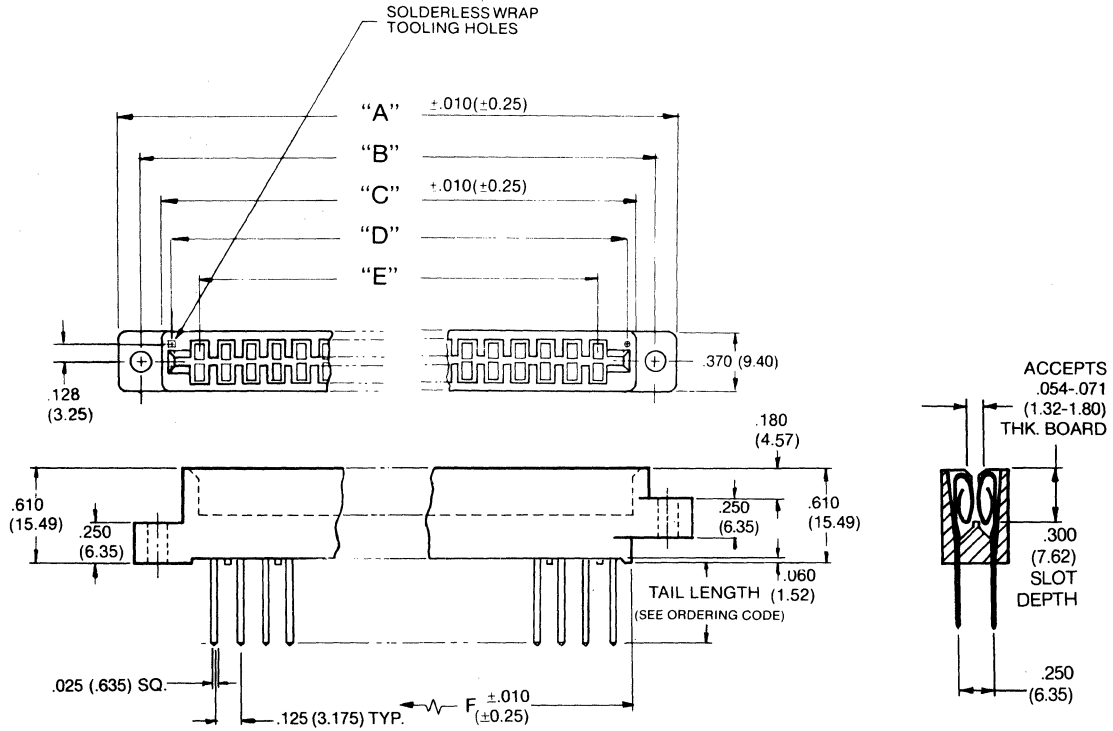
41R3



NO. OF CONTACT POSITIONS	A	B	C	D	E	F
10/20	1.835 (46.61)	1.575 (40.01)	1.260 (32.00)	1.100 (27.94)	.900 (22.86)	1.150 (29.21)
12/24	2.035 (51.69)	1.775 (45.09)	1.460 (37.08)	1.300 (33.02)	1.100 (27.94)	1.350 (34.29)
15/30	2.335 (59.31)	2.075 (52.71)	1.760 (44.70)	1.600 (40.64)	1.400 (35.56)	1.650 (41.91)
18/36	2.635 (66.93)	2.375 (60.33)	2.060 (52.32)	1.900 (48.26)	1.700 (43.18)	1.950 (49.53)
20/40	2.835 (72.01)	2.575 (65.41)	2.260 (57.40)	2.100 (53.34)	1.900 (48.26)	2.150 (54.61)
22/44	3.035 (77.09)	2.775 (70.49)	2.460 (62.48)	2.300 (58.42)	2.100 (53.34)	2.350 (59.69)
25/50	3.335 (84.71)	3.075 (78.11)	2.760 (70.10)	2.600 (66.04)	2.400 (60.96)	2.650 (67.31)
28/56	3.635 (92.33)	3.375 (85.73)	3.060 (77.72)	2.900 (73.66)	2.700 (68.58)	2.950 (74.93)
30/60	3.835 (97.41)	3.575 (90.81)	3.260 (82.80)	3.100 (78.74)	2.900 (73.66)	3.150 (80.01)
31/62	3.935 (99.95)	3.675 (93.35)	3.360 (85.34)	3.200 (81.28)N	3.000 (76.20)	3.250 (82.55)
35/70	4.335 (110.11)	4.075 (103.51)	3.760 (95.50)	3.600 (91.44)	3.400 (86.36)	3.650 (92.71)
36/72	4.435 (112.65)	4.175 (106.05)	3.860 (98.04)	3.700 (93.98)	3.500 (88.90)	3.750 (95.25)
40/80	4.835 (122.81)	4.575 (116.21)	4.260 (108.20)	4.100 (104.14)	3.900 (99.06)	4.150 (105.41)
43/86	5.135 (130.43)	4.875 (123.83)	4.560 (115.82)	4.400 (111.76)	4.200 (106.68)	4.450 (113.03)
50/100	5.835 (148.21)	5.575 (141.61)	5.260 (133.60)	5.100 (129.54)	4.900 (124.46)	5.150 (130.81)
60/120	6.835 (173.61)	6.575 (167.01)	6.260 (159.00)	6.100 (154.94)	5.900 (149.86)	6.150 (156.21)
70/140	7.835 (199.01)	7.575 (192.41)	7.260 (184.40)	7.100 (180.34)	6.900 (175.26)	7.150 (181.61)

OUTLINE DRAWINGS

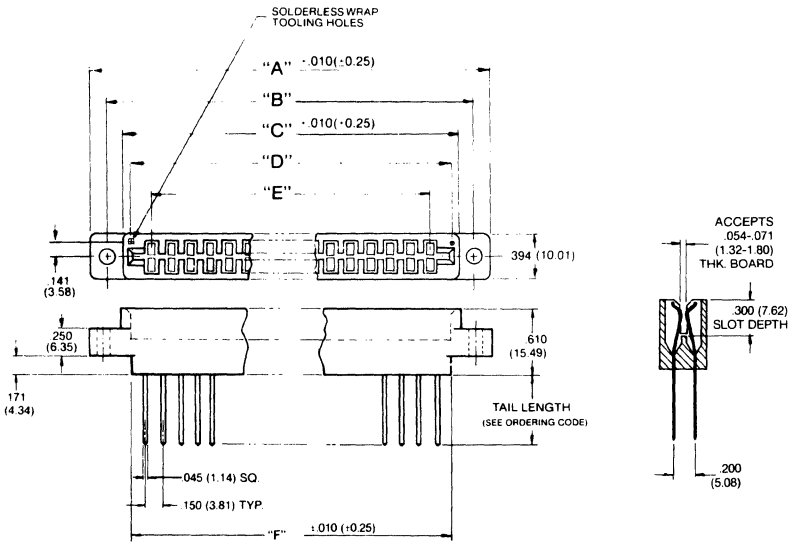
41R4



NO. OF CONTACT POSITIONS	A	B	C	D	E	F
15/30	2.680 (68.07)	2.420 (61.47)	2.160 (54.86)	2.000 (50.80)	1.750 (44.45)	2.000 (50.80)
18/36	3.055 (77.60)	2.795 (70.99)	2.535 (64.39)	2.375 (60.33)	2.125 (53.98)	2.375 (60.33)
22/44	3.555 (90.30)	3.295 (83.89)	3.035 (77.09)	2.875 (73.03)	2.625 (66.68)	2.875 (73.03)
28/56	4.305 (109.35)	4.045 (102.74)	3.785 (96.14)	3.625 (92.08)	3.375 (85.73)	3.625 (92.08)
30/60	4.555 (115.70)	4.295 (109.09)	4.035 (102.49)	3.875 (98.43)	3.625 (92.08)	3.875 (98.43)
31/62	4.680 (118.87)	4.420 (112.27)	4.160 (105.66)	4.000 (101.60)	3.750 (95.25)	4.000 (101.60)
35/70	5.180 (131.57)	4.920 (124.97)	4.660 (118.36)	4.500 (114.30)	4.250 (107.95)	4.500 (114.30)
36/72	5.305 (134.75)	5.045 (128.14)	4.785 (121.54)	4.625 (117.48)	4.375 (111.13)	4.625 (117.48)
40/80	5.805 (147.45)	5.545 (140.84)	5.285 (134.24)	5.125 (130.18)	4.875 (123.93)	5.125 (130.18)
43/86	6.180 (156.97)	5.920 (150.37)	5.660 (143.76)	5.500 (139.70)	5.250 (133.35)	5.500 (139.70)
50/100	7.055 (178.20)	6.795 (172.59)	6.535 (165.99)	6.375 (161.93)	6.125 (155.58)	6.375 (161.93)

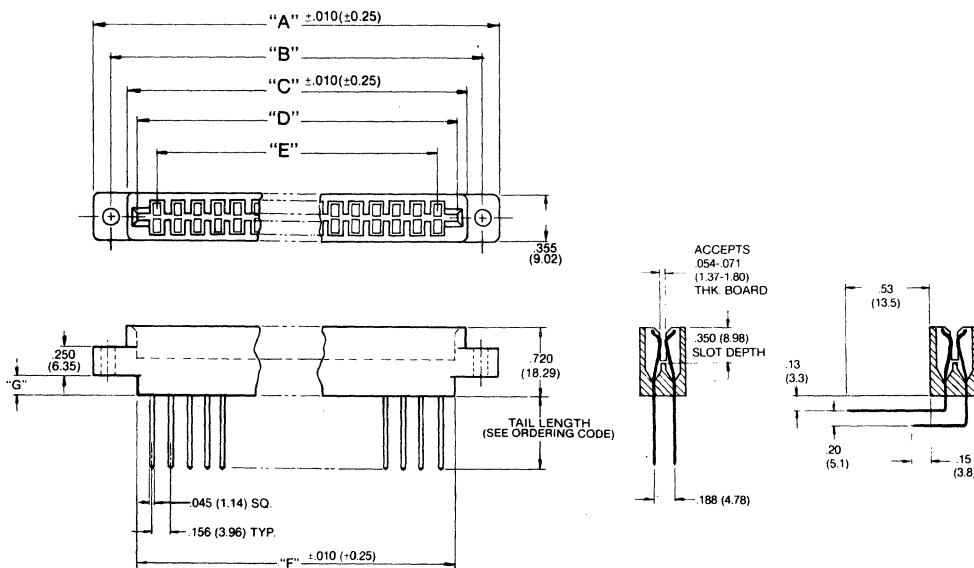
OUTLINE DRAWINGS

41R5



NO. OF CONTACT POSITIONS	A	B	C	D	E	F
■ 06/12	1.751 (44.48)	1.501 (38.13)	1.188 (30.18)	1.050 (26.67)	.750 (19.05)	1.000 (25.40)
■ 10/20	2.351 (59.72)	2.101 (53.37)	1.788 (45.42)	1.650 (41.91)	1.350 (34.29)	1.600 (40.64)
■ 15/30	3.101 (78.77)	2.851 (72.42)	2.538 (64.47)	2.400 (60.96)	2.100 (53.34)	2.350 (59.69)
■ 18/36	3.551 (90.20)	3.301 (83.85)	2.988 (75.90)	2.850 (72.39)	2.550 (64.77)	2.800 (71.12)
■ 22/44	4.151 (105.44)	3.901 (99.09)	3.588 (91.14)	3.450 (87.63)	3.150 (80.01)	3.400 (86.36)
■ 25/50	4.601 (116.87)	4.351 (110.52)	4.038 (102.57)	3.900 (99.06)	3.600 (91.44)	3.850 (97.79)
■ 28/56	5.051 (128.30)	4.801 (121.95)	4.488 (114.00)	4.350 (110.49)	4.050 (102.87)	4.300 (109.22)
■ 31/62	5.501 (139.73)	5.251 (133.38)	4.938 (125.43)	4.800 (121.92)	4.500 (114.30)	4.750 (120.65)
■ 36/72	6.251 (158.78)	6.001 (152.43)	5.688 (144.48)	5.550 (140.97)	5.250 (133.35)	5.500 (139.70)
■ 40/80	6.851 (174.02)	6.601 (167.67)	6.288 (159.72)	6.150 (156.21)	5.850 (148.59)	6.100 (154.94)
■ 43/86	7.301 (185.45)	7.051 (179.10)	6.738 (171.15)	6.600 (167.54)	6.300 (160.02)	6.550 (166.37)
■ 50/100	8.351 (212.12)	8.101 (205.77)	7.788 (197.82)	7.650 (194.31)	7.350 (186.69)	7.600 (193.04)

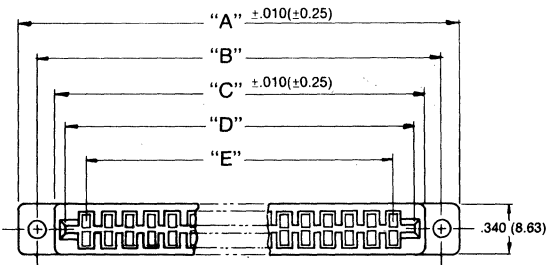
41R6



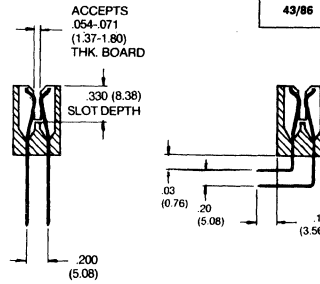
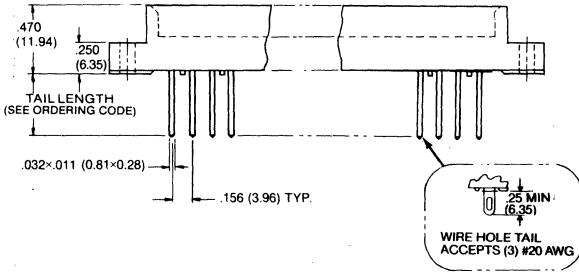
NO. OF CONTACT POSITIONS	A	B	C	D	E	F	G
6/12	1.784 (45.31)	1.534 (38.96)	1.254 (31.85)	1.100 (27.94)	.780 (19.81)	.992 (25.20)	.254 (6.45)
10/20	2.408 (61.16)	2.158 (54.81)	1.878 (47.70)	1.724 (43.79)	1.404 (35.66)	1.616 (41.05)	.254 (6.45)
■ 15/30	3.188 (80.98)	2.938 (74.63)	2.658 (67.51)	2.504 (63.60)	2.184 (55.47)	2.396 (60.86)	.254 (6.45)
■ 18/36	3.656 (92.86)	3.406 (86.51)	3.126 (79.40)	2.972 (75.49)	2.652 (67.36)	2.864 (72.75)	.254 (6.45)
22/44	4.280 (108.71)	4.030 (102.36)	3.750 (95.25)	3.596 (91.24)	3.276 (83.21)	3.488 (88.60)	.254 (6.45)
28/56	5.278 (134.06)	4.966 (126.14)	4.686 (119.02)	4.532 (115.11)	4.212 (106.98)	4.428 (112.47)	210 (5.33)
■ 36/72	6.464 (164.19)	6.214 (157.84)	5.934 (150.72)	5.780 (146.81)	5.460 (138.68)	5.672 (144.07)	.254 (6.45)

OUTLINE DRAWINGS

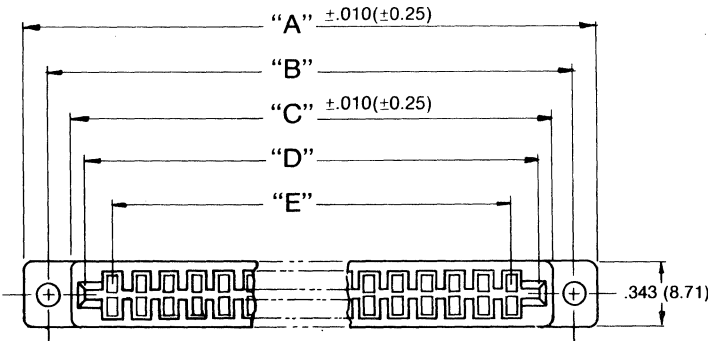
41R7



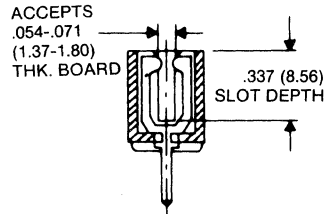
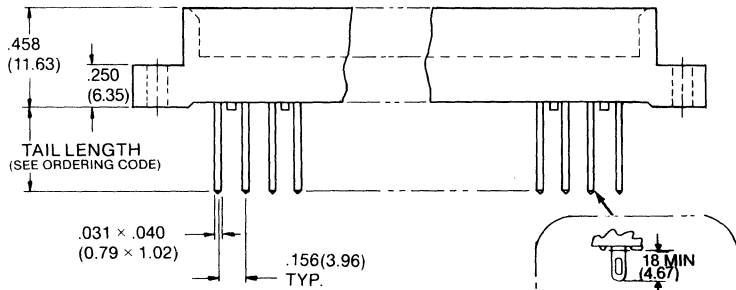
NO. OF CONTACT POSITIONS	A	B	C	D	E
06/12	1.844 (46.84)	1.532 (38.91)	1.232 (31.29)	1.104 (28.04)	.780 (19.81)
10/20	2.468 (62.69)	2.156 (54.76)	1.856 (47.14)	1.728 (43.89)	1.404 (35.66)
12/24	2.780 (70.61)	2.468 (62.68)	2.168 (55.06)	2.040 (51.82)	1.716 (43.59)
15/30	3.248 (82.50)	2.936 (74.57)	2.636 (66.95)	2.508 (63.70)	2.184 (55.47)
18/36	3.716 (94.39)	3.404 (86.46)	3.104 (78.84)	2.976 (75.59)	2.652 (67.36)
22/44	4.340 (110.24)	4.028 (102.31)	3.728 (94.69)	3.600 (91.44)	3.276 (83.21)
25/50	4.808 (122.12)	4.496 (114.19)	4.196 (106.58)	4.068 (103.33)	3.744 (95.10)
28/56	5.276 (134.01)	4.964 (126.09)	4.664 (118.47)	4.536 (115.21)	4.212 (106.98)
30/60	5.588 (141.94)	5.276 (134.01)	4.976 (126.39)	4.848 (123.13)	4.524 (114.91)
36/72	6.524 (165.71)	6.212 (157.78)	5.912 (150.16)	5.784 (146.91)	5.460 (138.68)
43/86	7.616 (193.45)	7.304 (185.52)	7.004 (177.90)	6.876 (174.55)	6.552 (166.42)



41R8

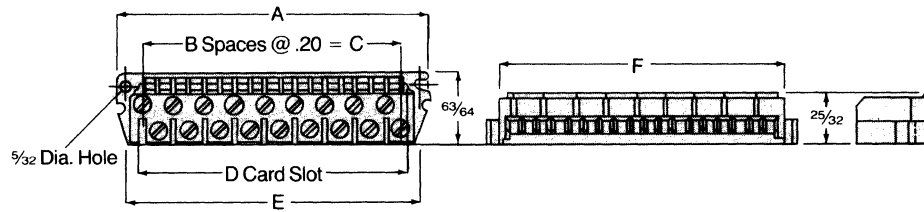


NO. OF CONTACT POSITIONS	A	B	C	D	E
06	1.775 (45.06)	1.531 (38.89)	1.239 (31.47)	1.099 (27.91)	.781 (19.84)
10	2.400 (60.96)	2.156 (54.76)	1.864 (47.35)	1.724 (43.79)	1.406 (35.71)
12	2.712 (68.88)	2.468 (62.69)	2.176 (55.27)	2.036 (51.71)	1.718 (43.64)
15	3.181 (80.80)	2.937 (74.60)	2.646 (67.18)	2.505 (63.63)	2.187 (55.55)
18	3.650 (92.71)	3.406 (86.51)	3.114 (79.10)	2.974 (75.54)	2.656 (67.46)
22	4.725 (108.58)	4.031 (102.39)	3.739 (94.97)	3.599 (91.41)	3.281 (83.34)
28	5.212 (132.38)	4.968 (126.19)	4.676 (118.77)	4.537 (115.24)	4.219 (107.16)
36	6.463 (164.16)	6.129 (157.96)	5.927 (150.55)	5.787 (146.99)	5.469 (138.91)



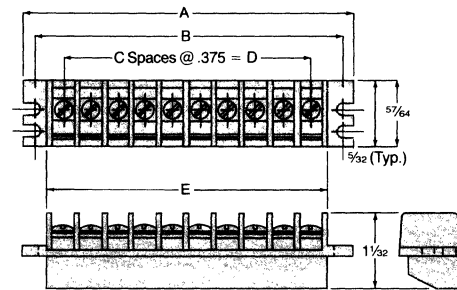
OUTLINE DRAWINGS

37R1

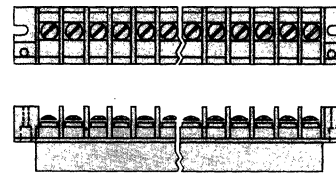


37R4

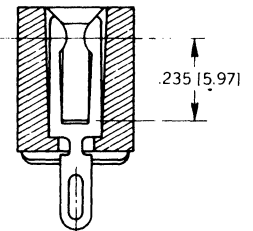
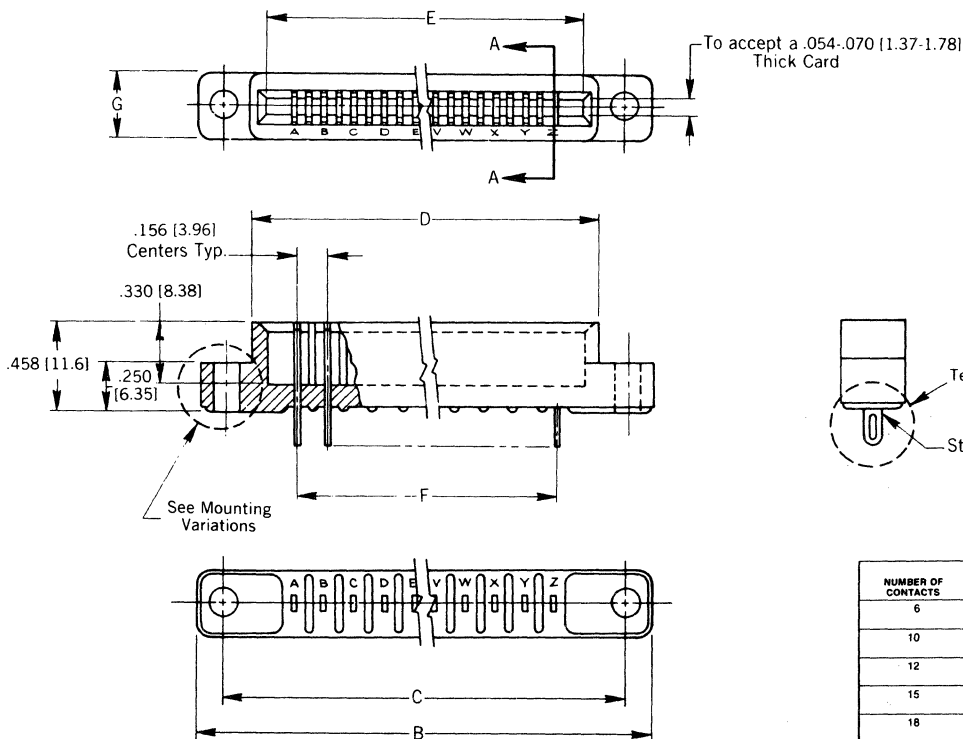
13847 Series



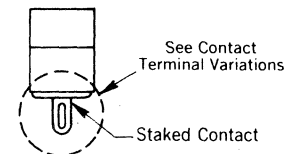
13848 Series



42R7



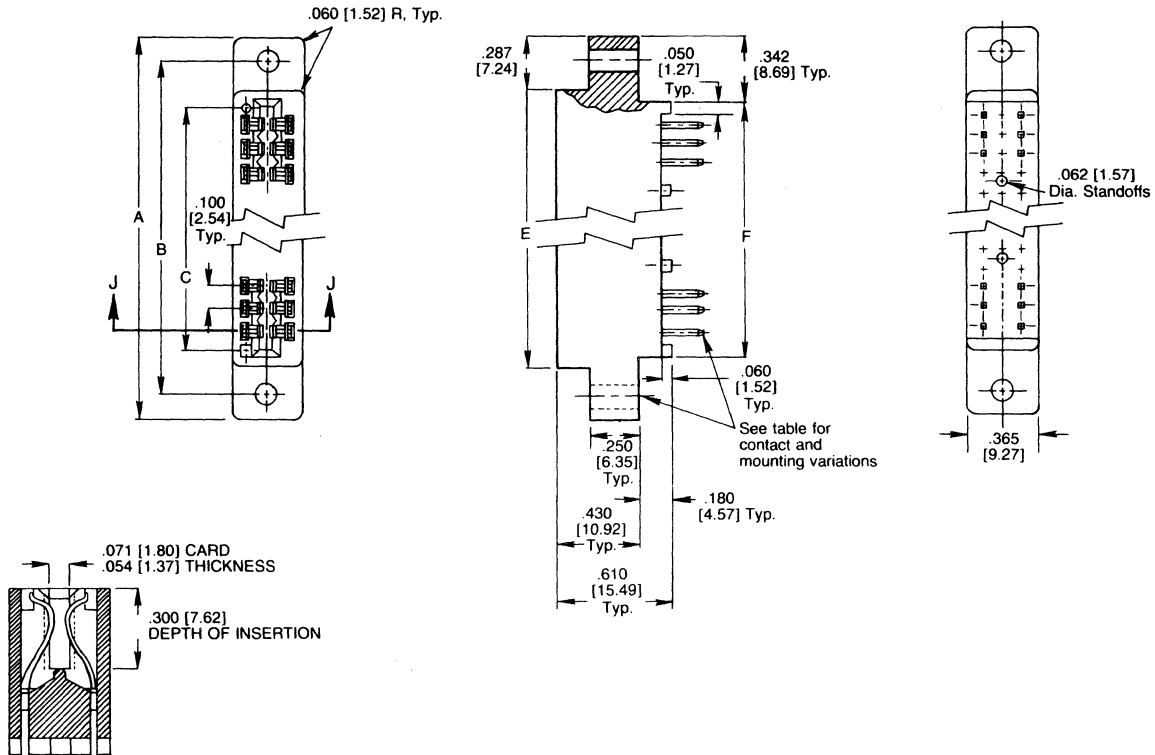
SECTION A-A
Rotated 90° CW



NUMBER OF CONTACTS	DIMENSIONS					
	B	C	D	E	F	G
6	1.798 [45.7]	1.531 [38.9]	1.239 [31.5]	1.098 [27.9]	.781 [19.8]	.340 [8.64]
10	2.425 [61.6]	2.156 [54.8]	1.864 [47.3]	1.723 [43.8]	1.406 [35.7]	.340 [8.64]
12	2.735 [69.5]	2.468 [62.7]	2.176 [55.3]	2.035 [51.7]	1.718 [43.6]	.340 [8.64]
15	3.205 [81.4]	2.937 [74.6]	2.645 [67.2]	2.504 [63.6]	2.187 [55.5]	.340 [8.64]
18	3.675 [93.3]	3.406 [86.5]	3.114 [79.1]	2.972 [75.5]	2.656 [67.5]	.340 [8.64]
22	4.300 [109]	4.031 [102]	3.739 [95.01]	3.597 [91.4]	3.281 [83.3]	.340 [8.64]

OUTLINE DRAWINGS

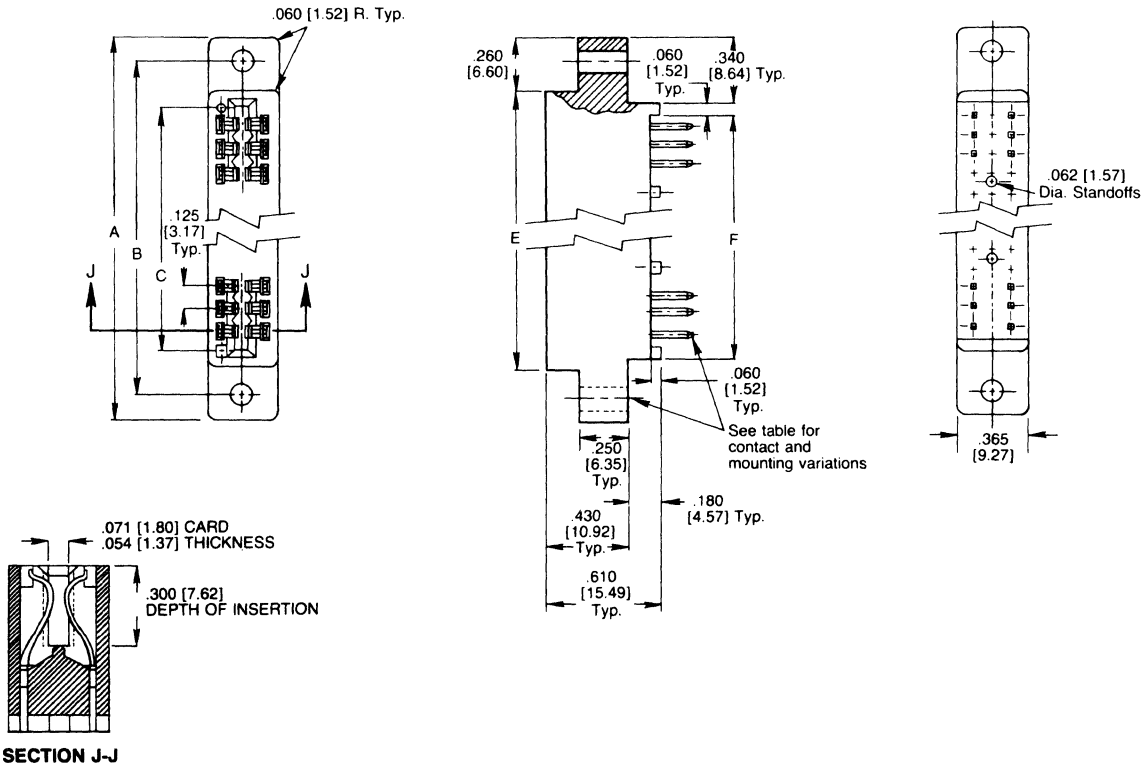
42R2



NO. OF CONTACT POSITIONS PER SIDE	DIMENSIONS				
	A	B	C	E	F
10	1.835 [46.61]	1.575 [40.00]	1.100 [27.94]	1.260 [32.00]	1.150 [29.21]
12	2.035 [51.69]	1.775 [45.08]	1.300 [33.02]	1.460 [37.08]	1.350 [34.29]
15	2.335 [59.31]	2.075 [52.70]	1.600 [40.64]	1.760 [44.70]	1.650 [41.91]
18	2.635 [66.93]	2.375 [60.32]	1.900 [48.26]	2.060 [52.32]	1.950 [49.53]
20	2.835 [72.01]	2.575 [65.40]	2.100 [53.34]	2.260 [57.40]	2.150 [54.61]
22	3.035 [77.09]	2.775 [70.48]	2.300 [58.42]	2.460 [62.48]	2.350 [59.69]
25	3.335 [84.71]	3.075 [78.10]	2.600 [66.04]	2.760 [70.10]	2.650 [67.31]
28	3.635 [92.33]	3.375 [85.72]	2.900 [73.66]	3.060 [77.72]	2.950 [74.93]
30	3.835 [97.41]	3.575 [90.80]	3.100 [78.74]	3.260 [82.80]	3.150 [80.01]
31	3.935 [99.95]	3.675 [93.34]	3.200 [81.28]	3.360 [85.34]	3.250 [82.55]
35	4.335 [110.11]	4.075 [103.50]	3.600 [91.44]	3.760 [95.50]	3.650 [92.71]
36	4.435 [112.65]	4.175 [106.04]	3.700 [93.98]	3.860 [98.04]	3.750 [95.25]
40	4.835 [122.81]	4.575 [116.20]	4.100 [104.14]	4.260 [108.20]	4.150 [105.41]
43	5.135 [130.43]	4.875 [123.82]	4.400 [111.76]	4.560 [115.82]	4.450 [113.03]
44	5.235 [132.97]	4.975 [126.36]	4.500 [114.30]	4.660 [118.36]	4.550 [115.57]
48	5.635 [143.13]	5.375 [136.52]	4.900 [124.46]	5.060 [128.52]	4.950 [125.73]
49	5.735 [145.67]	5.475 [139.06]	5.000 [127.00]	5.160 [131.06]	5.050 [128.27]
50	5.835 [148.21]	5.575 [141.60]	5.100 [129.54]	5.260 [133.60]	5.150 [130.81]
60	6.835 [173.61]	6.575 [167.00]	6.100 [154.94]	6.260 [159.00]	6.150 [156.21]

OUTLINE DRAWINGS

42R3

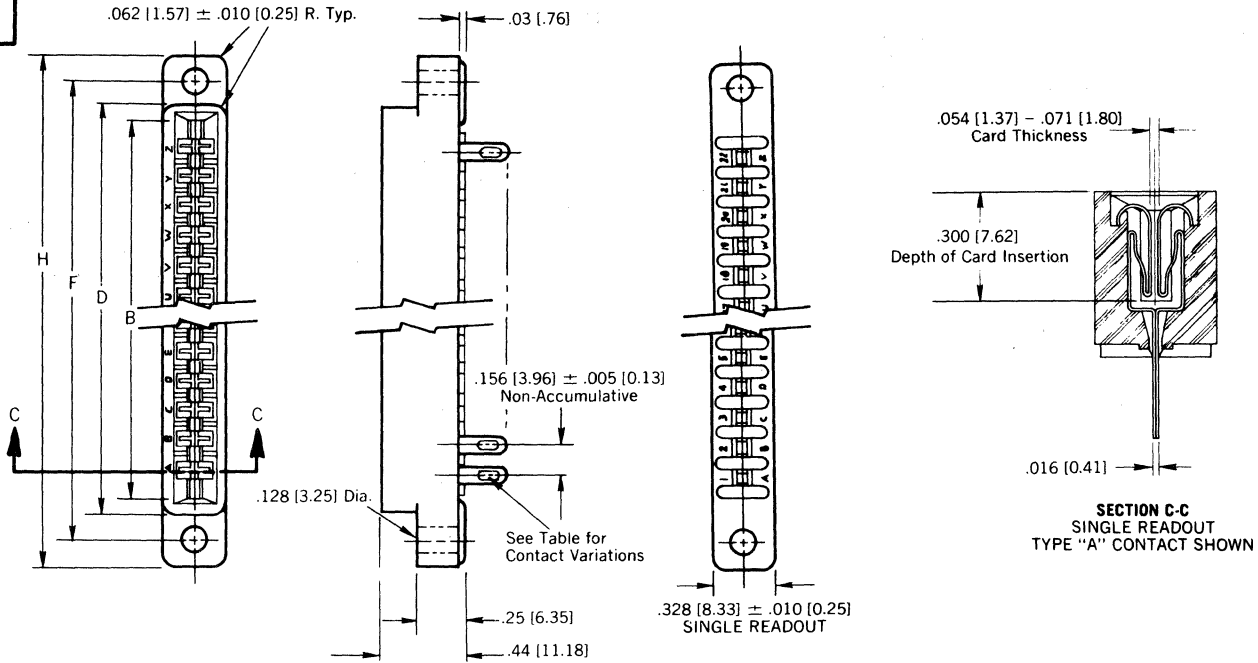


SECTION J-J

NO. OF CONTACT POSITIONS PER SIDE	DIMENSIONS					
	A	B	C	E	F	
6	1.555 [39.50]	1.295 [32.89]	.875 [22.22]	1.035 [26.29]	.875 [22.22]	
10	2.055 [52.20]	1.795 [45.59]	1.375 [34.92]	1.535 [38.99]	1.375 [34.92]	
14	2.555 [64.90]	2.295 [58.29]	1.875 [47.62]	2.035 [51.69]	1.875 [47.62]	
15	2.680 [68.07]	2.420 [61.47]	2.000 [50.80]	2.160 [54.86]	2.000 [50.80]	
18	3.055 [77.60]	2.795 [70.99]	2.375 [60.32]	2.535 [64.39]	2.375 [60.32]	
22	3.555 [90.30]	3.295 [83.69]	2.875 [73.02]	3.035 [77.09]	2.875 [73.02]	
24	3.805 [96.65]	3.545 [90.04]	3.125 [79.38]	3.285 [83.44]	3.125 [79.38]	
25	3.930 [99.82]	3.670 [93.22]	3.250 [82.55]	3.410 [86.61]	3.250 [82.55]	
28	4.305 [109.35]	4.045 [102.74]	3.625 [92.08]	3.785 [96.14]	3.625 [92.08]	
30	4.555 [115.70]	4.295 [109.09]	3.875 [98.42]	4.035 [102.49]	3.875 [98.42]	
31	4.680 [118.87]	4.420 [112.27]	4.000 [101.60]	4.160 [105.66]	4.000 [101.60]	
32	4.805 [122.05]	4.545 [115.44]	4.125 [104.78]	4.285 [108.84]	4.125 [104.78]	
35	5.180 [131.57]	4.920 [124.97]	4.500 [114.30]	4.660 [118.36]	4.500 [114.30]	
36	5.305 [134.75]	5.045 [128.14]	4.625 [117.48]	4.785 [121.54]	4.625 [117.48]	
40	5.805 [147.45]	5.545 [140.84]	5.125 [130.18]	5.285 [134.24]	5.125 [130.18]	
43	6.180 [156.97]	5.920 [150.37]	5.500 [139.70]	5.660 [143.76]	5.500 [139.70]	
44	6.305 [160.15]	6.045 [153.54]	5.625 [142.88]	5.785 [146.94]	5.625 [142.88]	
49	6.930 [176.02]	6.670 [169.42]	6.250 [158.75]	6.410 [162.81]	6.250 [158.75]	
50	7.055 [179.20]	6.795 [172.59]	6.375 [161.92]	6.535 [165.99]	6.375 [161.92]	

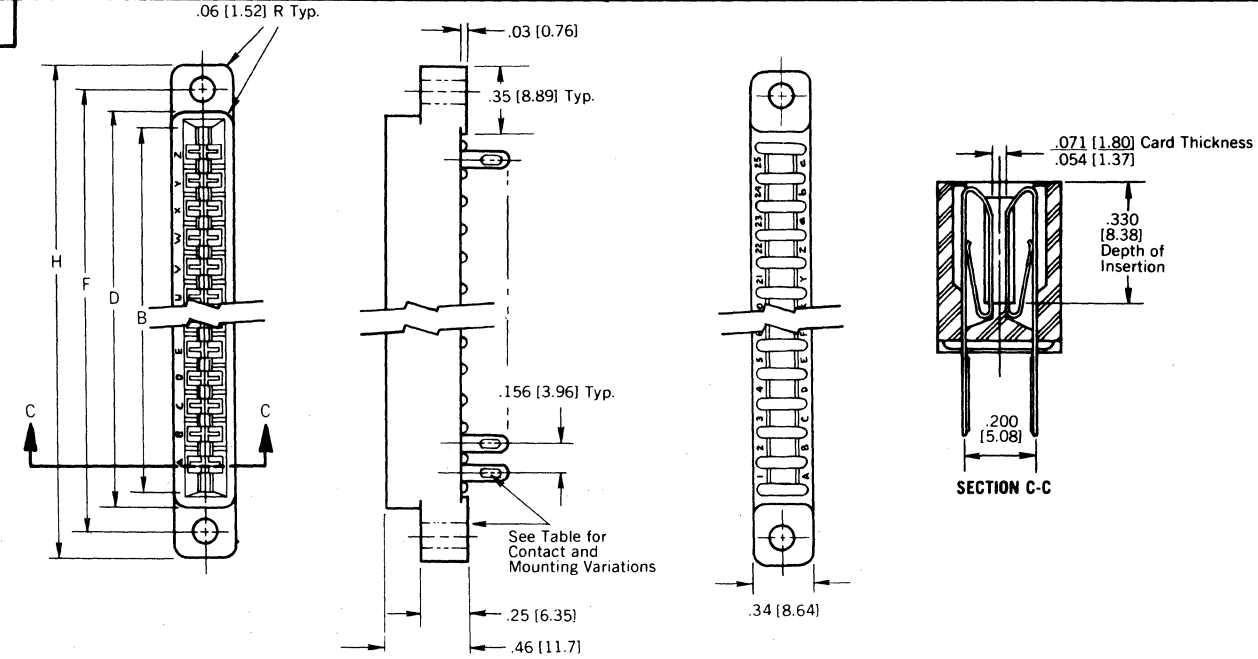
OUTLINE DRAWINGS

42R4



NUMBER OF CONTACT POSITIONS	DIMENSIONS			
	B	D	F	H
6	1.100 [27.94]	1.218 [30.94]	1.531 [38.89]	1.78 [45.21]
10	1.724 [43.79]	1.843 [46.81]	2.156 [54.76]	2.41 [61.21]
12	2.036 [51.71]	2.156 [54.76]	2.468 [62.69]	2.72 [69.09]
15	2.504 [63.60]	2.624 [66.65]	2.937 [74.60]	3.19 [81.03]
18	2.972 [75.49]	3.093 [78.56]	3.406 [86.51]	3.66 [92.96]
22	3.596 [91.34]	3.717 [94.41]	4.031 [102.39]	4.28 [108.71]

42R6



NUMBER OF CONTACT POSITIONS	DIMENSIONS			
	B	D	F	H
6	1.100 [27.94]	1.248 [31.70]	1.531 [38.89]	1.78 [45.21]
10	1.724 [43.79]	1.864 [47.35]	2.156 [54.76]	2.41 [61.21]
12	2.036 [51.71]	2.176 [55.27]	2.469 [62.71]	2.72 [69.08]
15	2.504 [63.60]	2.644 [67.16]	2.937 [74.60]	3.19 [81.03]
18	2.972 [75.49]	3.112 [79.05]	3.406 [86.51]	3.66 [92.96]
22	3.596 [91.34]	3.736 [94.89]	4.031 [102.39]	4.28 [108.71]
24	3.911 [99.34]	4.051 [102.89]	4.344 [110.33]	4.59 [116.68]
25	4.067 [103.30]	4.207 [106.86]	4.500 [114.30]	4.75 [120.65]

OUTLINE DRAWINGS

36R3

No. of contacts	Dimensions in mm		
	E	F	G
13 way x 2,50	44,8	40,0	34,0
21 way x 2,50	64,8	60,0	54,0
31 way x 2,50	89,8	85,0	79,0

36R4

No. of contacts	Dimensions in mm		
	A	B	C
8	43,94	34,92	26,42
16	62,99	53,97	45,47
24	82,04	73,02	64,52
32	101,09	92,07	85,57

44R1

SECTION YY

SECTION XX

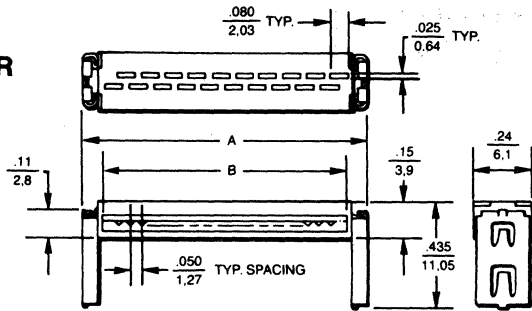
WITH STRAIN RELIEF

WITHOUT STRAIN RELIEF

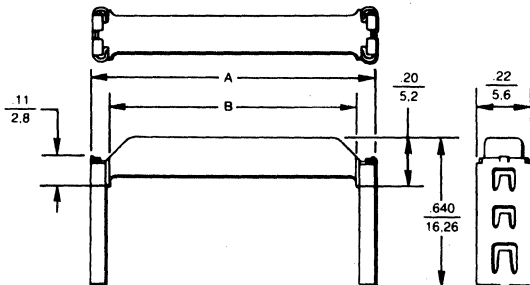
OUTLINE DRAWINGS

44R2

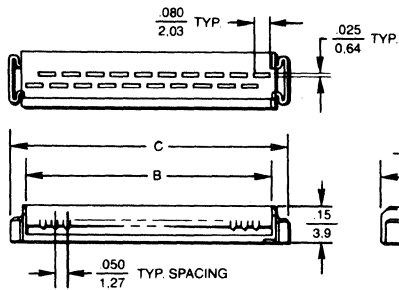
FEED THRU COVER



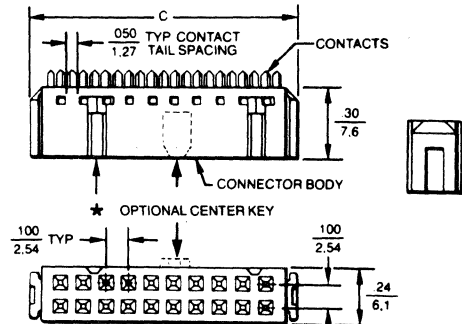
STRAIN RELIEF



CLOSED END COVER



CONNECTOR BODY AND CONTACT ASSEMBLY

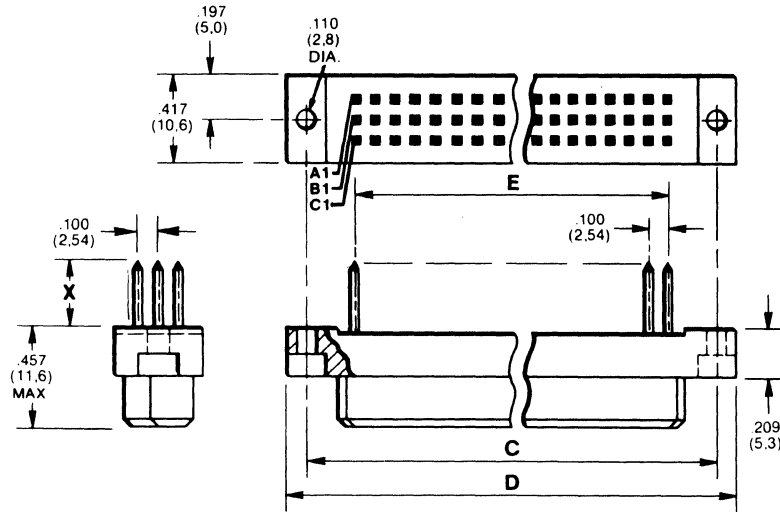


*INDICATED POLARIZING GROOVE OMITTED ON 10 AND 14 POSITION CONNECTOR.

CATALOG NUMBER	NO. OF CONTACTS
FRS10B _ _	10
FRS14B _ _	14
FRS16B _ _	16
FRS20B _ _	20
FRS26B _ _	26
FRS34B _ _	34
FRS40B _ _	40
FRS50B _ _	50
FRS60B _ _	60

OUTLINE DRAWINGS

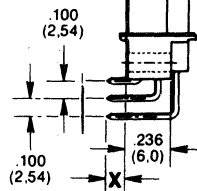
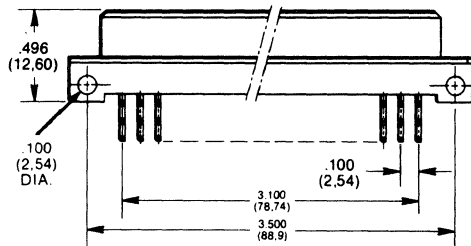
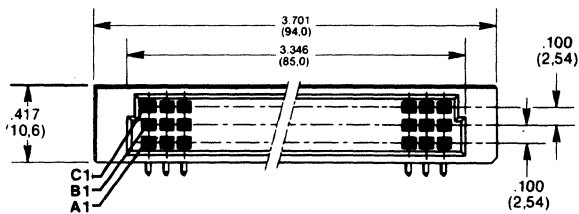
44R3



NO. OF CONTACT POSITIONS	C	D MAX.	E
48	1.968 (50.0)	2.165 (55.0)	1.500 (38.10)
96	3.543 (90.0)	3.740 (95.0)	3.100 (78.74)

DIMENSION X	.512 (13.0)	.201 (5.1)	.108 (2.75)
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44R4

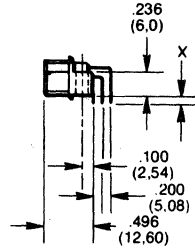
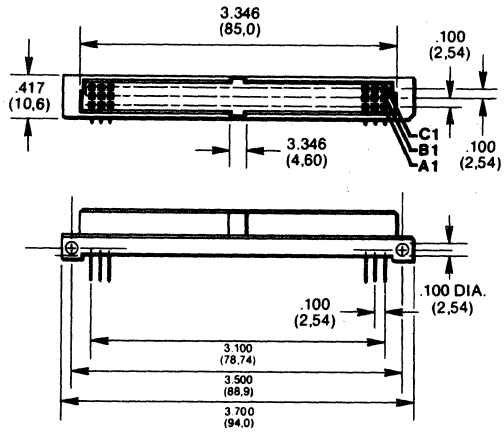


DIM X

.118 (3.0)
.108 (2.75)
.315 (8.0)
.150 (3.8)

OUTLINE DRAWINGS

44R5



DIM X

.118
(3.0)

44R7

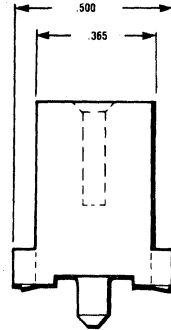
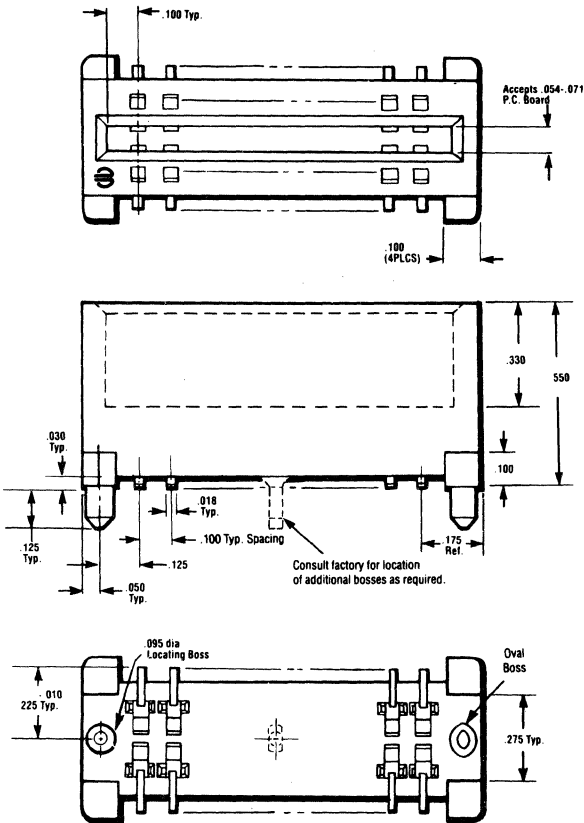
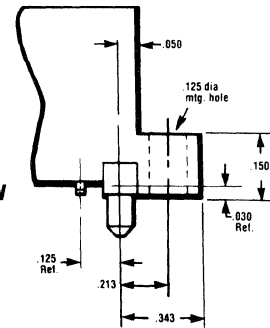


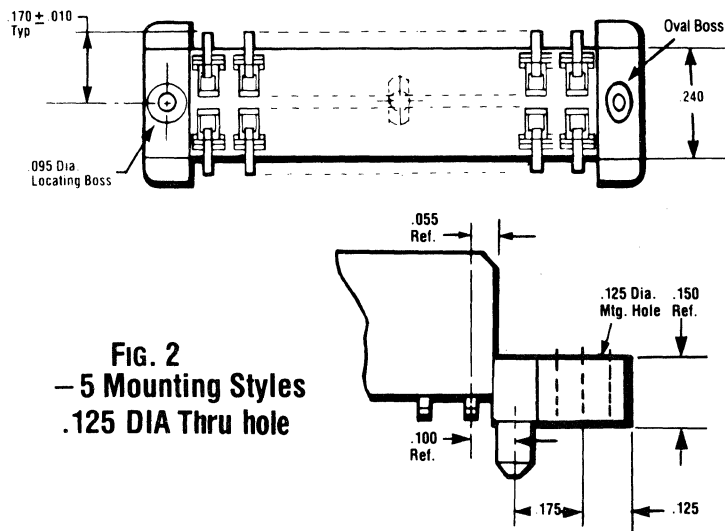
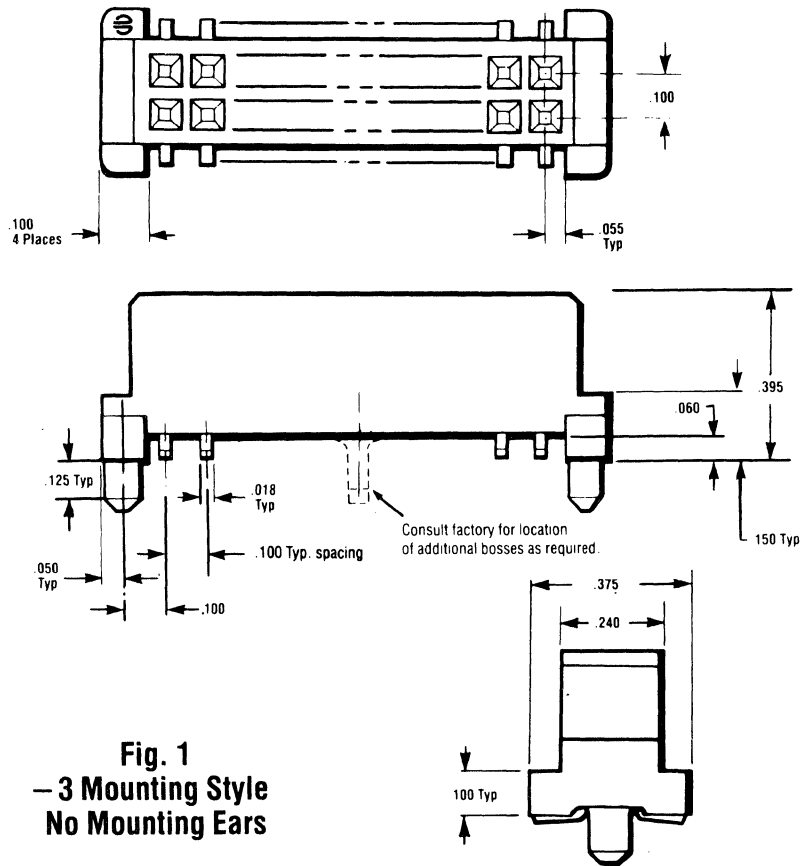
Fig. 1
- 2 Mounting Style
No Mounting Ears

Fig. 2
- 3 Mounting Style
Mounting Ears for #4 Screw



OUTLINE DRAWINGS

44R6



OUTLINE DRAWINGS

44R8

FIG 1

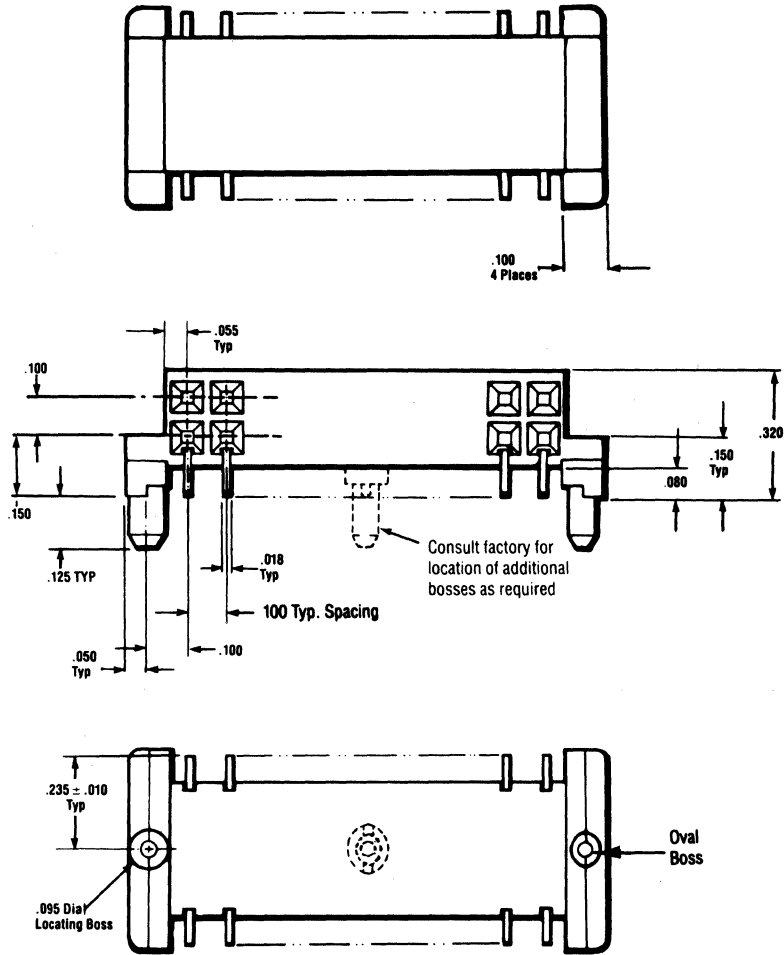
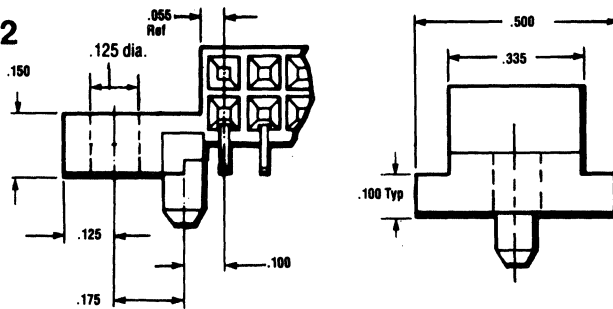
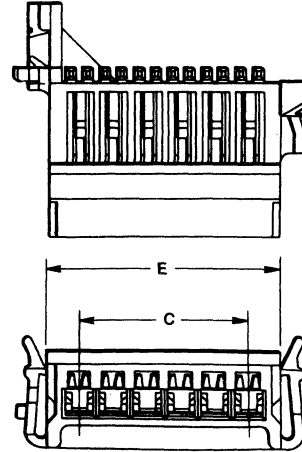
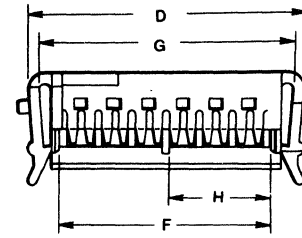
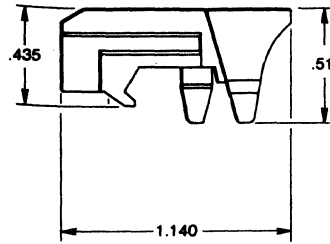


FIG 2



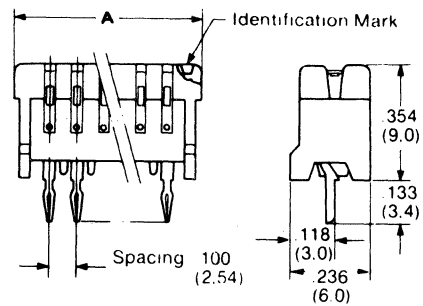
OUTLINE DRAWINGS

44R9



No. of Positions	No. of Spaces	C	D	E	F	G	H
2	1	.156	.65	.436	.356	.556	
4	3	.468	.96	.748	.668	.868	.314
5	4	.624	1.12	.904	.824	1.024	.314
6	5	.780	1.27	1.060	.982	1.180	.470

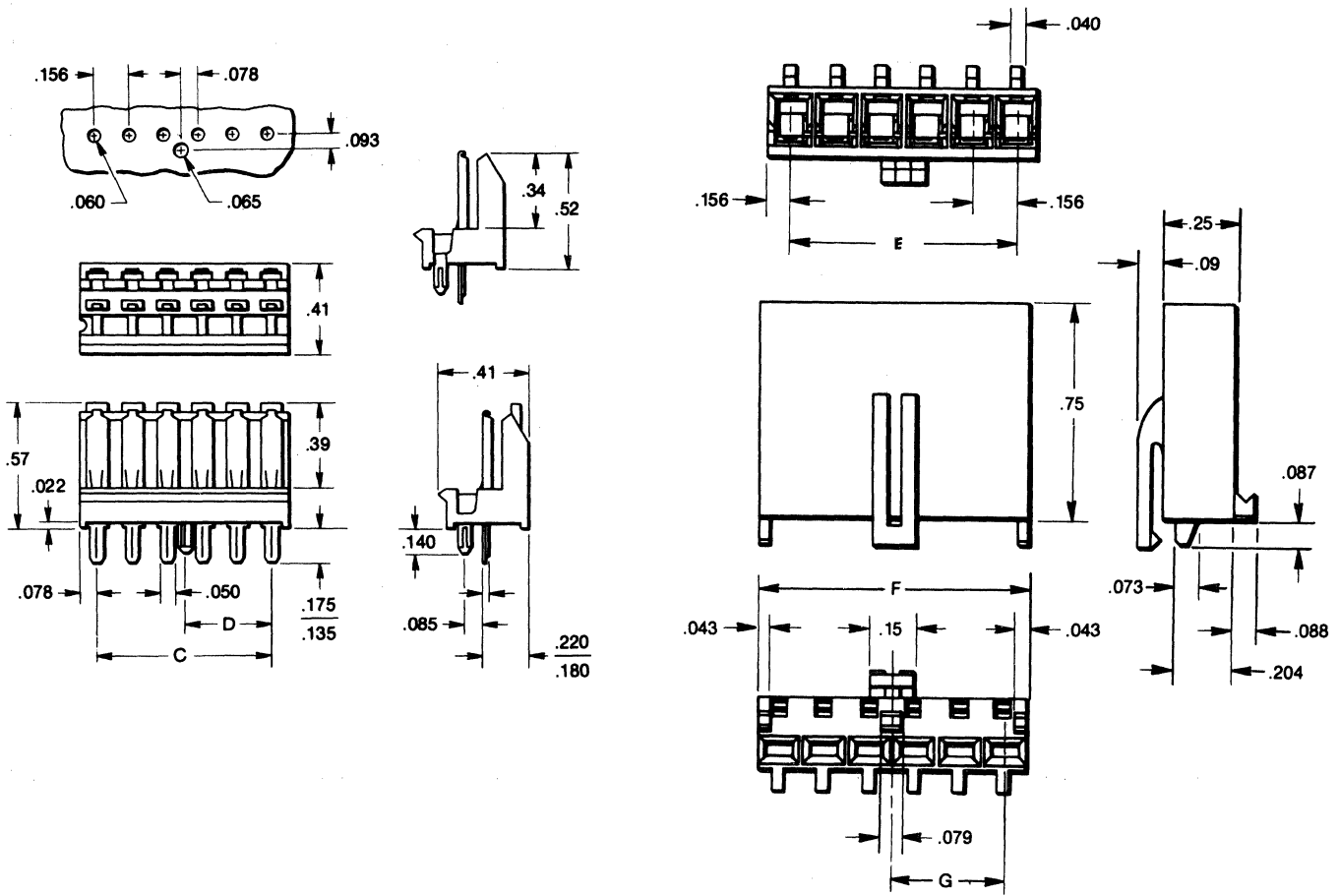
44R11



No. of Contacts	A
2	.295 (7,5)
3	.393 (10,0)
4	.492 (12,5)
5	.590 (15,0)
6	.689 (17,5)

OUTLINE DRAWINGS

44R10

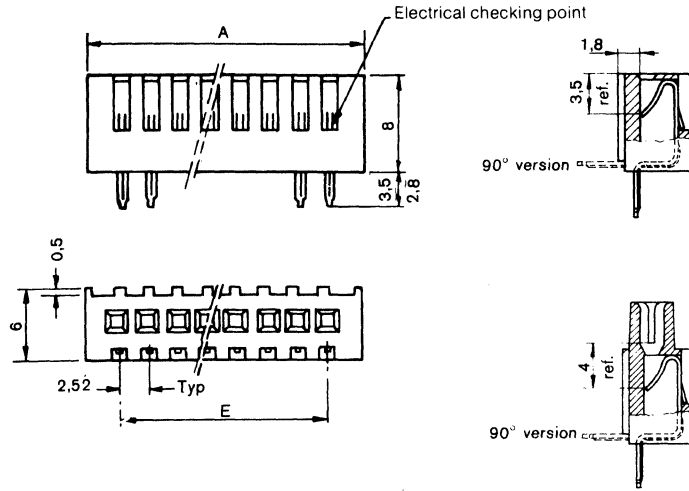


No. of Positions	B No. of Spaces	C	D	E	F	G
1	—	—	—	—	—	—
2	1	.156	.078	.156	.31	—
4	3	.468	.234	.468	.62	.234
5	4	.624	.390	.624	.77	—
6	5	.780	.390	.780	.93	.390

OUTLINE DRAWINGS

44R12

Standard type

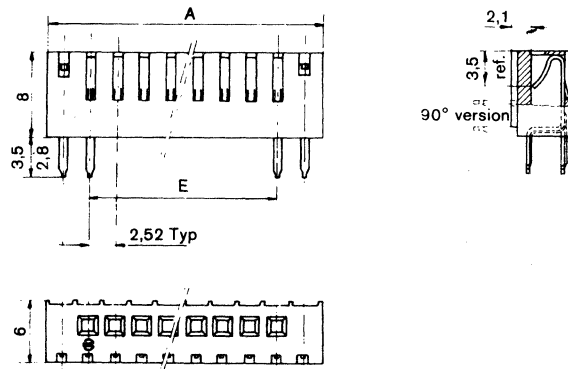


No. of pos.	Dimensions	
	A	E
2	10,80	2,52
3	13,30	5,04
4	15,80	7,56
5	18,30	10,08
6	20,85	12,60
7	23,40	15,12
8	25,90	17,64
9	28,40	20,16
10	30,90	22,68
11	33,45	25,20
12	36,00	27,72
13	38,50	30,24
14	41,00	32,76
15	43,55	35,28
16	46,05	37,80
17	48,60	40,32
18	51,10	42,84
19	53,60	45,36
20	56,10	47,88

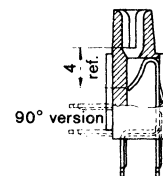
44R13

Stabilized version

No. of pos.	Dimensions	
	A	E
2	5,8	2,52
3	8,1	5,04
4	10,8	7,56
5	13,3	10,08
6	15,8	12,60
7	18,3	15,12
8	20,9	17,64
9	23,4	20,16
10	25,9	22,68
11	28,4	25,20
12	30,9	27,72
13	33,5	30,24
14	36,0	32,76
15	38,5	35,28
16	41,0	37,80
17	43,6	40,32
18	46,1	42,84
19	48,6	45,36
20	51,1	47,88

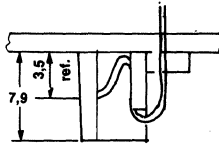
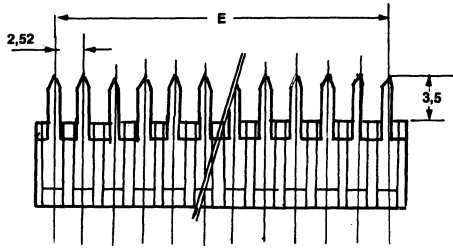


Stabilized version with strain relief feature

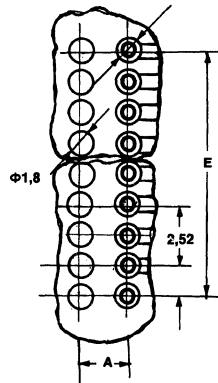
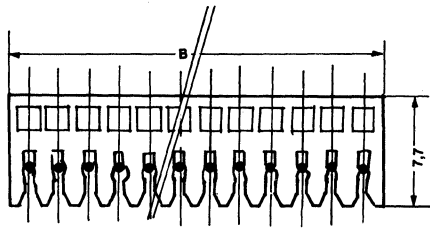


OUTLINE DRAWINGS

44R14



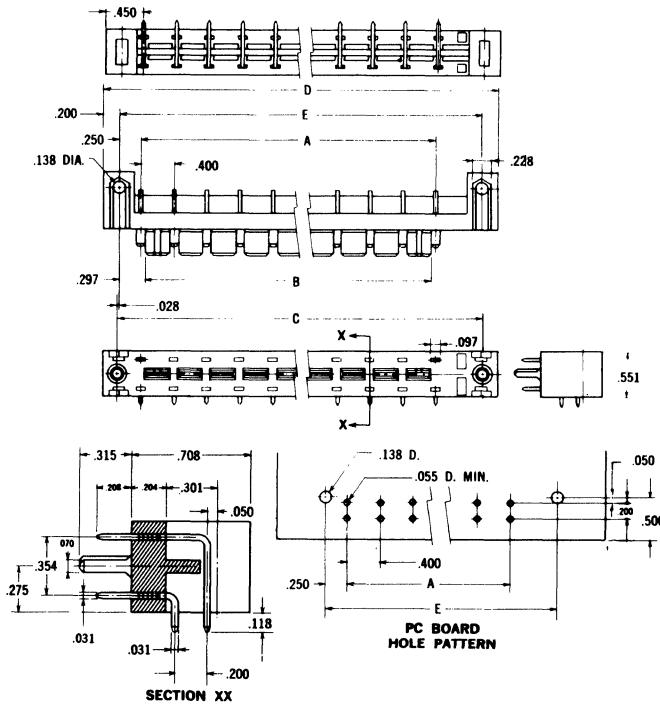
Recommended p.c. board pattern
 $\phi 1,0 \pm 0,2$



No. of pos.	Dimensions	
	B	E
2	4,96	2,52
3	7,48	5,04
4	10,00	7,56
5	12,52	10,08
6	15,04	12,60
7	17,56	15,12
8	20,08	17,64
9	22,60	20,16
10	25,12	22,68
11	27,64	25,20
12	30,16	27,72
13	32,68	30,24
14	35,20	32,76
15	37,72	35,28
16	40,24	37,80
17	42,76	40,32
18	45,28	42,84
19	47,80	45,36
20	50,32	47,88

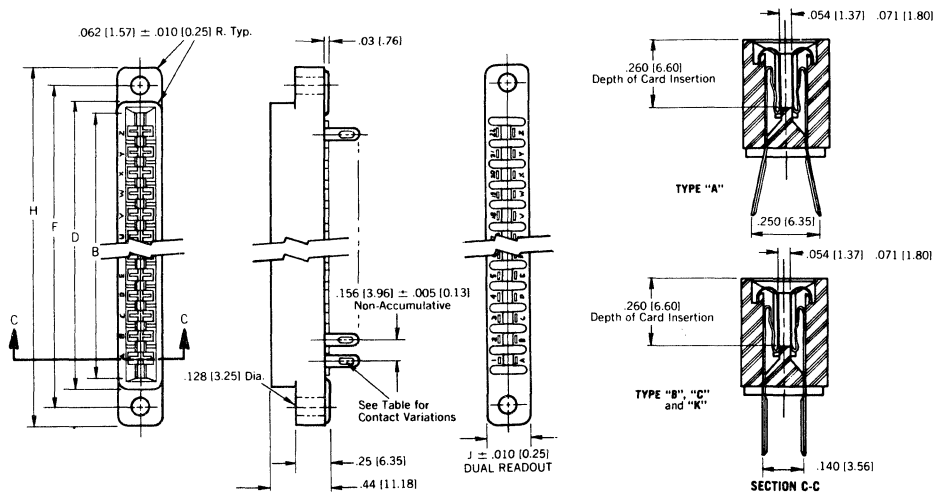
OUTLINE DRAWINGS

46R1



SIZE	A	B	C	D	E
12	2.000	1.909	2.850	3.192	2.800
20	3.600	3.509	4.450	4.792	4.400
36	6.800	6.709	7.650	7.992	7.600

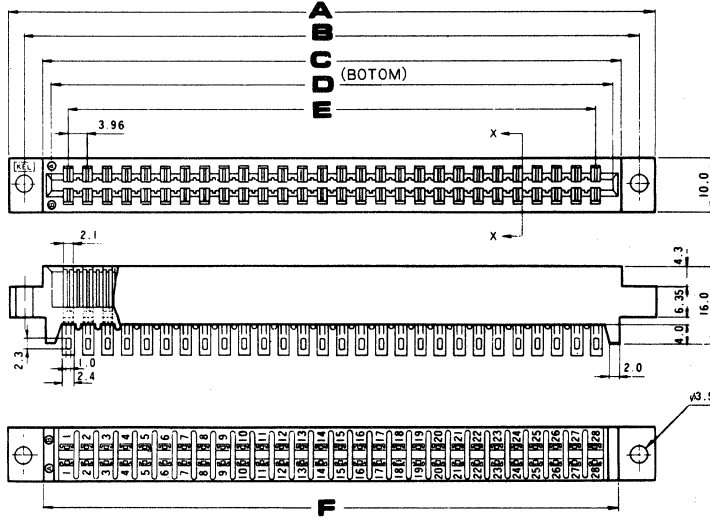
42R5



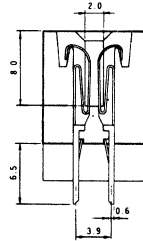
NUMBER OF CONTACT POSITIONS	DIMENSIONS				
	B	D	F	H	J
6	1.100 [27.94]	1.218 [30.94]	1.531 [38.89]	1.78 [45.21]	.328 [8.33]
10	1.724 [43.79]	1.843 [46.81]	2.156 [54.76]	2.41 [61.21]	.328 [8.33]
12	2.036 [51.71]	2.156 [54.76]	2.468 [62.69]	2.72 [69.09]	.328 [8.33]
15	2.504 [63.60]	2.624 [66.65]	2.937 [74.60]	3.19 [81.03]	.328 [8.33]
18	2.972 [75.49]	3.093 [78.56]	3.406 [86.51]	3.66 [92.96]	.328 [8.33]
22	3.596 [91.34]	3.717 [94.41]	4.031 [102.39]	4.28 [108.71]	.328 [8.33]
36	5.778 [146.65]	5.906 [149.90]	6.219 [157.84]	6.53 [165.78]	.438 [11.12]
43	6.802 [172.64]	7.000 [177.66]	7.302 [185.33]	7.615 [193.27]	.500 [12.70]

OUTLINE DRAWINGS

46R2

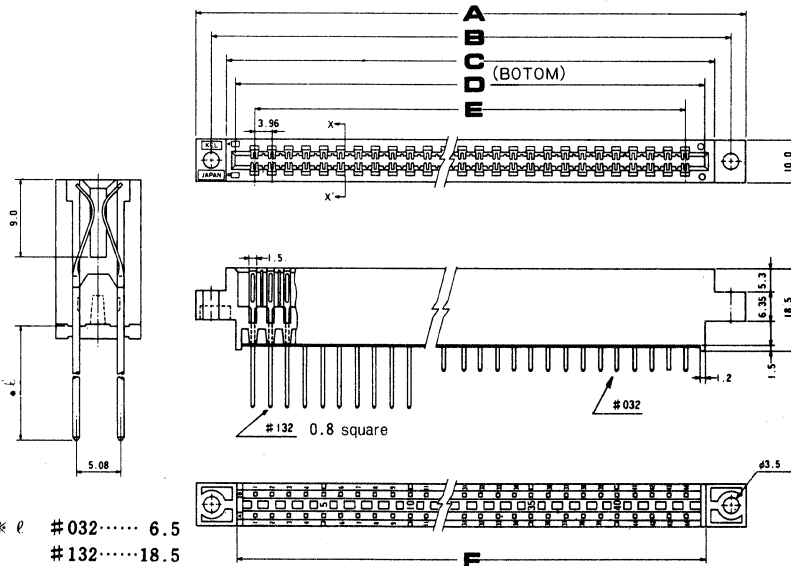


DIMENSIONS



No. of contacts	A	B	C	D	E	F
20	61.02	54.67	46.93	43.70	35.73	45.93
28	76.90	70.55	62.81	59.58	51.61	61.81
30	80.87	74.52	66.78	63.55	55.58	65.78
36	92.78	86.43	78.69	75.46	67.49	77.69
44	108.66	102.31	94.57	91.34	83.37	93.57
56	132.48	126.13	118.39	115.16	107.19	117.39

46R3



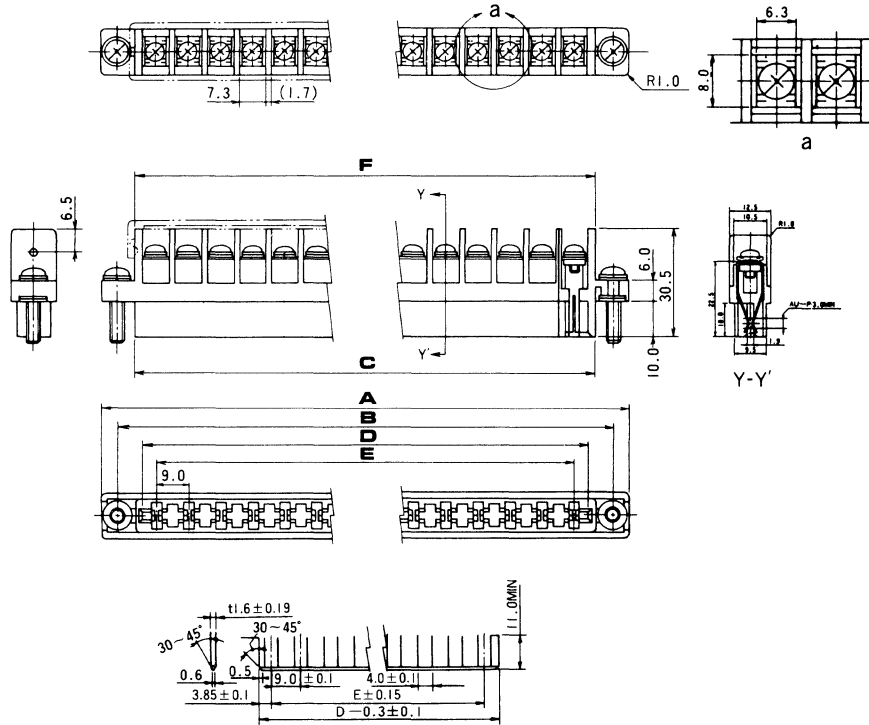
* #032..... 6.5
#132.....18.5

DIMENSIONS

No. of contacts	A	B	C	D	E	F
44	108.66	102.31	94.57	91.34	83.16	89.72
56	132.48	126.13	118.39	115.16	106.92	113.54
60	140.20	133.80	127.00	123.05	114.84	127.00
72	164.24	157.89	150.15	146.92	138.60	145.30
86	191.90	185.50	177.81	174.50	166.32	172.96
88	196.00	189.65	181.91	178.68	170.28	177.06

OUTLINE DRAWINGS

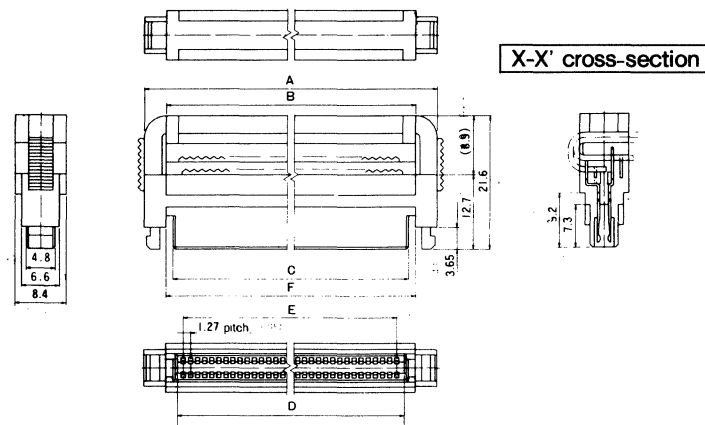
46R4



DIMENSIONS

	A	B	C	D	E	F
20	202.0	193.0	183.0	179.0	171.0	182.0

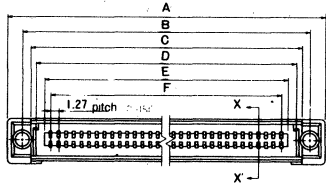
46R5



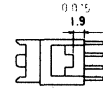
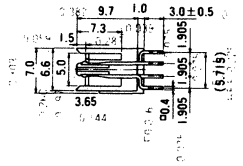
No. of contacts	A	B	C	D	E	F
20	25.23 (1.001)	17.83 (0.702)	15.43 (0.607)	13.43 (0.529)	11.43 (0.450)	18.33 (0.722)
26	29.24 (1.151)	21.64 (0.852)	19.24 (0.757)	17.24 (0.679)	15.24 (0.600)	22.14 (0.872)
30	31.78 (1.251)	24.18 (0.952)	21.78 (0.857)	19.78 (0.779)	17.78 (0.700)	24.68 (0.972)
34	34.32 (1.351)	26.72 (1.052)	24.32 (0.957)	22.32 (0.879)	20.32 (0.800)	27.22 (1.072)
40	38.13 (1.501)	30.53 (1.202)	28.13 (1.107)	26.13 (1.029)	24.13 (0.950)	31.03 (1.222)
50	44.48 (1.751)	36.88 (1.452)	34.48 (1.357)	32.48 (1.200)	30.48 (1.200)	37.38 (1.472)
60	50.83 (2.001)	43.23 (1.702)	40.83 (1.607)	38.83 (1.529)	36.83 (1.450)	43.73 (1.722)

OUTLINE DRAWINGS

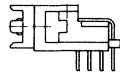
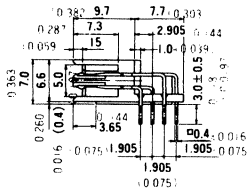
46R6



Mounting hole diameter
Lower half: 2.3(0.090), upper half: 3.7(0.146)



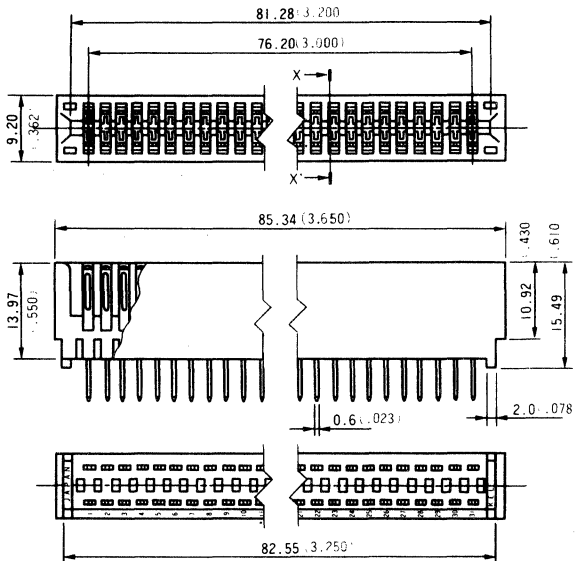
X-X' cross-section



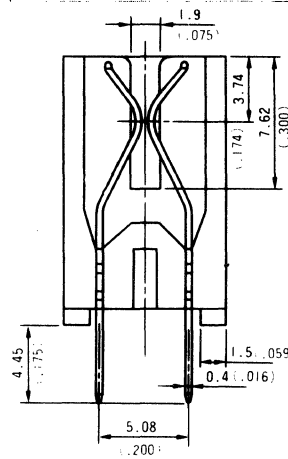
No. of contacts	A	B	C	D	E	F
20	25.43 (1.001)	20.32 (0.800)	17.83 (0.702)	15.83 (0.623)	13.13 (0.517)	11.43 (0.450)
26	29.24 (1.151)	24.13 (0.950)	21.64 (0.852)	19.64 (0.773)	16.94 (0.667)	15.24 (0.600)
30	31.78 (1.251)	26.67 (1.050)	24.18 (0.952)	22.18 (0.873)	19.48 (0.767)	17.78 (0.700)
34	34.32 (1.351)	29.21 (1.150)	26.72 (1.052)	24.72 (0.973)	22.02 (0.867)	20.32 (0.800)
40	38.13 (1.501)	33.02 (1.300)	30.53 (1.202)	28.53 (1.123)	25.73 (1.013)	24.13 (0.950)
50	44.48 (1.751)	39.37 (1.550)	36.88 (1.452)	34.88 (1.373)	32.08 (1.263)	30.48 (1.200)
60	50.83 (2.001)	45.72 (1.800)	43.23 (1.702)	41.23 (1.623)	38.43 (1.513)	36.83 (1.450)

Dimension in mm (inch)

46R7



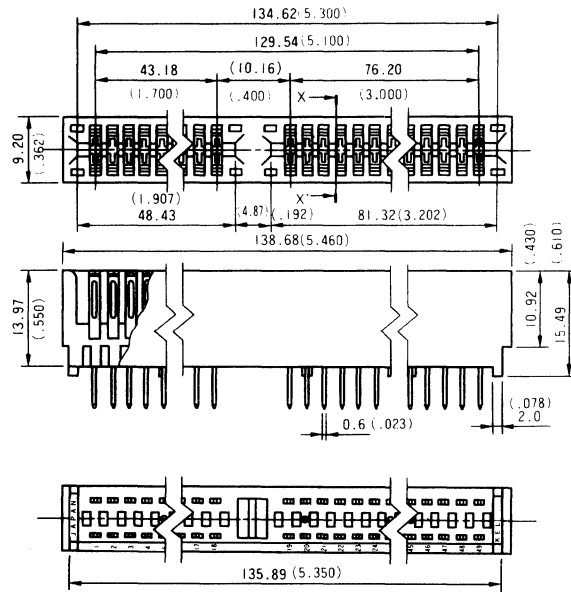
X-X' CROSS SECTION



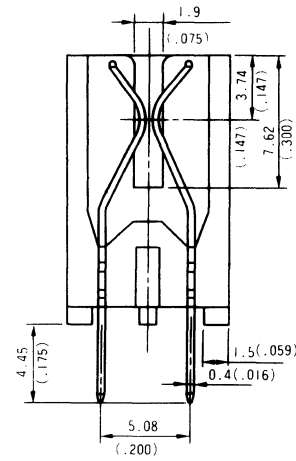
Dimension in mm (inch)

OUTLINE DRAWINGS

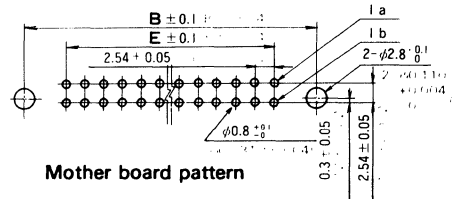
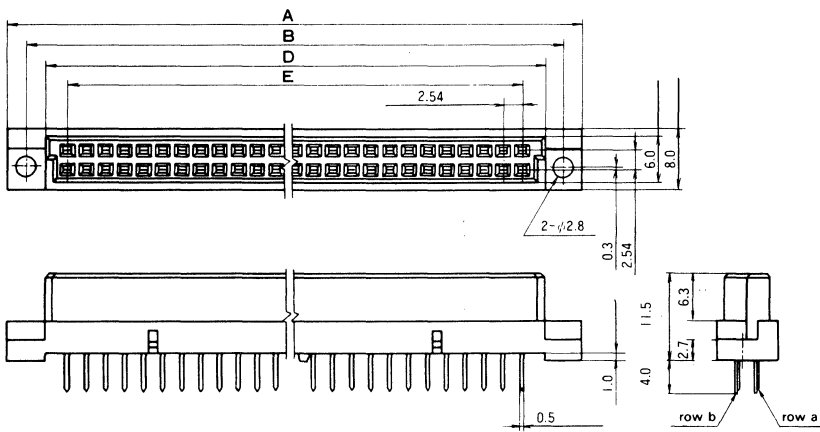
46R8



X-X' CROSS SECTION



46R11



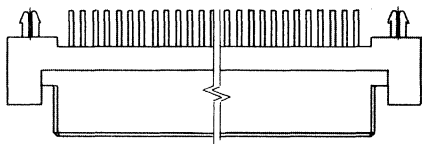
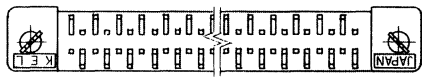
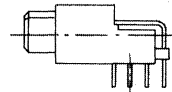
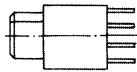
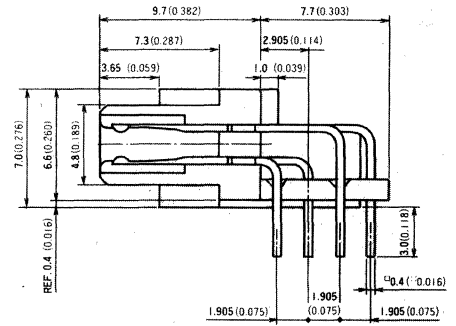
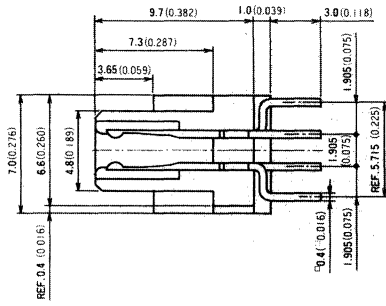
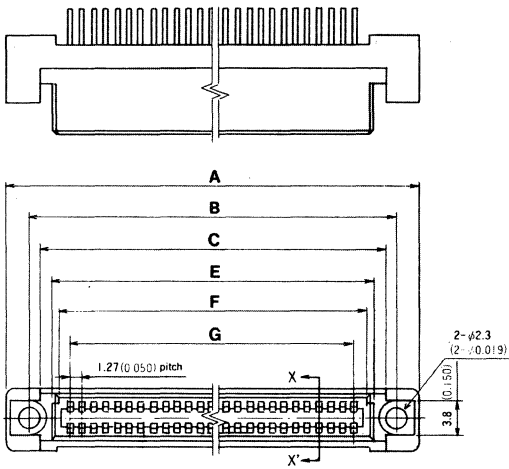
Mother board pattern

Dimensions

No. of contacts	A	B	D	E
32	54.36 (2.140)	49.36 (1.943)	44.26 (1.743)	38.10 (1.500)
44	69.60 (2.740)	64.60 (2.543)	59.50 (2.343)	53.34 (2.100)
50	77.22 (3.040)	72.22 (2.843)	67.12 (2.643)	60.96 (2.400)
64	95.00 (3.740)	90.00 (3.543)	84.90 (3.343)	78.74 (3.100)
90	128.02 (5.040)	123.02 (4.843)	117.92 (4.643)	111.76 (4.400)
100	140.72 (5.540)	135.72 (5.343)	130.62 (5.143)	124.46 (4.900)

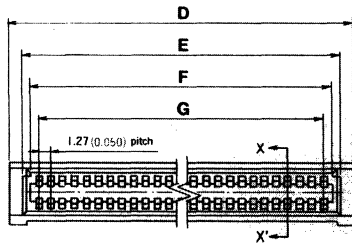
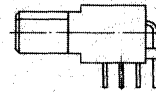
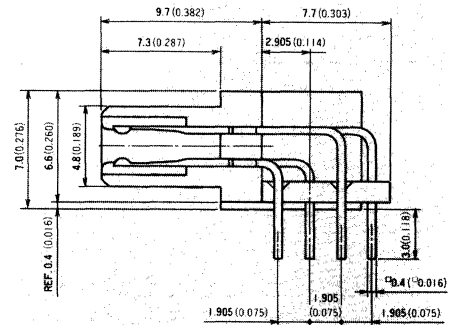
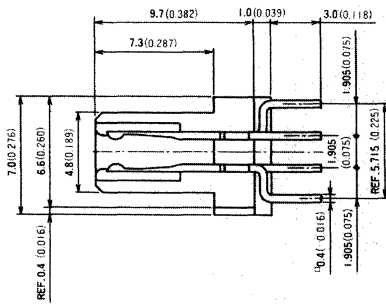
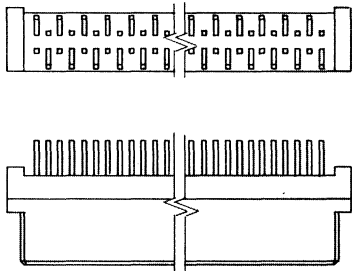
OUTLINE DRAWINGS

46R9



Dimensions for Receptacle								mm (inch)
No. of contacts	A	B	C	D	E	F	G	
30	31.78 (1.251)	26.67 (1.050)	24.68 (0.972)	24.18 (0.952)	21.78 (0.857)	19.78 (0.779)	17.78 (0.700)	
40	38.13 (1.501)	33.02 (1.300)	31.03 (1.222)	30.53 (1.202)	28.13 (1.107)	26.13 (1.029)	24.13 (0.950)	
50	44.48 (1.751)	39.37 (1.550)	37.38 (1.471)	36.88 (1.452)	34.48 (1.357)	32.48 (1.279)	30.48 (1.200)	
60	50.83 (2.001)	45.72 (1.800)	43.73 (1.722)	43.23 (1.702)	40.83 (1.607)	38.83 (1.529)	36.83 (1.450)	

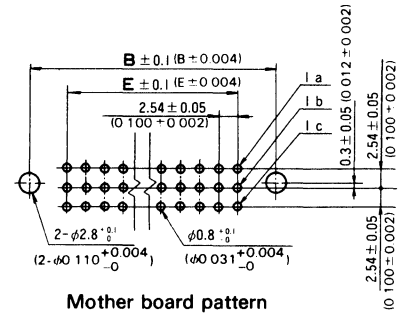
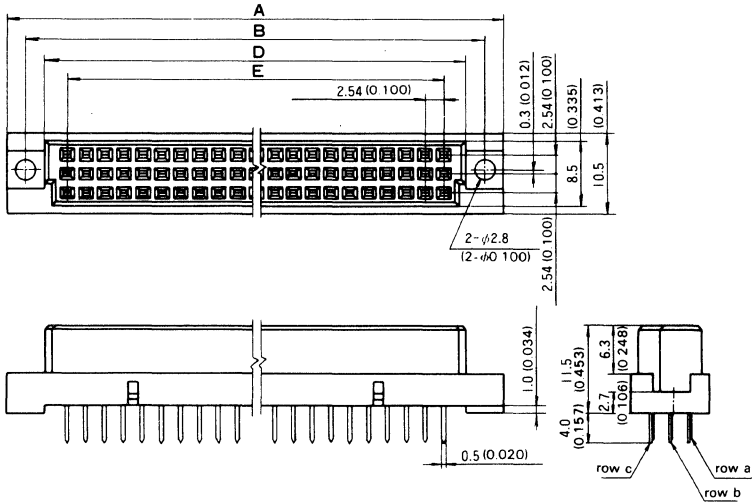
46R10



Dimensions for Receptacle								mm (inch)
No. of contacts	A	B	C	D	E	F	G	
30	31.78 (1.251)	26.67 (1.050)	24.68 (0.972)	24.18 (0.952)	21.78 (0.857)	19.78 (0.779)	17.78 (0.700)	
40	38.13 (1.501)	33.02 (1.300)	31.03 (1.222)	30.53 (1.202)	28.13 (1.107)	26.13 (1.029)	24.13 (0.950)	
50	44.48 (1.751)	39.37 (1.550)	37.38 (1.471)	36.88 (1.452)	34.48 (1.357)	32.48 (1.279)	30.48 (1.200)	
60	50.83 (2.001)	45.72 (1.800)	43.73 (1.722)	43.23 (1.702)	40.83 (1.607)	38.83 (1.529)	36.83 (1.450)	

OUTLINE DRAWINGS

46R12

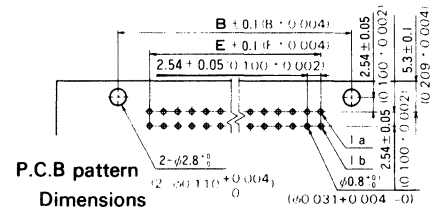
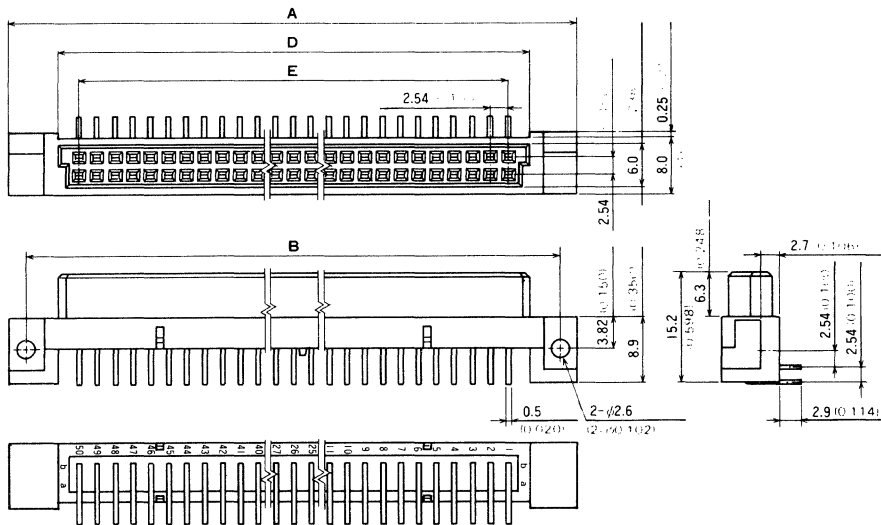


Mother board pattern

Dimensions

No. of contacts	A	B	D	E
48	54.36 (2.140)	49.36 (1.943)	44.26 (1.743)	38.10 (1.500)
96	95.00 (3.740)	90.00 (3.543)	84.90 (3.343)	78.74 (3.100)

46R13



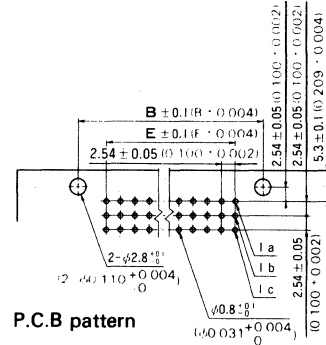
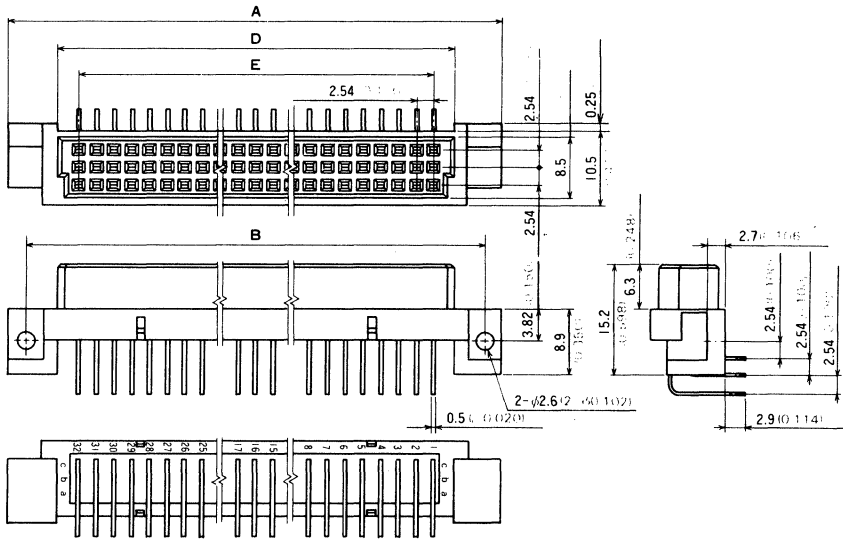
P.C.B pattern

Dimensions

No. of contacts	A	B	D	E
32	58.34 (2.297)	53.34 (2.100)	44.26 (1.743)	38.10 (1.500)
44	73.58 (2.897)	68.58 (2.700)	59.50 (2.343)	53.34 (2.100)
50	81.20 (3.197)	76.20 (3.000)	67.12 (2.643)	60.96 (2.400)
64	98.98 (3.897)	93.98 (3.700)	84.90 (3.343)	78.74 (3.100)
90	132.00 (5.199)	127.00 (5.000)	117.92 (4.643)	111.76 (4.400)
100	144.70 (5.697)	139.70 (5.500)	130.62 (5.143)	124.46 (4.900)

OUTLINE DRAWINGS

46R14

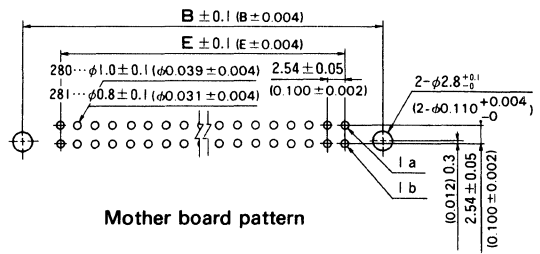
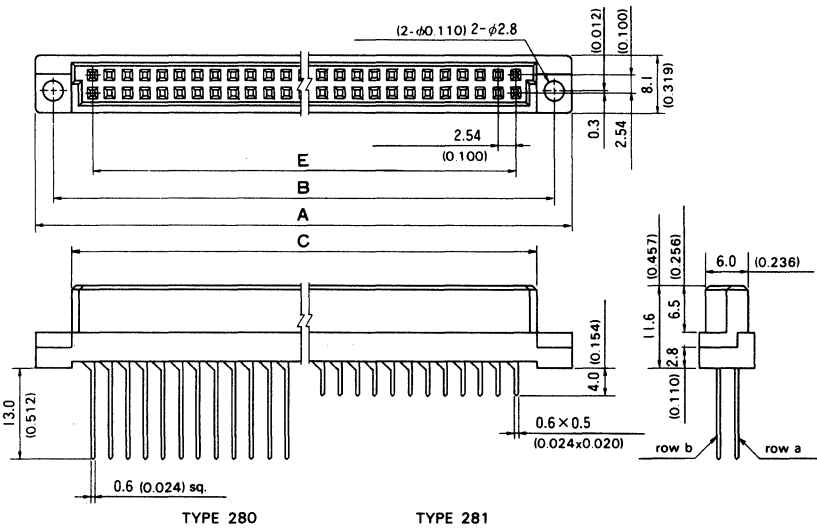


P.C.B pattern

Dimensions

No. of contacts	A	B	D	E
48	58.34 (2.297)	53.34 (2.100)	44.26 (1.743)	38.10 (1.500)
96	98.98 (3.897)	93.98 (3.700)	84.90 (3.343)	78.74 (3.100)

46R15



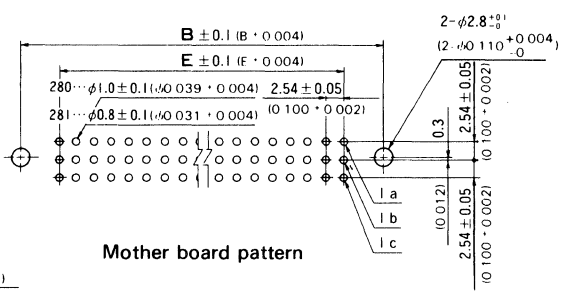
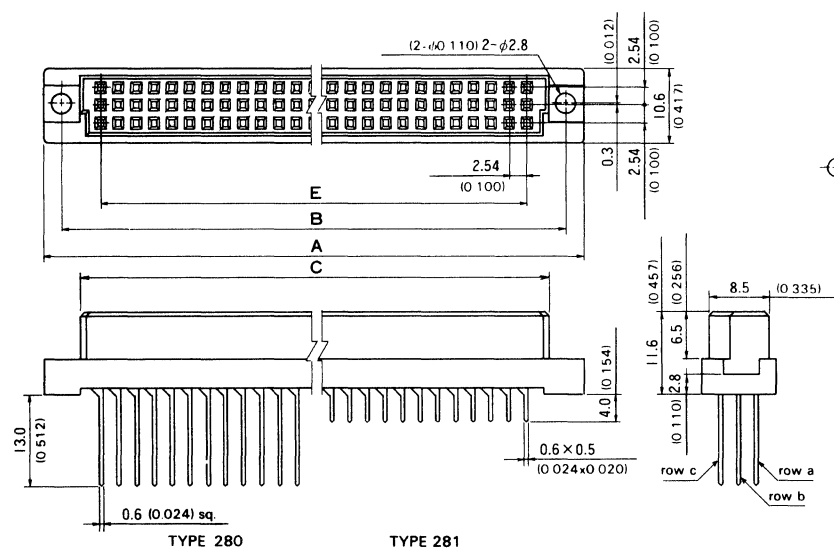
Mother board pattern

Dimensions

No. of contacts	A	B	C	E
32	54.36 (2.140)	49.36 (1.943)	44.36 (1.746)	38.10 (1.500)
50	77.22 (3.040)	72.22 (2.843)	67.22 (2.646)	60.96 (2.400)
64	95.00 (3.740)	90.00 (3.543)	85.00 (3.346)	78.74 (3.100)

OUTLINE DRAWINGS

46R16



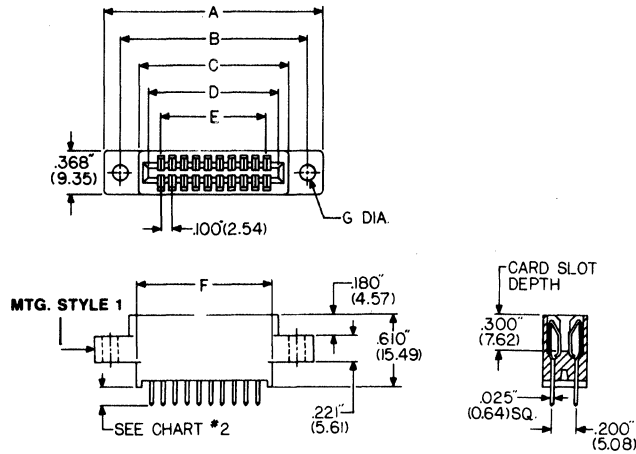
Mother board pattern

Dimensions

No. of contacts	A	B	C	E
48	54.36 (2.140)	49.36 (1.943)	44.36 (1.746)	38.10 (1.500)
96	95.00 (3.740)	90.00 (3.543)	85.00 (3.346)	78.74 (3.100)

OUTLINE DRAWINGS

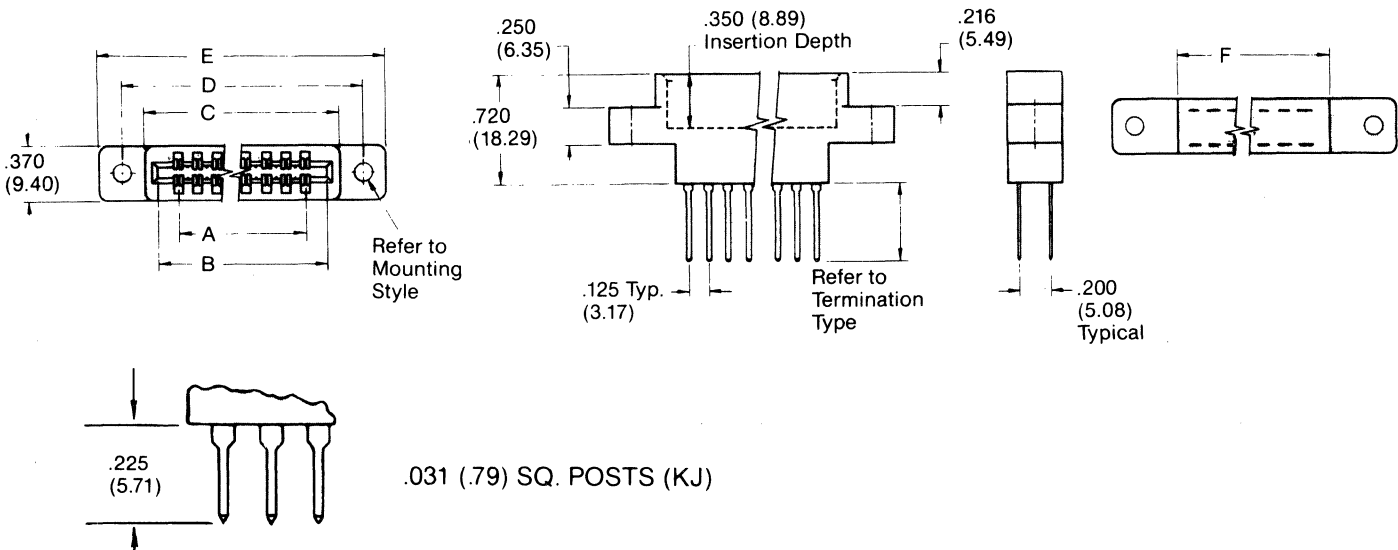
45R1



NO. OF POS.	TOTAL NO. OF CONTACTS	DIMENSIONS											
		"A"		"B"		"C"		"D"		"E"		"F"	
		In.	Mm	In.	Mm	In.	Mm	In.	Mm	In.	Mm	In.	Mm
10	20	1.835	46.61	1.575	40.00	1.260	32.00	1.100	27.94	.900	22.86	1.150	29.27
12	24	2.035	51.69	1.775	45.09	1.460	37.08	1.300	33.02	1.100	27.94	1.350	34.29
15	30	2.335	59.31	2.075	52.71	1.760	44.70	1.600	40.64	1.400	35.56	1.650	41.91
20	40	2.835	72.01	2.575	65.41	2.260	57.40	2.100	53.34	1.900	48.26	2.150	54.61
22	44	3.035	77.09	2.775	70.49	2.460	62.48	2.300	58.42	2.100	53.34	2.350	59.69
25	50	3.335	84.71	3.075	78.11	2.760	70.10	2.600	66.04	2.400	60.96	2.650	67.31
28	56	3.635	92.33	3.375	85.73	3.060	77.72	2.900	73.66	2.700	68.58	2.950	74.93
30	60	3.835	97.41	3.575	90.81	3.260	82.80	3.100	78.74	2.900	73.66	3.150	80.01
31	62	3.935	99.95	3.675	93.35	3.360	85.34	3.200	81.28	3.000	76.20	3.250	82.55
35	70	4.335	110.11	4.075	103.51	3.760	95.50	3.600	91.44	3.400	86.36	3.650	92.71
36	72	4.435	112.65	4.175	106.05	3.860	98.04	3.700	93.98	3.500	88.90	3.750	95.25
40	80	4.835	122.81	4.575	116.21	4.260	108.20	4.100	104.14	3.900	99.06	4.150	105.41
43	86	5.135	130.43	4.875	123.83	4.560	115.82	4.400	111.76	4.200	106.68	4.450	113.03
50	100	5.835	148.21	5.575	141.61	5.260	133.60	5.100	129.54	4.900	124.46	5.150	130.81

47R5

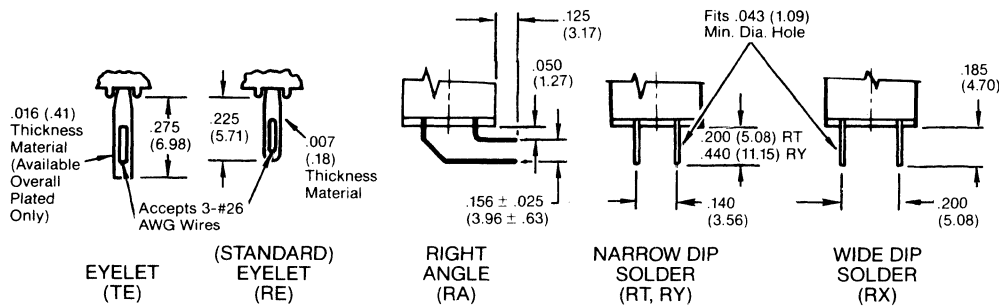
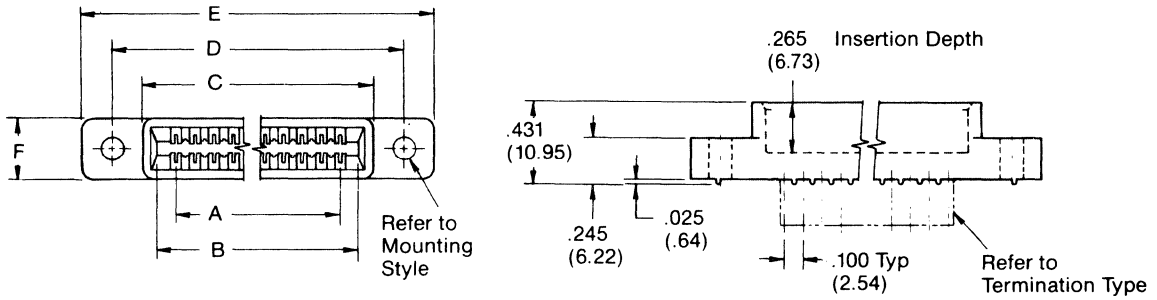
All dimensions are in inches. Dimensions in () are in millimeters.



NUMBER OF CONTACTS	INCHES						MILLIMETERS					
	A ±.008	B ±.008	C ±.015	D ±.010	E ±.020	F ±.015	A ±0.20	B ±0.20	C ±0.38	D ±0.25	E ±0.51	F ±0.38
12/24	1.375	1.502	1.625	1.875	2.125	1.625	34.93	38.15	41.28	47.63	53.97	41.28
15/30	1.750	1.877	2.000	2.250	2.500	2.000	44.45	47.68	50.80	57.15	63.50	50.80
31/62	3.750	3.877	4.000	4.250	4.500	4.000	95.25	98.48	101.60	107.95	114.30	101.60
36/72	4.375	4.502	4.625	4.875	5.125	4.625	111.13	114.35	117.48	123.83	130.18	117.47
43/86	5.250	5.377	5.500	5.750	6.000	5.500	133.35	136.58	146.05	146.05	152.40	139.70
50/100	6.125	6.246	6.375	6.625	6.875	6.375	155.58	158.65	161.93	161.93	174.62	161.93

OUTLINE DRAWINGS

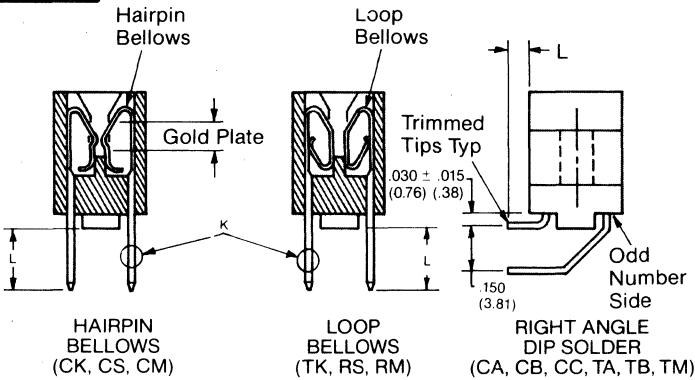
47R1



NUMBER OF CONTACTS	INCHES						MILLIMETERS					
	A ± .008	B ± .008	C ± .015	D ± .010	E ± .020	F ± .005	A ± 0.20	B ± 0.20	C ± 0.38	D ± 0.25	E ± 0.51	F ± 0.13
5/10	0.400	0.600	0.775	1.075	1.375	.330	10.16	15.24	19.69	27.31	34.93	8.38
6/12	0.500	0.700	0.875	1.175	1.475		12.70	17.78	22.23	29.85	37.47	
8/16	0.700	0.900	1.075	1.375	1.675		17.78	22.86	27.31	34.93	42.55	
10/20	0.900	1.100	1.275	1.575	1.875		22.86	27.94	32.39	40.01	47.63	
12/24	1.100	1.300	1.475	1.775	2.075		27.94	33.02	37.47	45.09	52.71	
13/26	1.200	1.400	1.575	1.875	2.175		30.48	35.56	40.01	47.63	55.25	
15/30	1.400	1.600	1.775	2.075	2.375		35.56	40.64	45.09	52.71	60.33	
18/36	1.700	1.900	2.075	2.375	2.675		43.18	48.26	52.71	60.33	67.95	
19/38	1.800	2.000	2.175	2.475	2.775		45.72	50.80	55.25	62.87	70.49	
20/40	1.900	2.100	2.275	2.575	2.875		48.26	53.34	57.79	65.41	73.03	
22/44	2.100	2.300	2.475	2.775	3.075		53.34	58.42	62.87	70.49	78.11	
25/50	2.400	2.600	2.775	3.075	3.375		60.96	66.04	70.49	78.11	85.73	
26/52	2.500	2.700	2.875	3.175	3.475		63.50	68.58	73.03	80.65	88.27	
28/56	2.700	2.900	3.075	3.375	3.675		68.58	73.66	78.11	85.73	93.35	
30/60	2.900	3.100	3.275	3.575	3.875		73.66	78.74	83.19	90.81	98.43	
31/62	3.000	3.200	3.375	3.675	3.975		76.20	81.28	85.73	93.35	100.97	
35/70	3.400	3.600	3.775	4.075	4.375	86.36	91.44	95.89	103.51	111.13		
36/72	3.500	3.700	3.875	4.175	4.475	88.90	93.98	98.43	106.05	113.67		
40/80	3.900	4.100	4.275	4.575	4.875	99.06	104.14	108.59	116.21	123.83		
43/86	4.200	4.400	4.575	4.875	5.175	106.68	111.76	116.21	123.83	131.45		
44/88	4.300	4.500	4.675	4.975	5.275	109.22	114.30	118.75	126.37	133.99		
49/98	4.800	5.000	5.175	5.475	5.775	121.92	127.00	131.45	139.07	146.69		
50/100	4.900	5.100	5.275	5.575	5.875	124.46	129.54	133.99	141.61	149.23		
60/120	5.900	6.100	6.275	6.575	6.875	149.86	154.94	159.39	167.01	174.63		

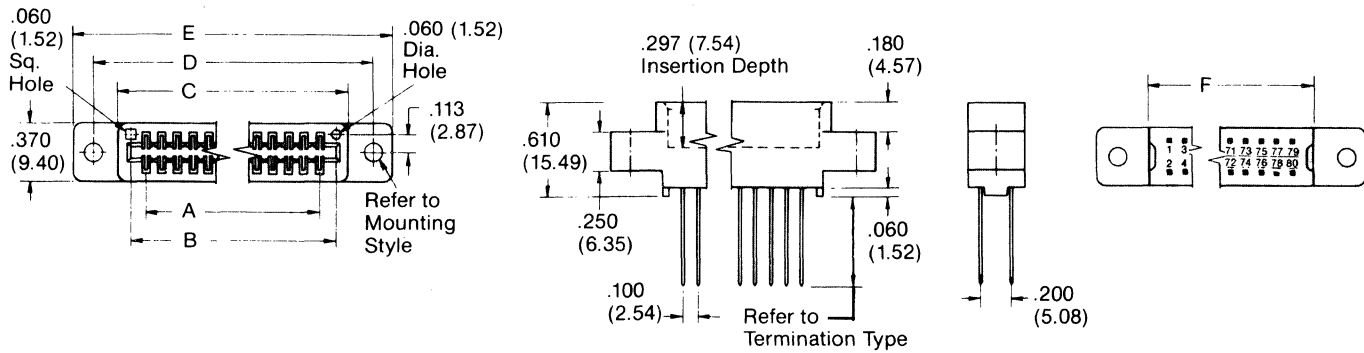
OUTLINE DRAWINGS

47R2



Bellows		Termination Type	Post Cross Section	Post Length	Fits Min. Hole Size
Hairpin	Loop				
CK	TK	Dip Solder	.026 (.66) Round	.190 (4.83)	.030 (0.76)
CS	RS	Dip Solder	.025 (.64) Square	.190 (4.83)	.040 (1.02)
CM	RM	Wire Wrap	.025 (.64) Square	.560 (14.2)	.040 (1.02)
CA	TA	Right Angle	.025 (.64) Square	.100 (2.54)	.043 (1.09)
CB	TB	Right Angle	.025 (.64) Square	.180 (4.57)	.043 (1.09)
CC	TM	Right Angle	.025 (.64) Square	.250 (6.35)	.043 (1.09)

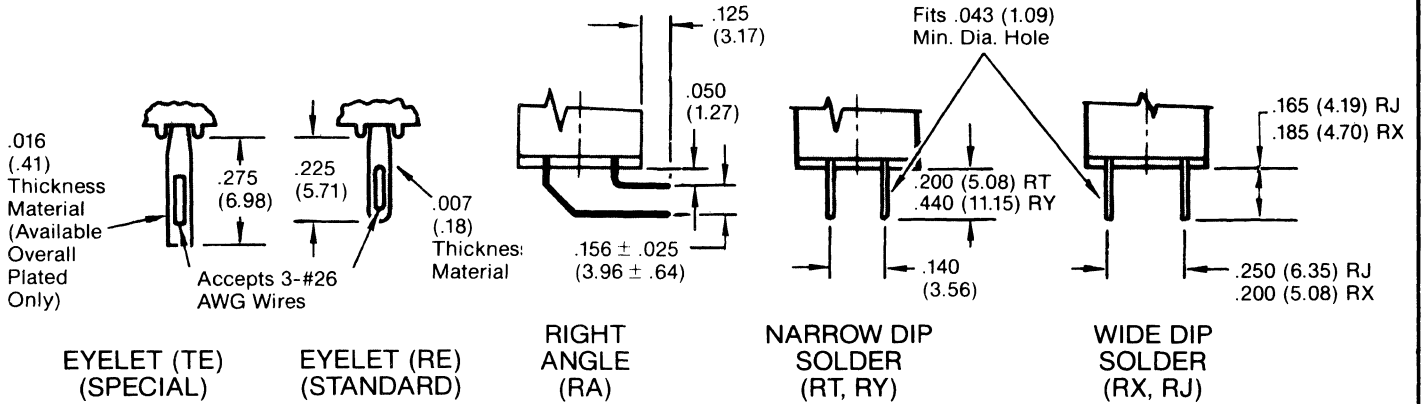
All dimensions are in inches. Dimensions in () are in millimeters.



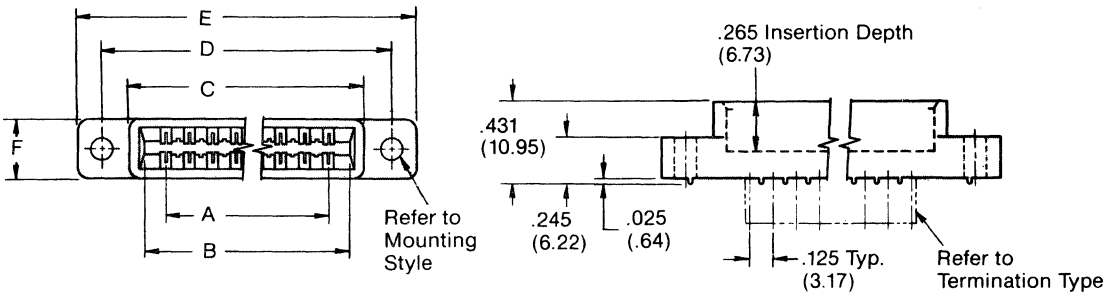
NUMBER OF CONTACTS	INCHES						MILLIMETERS					
	A +.008	B +.008	C +.015	D +.010	E +.020	F +.015	A ±0.20	B ±0.20	C ±0.38	D ±0.25	E ±0.51	F ±0.38
8/16	0.700	0.900	1.060	1.375	1.635	0.950	17.78	22.86	26.92	34.93	41.53	24.13
10/20	0.900	1.100	1.260	1.575	1.835	1.150	22.86	27.94	32.00	40.00	46.61	29.21
12/24	1.100	1.300	1.460	1.775	2.035	1.350	27.94	33.02	37.08	45.08	51.69	34.29
15/30	1.400	1.600	1.760	2.075	2.335	1.650	35.56	40.64	44.70	52.70	59.31	41.91
17/34	1.600	1.800	1.960	2.275	2.535	1.850	40.64	45.72	49.78	57.79	64.39	46.99
18/36	1.700	1.900	2.060	2.375	2.635	1.950	43.18	48.26	52.32	60.32	66.93	49.53
20/40	1.900	2.100	2.260	2.575	2.835	2.150	48.26	53.34	57.40	65.40	72.01	54.61
22/44	2.100	2.300	2.460	2.775	3.035	2.350	53.34	58.42	62.48	70.48	77.09	59.69
25/50	2.400	2.600	2.760	3.075	3.335	2.650	60.96	66.04	70.10	78.10	84.71	67.31
28/56	2.700	2.900	3.060	3.375	3.635	2.950	68.58	73.66	77.72	85.72	92.33	74.93
30/60	2.900	3.100	3.260	3.575	3.835	3.150	73.66	78.74	82.80	90.80	97.41	80.01
31/62	3.000	3.200	3.360	3.675	3.935	3.250	76.20	81.28	85.34	93.34	99.95	82.55
35/70	3.400	3.600	3.760	4.075	4.335	3.650	86.36	91.44	95.50	103.50	110.11	92.71
36/72	3.500	3.700	3.860	4.175	4.435	3.750	88.90	93.98	98.04	106.04	112.65	95.25
40/80	3.900	4.100	4.260	4.575	4.835	4.150	99.06	104.14	108.20	116.20	122.81	105.41
43/86	4.200	4.400	4.560	4.875	5.135	4.450	106.68	111.76	115.82	123.82	130.43	113.03
44/88	4.300	4.500	4.660	4.975	5.235	4.550	109.22	114.30	118.36	126.36	132.97	115.57
49/98	4.800	5.000	5.160	5.475	5.735	5.050	121.92	127.00	131.06	139.06	145.67	128.27
50/100	4.900	5.100	5.260	5.575	5.835	5.150	124.46	129.54	133.60	141.60	148.21	130.81
55/110	5.400	5.600	5.760	6.075	6.335	5.650	137.16	142.24	146.30	154.30	160.91	143.51
60/120	5.900	6.100	6.260	6.575	6.835	6.150	149.86	154.94	159.00	167.00	173.61	156.21
61/122	6.000	6.200	6.360	6.675	6.935	6.250	152.40	157.48	161.54	169.55	176.15	158.75
65/130	6.400	6.600	6.760	7.075	7.335	6.650	162.56	167.64	171.70	179.70	186.31	168.91
70/140	6.900	7.100	7.260	7.575	7.835	7.150	175.26	180.34	184.40	192.40	199.01	181.61

OUTLINE DRAWINGS

47R3



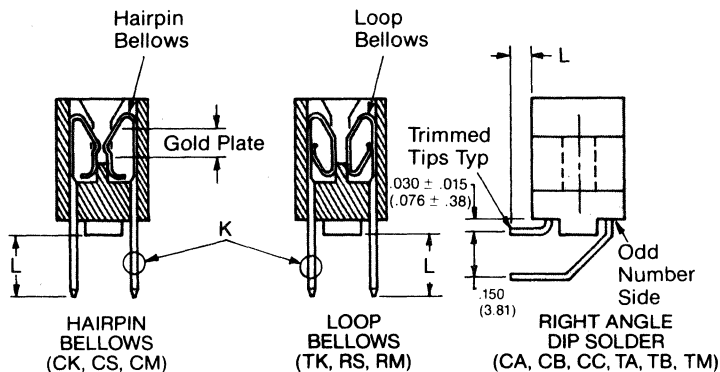
Dimensions in () are in millimeters, all others are in inches. Tolerances with Ryton Insulator material may vary slightly due to shrinkage differential; consult factory.



NUMBER OF CONTACTS	INCHES						MILLIMETERS					
	A ±.008	B ±.008	C ±.015	D ±.010	E ±.020	F ±.005	A ±0.20	B ±0.20	C ±0.38	D ±0.25	E ±0.51	F ±0.13
6/12	0.625	0.875	1.035	1.295	1.575	.330	15.88	22.23	26.29	32.89	40.01	8.38
10/20	1.125	1.375	1.535	1.795	2.075		28.58	34.93	38.99	45.59	52.71	
14/28	1.625	1.875	2.035	2.295	2.575		41.28	47.63	51.69	58.29	65.41	
15/30	1.750	2.000	2.160	2.420	2.700		44.45	50.80	54.86	61.47	68.58	
18/36	2.125	2.375	2.535	2.795	3.075		53.98	60.33	64.39	70.99	78.11	
22/44	2.625	2.875	3.035	3.295	3.575		66.68	73.03	77.09	83.69	90.81	
28/56	3.375	3.625	3.785	4.045	4.325		85.73	92.08	96.14	102.74	109.86	
30/60	3.625	3.875	4.035	4.295	4.575		92.08	98.43	102.49	109.09	116.21	
31/62	3.750	4.000	4.160	4.420	4.700		95.25	101.60	105.66	112.27	119.38	
35/70	4.250	4.500	4.660	4.920	5.200		107.95	114.30	118.36	124.97	132.08	
36/72	4.375	4.625	4.785	5.045	5.325		111.13	117.48	121.54	128.14	135.26	
37/74	4.500	4.750	4.910	5.170	5.450		114.30	120.65	124.71	131.32	138.43	
40/80	4.875	5.125	5.285	5.545	5.825		123.83	130.18	134.24	140.84	147.96	
43/86	5.250	5.500	5.660	5.920	6.200		133.35	139.70	143.76	150.37	157.48	
44/88	5.375	5.625	5.785	6.045	6.325		136.53	142.88	146.94	153.54	160.66	
49/98	6.000	6.250	6.410	6.670	6.950		152.40	158.75	162.81	169.42	176.53	
50/100	6.125	6.375	6.535	6.795	7.075	155.58	161.93	165.99	172.59	179.71		
						.370						9.40

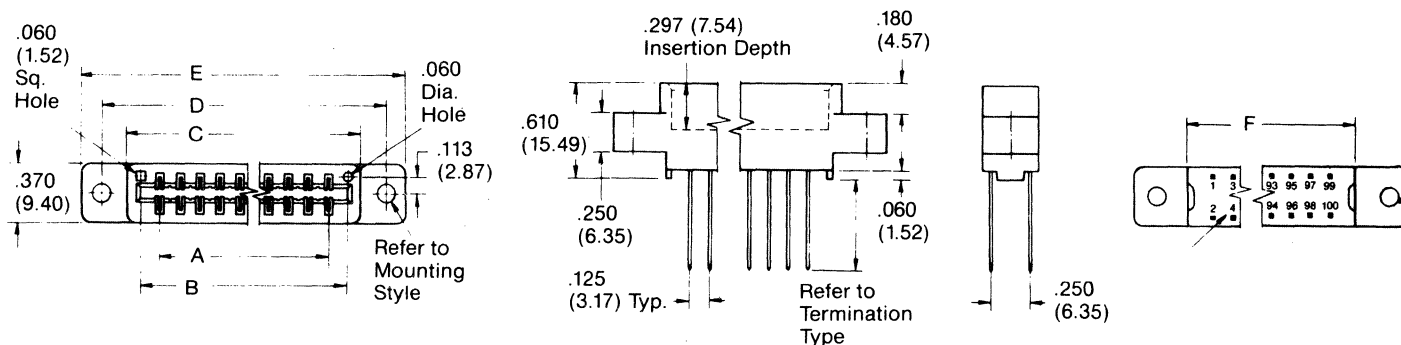
OUTLINE DRAWINGS

47R4



Bellows		Termination Type	Post Cross Section K	Post Length L	Fits Min. Hole Size
Hairpin	Loop				
CK	TK	Dip Solder	.026 (.66) Round	.190 (4.83)	.030 (0.76)
CS	RS	Dip Solder	.025 (.64) Square	.190 (4.83)	.040 (1.02)
CM	RM	Wire Wrap	.025 (.64) Square	.560 (14.2)	.040 (1.02)
CA	TA	Right Angle	.025 (.64) Square	.100 (2.54)	.043 (1.09)
CB	TB	Right Angle	.025 (.64) Square	.180 (4.57)	.043 (1.09)
CC	TM	Right Angle	.025 (.64) Square	.250 (6.35)	.043 (1.09)

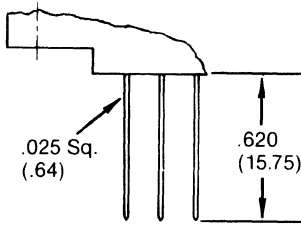
All dimensions are in inches. Dimensions in () are in millimeters.



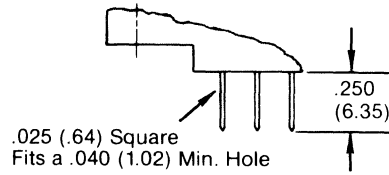
NUMBER OF CONTACTS	INCHES						MILLIMETERS					
	A ±.008	B ±.008	C ±.015	D ±.010	E ±.020	F ±.015	A ±0.20	B ±0.20	C ±0.38	D ±0.25	E ±0.51	F ±0.38
6/12	0.625	0.875	1.035	1.295	1.555	0.875	15.87	22.22	26.29	32.89	39.50	22.22
10/20	1.125	1.375	1.535	1.795	2.055	1.375	28.57	34.92	38.99	45.59	52.20	34.92
14/28	1.625	1.875	2.035	2.295	2.555	1.875	41.27	47.62	51.69	58.29	64.90	47.62
15/30	1.750	2.000	2.160	2.420	2.680	2.000	44.45	50.80	54.86	61.47	68.07	50.80
18/36	2.125	2.375	2.535	2.795	3.055	2.375	53.97	60.32	64.39	70.99	77.60	60.32
22/44	2.625	2.875	3.035	3.295	3.555	2.875	66.67	73.02	77.09	83.69	90.30	73.02
24/48	2.875	3.125	3.285	3.545	3.805	3.125	73.03	79.38	83.44	90.04	96.65	79.38
28/56	3.375	3.625	3.785	4.045	4.305	3.625	85.72	92.07	96.14	102.74	109.35	92.07
30/60	3.625	3.875	4.035	4.295	4.555	3.875	92.07	98.42	102.49	109.09	115.70	98.42
31/62	3.750	4.000	4.160	4.420	4.680	4.000	95.25	101.60	105.66	112.27	118.87	101.60
32/64	3.875	4.125	4.285	4.545	4.805	4.125	98.43	104.77	108.84	115.44	122.05	104.77
35/70	4.250	4.500	4.660	4.920	5.180	4.500	107.95	114.30	118.36	124.97	131.57	114.30
36/72	4.375	4.625	4.785	5.045	5.305	4.625	111.12	117.47	121.54	128.14	134.75	117.47
40/80	4.875	5.125	5.285	5.545	5.805	5.125	123.83	130.17	134.24	140.84	147.45	130.17
43/86	5.250	5.500	5.660	5.920	6.180	5.500	133.36	139.70	143.77	150.37	156.98	139.70
44/88	5.375	5.625	5.785	6.045	6.305	5.625	136.53	142.87	146.94	153.54	160.15	142.87
49/98	6.000	6.250	6.410	6.670	6.930	6.250	152.40	158.75	162.81	169.42	176.02	158.75
50/100	6.125	6.375	6.535	6.795	7.055	6.375	155.57	161.92	165.99	172.59	179.20	161.92

OUTLINE DRAWINGS

47R6



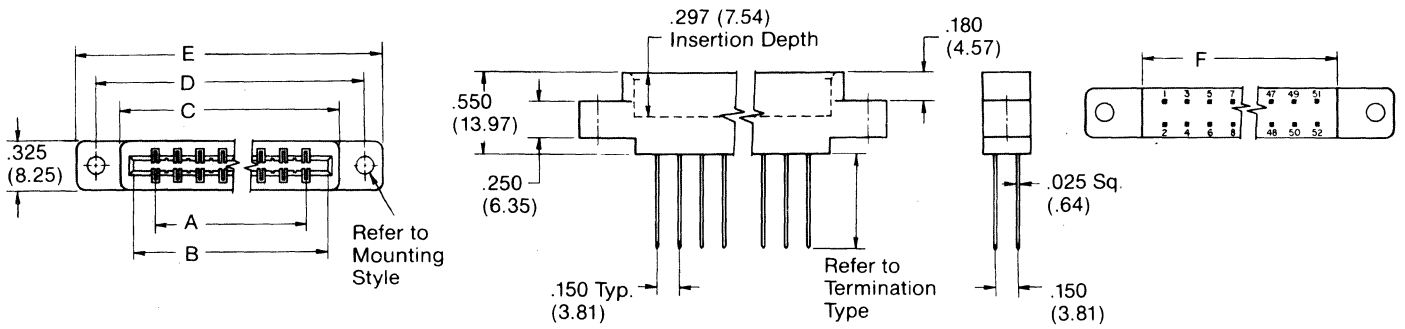
WIRE WRAP (MC)



DIP SOLDER (SC)

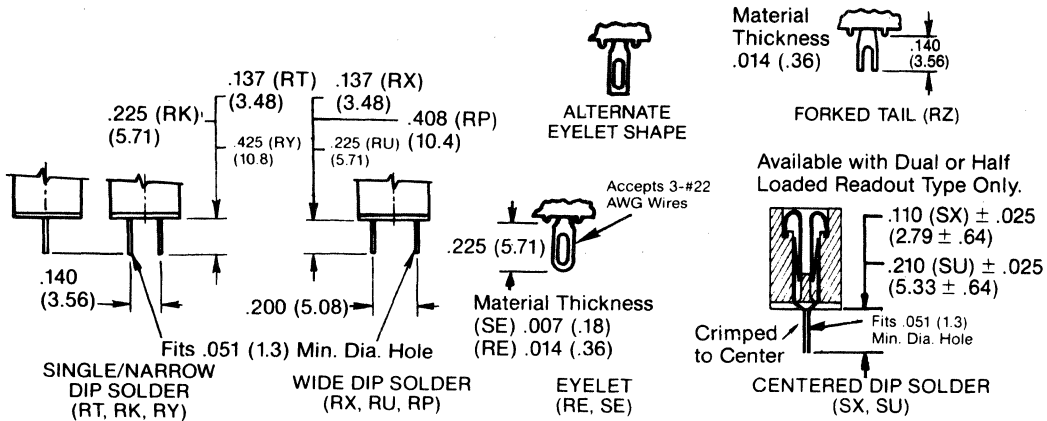
NUMBER OF CONTACTS	INCHES						MILLIMETERS					
	A ±.008	B ±.008	C ±.015	D ±.010	E ±.020	F ±.015	A ±0.20	B ±0.20	C ±0.38	D ±0.25	E ±0.51	F ±0.38
18/36	2.550	2.850	2.990	3.300	3.550	2.800	64.77	72.39	75.95	83.82	90.17	71.12
22/44	3.150	3.450	3.590	3.900	4.150	3.400	80.01	87.63	91.19	99.06	105.41	86.36
26/52	3.750	4.050	4.190	4.500	4.750	4.000	95.25	102.87	106.43	114.30	120.65	101.60
28/56	4.050	4.350	4.490	4.800	5.050	4.300	102.87	110.49	114.05	121.92	128.27	109.22
31/62	4.500	4.800	4.940	5.250	5.500	4.750	114.30	121.92	125.48	133.35	139.70	120.65

All dimensions are in inches. Dimensions in () are in millimeters.

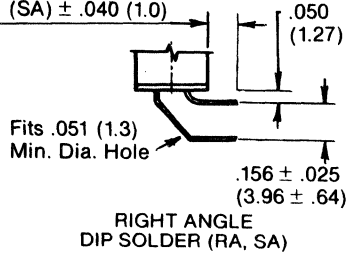


OUTLINE DRAWINGS

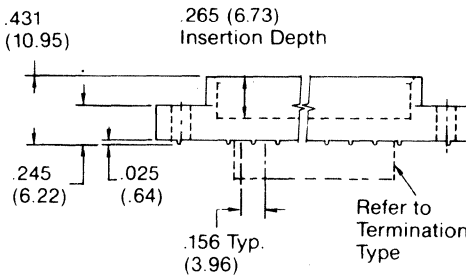
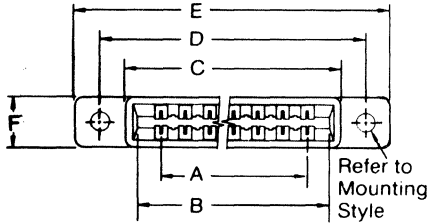
47R7



- (RA) .125 (3.17) For All Positions
- (SA) .270 (6.85) 02 thru 25 Positions
- (SA) .230 (5.84) 28 thru 36 Positions
- (SA) .190 (4.82) 43 Position
- Tolerance: RA ± .025 (.64), (SA) ± .040 (1.0)



Dimensions in () are in millimeters, all others are in inches. Tolerances with Ryton Insulator material may vary slightly due to shrinkage differential; consult factory.

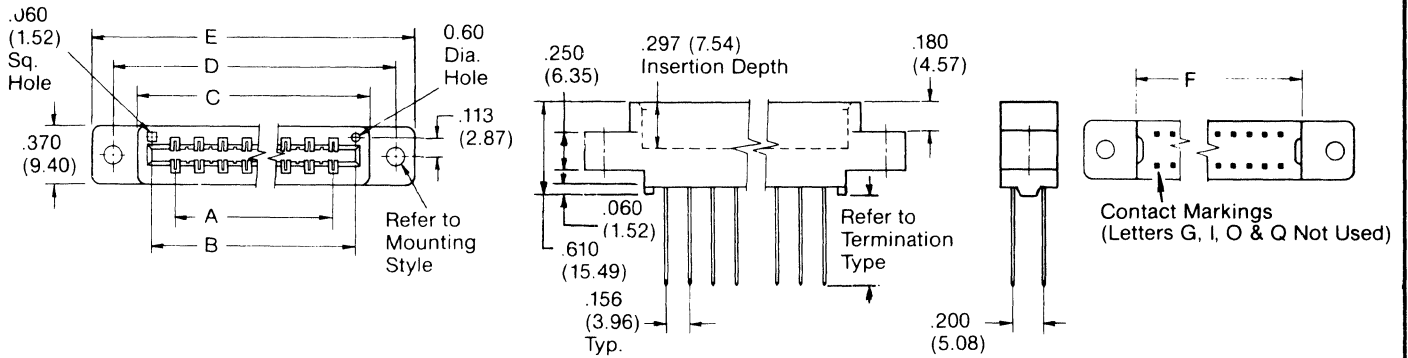


NUMBER OF CONTACTS	INCHES						MILLIMETERS					
	A ±.008	B ±.008	C ±.015	D ±.010	E MAX	F ±.005	A ±0.20	B ±0.20	C ±0.38	D ±0.25	E MAX	F ±0.13
2/4	.156	.476	.596				3.96	12.09	15.14			
3/6	.312	.632	.752				7.92	16.05	19.10			
6/12	.780	1.100	1.220	1.533	1.875	.325	19.81	27.94	30.99	38.94	47.63	8.255
8/16	1.092	1.412	1.532	1.845	2.187		27.74	35.86	38.91	46.86	55.55	
10/20	1.404	1.724	1.844	2.157	2.499		35.66	43.79	46.84	54.79	63.47	
11/22	1.560	1.880	2.000	2.313	2.655		39.62	47.75	50.80	58.75	67.44	
12/24	1.716	2.036	2.156	2.469	2.811		43.58	51.71	54.76	62.71	71.40	
15/30	2.184	2.504	2.624	2.937	3.279		55.47	63.60	66.65	74.60	83.29	
18/36	2.652	2.972	3.092	3.405	3.747		67.36	75.49	78.54	86.49	95.17	
22/44	3.276	3.596	3.716	4.029	4.371		83.21	91.34	94.38	102.34	111.02	
24/48	3.588	3.908	4.028	4.341	4.683		91.13	99.26	102.31	110.26	118.95	
25/50	3.744	4.064	4.184	4.497	4.839		95.09	103.22	106.27	114.22	122.91	
28/56	4.212	4.532	4.652	4.964	5.303	.438	106.98	115.11	118.16	126.08	134.69	11.125
36/72	5.460	5.780	5.906	6.219	6.566		138.68	146.81	150.01	157.96	166.77	
43/86	6.552	6.872	7.000	7.302	7.643	.500	166.42	174.55	177.80	185.47	194.13	12.700

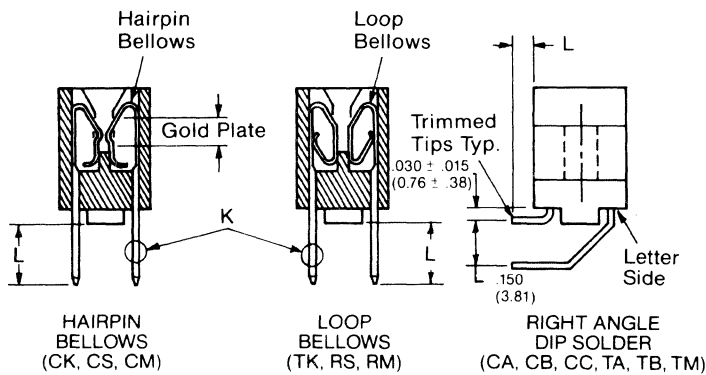
OUTLINE DRAWINGS

47R8

All dimensions are in inches. Dimensions in () are in millimeters.



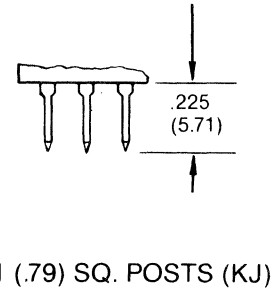
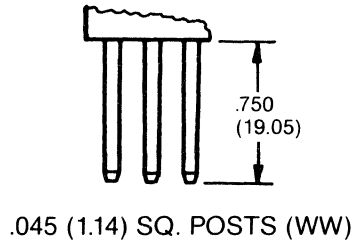
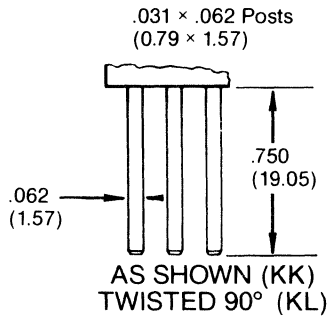
NUMBER OF CONTACTS	INCHES						MILLIMETERS					
	A ±.008	B ±.008	C ±.015	D ±.010	E ±.020	F ±.015	A ±0.20	B ±0.20	C ±0.38	D ±0.25	E ±0.51	F ±0.38
6/12	0.780	1.102	1.221	1.534	1.784	1.030	19.81	27.99	31.01	38.96	45.31	26.16
8/16	1.092	1.414	1.533	1.846	2.096	1.342	27.74	35.92	38.94	46.89	53.24	34.09
10/20	1.404	1.726	1.845	2.158	2.408	1.654	35.66	43.84	46.86	54.81	61.16	42.01
12/24	1.716	2.038	2.157	2.470	2.720	1.966	43.59	51.76	54.79	62.74	69.09	49.94
15/30	2.184	2.506	2.625	2.938	3.188	2.434	55.47	63.65	66.67	74.63	80.98	61.82
18/36	2.652	2.974	3.093	3.406	3.656	2.902	67.36	75.54	78.56	86.51	92.86	73.71
20/40	2.964	3.286	3.405	3.718	3.968	3.214	75.29	83.46	86.49	94.44	100.79	86.64
22/44	3.276	3.598	3.717	4.030	4.330	3.526	83.21	91.39	94.41	102.36	109.98	85.56
24/48	3.588	3.910	4.029	4.342	4.642	3.838	91.14	99.31	102.34	110.29	117.91	97.49
25/50	3.744	4.066	4.185	4.498	4.748	3.994	95.10	103.27	106.30	114.25	120.60	101.45
28/56	4.212	4.534	4.653	4.966	5.216	4.462	106.98	115.16	118.19	126.14	132.49	113.33
30/60	4.524	4.846	4.965	5.278	5.528	4.774	114.91	123.09	126.11	134.06	140.41	121.26
31/62	4.680	5.002	5.121	5.434	5.684	4.930	118.87	127.05	130.07	138.02	144.37	125.22
36/72	5.460	5.782	5.901	6.214	6.464	5.710	138.68	146.86	149.89	157.84	164.19	145.03
40/80	6.084	6.406	6.525	6.838	7.088	6.334	154.53	162.20	165.73	173.68	180.03	160.88
43/86	6.552	6.874	6.993	7.306	7.556	6.802	166.42	174.75	177.80	185.47	193.04	172.77



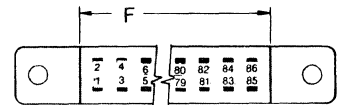
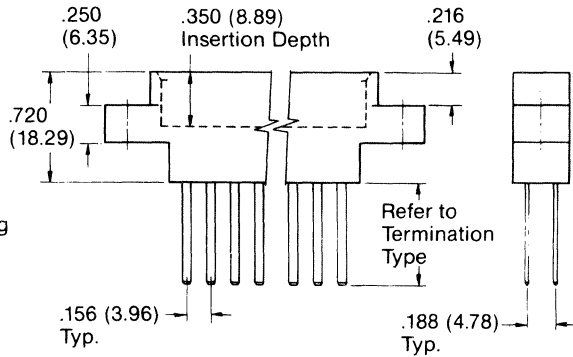
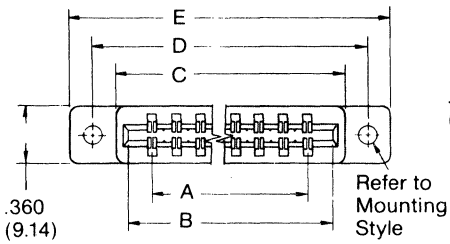
Bellops	Termination Type	Post Cross Section K	Post Length L	Fits Min. Hole Size
CK TK	Dip Solder	.026 (.66) Round	.190 (4.83)	.030 (0.76)
CS RS	Dip Solder	.025 (.64) Square	.190 (4.83)	.040 (1.02)
CM RM	Wire Wrap	.025 (.64) Square	.560 (14.2)	.040 (1.02)
CA TA	Right Angle	.025 (.64) Square	.100 (2.54)	.043 (1.09)
CB TB	Right Angle	.025 (.64) Square	.180 (4.57)	.043 (1.09)
CC TM	Right Angle	.025 (.64) Square	.250 (6.35)	.043 (1.09)

OUTLINE DRAWINGS

47R9



All dimensions are in inches. Dimensions in () are in millimeters.

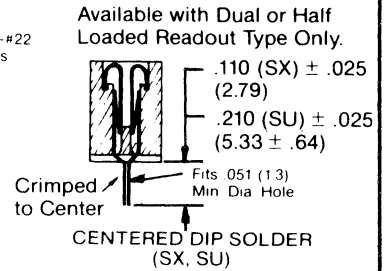
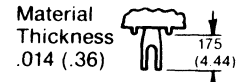
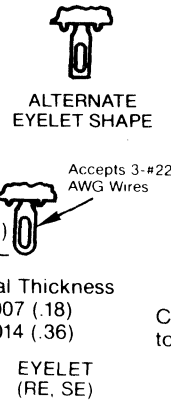
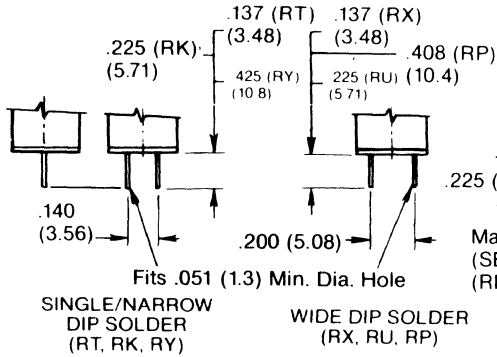
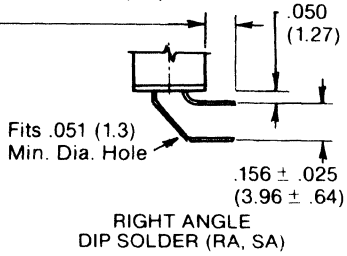


NUMBER OF CONTACTS	INCHES						MILLIMETERS					
	A ±.008	B ±.008	C ±.015	D ±.010	E ±.020	F ±.015	A ±0.20	B ±0.20	C ±0.38	D ±0.25	E ±0.51	F ±0.38
10/20	1.404	1.724	1.848	2.158	2.408	1.604	35.66	43.79	46.94	54.81	61.16	40.74
15/30	2.184	2.506	2.628	2.938	3.188	2.385	55.47	63.60	66.75	74.63	80.97	60.53
18/36	2.652	2.972	3.096	3.406	3.656	2.852	67.36	75.49	78.64	86.56	92.86	72.44
22/44	3.276	3.596	3.720	4.030	4.280	3.476	83.21	91.34	94.49	102.36	108.71	88.29
25/50	3.744	4.064	4.188	4.498	4.748	3.944	95.09	103.23	106.38	114.25	120.60	100.18
28/56	4.212	4.532	4.656	4.966	5.216	4.412	106.98	115.11	118.26	126.14	132.49	112.06
30/60	4.524	4.844	4.968	5.278	5.528	4.724	114.91	123.04	126.19	134.06	140.41	119.99
31/62	4.680	5.000	5.124	5.434	5.684	4.880	118.87	127.00	130.15	138.02	144.37	123.95
36/72	5.460	5.780	5.904	6.214	6.464	5.660	138.68	146.81	149.96	157.84	164.18	143.76
43/86	6.552	6.872	6.996	7.306	7.556	6.752	166.42	174.55	177.69	185.57	191.92	171.50
50/100	7.644	7.964	8.088	8.398	8.648	7.844	194.16	202.28	205.43	213.31	219.66	199.24

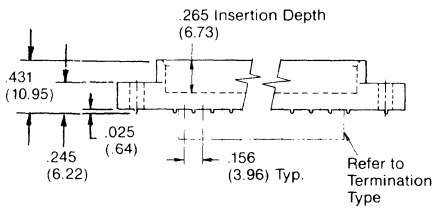
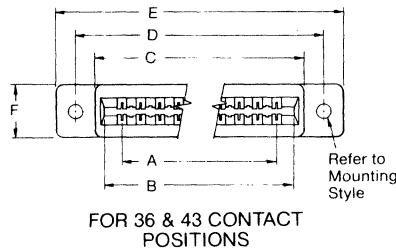
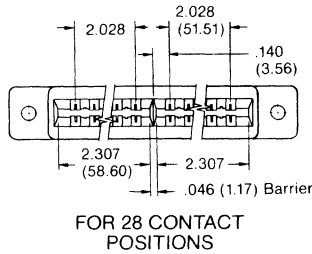
OUTLINE DRAWINGS

47R10

- (RA) .125 (3.17) For All Positions
- (SA) 2.30 (5.84) 28 thru 36 Positions
- (SA) 1.90 (4.82) 43 Position
- Tolerance: RA $\pm .025$ (.64),
- (SA) $\pm .040$ (1.0)



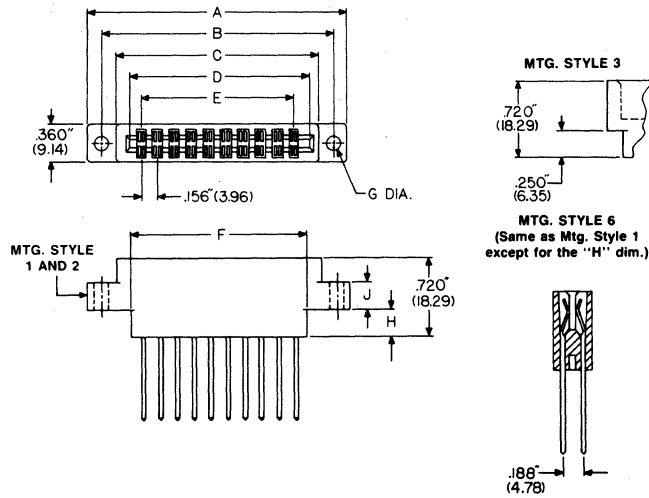
Dimensions in () are in millimeters, all others are in inches. Tolerances with Ryton Insulator material may vary slightly due to shrinkage differential; consult factory.



NUMBER OF CONTACTS	INCHES						MILLIMETERS						CENTER BARRIER
	A $\pm .008$	B $\pm .008$	C $\pm .015$	D $\pm .010$	E MAX	F $\pm .005$	A ± 0.20	B ± 0.20	C ± 0.38	D ± 0.25	E MAX	F ± 0.38	
28/56	—	4.660	4.781	5.093	5.427	.438	—	118.36	121.44	129.36	137.85	11.13	YES
36/72	5.460	5.766	5.906	6.219	6.566	.500	138.68	146.46	150.01	157.96	166.78	11.13	NO
43/86	6.552	6.802	7.000	7.302	7.643	.500	166.42	172.77	177.80	185.47	194.13	12.70	NO

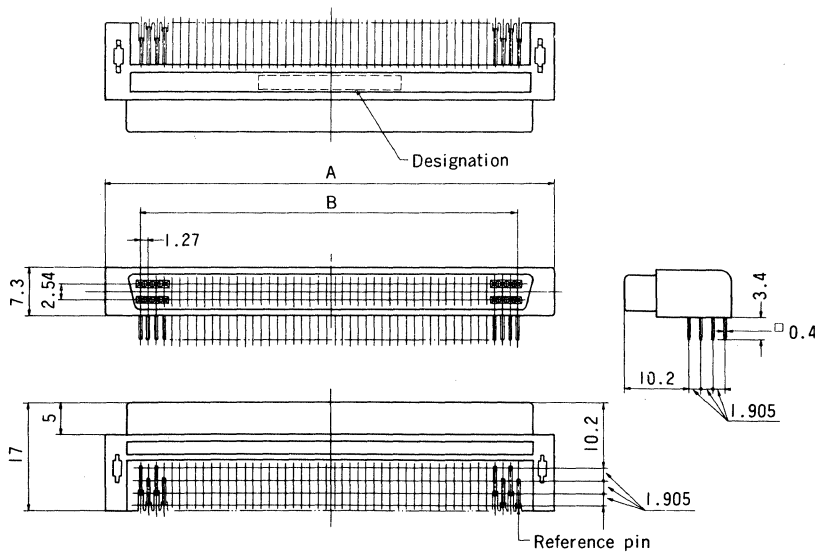
OUTLINE DRAWINGS

45R2



NO. OF POS.	TOTAL NO. OF CONTACTS	DIMENSIONS											
		"A"		"B"		"C"		"D"		"E"		"F"	
		In.	Mm	In.	Mm	In.	Mm	In.	Mm	In.	Mm	In.	Mm
7	14	1.938	49.22	1.690	42.93	1.408	35.76	1.256	31.90	.936	23.77	1.136	28.85
10	20	2.406	61.11	2.158	54.81	1.876	47.65	1.724	43.79	1.404	35.66	1.604	40.74
15	30	3.186	80.92	2.938	74.63	2.656	67.46	2.504	63.60	2.184	55.47	2.384	60.55
18	36	3.654	92.81	3.406	86.51	3.124	79.35	2.972	75.49	2.652	67.36	2.852	72.44
22	44	4.278	108.66	4.030	102.36	3.748	95.20	3.596	91.39	3.276	83.21	3.476	88.29
28	56	5.214	132.44	4.966	126.14	4.684	118.97	4.532	115.11	4.212	106.98	4.412	112.06
30	60	5.526	140.36	5.278	134.06	4.996	126.90	4.844	123.04	4.524	114.91	4.724	119.99
31	62	5.682	144.32	5.434	138.02	5.152	130.86	5.000	127.00	4.680	118.87	4.880	123.95
36	72	6.462	164.13	6.214	157.84	5.932	150.67	5.780	146.81	5.460	138.88	5.660	143.76
40	80	7.086	179.98	6.838	173.69	6.556	166.52	6.404	162.66	6.084	154.53	6.284	159.61
43	86	7.554	191.87	7.306	185.57	7.024	178.41	6.872	174.55	6.552	166.42	6.752	171.50
50	100	8.646	219.61	8.398	213.31	8.116	206.15	7.964	202.29	7.644	194.16	7.844	199.24

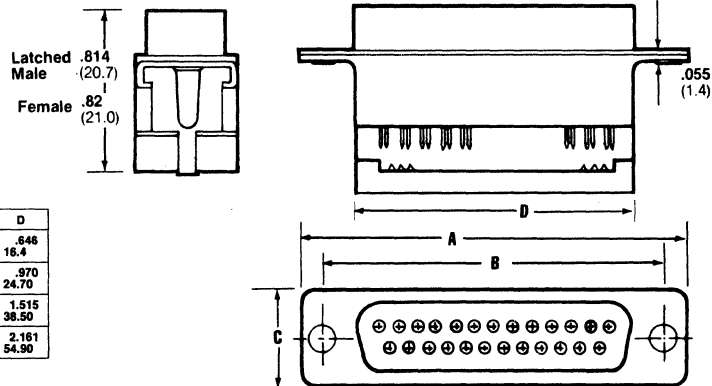
54R1



No. of contacts	A	B
34	31.63	20.32
48	40.52	29.21
96	71.00	59.69

OUTLINE DRAWINGS

55R4

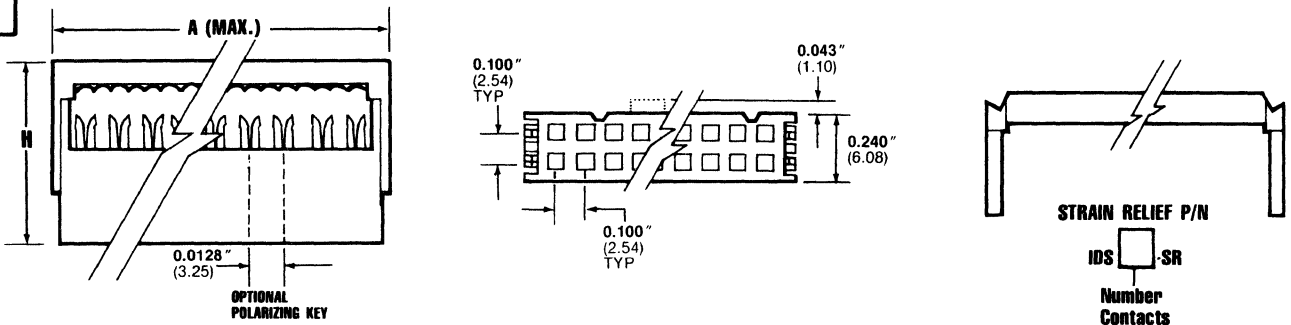


PINS	A	B	C	D
9	1.212 30.80	.984 25.00	.492 12.50	.646 16.4
15	1.539 39.10	1.311 33.32	.492 12.50	.970 24.70
25	2.090 53.10	1.852 47.04	.492 12.50	1.515 38.50
37	2.738 69.50	2.5 63.50	.492 12.50	2.181 54.90

Note: Standard shell plating is yellow chromate. Add prefix "T" for tin plating and grounding indents on male. Example - TIDC-25P

Note: To include strain relief, add suffix "SR". Example - TIDC-25P-SR

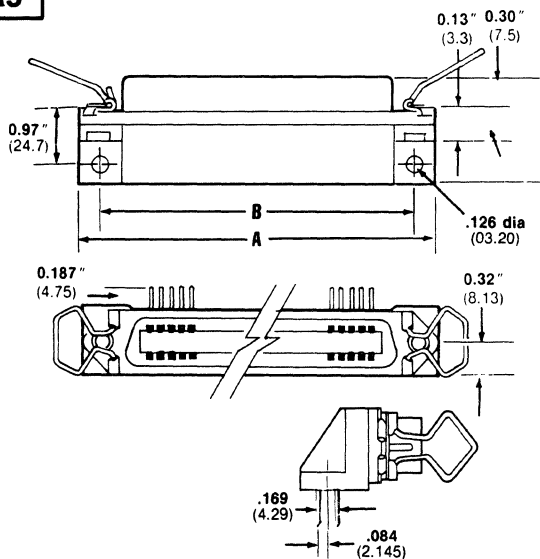
55R6



H DIM

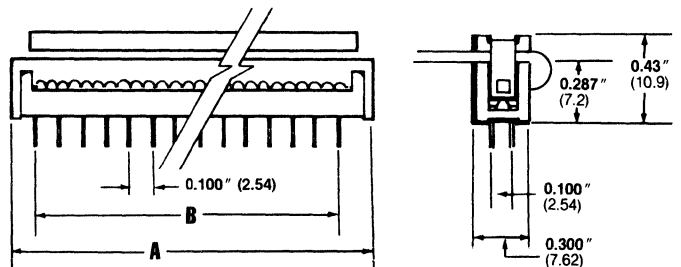
.515(13.08)Unlatched.
.425(10.75)Latched
.640(16.25)With Strain Relief

55R5



CONTACTS	A	B
24	2.16 (54.78)	1.84 (46.78)
38	2.67 (67.74)	2.35 (59.74)
50	3.26 (82.85)	2.95 (74.85)

55R9

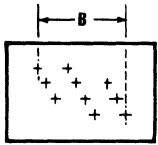


No. of Pins	A	B
10	0.748" (19.00)	0.400" (10.16)
14	0.948" (24.08)	0.600" (15.24)
16	1.048" (27.53)	0.700" (17.78)
20	1.248" (31.70)	0.900" (22.86)
26	1.548" (39.32)	1.200" (30.48)
34	1.948" (49.48)	1.600" (40.64)
40	2.248" (57.10)	1.900" (48.26)
50	2.748" (69.80)	2.400" (60.96)
60	3.248" (82.50)	2.900" (73.66)

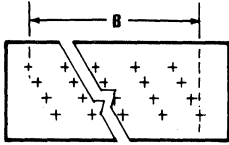
DIMENSIONS IN INCHES (MM)

OUTLINE DRAWINGS

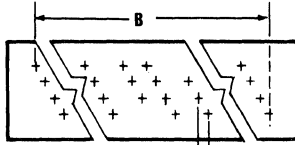
55R7



10 POSITION



16, 20, 40 & 60 POSITION

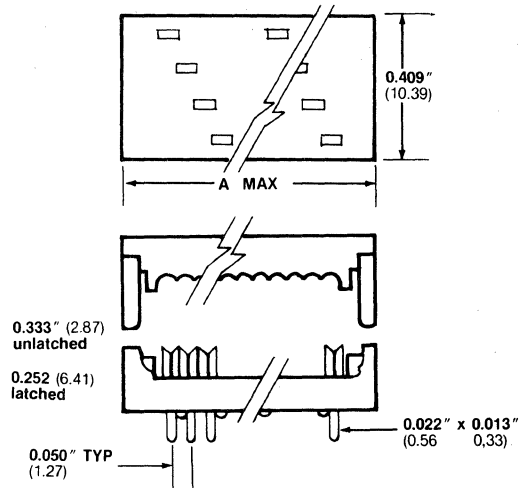


26, 34 & 50 POSITION

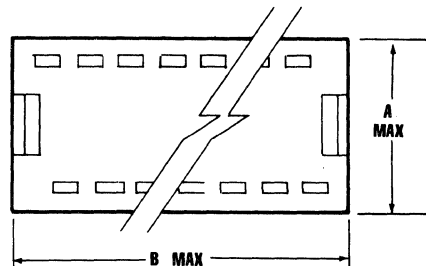
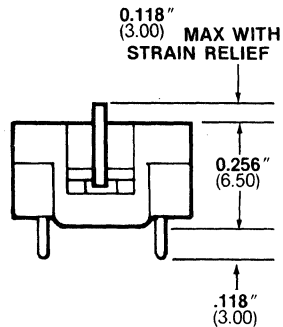
0.050" (1.27)
TYP ALL PATTERNS

No. of Pins	A MAX	B
10	0.699" (17.75)	0.450" (11.43)
16	0.999" (25.37)	0.750" (19.05)
20	1.199" (30.45)	0.950" (24.13)
26	1.499" (38.07)	1.250" (31.75)
34	1.899" (48.23)	1.650" (41.91)
40	2.199" (55.85)	1.950" (49.53)
50	2.699" (68.55)	2.450" (62.23)
60	3.199" (81.25)	2.950" (74.93)

DIMENSIONS IN INCHES (MM)

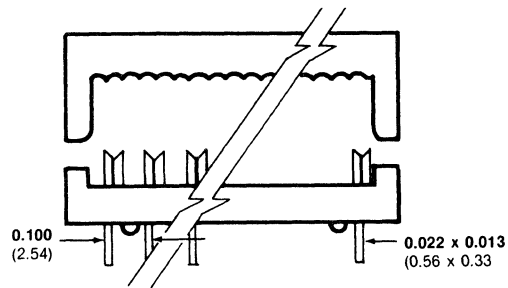


55R8



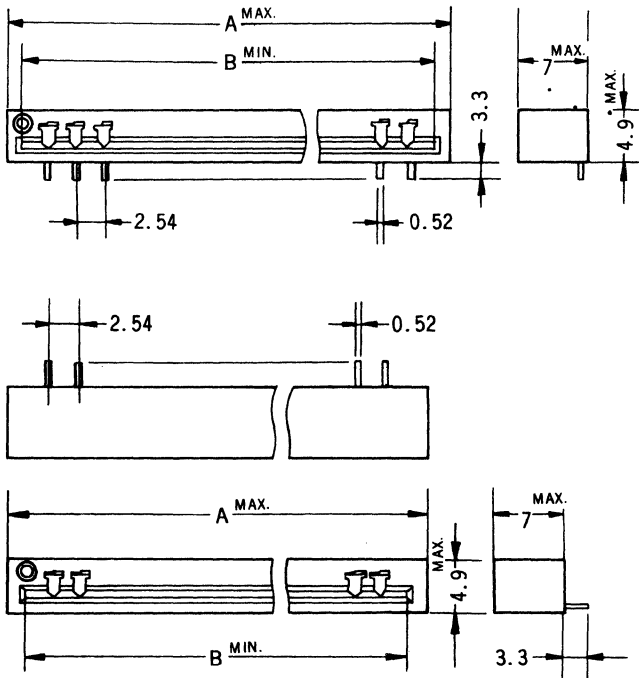
No. of Pins	"MAX" A	"MAX" B
14	0.425" (10.79)	0.780" (19.81)
16	0.425" (10.79)	0.880" (22.35)
24	0.725" (18.41)	1.280" (32.51)
40	0.725" (18.41)	2.080" (52.83)

DIMENSIONS IN INCHES (MM)



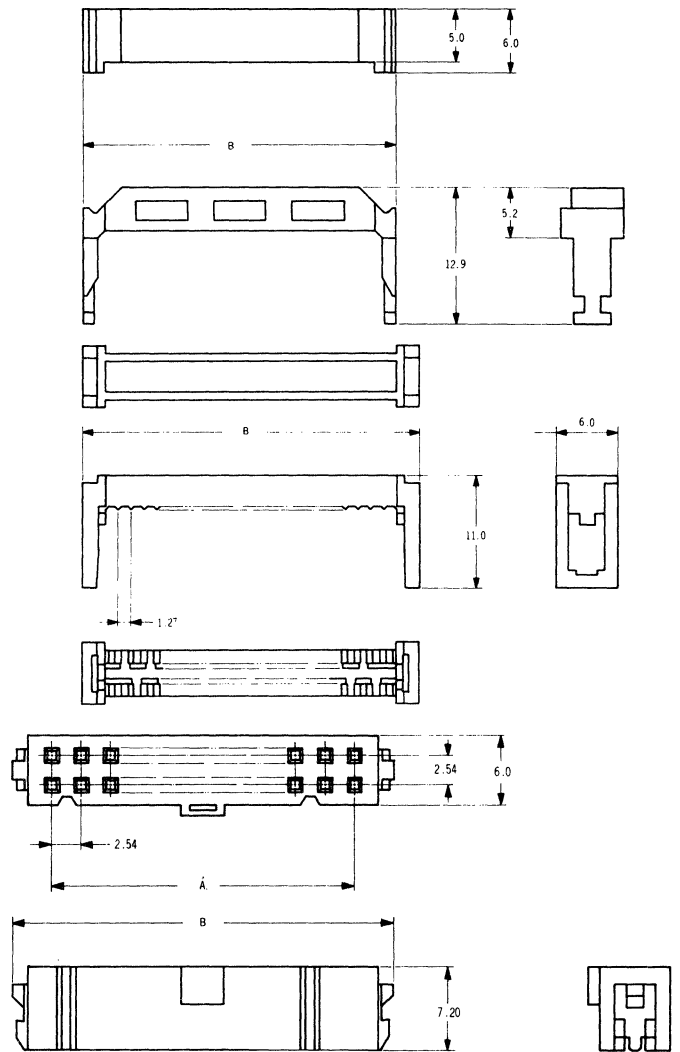
OUTLINE DRAWINGS

56R1

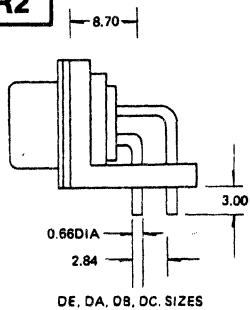


No. of Contacts	Dimension	
	A	B
5	18.4	15.4
6	20.9	17.9
7	23.4	20.4
8	26.0	23.0
9	28.5	25.5
10	31.0	28.0
11	33.6	30.6
12	36.1	33.1
13	38.7	35.7
14	41.2	38.2
15	43.7	40.7
16	46.3	43.3
17	48.8	45.8
18	51.4	48.4
19	53.9	50.9
20	56.4	53.4
21	59.0	56.0

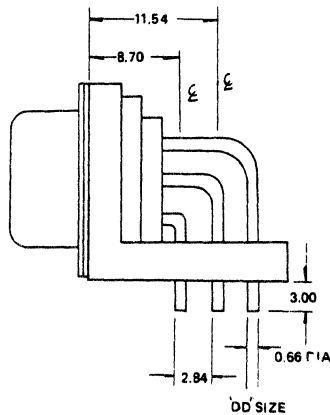
56R3



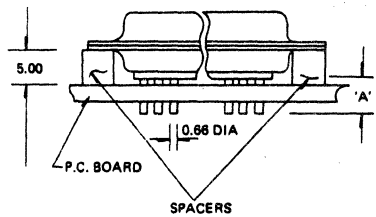
56R2



DE, DA, DB, DC SIZES



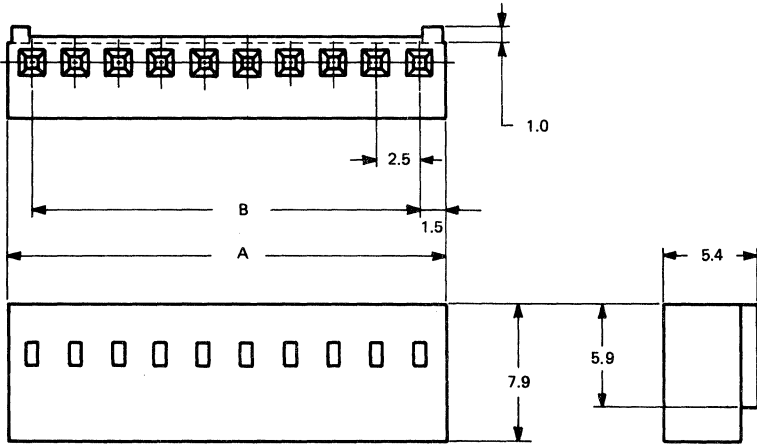
DD SIZE



Thickness OF P.C.B.	'A' DIM.
2.38	3.60
1.58	2.80

OUTLINE DRAWINGS

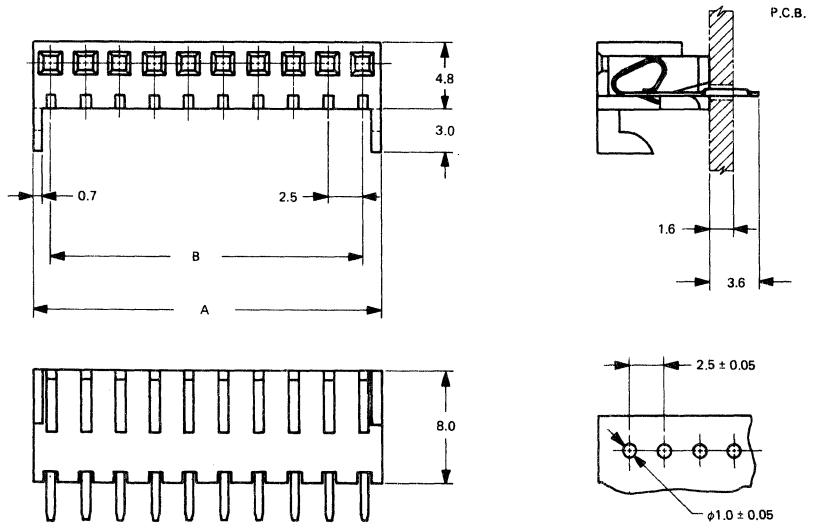
56R5



CIRCUITS	DIMENSION	
	A	B
2	5.5	2.5
3	8.0	5.0
4	10.5	7.5
5	13.0	10.0
6	15.5	12.5
7	18.0	15.0
8	20.5	17.5
9	23.0	20.0
10	25.5	22.5
11	28.0	25.0
12	30.5	27.5
13	33.0	30.0
14	35.5	32.5
15	38.0	35.0
16	40.5	37.5
17	43.0	40.0
18	45.5	42.5
19	48.0	45.0
20	50.5	47.5

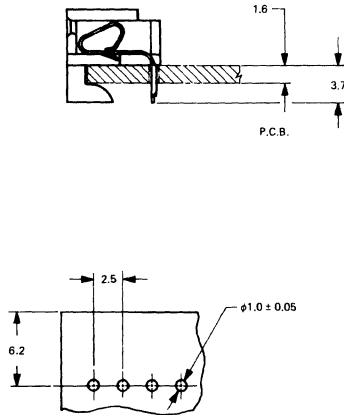
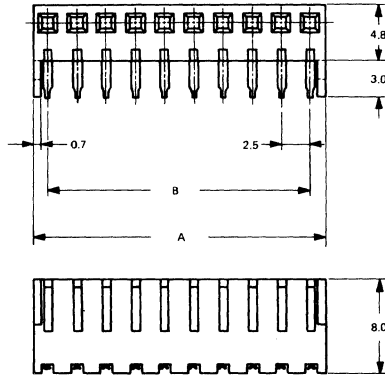
56R6

CIRCUITS	DIMENSION	
	A	B
2	4.90	2.50
3	7.40	5.00
4	9.90	7.50
5	12.40	10.00
6	14.90	12.50
7	17.40	15.00
8	19.90	17.50
9	22.40	20.00
10	24.90	22.50
11	27.40	25.00
12	29.90	27.50
13	32.40	30.00
14	34.90	32.50
15	37.40	35.00



OUTLINE DRAWINGS

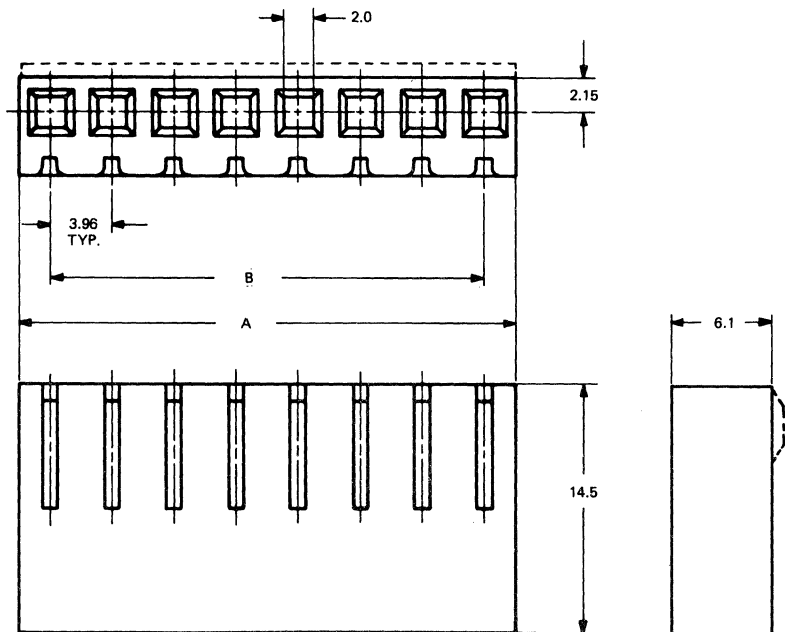
56R7



CIRCUITS	DIMENSION	
	A	B
2	4.90	2.50
3	7.40	5.00
4	9.90	7.50
5	12.40	10.00
6	14.90	12.50
7	17.40	15.00
8	19.90	17.50
9	22.40	20.00
10	24.90	22.50
11	27.40	25.00
12	29.90	27.50
13	32.40	30.00
14	34.90	32.50
15	37.40	35.00

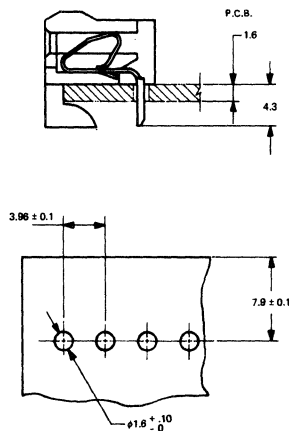
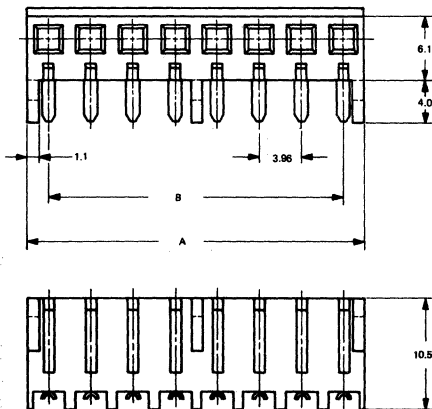
56R8

Circuits	Dimension	
	A	B
2	8.92	3.96
3	12.88	7.92
4	16.84	11.88
5	20.80	15.84
6	24.76	19.80
7	28.72	23.76
8	32.68	27.72
9	36.64	31.68
10	40.60	35.64
11	44.56	39.60
12	48.52	43.56
13	52.48	47.52
14	56.44	51.48
15	60.40	55.44
16	64.36	59.40
17	68.32	63.36
18	72.28	67.32
19	76.24	71.28
20	80.20	75.24



OUTLINE DRAWINGS

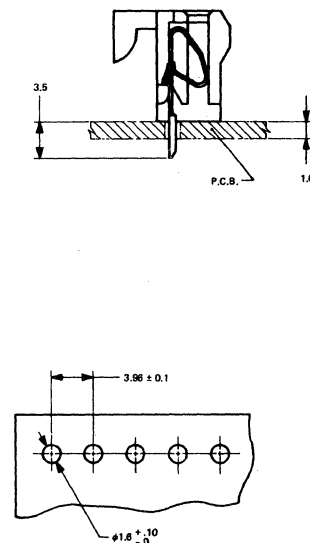
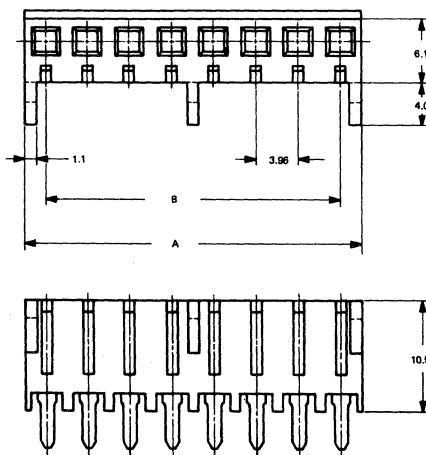
56R9



CIRCUITS	DIMENSION	
	A	B
2	7.82	3.96
3	11.78	7.92
4	15.74	11.88
5	19.70	15.84
6	23.66	19.80
7	27.62	23.76
8	31.58	27.72
9	35.54	31.68
10	39.50	35.64
11	43.46	39.60
12	47.42	43.56
13	51.38	47.52
14	55.34	51.48
15	59.30	55.44

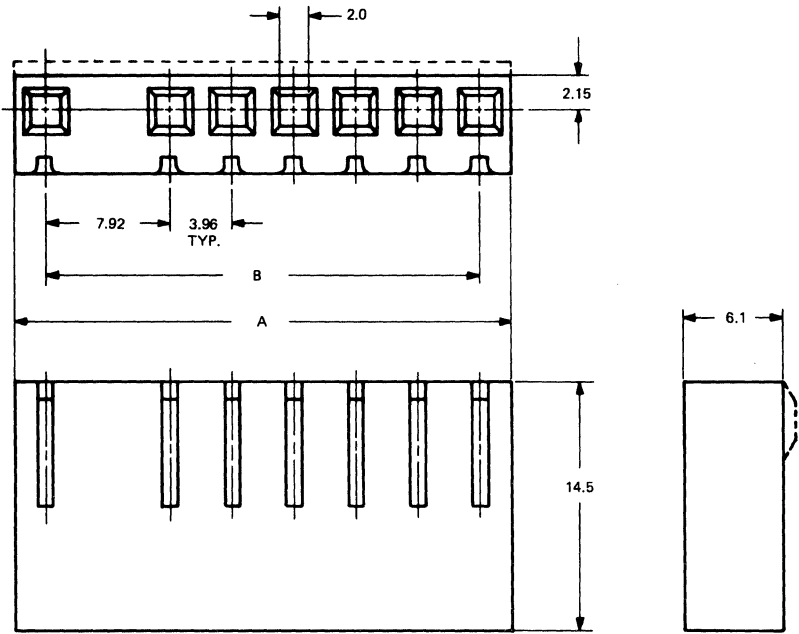
56R10

CIRCUITS	DIMENSION	
	A	B
2	7.82	3.96
3	11.78	7.92
4	15.74	11.88
5	19.70	15.84
6	23.66	19.80
7	27.62	23.76
8	31.58	27.72
9	35.54	31.68
10	39.50	35.64
11	43.46	39.60
12	47.42	43.56
13	51.38	47.52
14	55.34	51.48
15	59.30	55.44



OUTLINE DRAWINGS

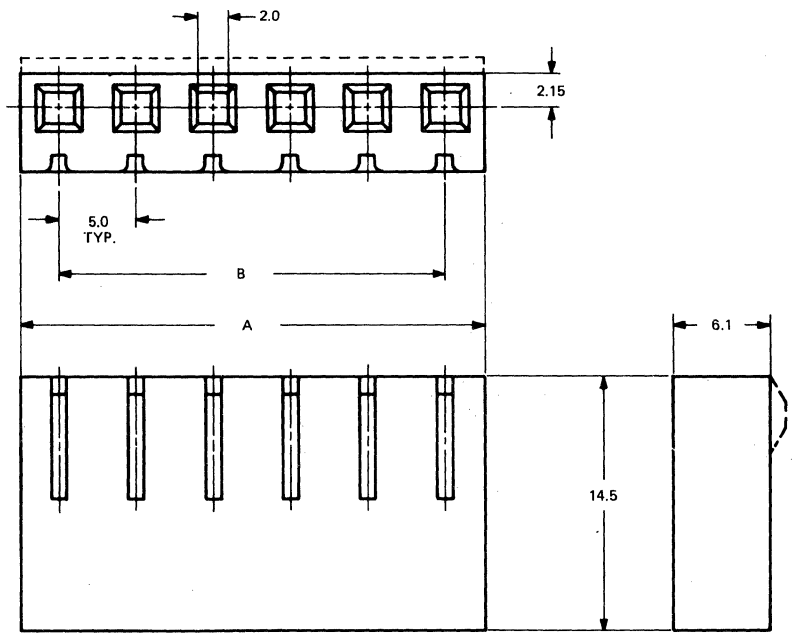
56R11



Circuits	Dimension	
	A	B
3	16.84	11.88
4	20.80	15.84
5	24.76	19.80
6	28.72	23.76
7	32.68	27.72
8	36.64	31.68
9	40.60	35.64
10	44.56	39.60
11	48.52	43.56
12	52.48	47.52
13	56.44	51.48
14	60.40	55.44
15	64.36	59.40
16	68.32	63.36
17	72.28	67.32
18	76.24	71.28
19	80.20	75.24

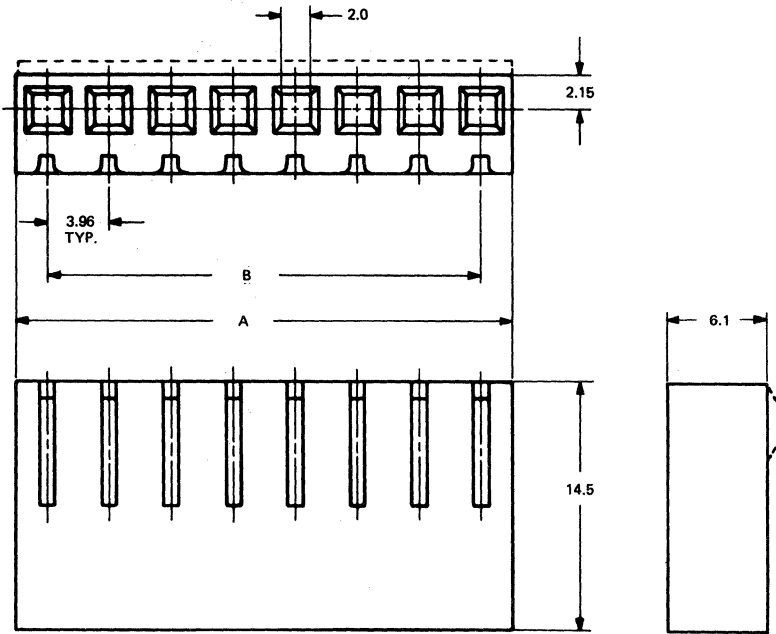
56R12

Circuits	Dimension	
	A	B
2	10.0	5.0
3	15.0	10.0
4	20.0	15.0
5	25.0	20.0
6	30.0	25.0
7	35.0	30.0
8	40.0	35.0
9	45.0	40.0
10	50.0	45.0
11	55.0	50.0
12	60.0	55.0
13	65.0	60.0
14	70.0	65.0
15	75.0	70.0
16	80.0	75.0



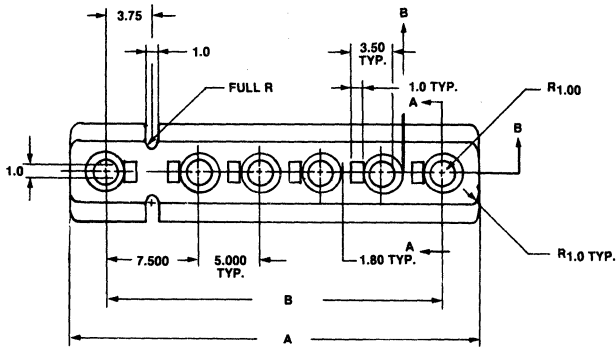
OUTLINE DRAWINGS

56R13

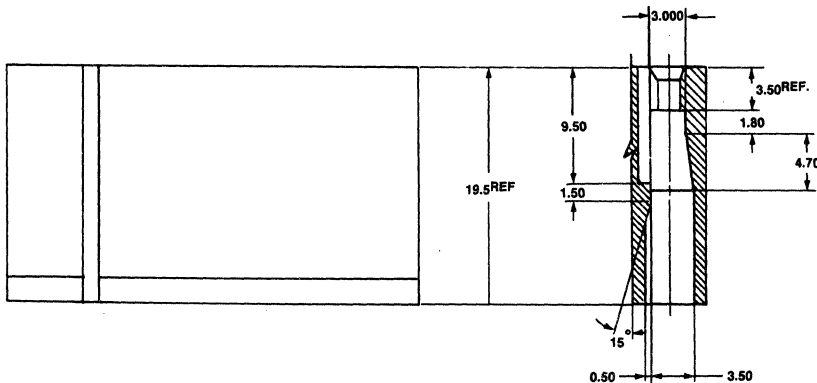


Circuits	Dimension	
	A	B
3	20.0	15.0
4	25.0	20.0
5	30.0	25.0
6	35.0	30.0
7	40.0	35.0
8	45.0	40.0
9	50.0	45.0
10	55.0	50.0
11	60.0	55.0
12	65.0	60.0
13	70.0	65.0
14	75.0	70.0
15	80.0	75.0

56R15

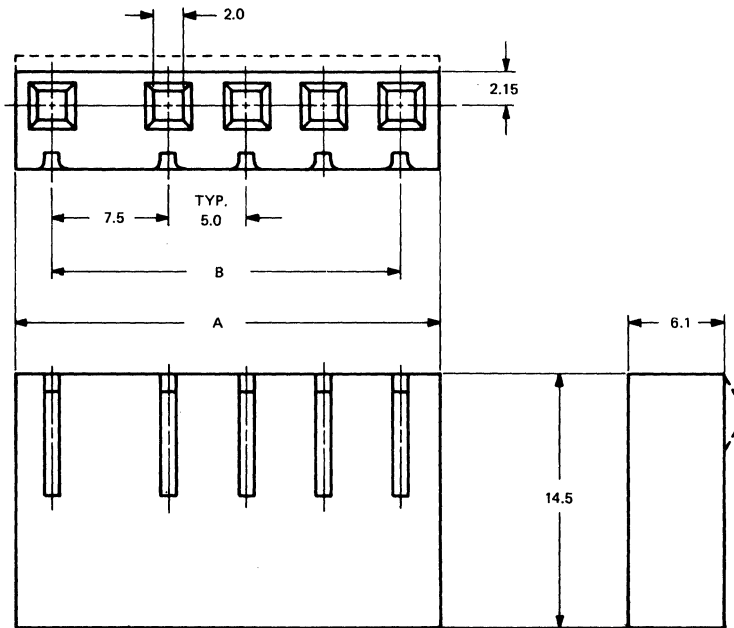


CIRCUITS	DIMENSION	
	A	B
1	6.0	—
2	13.5	7.50
3	18.5	12.50
4	23.5	17.50
5	28.5	22.50
6	33.5	27.50



OUTLINE DRAWINGS

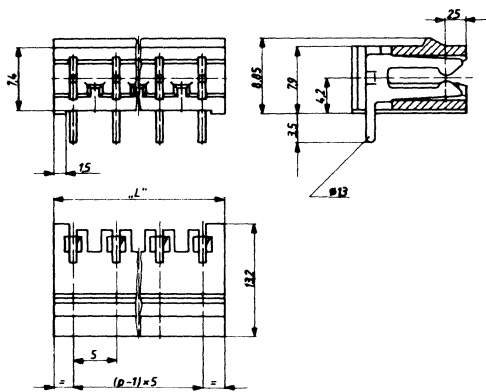
56R14



Circuits	Dimension	
	A	B
2	12.5	7.5
3	17.5	12.5
4	22.5	17.5
5	27.5	22.5
6	32.5	27.5
7	37.5	32.5
8	42.5	37.5
9	47.5	42.5
10	52.5	47.5
11	57.5	52.5
12	62.5	57.5
13	67.5	62.5
14	72.5	67.5
15	77.5	72.5

NO. OF CONTACT	DIM A	DIM B	NO. OF CONTACT	DIM A	DIM B	NO. OF CONTACT	DIM A	DIM B
4	5.78	2.54	26	33.72	30.48	48	61.66	58.42
6	8.32	5.08	28	36.26	33.02	50	64.20	60.96
8	10.86	7.62	30	38.80	35.56	52	66.74	63.50
10	13.40	10.16	32	41.34	38.10	54	69.28	66.04
12	15.94	12.70	34	43.88	40.64	56	71.82	68.58
14	18.48	15.24	36	46.42	43.18	58	74.36	71.12
16	21.02	17.78	38	48.96	45.72	60	76.90	73.66
18	23.56	20.32	40	51.50	48.26	62	79.44	76.20
20	26.10	22.86	42	54.04	50.80	64	81.98	78.74
22	28.64	25.40	44	56.58	53.34	66	84.52	81.28
24	31.18	27.94	46	59.12	55.88	68	87.06	83.82

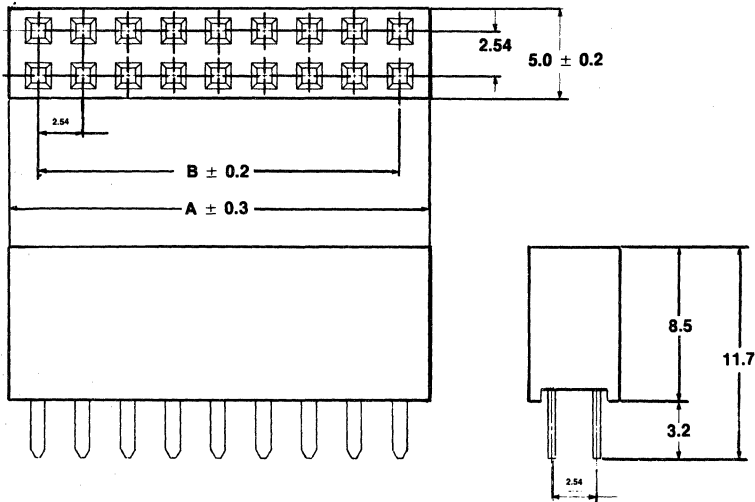
63R22



Number of contacts pcs.	Length of blocks m m
2	10
3	15
4	20
5	25
6	30
8	40
9	45
10	50

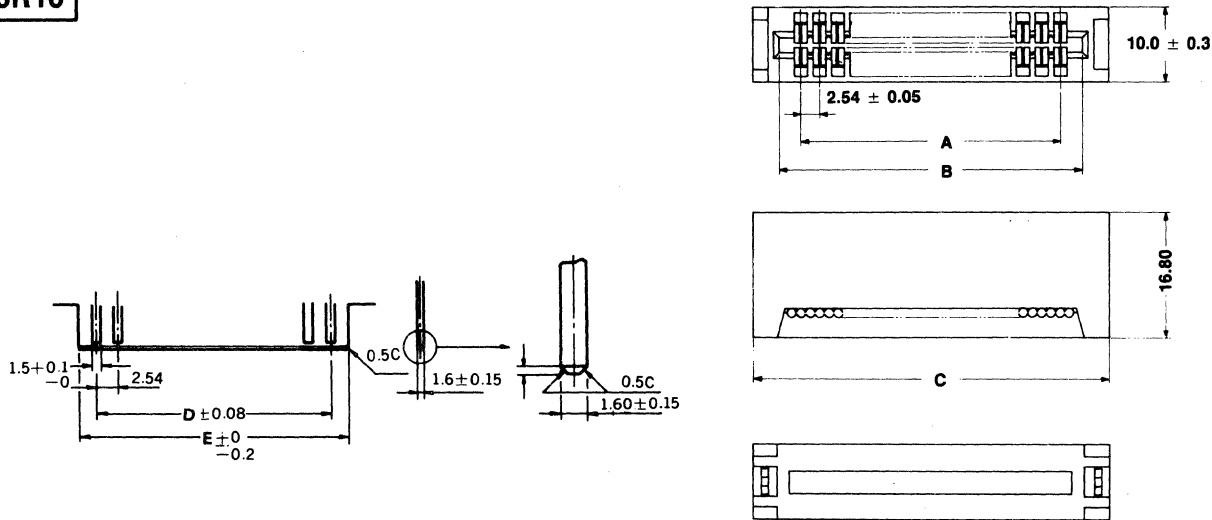
OUTLINE DRAWINGS

56R4



No. of Contact	Dim A	Dim B	No. of Contact	Dim A	Dim B	No. of Contact	Dim A	Dim B
4	5.78	2.54	26	33.72	30.48	48	61.66	58.42
6	8.32	5.08	28	36.26	33.02	50	64.20	60.96
8	10.86	7.62	30	38.80	35.56	52	66.74	63.50
10	13.40	10.16	32	41.34	38.10	54	69.28	66.04
12	15.94	12.70	34	43.88	40.64	56	71.82	68.58
14	18.48	15.24	36	46.42	43.18	58	74.36	71.12
16	21.02	17.78	38	48.96	45.72	60	76.90	73.66
18	23.56	20.32	40	51.50	48.26	62	79.44	76.20
20	26.10	22.86	42	54.04	50.80	64	81.98	78.74
22	28.64	25.40	44	56.58	53.34	66	84.52	81.28
24	31.18	27.94	46	59.12	55.88	68	87.06	83.82

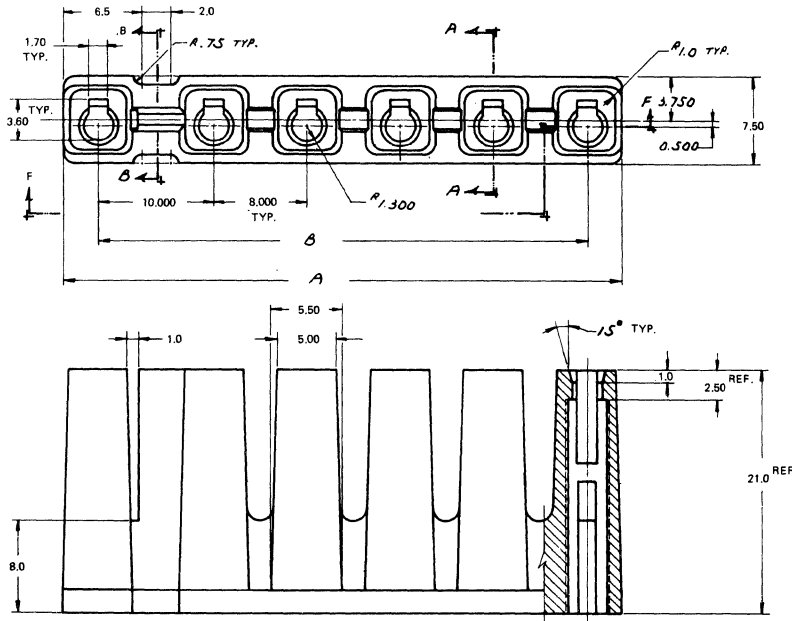
56R16



No. of Contact	Dim A	Dim B	Dim C	Dim D	Dim E
20	34.86	28.04	22.86	22.86	27.84
26	42.48	35.66	30.48	30.48	35.46
34	52.64	45.82	40.64	40.64	45.62
40	60.26	53.44	48.26	48.26	53.24
50	72.96	66.14	60.96	60.96	65.94

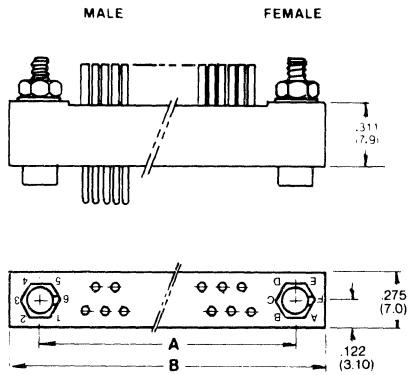
OUTLINE DRAWINGS

56R17



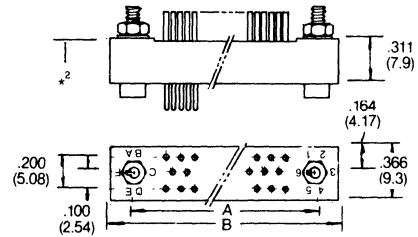
CIRCUITS	DIMENSION	
	A	B
1	5.5	—
2	15.5	10.00
3	23.5	18.00
4	31.5	26.00
5	39.5	34.00
6	47.5	42.00

62R1



NO OF CONTACTS	A	B
17	1.200 (30.5)	1.516 (38.5)
29	1.800 (45.7)	2.114 (53.7)
33	2.000 (50.8)	2.314 (58.77)
41	2.400 (60.9)	2.717 (69.0)
53	3.000 (76.2)	3.315 (84.2)
65	3.600 (91.4)	3.917 (99.5)

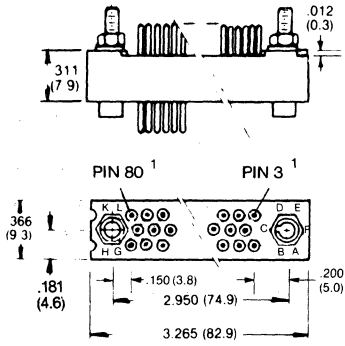
62R2



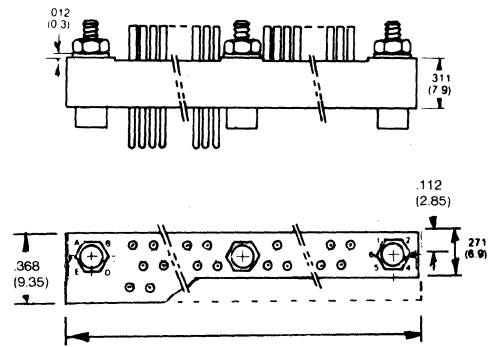
No. of Contacts	A	B
62	2.400 (60.9)	2.717 (69.0)
98	3.600 (91.4)	3.917 (99.5)

OUTLINE DRAWINGS

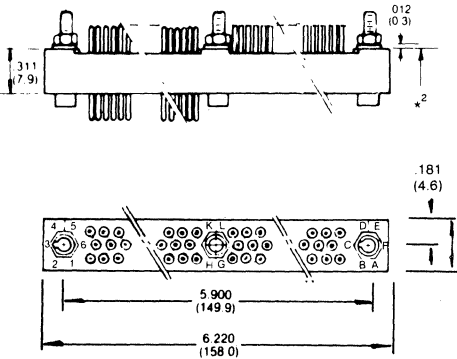
62R3



62R4

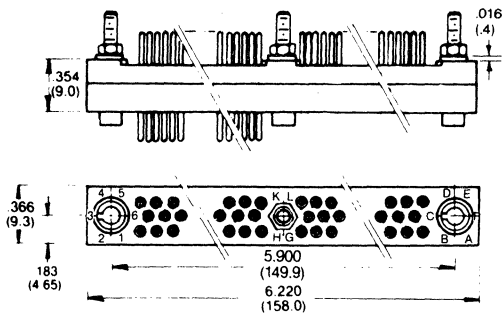


62R5

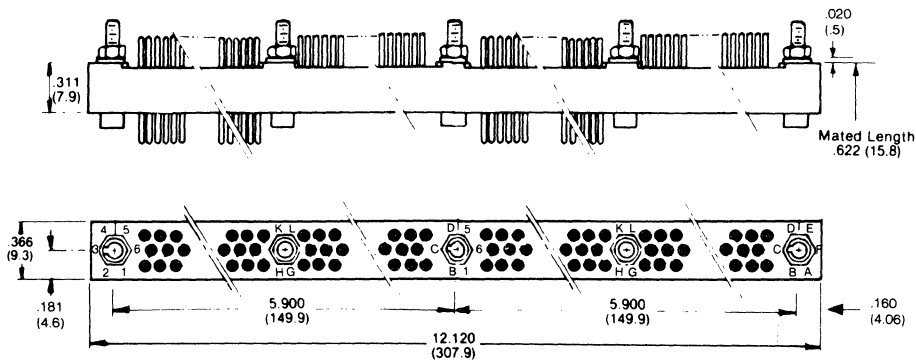


NO. OF CONTACTS	A	B	2 OR 3 ROWS ³
72	4.200 (106.7)	4.512 (114.6)	2
84	4.800 (121.9)	5.114 (129.9)	2
96	5.400 (137.2)	5.717 (145.2)	2
120	6.600 (167.6)	6.912 (175.6)	2
126	4.800 (121.9)	5.114 (129.9)	3

62R6

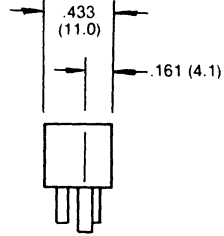
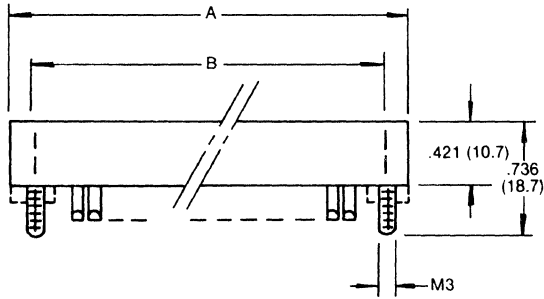


62R7



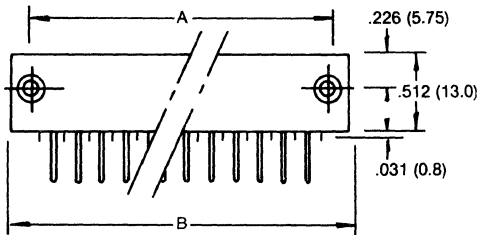
OUTLINE DRAWINGS

62R8



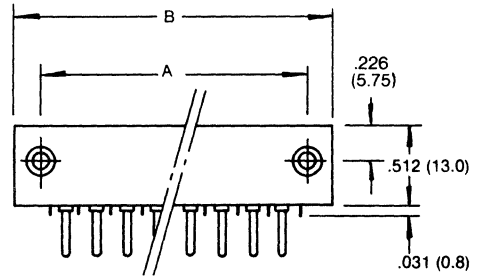
A Dim.	B Dim.
3.606 (91.6)	3.334 (84.7)
4.209 (106.9)	3.945 (100.2)
*4.811 (122.2)	4.534 (115.2)
5.406 (137.3)	5.134 (130.4)

62R9



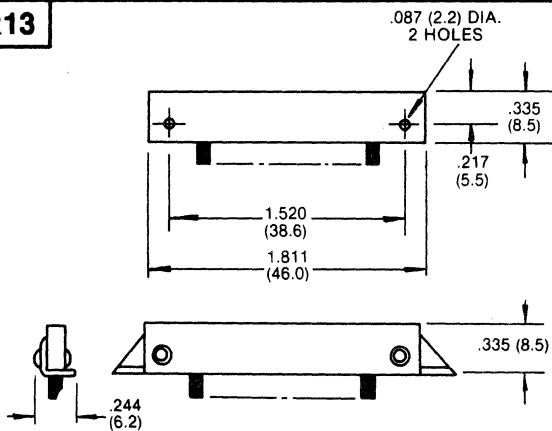
A Dim.	B Dim.
.906 (23.0)	1.181 (30.0)
1.693 (43.0)	1.969 (50.0)
2.638 (67.0)	2.913 (74.0)
3.582 (91.0)	3.857 (98.0)

62R10

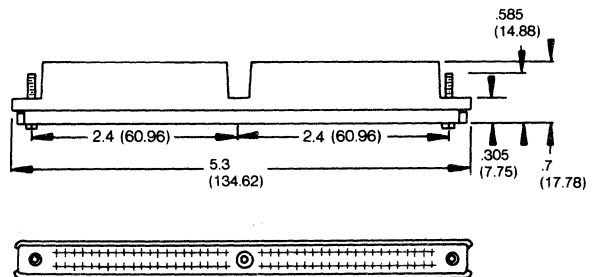


A Dim.	B Dim.
.900 (22.9)	1.200 (30.5)
1.700 (43.2)	2.000 (50.8)
3.300 (83.8)	3.606 (91.6)

62R13

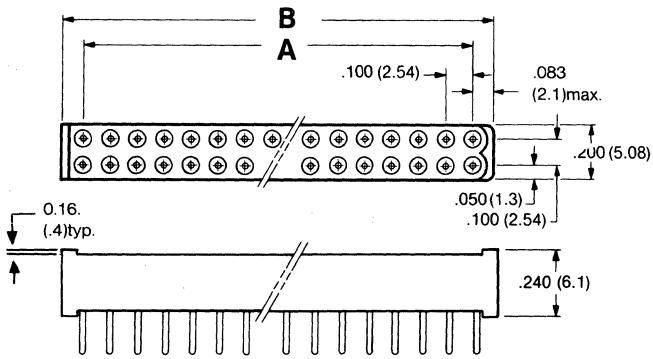


62R18



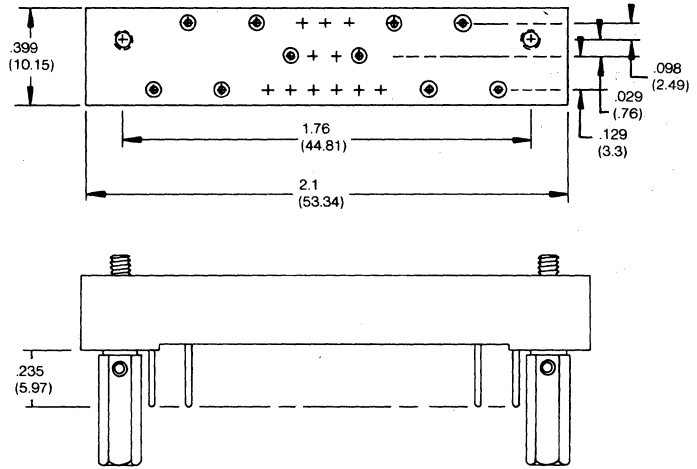
OUTLINE DRAWINGS

62R11

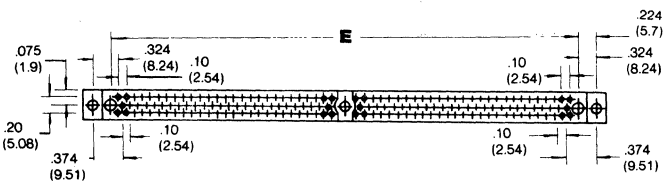
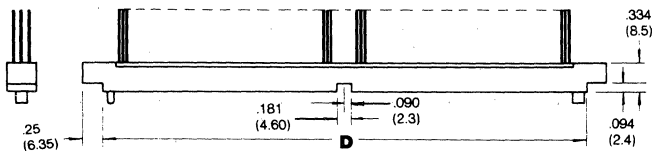
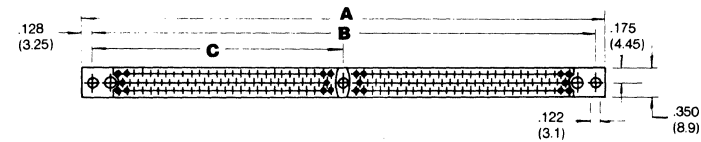


No. of Contacts	A	B
22	1.000 (25.4)	1.141 (28.99)
24	1.100 (27.94)	1.241 (31.53)
44	2.100 (53.34)	2.241 (56.93)
46	2.200 (55.88)	2.341 (59.47)
66	3.200 (81.28)	3.341 (84.87)
68	3.300 (83.82)	3.441 (87.41)
90	4.400 (111.76)	4.557 (115.76)

62R16



62R12

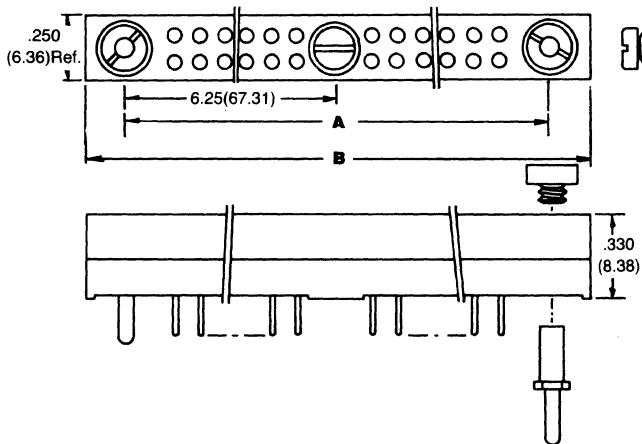


No. of Contacts	A	B	C	D	E
142	5.8 Max. (147.5)	5.55 (140.96)	2.77 (70.48)	5.30 (134.80)	5.1 (129.54)
160	6.4 Max. (162.7)	6.15 (156.2)	3.07 (78.1)	5.90 (150)	5.7 (144.8)

OUTLINE DRAWINGS

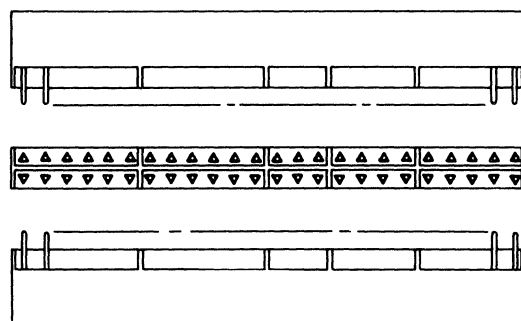
62R14

STACKING

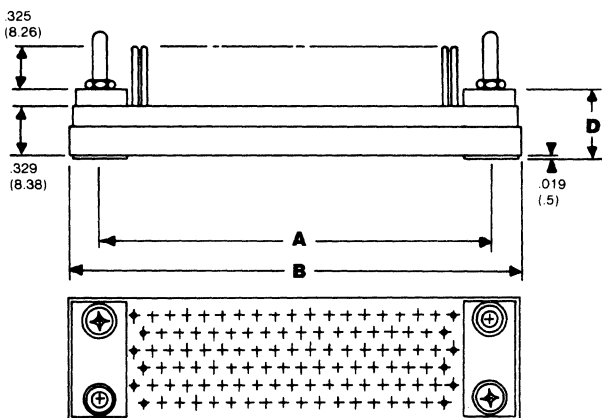


No. of Contacts	48	96
A	6.25 (67.31)	5.3 (134.62)
B	2.80 (71.25)	5.61 (142.5)

CARRIER



62R15

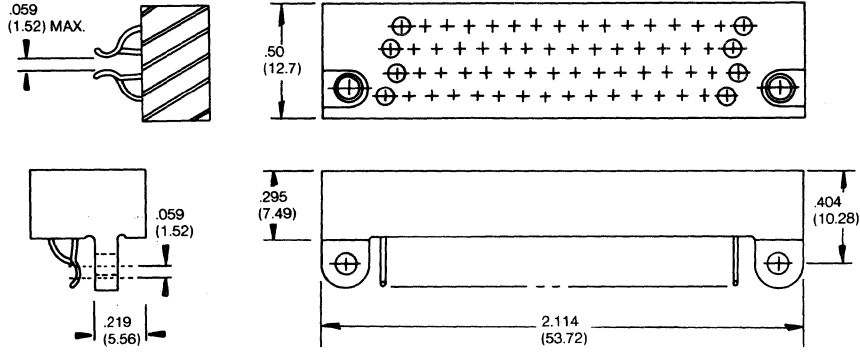


Tail Designation	Board Spacing D	Stacking Ability
Females:		
D1=	.465 (11.81)	no- last board
D2=	.465 (11.81)	yes-.125 (3.18) board
D3=	.500 (12.70)	no- last board
D4=	.400 (10.16)	yes-.125 (3.18) board
D5=	.450 (11.43)	no- last board
D6=	.494 (12.57)	yes-.125 (3.18) board
D7=	.450 (11.43)	yes-.125 (3.18) board

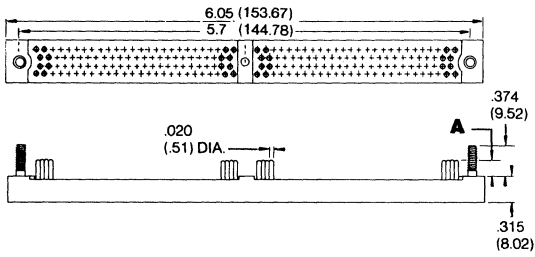
No. of Contacts	A	B
111	2.209 (56.13)	2.559 (65.02)
135	2.809 (71.37)	3.161 (80.31)

OUTLINE DRAWINGS

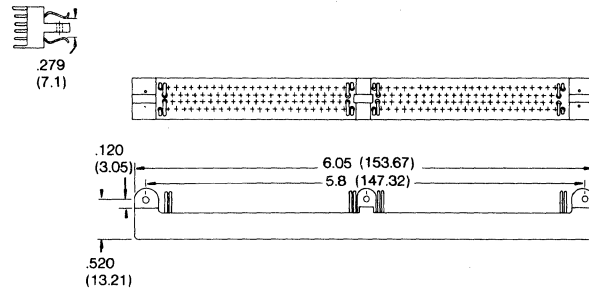
62R17



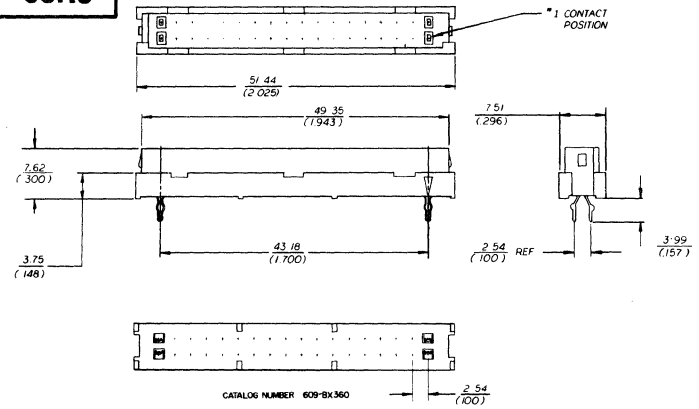
62R20



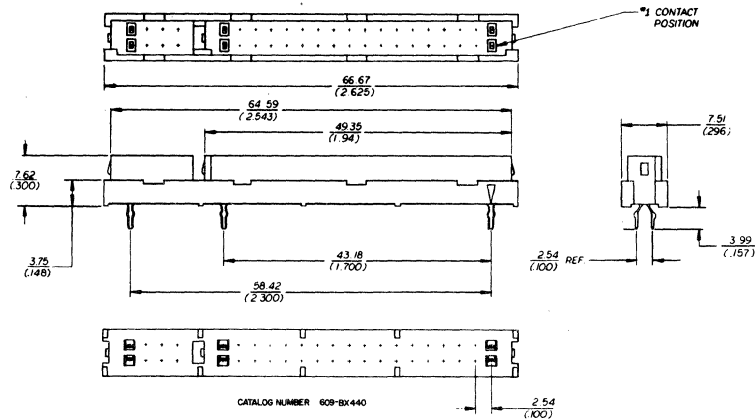
62R19



68R3

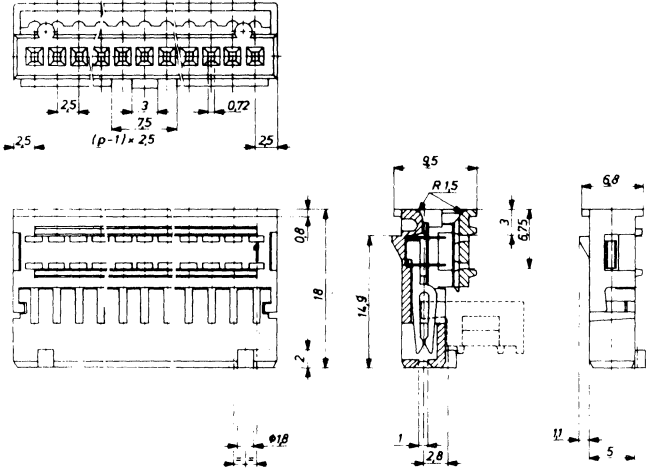


68R4

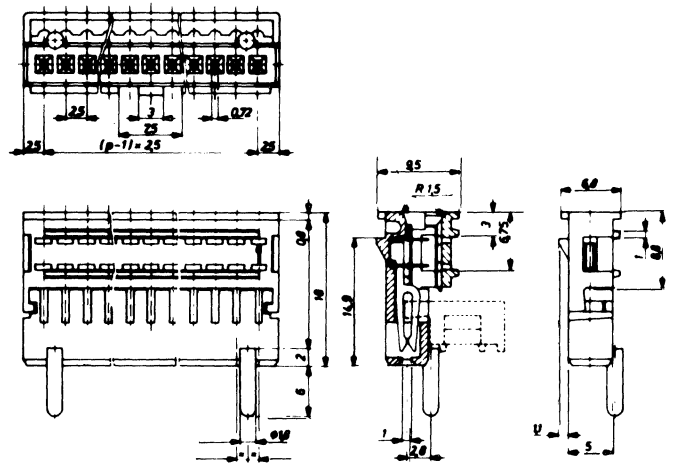


OUTLINE DRAWINGS

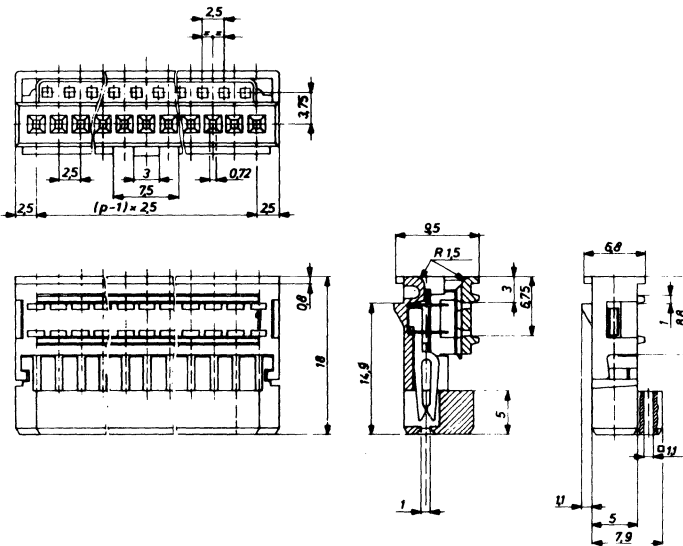
63R1



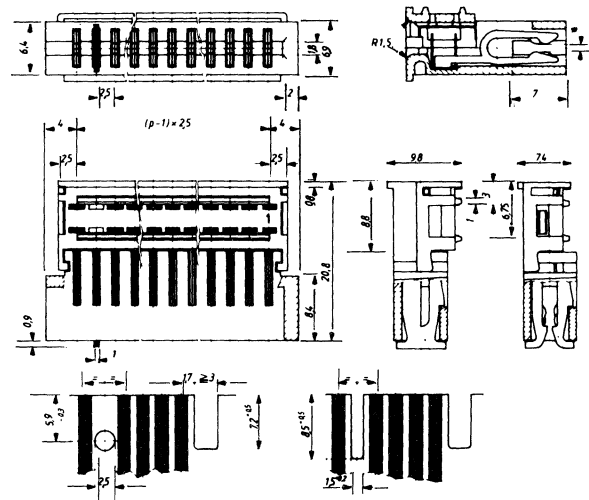
63R2



63R3

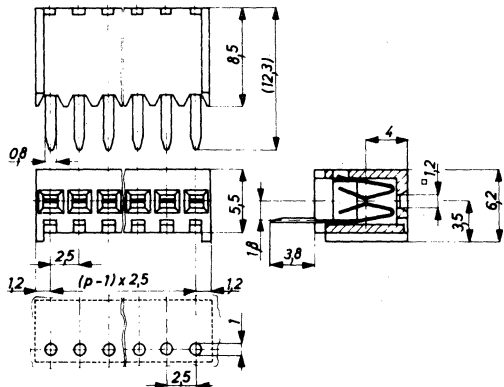


63R4

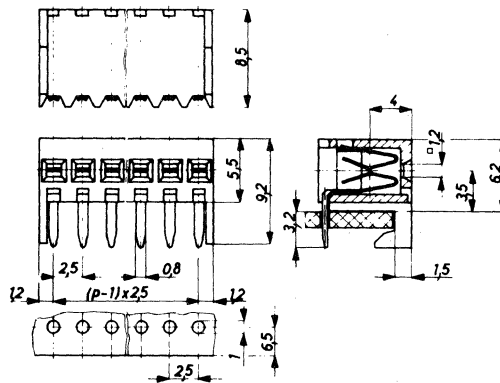


OUTLINE DRAWINGS

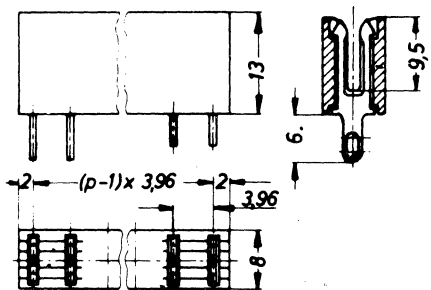
63R5



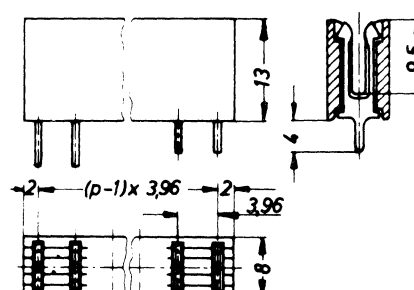
63R6



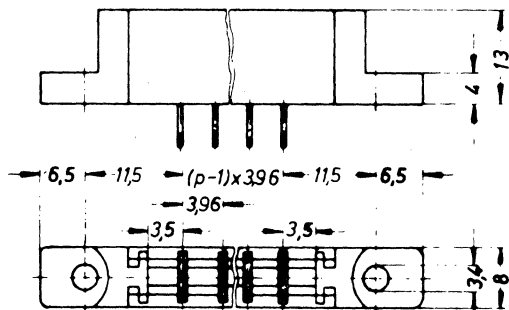
63R7



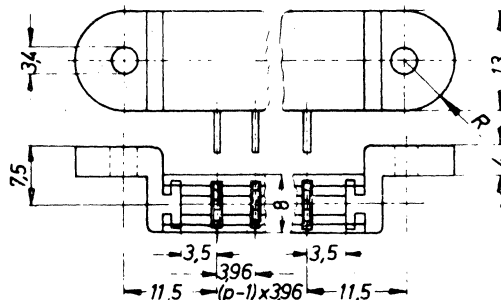
63R8



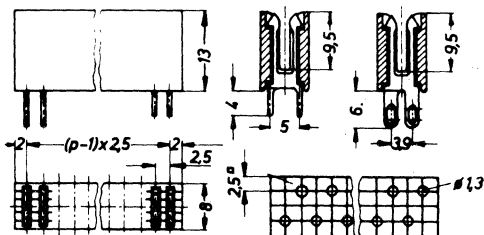
63R9



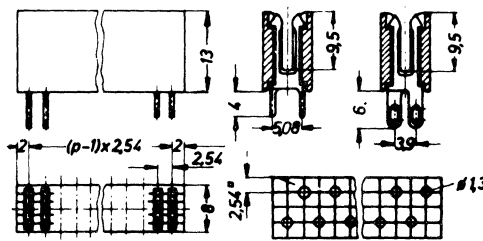
63R10



63R11

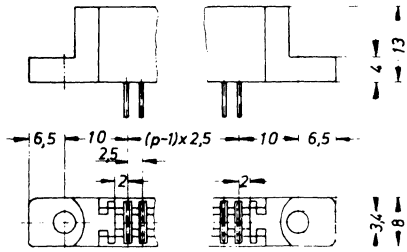


63R12

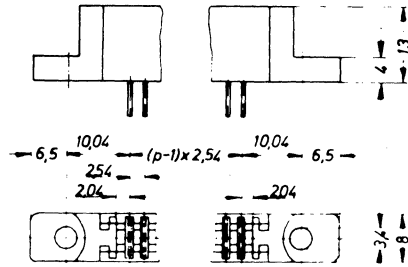


OUTLINE DRAWINGS

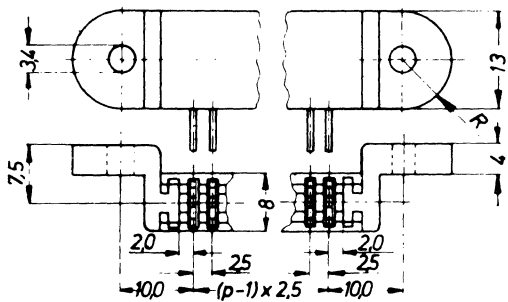
63R13



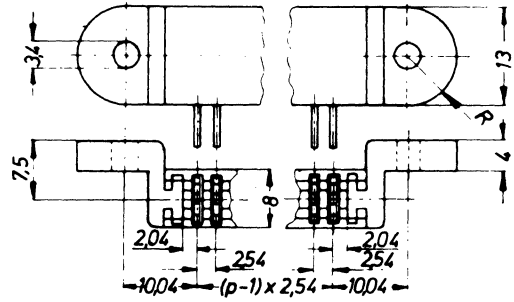
63R14



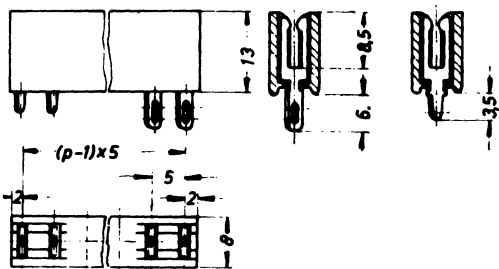
63R15



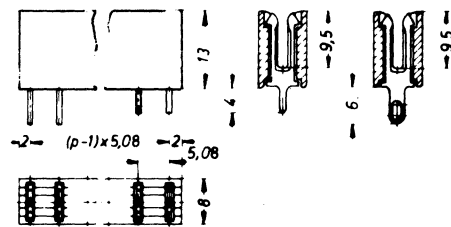
63R16



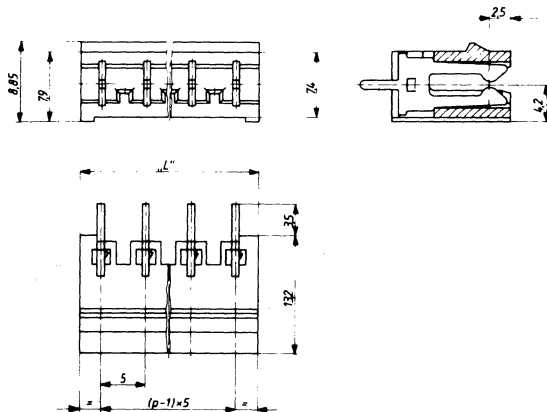
63R17



63R18



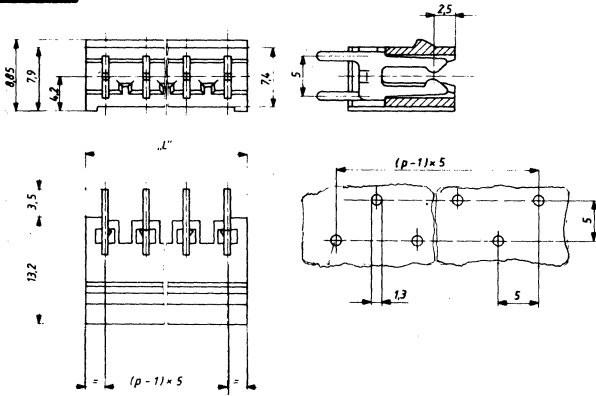
63R19



Number of contacts pcs.	Length of blocks m m
2	10
3	15
4	20
5	25
6	30
8	40
9	45
10	50

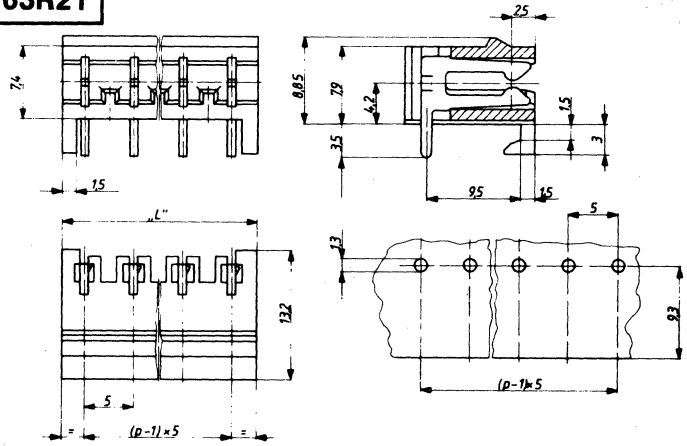
OUTLINE DRAWINGS

63R20



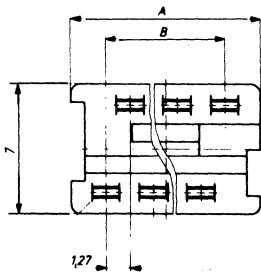
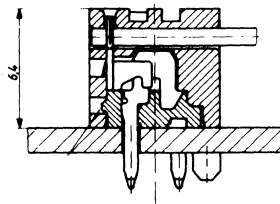
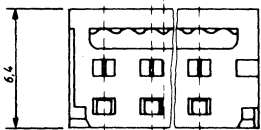
Number of contacts pcs.	Length of blocks m m
2	10
3	15
4	20
5	25
6	30
8	40
9	45
10	50

63R21



Number of contacts pcs.	Length of blocks m m
2	10
3	15
4	20
5	25
6	30
8	40
9	45
10	50

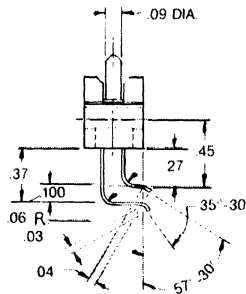
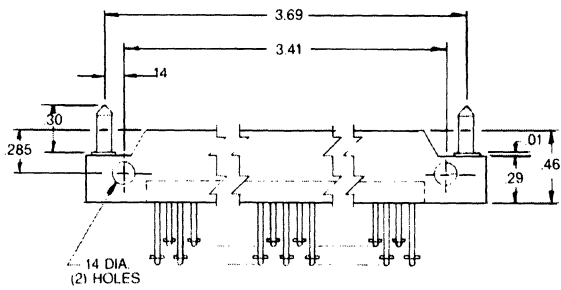
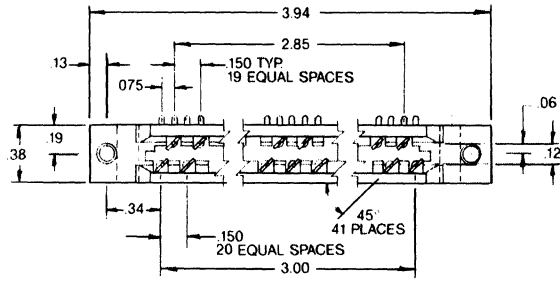
63R23



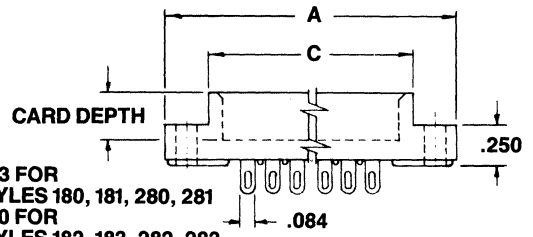
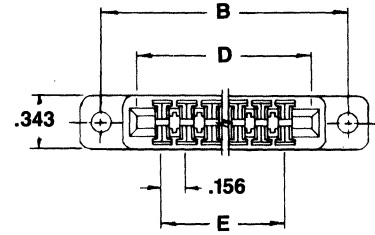
„Pos“	„A“	„B“
4	7,59	3,81
6	10,13	6,35
8	12,67	8,89
10	15,21	11,43
12	17,75	13,97
14	20,29	16,51
16	22,83	19,05
18	25,37	21,59
20	27,91	24,13

OUTLINE DRAWINGS

64R2



64R6



**.333 FOR
STYLES 180, 181, 280, 281
.300 FOR
STYLES 182, 183, 282, 283**

64R6

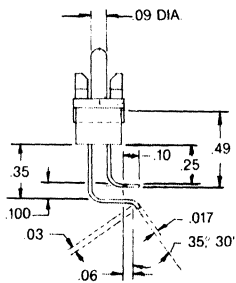
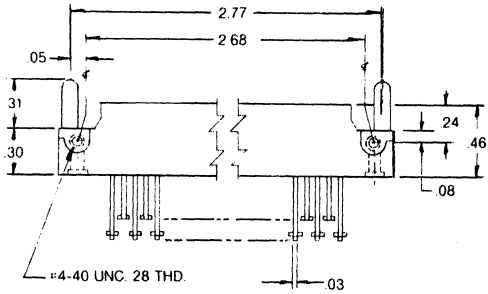
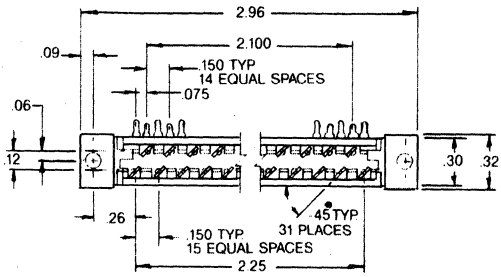
NO. OF CONTACTS	A DIM.	B DIM.	C DIM.	D DIM.	E DIM.
6	1.79	1.53	1.24	1.10	.78
8	2.10	1.84	1.55	1.41	1.09
10	2.41	2.16	1.86	1.72	1.41
12	2.72	2.47	2.18	2.04	1.72
15	3.19	2.94	2.65	2.50	2.19
18	3.66	3.41	3.11	2.97	2.66
22	4.29	4.03	3.74	3.60	3.28
24	4.60	4.34	4.05	3.91	3.59

64R6

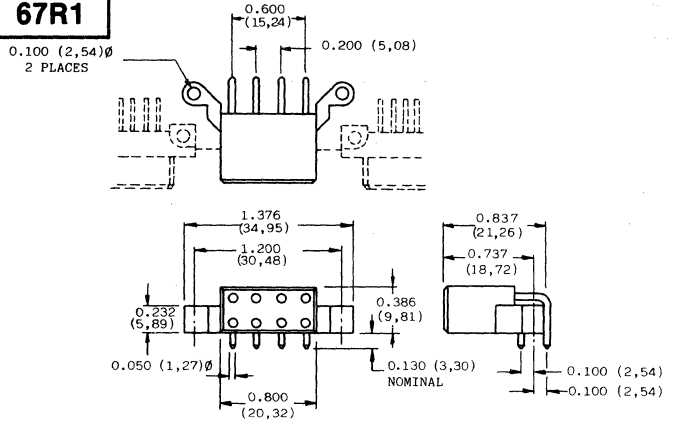
NO. OF CONTACTS	A DIM.	B DIM.	C DIM.	D DIM.	E DIM.
12	1.79	1.53	1.24	1.10	.78
16	2.10	1.84	1.55	1.41	1.09
20	2.41	2.16	1.86	1.72	1.41
24	2.72	2.47	2.18	2.04	1.72
30	3.19	2.94	2.65	2.50	2.19
36	3.66	3.41	3.11	2.97	2.66
44	4.29	4.03	3.74	3.60	3.28
48	4.60	4.34	4.05	3.91	3.59

OUTLINE DRAWINGS

64R1

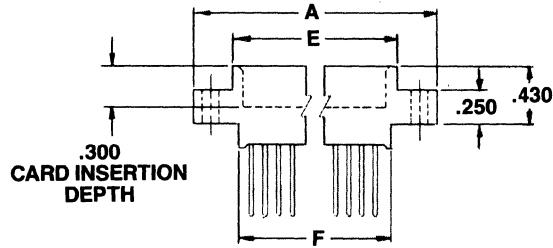
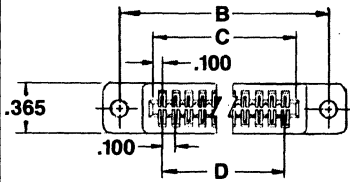


67R1



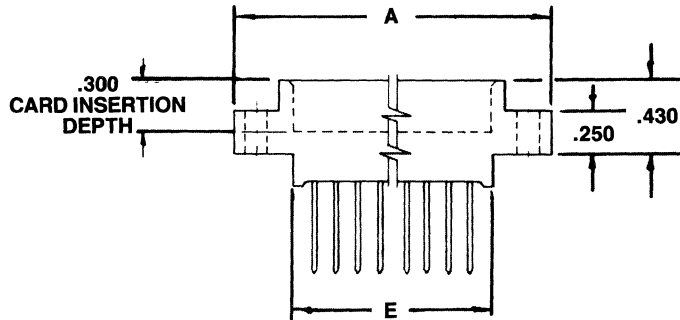
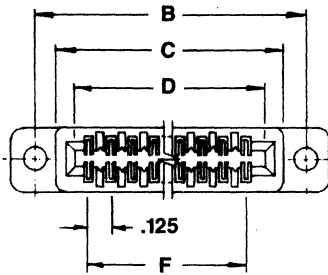
OUTLINE DRAWINGS

64R3



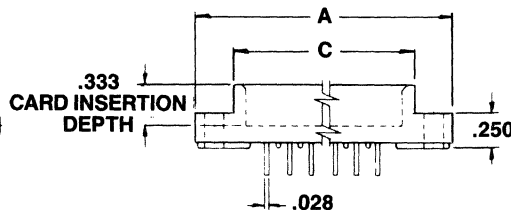
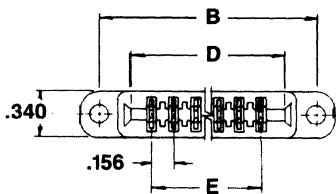
NO. OF CONTACTS	A DIM.	B DIM.	C DIM.	D DIM.	E DIM.	F DIM.
5/10	1.335	1.075	.600	.400	.760	.650
10/20	1.835	1.575	1.100	.900	1.260	1.150
15/30	2.335	2.075	1.600	1.400	1.760	1.650
18/36	2.635	2.375	1.900	1.700	2.060	1.950
20/40	2.835	2.575	2.100	1.900	2.260	2.150
22/44	3.035	2.775	2.300	2.100	2.460	2.350
25/50	3.335	3.075	2.600	2.400	2.760	2.650
30/60	3.835	3.575	3.100	2.900	3.260	3.150
31/62	3.935	3.675	3.200	3.000	3.360	3.250
35/70	4.335	4.075	3.600	3.400	3.760	3.650
36/72	4.435	4.175	3.700	3.500	3.860	3.750
40/80	4.835	4.575	4.100	3.900	4.260	4.150
43/86	5.135	4.875	4.400	4.200	4.560	4.450
48/96	5.635	5.375	4.900	4.700	5.060	4.950
50/100	5.835	5.575	5.100	4.900	5.260	5.150

64R4



NO. OF CONTACTS	A DIM.	B DIM.	C DIM.	D DIM.	E DIM.	F DIM.
30/60	4.555	4.295	4.035	3.875	3.875	3.625
40/80	5.805	5.545	5.285	5.125	5.125	4.875
50/100	7.055	6.795	6.535	6.375	6.375	6.125

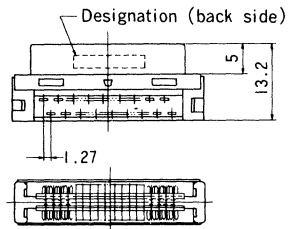
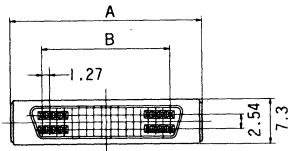
64R5



NO. OF CONTACTS	A DIM.	B DIM.	C DIM.	D DIM.	E DIM.
6	1.79	1.53	1.24	1.10	.78
8	2.10	1.84	1.55	1.41	1.09
10	2.41	2.16	1.86	1.72	1.41
12	2.72	2.47	2.18	2.04	1.72
15	3.19	2.94	2.65	2.50	2.19
18	3.66	3.41	3.11	2.97	2.66
22	4.29	4.03	3.74	3.60	3.28
24	4.60	4.34	4.05	3.91	3.59

OUTLINE DRAWINGS

54R2



↙ Cable cover



No. of contacts	A	B
20	21.65	11.43
28	26.7	16.51
36	31.8	21.59
50	40.7	30.48

Note)

(): Indication of applicable wire size

No mark 28 AWG (7/0.127)

A 30 AWG (1/0.254)

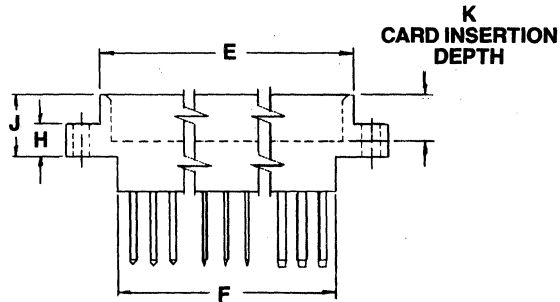
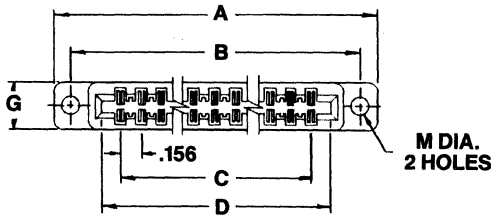
B 30 AWG (7/0.1)

insulation dia. 0.8 mm

insulation dia. 0.5 ~ 0.65 mm

insulation dia. 0.5 ~ 0.65 mm

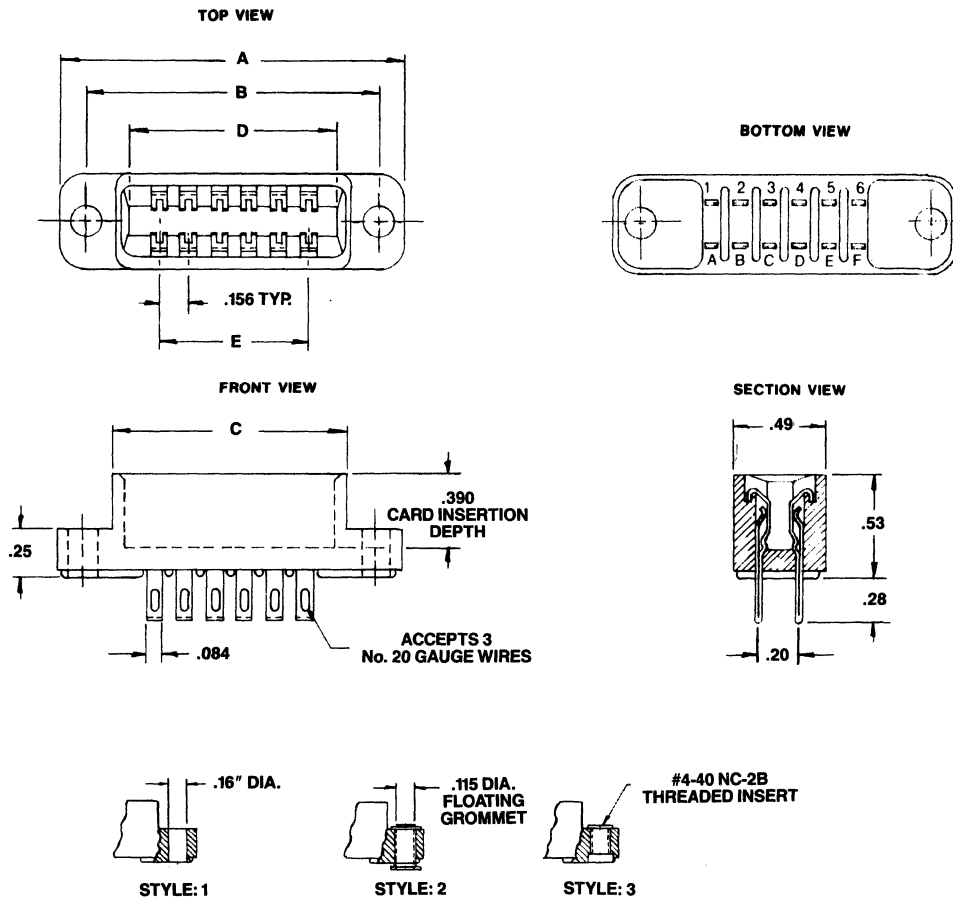
64R7



NO. OF CONTACTS	A DIM.	B DIM.	C DIM.	D DIM.	E DIM.	F DIM.	G DIM.	H DIM.	J DIM.	K DIM.	L DIM.	M MTG. HOLE
10/20	2.402	2.158	1.404	1.724	1.888	1.616	.350	.250	.466	.350	.188	.128
15/30	3.250	2.940	2.184	2.500	2.650	2.500	.340	.250	.466	.350	.188	.128
18/36	3.650	3.406	2.652	2.972	3.136	2.864	.350	.250	.466	.350	.188	.128
22/44	4.274	4.030	3.276	3.596	3.760	3.488	.350	.250	.466	.350	.188	.128
28/56	5.281	4.968	4.212	4.532	4.687	4.425	.355	.250	.510	.350	.188	.128
36/72	6.537	6.214	5.460	5.780	5.896	5.684	.437	.250	.466	.350	.188	.180
43/86	7.615	7.302	6.552	6.800	6.990	6.800	.490	.315	.445	.270	.200	.142

OUTLINE DRAWINGS

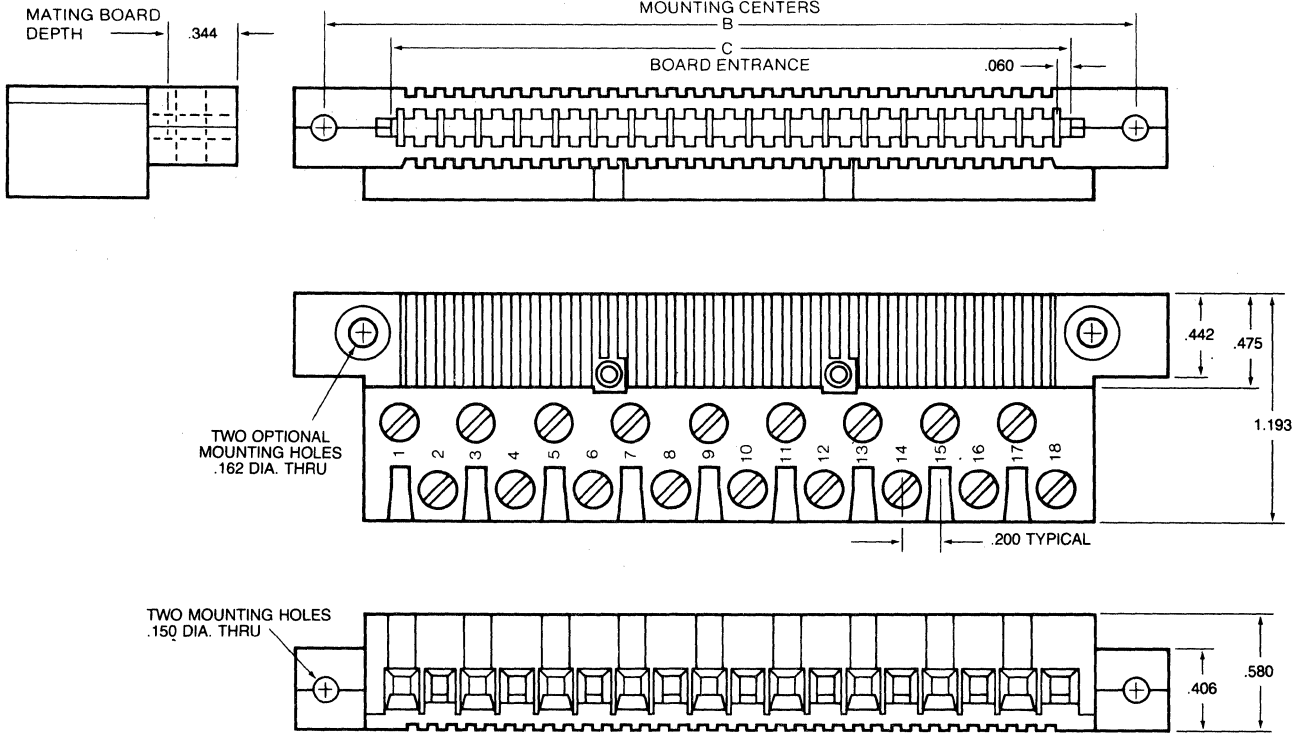
64R8



NO. OF CONTACTS	A DIM.	B DIM.	C DIM.	D DIM.	E DIM.	MOUNTING STYLE
6/12	1.79	1.53	1.24	1.10	.78	1
10/20	2.41	2.16	1.86	1.72	1.40	1
15/30	3.25	2.94	2.64	2.43	2.18	1
18/36	3.66	3.40	3.11	2.97	2.65	1
22/44	4.29	4.03	3.74	3.60	3.28	1
6/12	1.79	1.53	1.24	1.10	.78	2
10/20	2.41	2.16	1.86	1.72	1.40	2
15/30	3.19	2.94	2.64	2.50	2.18	2
18/36	3.66	3.40	3.11	2.97	2.65	2
22/44	4.29	4.03	3.74	3.60	3.28	2
6/12	1.79	1.53	1.24	1.10	.78	3
10/20	2.41	2.16	1.86	1.72	1.40	3
15/30	3.19	2.94	2.64	2.50	2.18	3
18/36	3.66	3.40	3.11	2.97	2.65	3
22/44	4.29	4.03	3.74	3.60	3.28	3

OUTLINE DRAWINGS

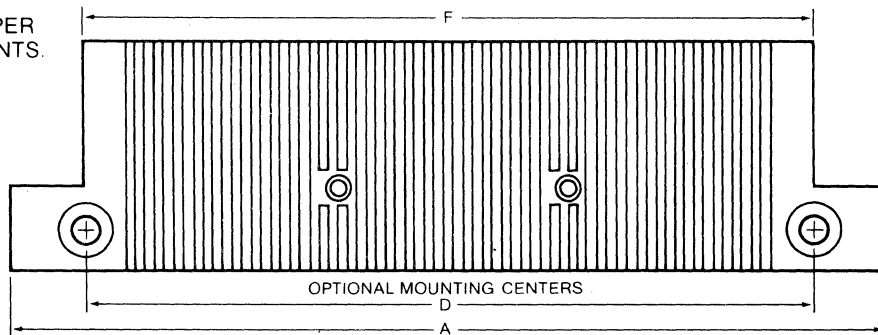
65R5



NOTES:

1. KEYING PLUG NOTCH LOCATION IN P.C. BOARD PER CUSTOMER'S REQUIREMENTS.

(ORDER KEYING PLUG CAT. NO. PC17).

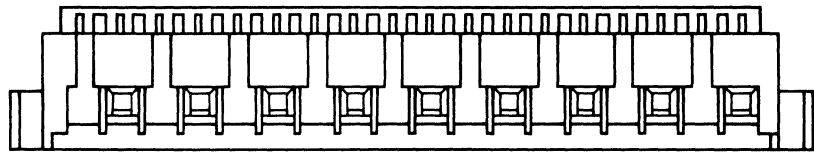
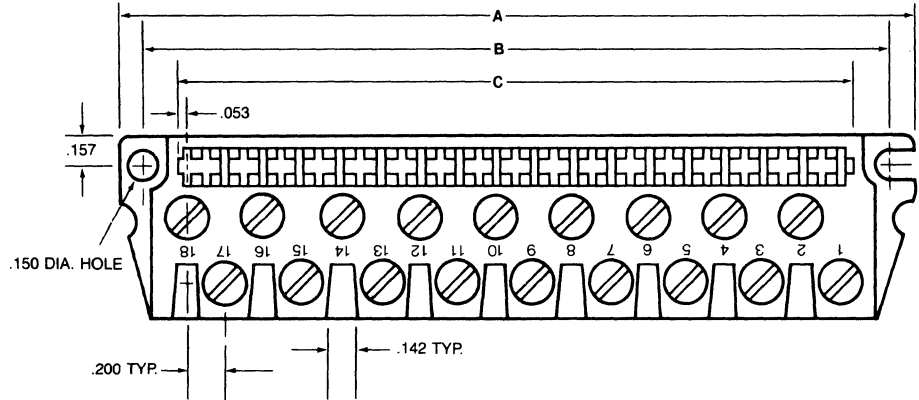
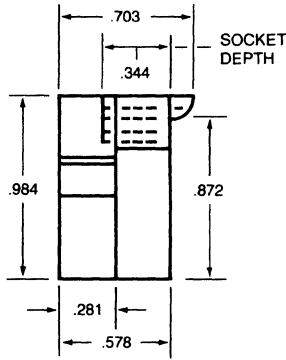


Scale 1:1

No. of Circuits	A	B	C	D&F	E	G
06	2.150"	1.800"	1.120"	1.400"	1.105"	1.43"
08	2.550"	2.200"	1.520"	1.800"	1.505"	1.83"
10	2.950"	2.600"	1.920"	2.200"	1.905"	2.23"
12	3.350"	3.000"	2.320"	2.600"	2.305"	2.63"
15	3.950"	3.600"	2.920"	3.200"	2.905"	3.23"
16	4.150"	3.800"	3.120"	3.400"	3.105"	3.43"
18	4.550"	4.200"	3.520"	3.800"	3.505"	3.83"
20	4.950"	4.600"	3.920"	4.200"	3.905"	4.23"
22	5.350"	5.000"	4.320"	4.600"	4.305"	4.63"
24	5.750"	5.400"	4.720"	5.000"	4.705"	5.03"
30	6.950"	6.600"	5.920"	6.200"	5.905"	6.23"
32	7.350"	7.000"	6.320"	6.600"	6.305"	6.63"
34	7.750"	7.400"	6.720"	7.000"	6.705"	7.03"
36	8.150"	7.800"	7.120"	7.400"	7.105"	7.43"
44	9.750"	9.400"	8.720"	9.000"	8.705"	9.03"

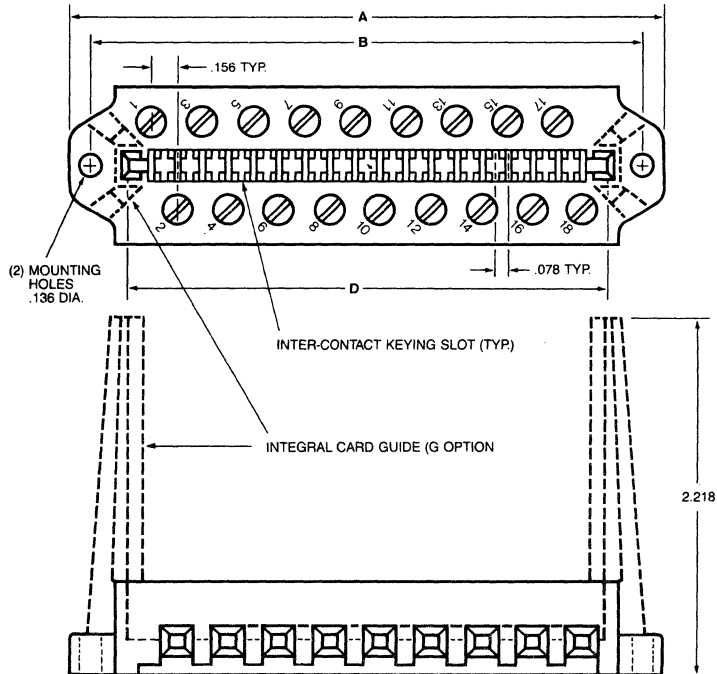
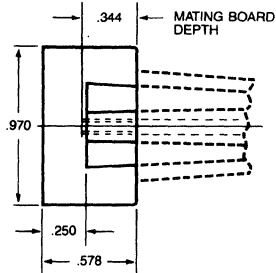
OUTLINE DRAWINGS

65R1



No. of Circuits	A	B	C	E
12	2.920"	2.670"	2.310"	2.295"
18	4.120"	3.870"	3.510"	3.495"
24	5.320"	5.070"	4.710"	4.695"
30	6.520"	6.270"	5.910"	5.895"
36	7.720"	7.470"	7.110"	7.095"

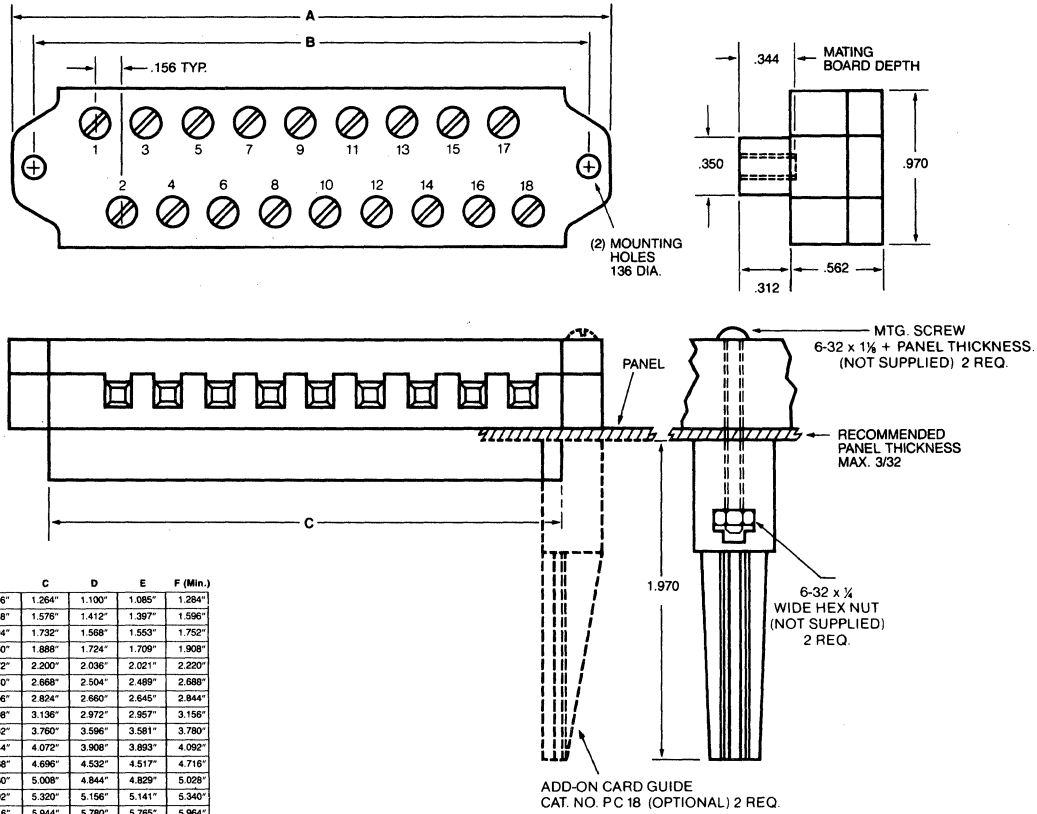
65R2



No. of Circuits	A	B	D	E
06	1.786"	1.536"	1.100"	1.085"
08	2.098"	1.848"	1.412"	1.397"
10	2.410"	2.160"	1.724"	1.709"
12	2.722"	2.472"	2.036"	2.021"
15	3.190"	2.940"	2.504"	2.489"
16	3.346"	3.096"	2.660"	2.645"
18	3.658"	3.408"	2.972"	2.957"
22	4.282"	4.032"	3.596"	3.581"
24	4.600"	4.344"	3.908"	3.893"
28	5.218"	4.968"	4.532"	4.517"
30	5.530"	5.280"	4.844"	4.829"
32	5.842"	5.592"	5.156"	5.141"
36	6.466"	6.216"	5.780"	5.765"
43	7.558"	7.308"	6.872"	6.857"

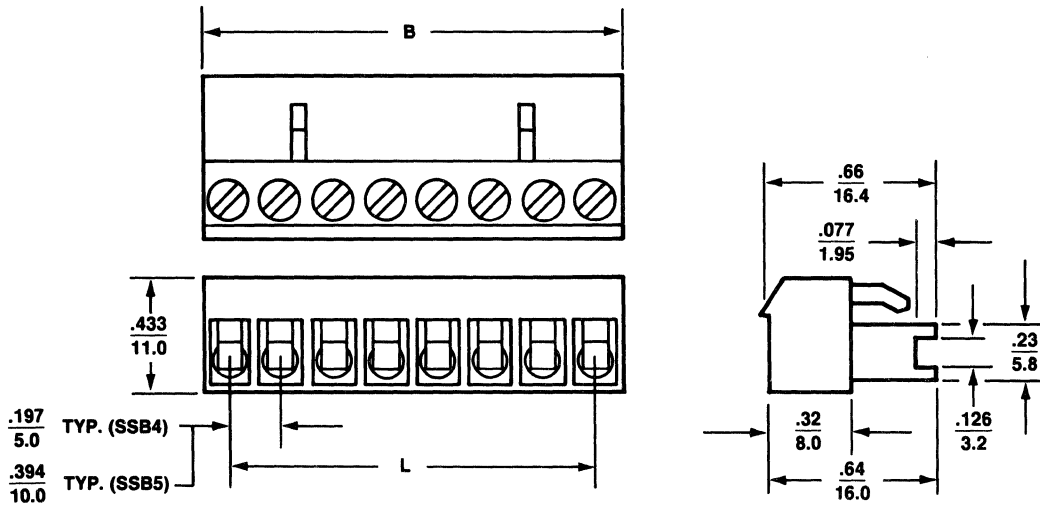
OUTLINE DRAWINGS

65R4



No. of Circuits	A	B	C	D	E	F (Min.)
06	1.786"	1.536"	1.264"	1.100"	1.085"	1.284"
08	2.098"	1.848"	1.578"	1.412"	1.397"	1.596"
09	2.254"	2.004"	1.732"	1.568"	1.553"	1.752"
10	2.410"	2.160"	1.888"	1.724"	1.709"	1.908"
12	2.722"	2.472"	2.200"	2.036"	2.021"	2.220"
15	3.190"	2.940"	2.668"	2.504"	2.489"	2.688"
16	3.346"	3.096"	2.824"	2.660"	2.645"	2.844"
18	3.658"	3.408"	3.136"	2.972"	2.957"	3.156"
22	4.282"	4.032"	3.760"	3.596"	3.581"	3.780"
24	4.594"	4.344"	4.072"	3.908"	3.893"	4.092"
28	5.218"	4.968"	4.696"	4.532"	4.517"	4.716"
30	5.530"	5.280"	5.008"	4.844"	4.829"	5.028"
32	5.842"	5.592"	5.320"	5.156"	5.141"	5.340"
36	6.466"	6.216"	5.944"	5.780"	5.765"	5.964"
43	7.558"	7.308"	7.036"	6.872"	6.857"	7.056"

65R9 65R10



No. of Circuits	L		B	
	in.	mm	in.	mm
2	.39	10	.59	15
3	.79	20	.98	25
4	1.18	30	1.38	35
5	1.57	40	1.77	45
6	1.97	50	2.17	55
7	2.36	60	2.56	65
8	2.76	70	2.95	75
9	3.15	80	3.35	85
10	3.54	90	3.74	95

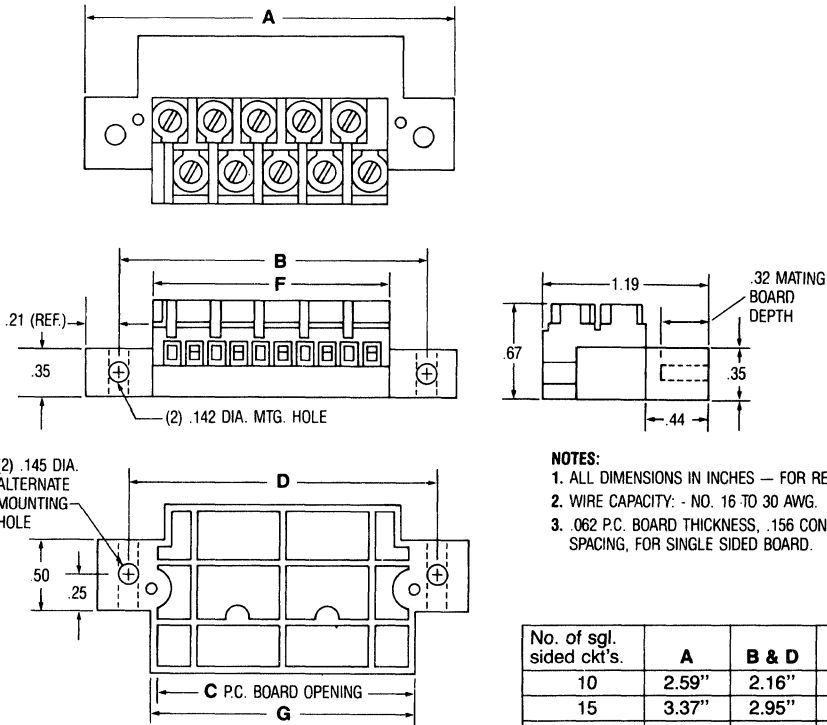
65R09

No. of Circuits	L		B	
	in.	mm	in.	mm
2	.20	5	.39	10
3	.39	10	.59	15
4	.59	15	.79	20
6	.96	25	1.18	30
8	1.38	35	1.57	40
10	1.77	45	1.97	50
12	2.17	55	2.36	60
14	2.56	65	2.76	70
16	2.95	75	3.15	80
18	3.35	85	3.54	90
20	3.74	95	3.94	100

65R10

OUTLINE DRAWINGS

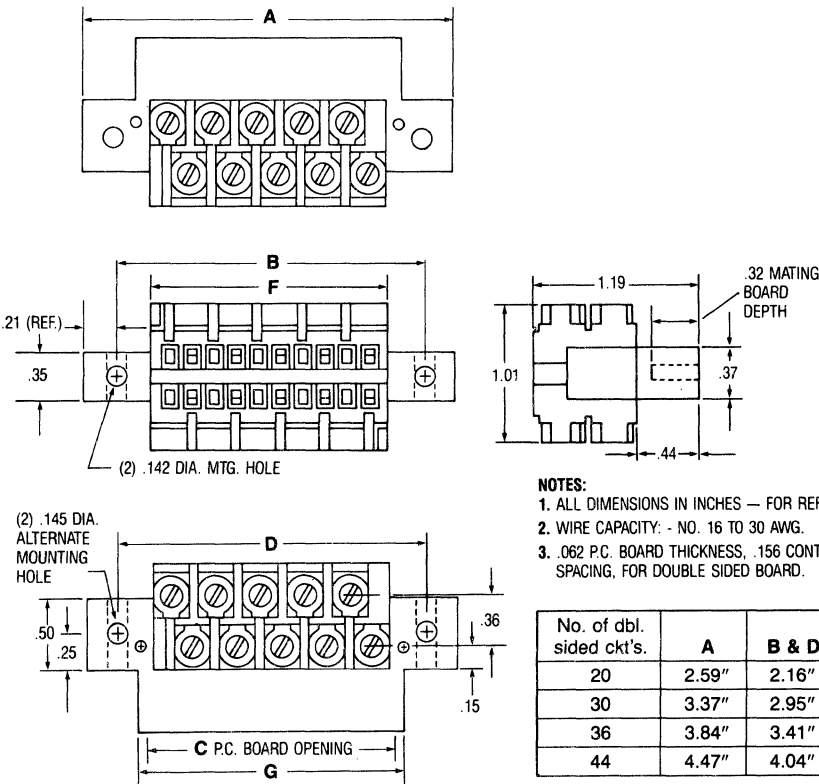
65R3



- NOTES:**
1. ALL DIMENSIONS IN INCHES — FOR REFERENCE ONLY.
 2. WIRE CAPACITY: - NO. 16 TO 30 AWG.
 3. .062 P.C. BOARD THICKNESS, .156 CONTACT CENTERLINE SPACING, FOR SINGLE SIDED BOARD.

No. of sgl. sided ckt's.	A	B & D	C	E	F	G
10	2.59"	2.16"	1.73"	1.713"	1.65"	1.85"
15	3.37"	2.95"	2.51"	2.495"	2.43"	2.64"
18	3.84"	3.41"	2.98"	2.965"	2.90"	3.11"
22	4.47"	4.04"	3.60"	3.587"	3.54"	3.73"

65R6

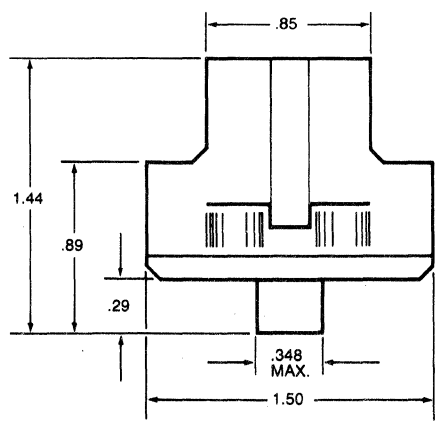
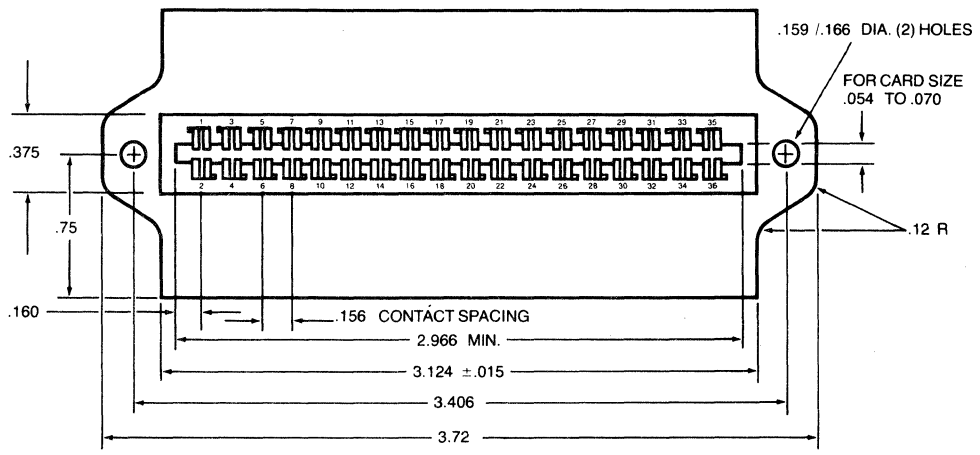
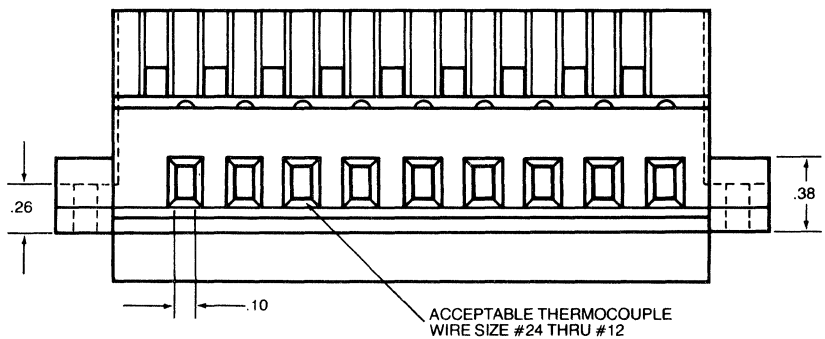
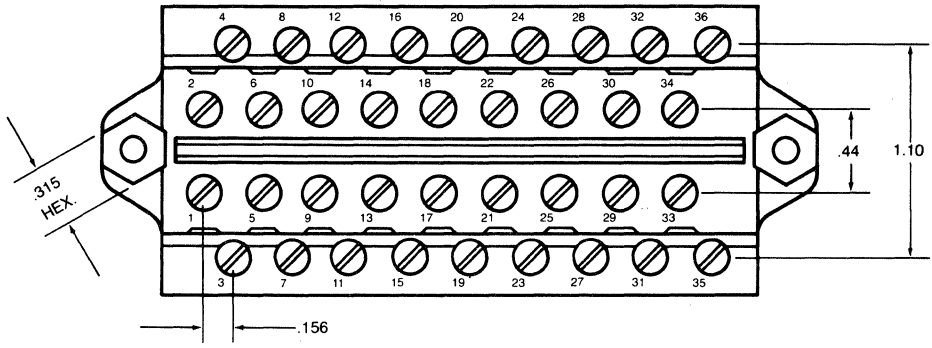


- NOTES:**
1. ALL DIMENSIONS IN INCHES — FOR REFERENCE ONLY.
 2. WIRE CAPACITY: - NO. 16 TO 30 AWG.
 3. .062 P.C. BOARD THICKNESS, .156 CONTACT CENTERLINE SPACING, FOR DOUBLE SIDED BOARD.

No. of dbl. sided ckt's.	A	B & D	C	E	F	G
20	2.59"	2.16"	1.73"	1.713"	1.65"	1.85"
30	3.37"	2.95"	2.51"	2.495"	2.43"	2.64"
36	3.84"	3.41"	2.98"	2.965"	2.90"	3.11"
44	4.47"	4.04"	3.60"	3.587"	3.54"	3.73"

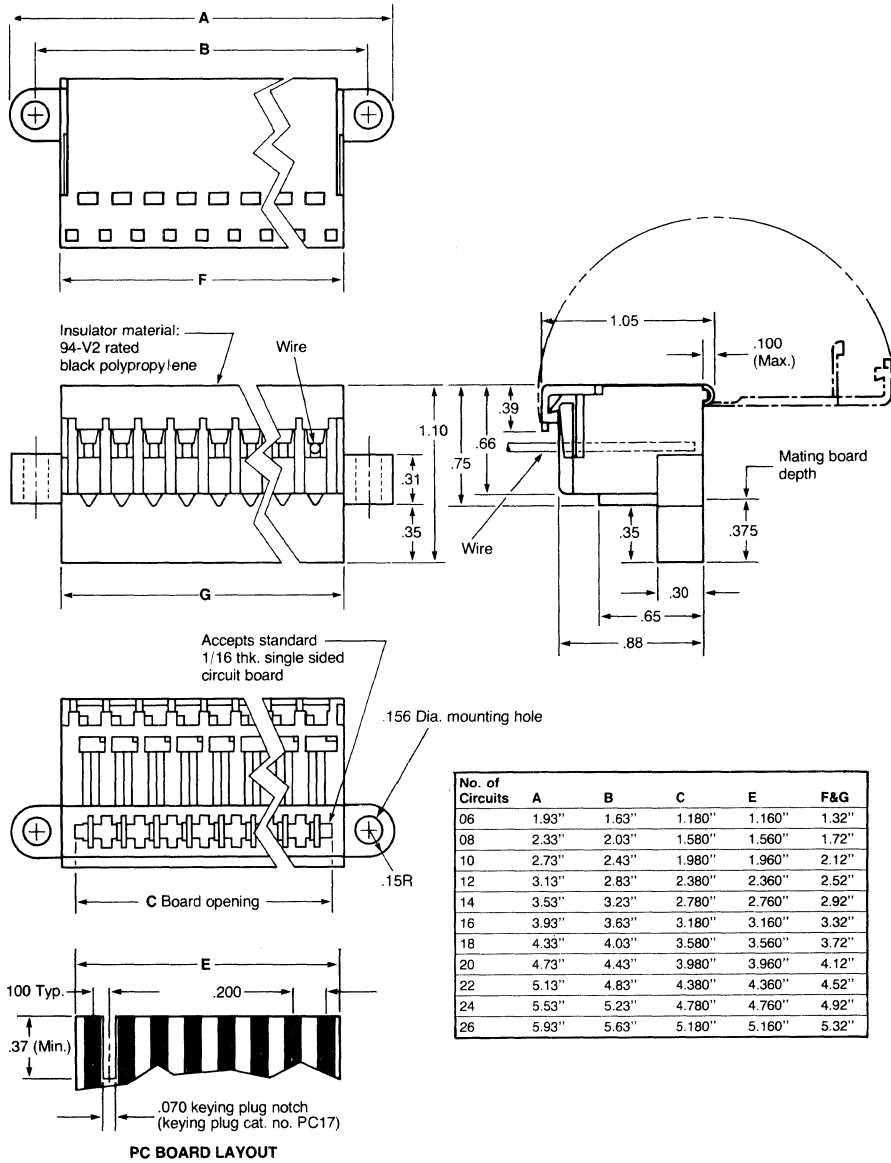
OUTLINE DRAWINGS

65R7

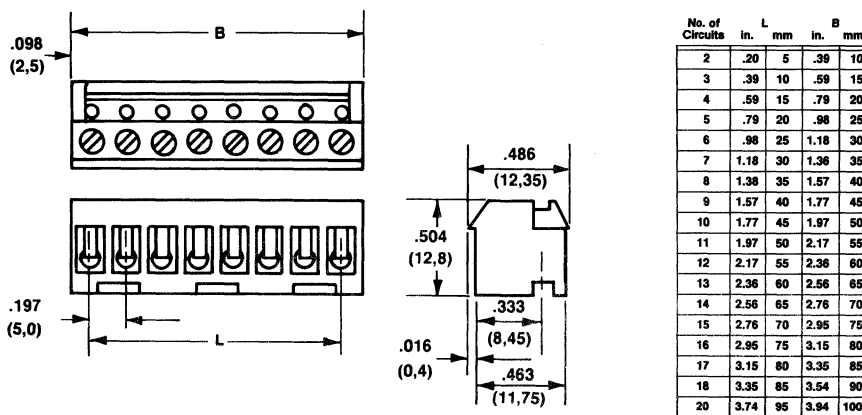


OUTLINE DRAWINGS

65R8

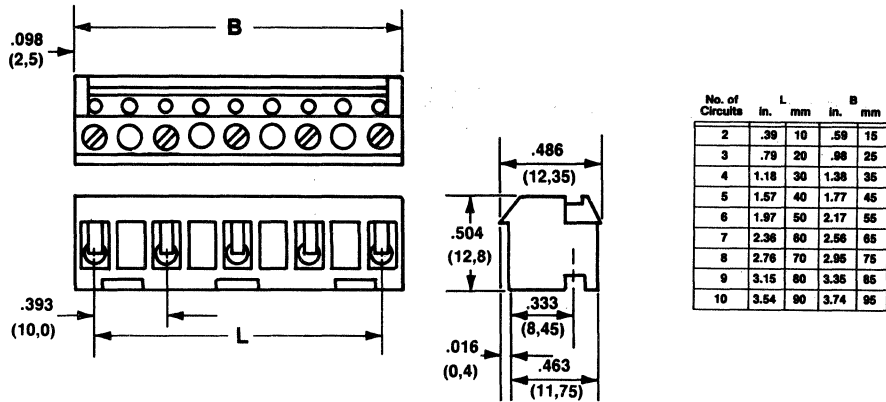


65R11



OUTLINE DRAWINGS

65R12



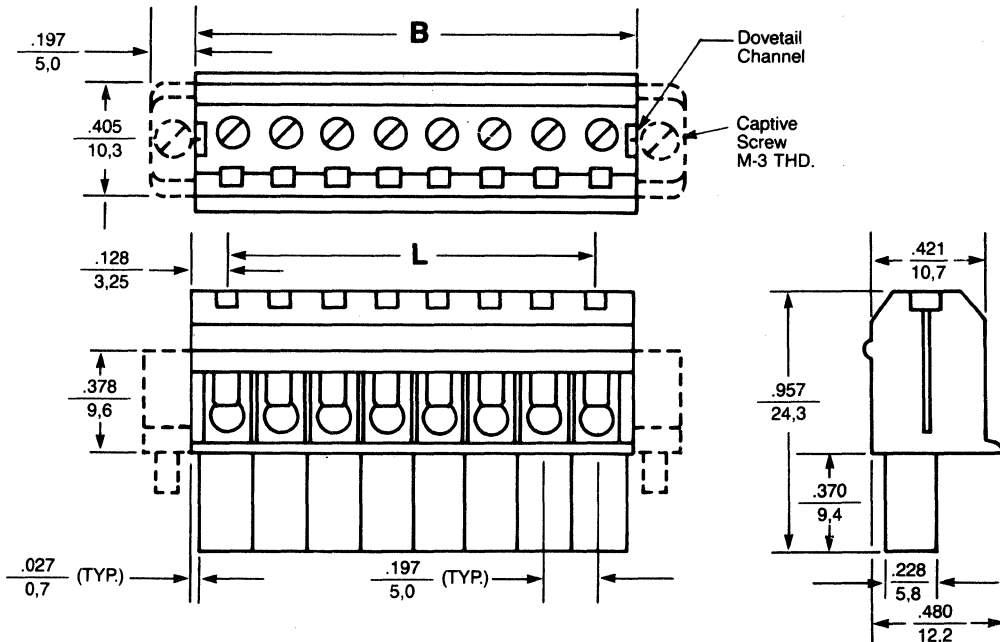
65R13 65R14

65R13

No. of Circuits	L		B	
	in.	mm	in.	mm
2	.20	5	.45	11,5
3	.39	10	.65	16,5
4	.59	15	.85	21,5
5	.79	20	1.04	26,5
6	.98	25	1.24	31,5
8	1.38	35	1.63	41,5
10	1.77	45	2.03	51,5
11	1.97	50	2.23	56,5
12	2.17	55	2.42	61,5
14	2.56	65	2.81	71,5
15	2.76	70	3.01	76,5
16	2.95	75	3.20	81,5
20	3.74	95	4.00	101,5

65R14

No. of Circuits	L		B	
	in.	mm	in.	mm
2	.39	10	.65	16,5
3	.79	20	1.04	26,5
4	1.18	30	1.44	36,5
5	1.57	40	1.83	46,5
6	1.97	50	2.22	56,5
7	2.36	60	2.62	66,5
8	2.76	70	3.01	76,5
9	3.15	80	3.40	86,5
10	3.54	90	3.80	96,5

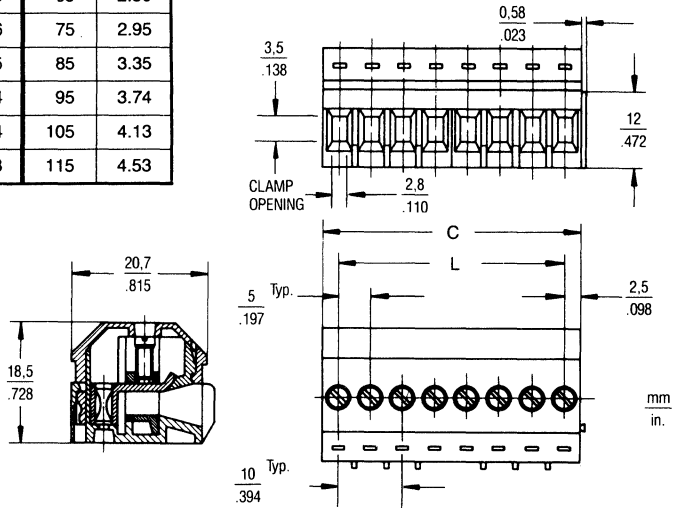


OUTLINE DRAWINGS

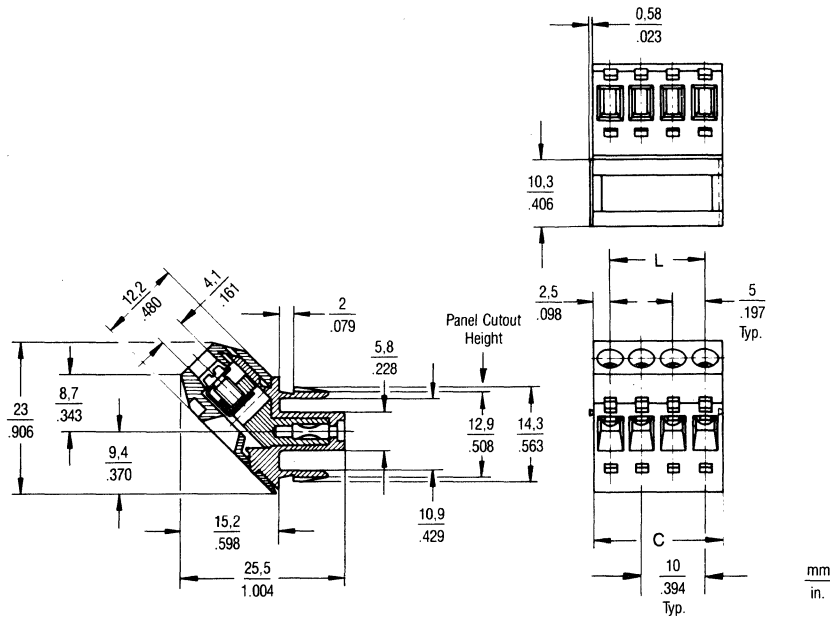
65R16

No. of Circuits	Dimensions					
	L		C			
	mm	in.	mm	in.	mm	in.
02	5	.20	10	.39		
03	10	.39	15	.59		
04	15	.59	20	.79		
05	20	.79	25	.98		
06	25	.98	30	1.18		
07	30	1.18	35	1.38		
08	35	1.38	40	1.58		
09	40	1.58	45	1.77		
10	45	1.77	50	1.97		
11	50	1.97	55	2.17		
12	55	2.17	60	2.36		
13	60	2.36	65	2.56		
14	65	2.56	70	2.76		
15	70	2.76	75	2.95		
16	75	2.95	80	3.15		
17	80	3.15	85	3.35		
18	85	3.35	90	3.54		
19	90	3.54	95	3.74		

No. of Circuits	Dimensions					
	L		C			
	mm	in.	mm	in.	mm	in.
02	10	.39	15	.59		
03	20	.79	25	.98		
04	30	1.18	35	1.38		
05	40	1.58	45	1.77		
06	50	1.97	55	2.17		
07	60	2.36	65	2.56		
08	70	2.76	75	2.95		
09	80	3.15	85	3.35		
10	90	3.54	95	3.74		
11	100	3.94	105	4.13		
12	110	4.33	115	4.53		



65R17

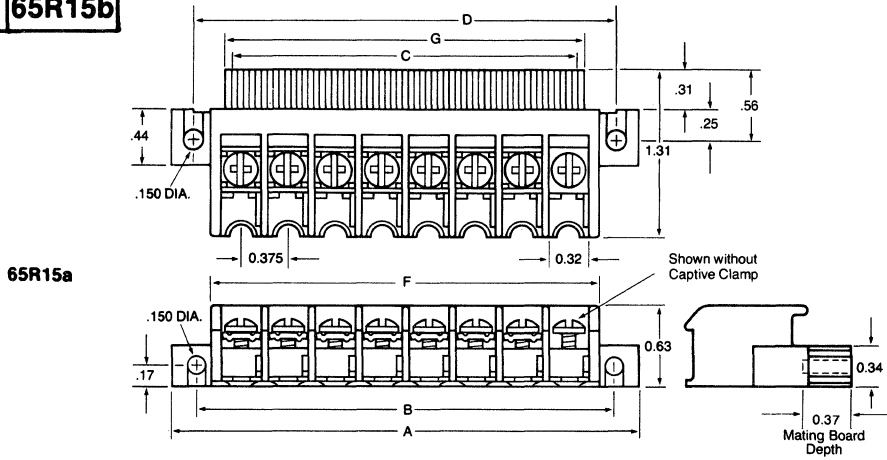


No. of Circuits	Dimensions					
	L		C			
	mm	in.	mm	in.	mm	in.
02	5	.20	10	.39		
03	10	.39	15	.59		
04	15	.59	20	.79		

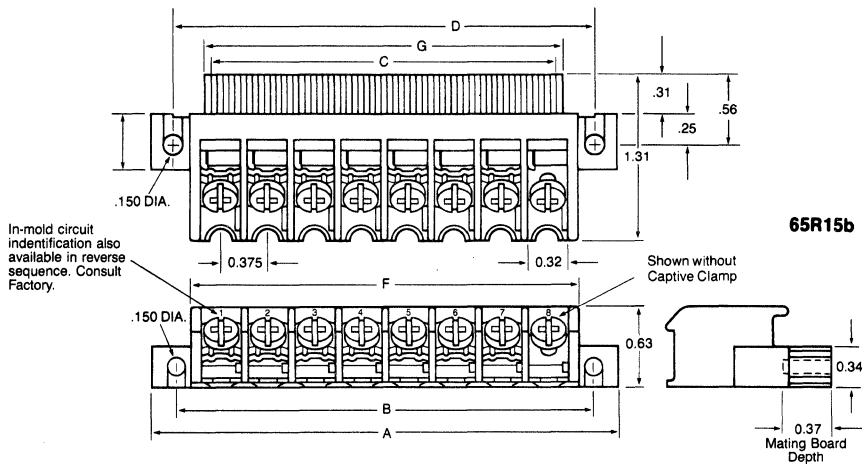
No. of Circuits	Dimensions					
	L		C			
	mm	in.	mm	in.	mm	in.
02	10	.39	15	.59		

OUTLINE DRAWINGS

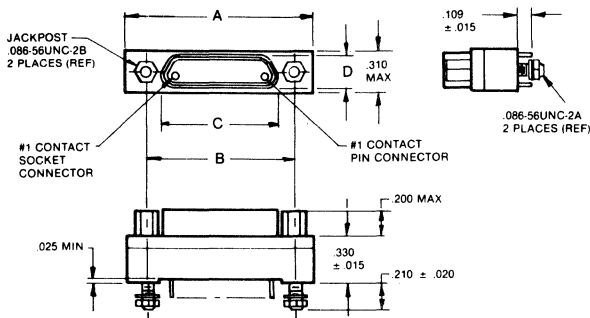
65R15 65R15a 65R15b



No. Circuits	Overall Width A	Mtg. Hole B & D	Board Entry Slot C	Board Width E	F	G
06	3.00"	2.625"	2.000"	1.990"	2.36"	2.16"
08	3.75"	3.375"	2.750"	2.740"	3.11"	2.91"
10	4.50"	4.125"	3.500"	3.490"	3.86"	3.66"
12	5.25"	4.875"	4.250"	4.240"	4.61"	4.41"
14	6.00"	5.625"	5.000"	4.990"	5.36"	5.16"
16	6.75"	6.375"	5.750"	5.740"	6.11"	5.91"
18	7.50"	7.125"	6.500"	6.490"	6.86"	6.66"
20	8.25"	7.875"	7.250"	7.235"	7.61"	7.41"
22	9.00"	8.625"	8.000"	7.985"	8.36"	8.16"
24	9.75"	9.375"	8.750"	8.735"	9.11"	8.91"
26	10.50"	10.125"	9.500"	9.485"	9.86"	9.66"
28	11.25"	10.875"	10.250"	10.235"	10.61"	10.41"



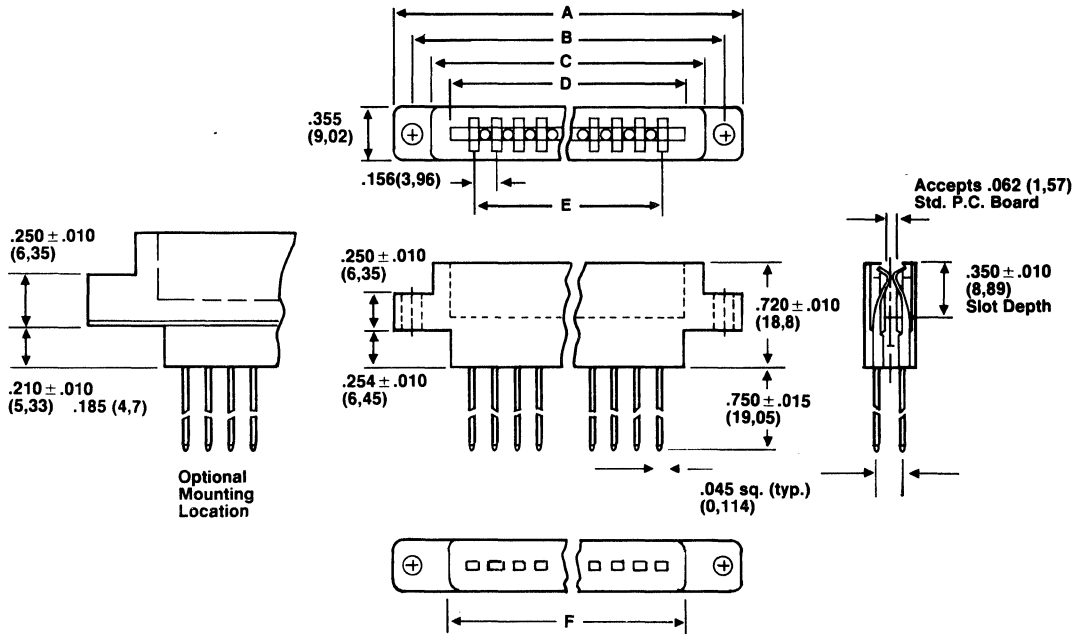
87R2



NUMBER	A MAX	B ±.005	C MAX	D MAX
-9	.785	.565	.410	.255
-15	.935	.715	.560	.255
-21	1.085	.865	.710	.255
-25	1.185	.965	.810	.255
-31	1.335	1.115	.960	.255
-37	1.485	1.265	1.110	.255

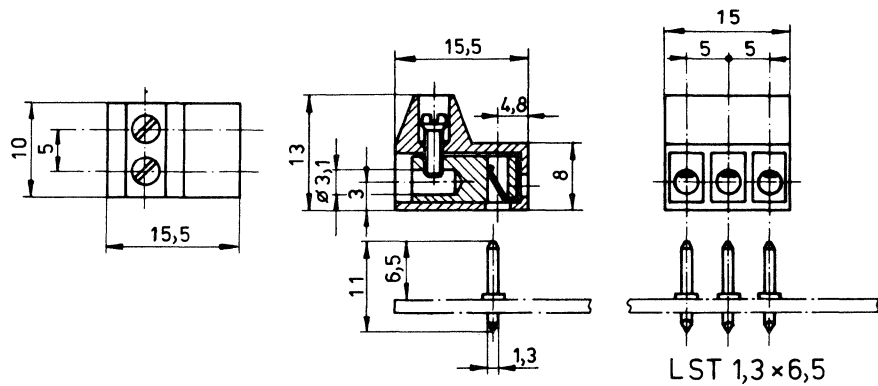
OUTLINE DRAWINGS

69R5



96R3

POLES	LENGTH	
	mm	in
2	10	.39
3	15	.59
4	20	.79
5	25	.98
6	30	1.18
7	35	1.38
8	40	1.57
9	45	1.77
10	50	1.97
11	55	2.17
12	60	2.36
13	65	2.56
14	70	2.76
15	75	2.95
16	80	3.15
17	85	3.35
18	90	3.54
19	95	3.74
20	100	3.94
21	105	4.13
22	110	4.33
23	115	4.53
24	120	4.72
25		
26		
27		



OUTLINE DRAWINGS

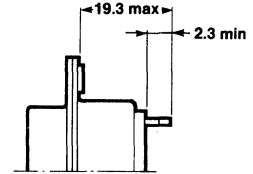
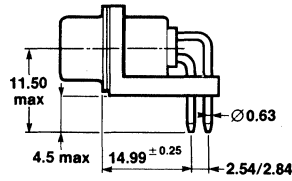
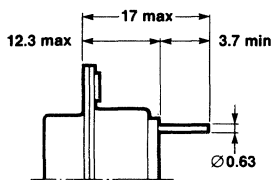
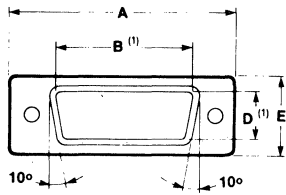
66R11

straight spills

right angle spills

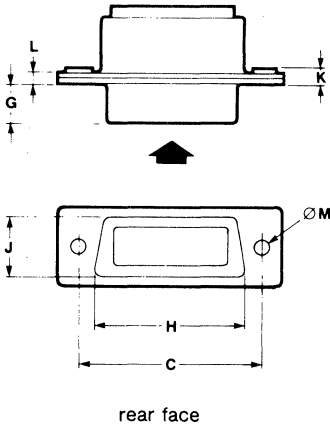
solder bucket

front face



Note : Consult us for special dimensions

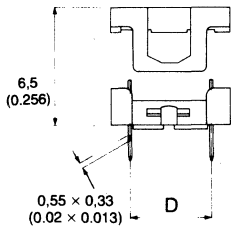
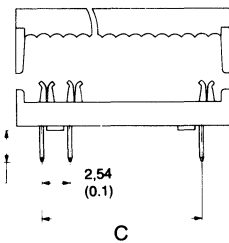
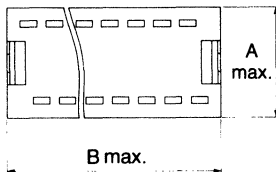
9 → 37 cts



SHELL	E 09	A 15	B 25	C 37	D 50
A +0.76 0	30.43	38.76	52.65	68.94	66.55
B +0.25 0	16.21	24.54	38.25	54.71	52.30
C ±0.12	24.99	33.32	47.04	63.50	61.11
D +0.25 0	7.77	7.77	7.77	7.77	10.62
E +0.76 0	12.17	12.17	12.17	12.17	14.99
G +0.15 0	6.10	6.10	6.10	6.10	6.10
H +0.51 0	19.02	27.25	41.02	57.45	55.07
J +0.51 0	10.46	10.46	10.46	10.46	13.31
K ±0.20	1.10	1.10	1.10	1.10	1.10
L +0.22 0	0.80	0.80	0.80	0.80	0.80
M +0.08 -0.10	3.10	3.10	3.10	3.10	3.10

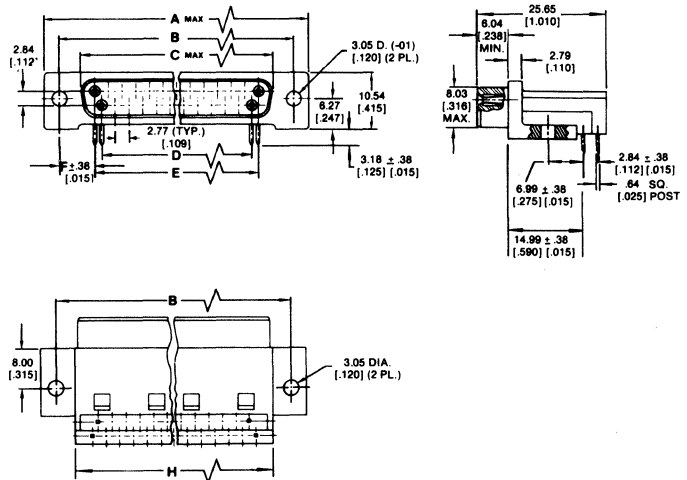
(1) INSIDE DIMENSIONS OF MALE AND OUTSIDE DIMENSIONS OF FEMALE CONNECTORS

66R12



no. of contacts	A max.	B max.	C	D
14	10,79 (0.425)	19,81 (0.78)	15,24 (0.60)	7,62 (0.30)
16	10,79 (0.425)	22,35 (0.88)	17,78 (0.70)	7,62 (0.30)
24	18,41 (0.725)	32,51 (1.28)	27,94 (1.10)	15,24 (0.60)
40	18,41 (0.725)	52,83 (2.08)	48,26 (1.90)	15,24 (0.60)

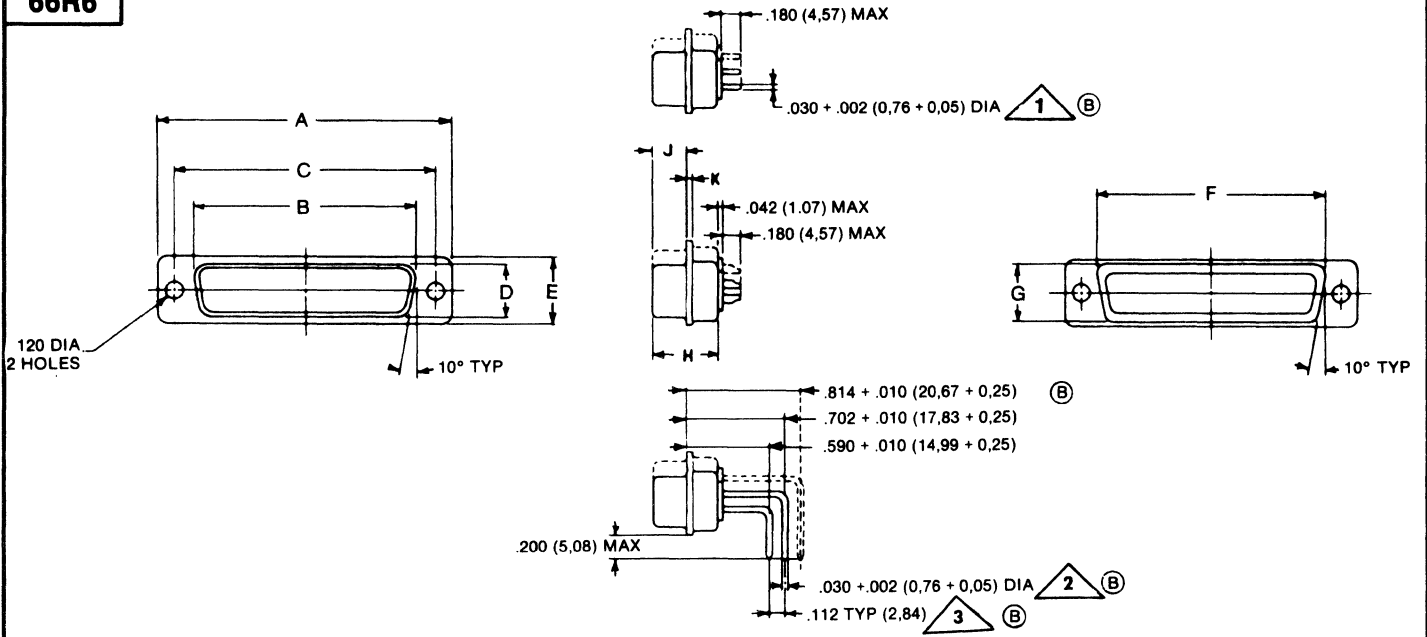
66R3



NO. OF PINS	DIMENSIONS						
	Amax	B	Cmax	D	E	F	G
9	31.19 (1.228)	24.99 (.984)	16.46 (.648)	8.31 (.327)	11.07 (.436)	6.96 (.274)	17.47 (.668)
15	39.52 (1.556)	33.32 (1.312)	24.80 (.976)	16.61 (.654)	19.38 (.763)	6.99 (.275)	25.78 (1.015)
25	53.21 (2.095)	47.04 (1.852)	38.46 (1.514)	30.45 (1.199)	33.22 (1.308)	6.91 (.272)	39.62 (1.560)
37	69.65 (2.742)	63.50 (2.500)	54.92 (2.162)	40.07 (1.853)	49.83 (1.962)	6.83 (2.69)	56.23 (2.214)

OUTLINE DRAWINGS

66R6



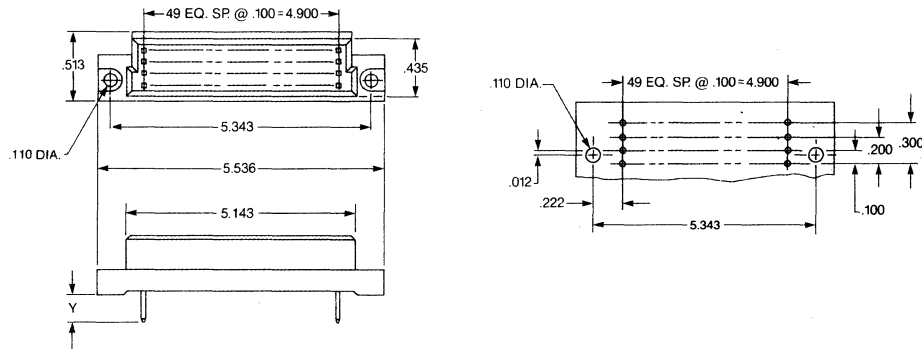
- 1** .025 ϕ (0.63) and 0.40 ϕ (1.02) straight PC terminations optional.
- 2** .025 ϕ (0.63) right angle terminations optional
- 3** .100 (2.54) spacing between contacts on .025 ϕ (0.63) and .030 ϕ (0.76) right angle terminations optional.

- 4 Dimensions in () are in millimeters.
- 5 Consult factory for availability on optional items.

6 Dotted outline in side view diagrams shows the increased width of the 50 pin connector for the additional row of contacts

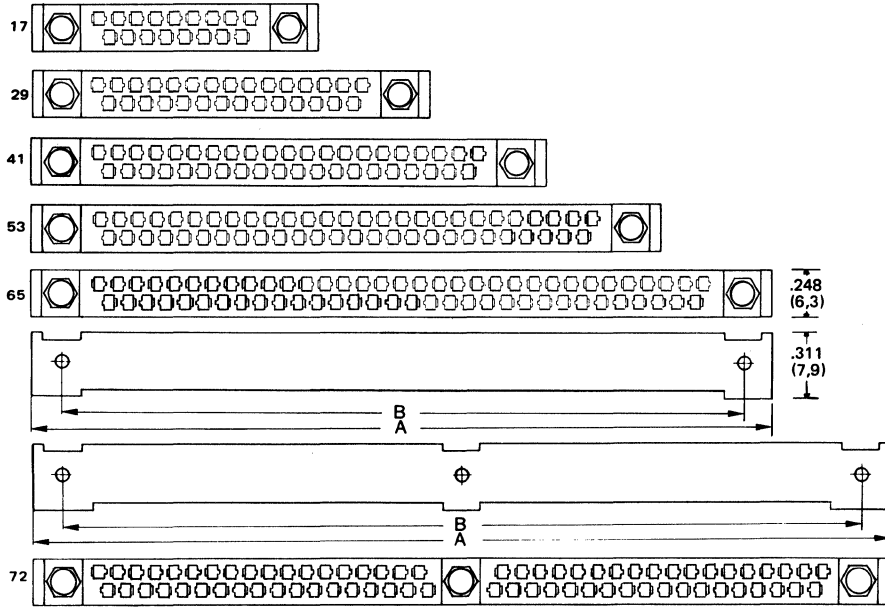
CON-TRACTS	$\pm .015(0.38)$	$\pm .005(0.12)$	$\pm .005(0.12)$	$\pm .005(0.12)$	$\pm .015(0.38)$	$\pm .010(0.25)$	$\pm .010(0.25)$	H c-type $\pm .010(0.25)$	H pi-type $\pm .010(0.25)$	$\pm .005(0.12)$	$\pm .010(0.25)$
9	$\pm 1.213(30.81)$.643(16.33)	.984(24.99)	.311(7.89)	.494(12.55)	.759(19.27)	.422(10.71)	.429(10.89)	.710(18.05)	.243(6.17)	.030(0.76)
15	$\pm 1.541(39.14)$.971(24.66)	1.312(33.32)	.311(7.89)	.494(12.55)	1.083(27.50)	.422(10.71)	.429(10.89)	.710(18.05)	.243(6.17)	.030(0.76)
25	$\pm 2.088(53.03)$	1.511(38.63)	1.852(47.03)	.311(7.89)	.494(12.55)	1.625(41.27)	.422(10.71)	.429(10.89)	.710(18.05)	.243(6.17)	.030(0.76)
37	$\pm 2.729(69.32)$	2.159(54.83)	2.500(63.49)	.311(7.89)	.494(12.55)	2.272(57.70)	.422(10.71)	.429(10.89)	.710(18.05)	.243(6.17)	.030(0.76)
50	$\pm 2.635(66.93)$	2.064(52.42)	2.406(61.11)	.429(10.74)	.605(15.37)	2.178(55.32)	.534(13.56)	.429(10.89)	.710(18.05)	.243(6.17)	.030(0.76)

121R29



OUTLINE DRAWINGS

66R8



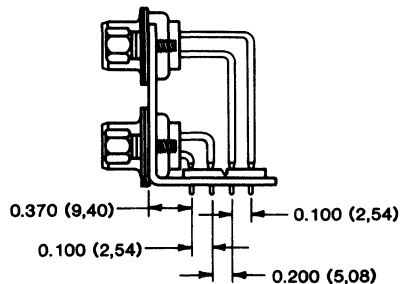
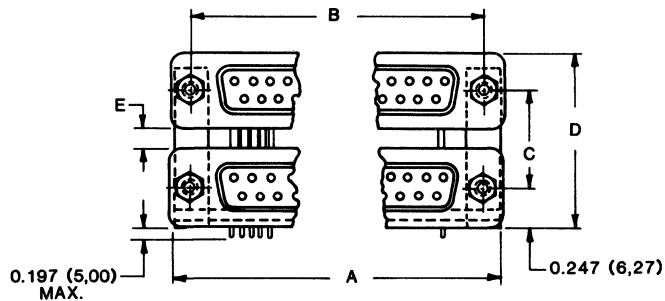
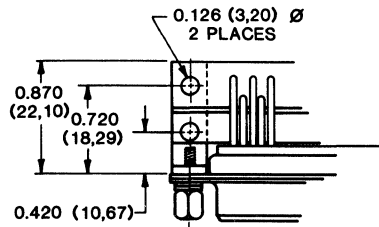
84 and 96 - Way versions also with central non-polarized guide

Dim. \ No. of Contacts	17	29	41	53	65	72	84	96
A	1.516 (38,50)	2.114 (53,70)	2.716 (69,00)	3.315 (84,20)	3.917 (99,50)	4.524 (114,90)	5.114 (129,90)	5.716 (145,20)
B +.008 (0,2)	1.20 (30,48)	1.80 (45,72)	2.40 (60,96)	3.0 (76,20)	3.6 (91,44)	4.208 (106,88)	4.8 (121,92)	5.4 (137,16)
C	1.02 (25,90)	1.618 (41,10)	2.209 (56,10)	2.819 (71,60)	3.42 (86,90)	4.02 (102,10)	4.618 (117,30)	5.22 (132,60)

67R5

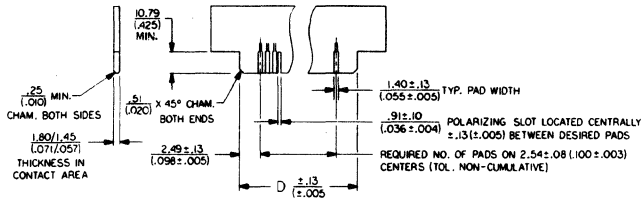
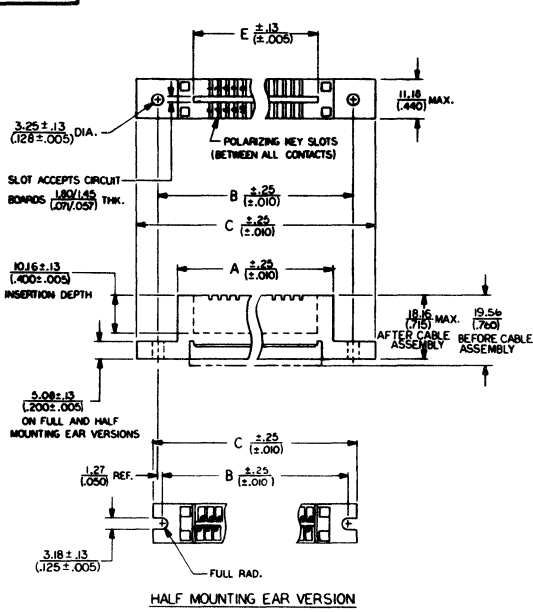
NUMBER OF CONTACTS	NO. OF CONTACTS	A	B
9	18	1.204 (30,58)	0.984 (24,99)
15	30	1.532 (35,91)	1.312 (33,32)
25	50	2.072 (52,78)	1.852 (47,04)
37	74	2.720 (69,09)	2.500 (63,50)

DRAWING VARIATION	C	D	E
67R5a	0.626 (15,90)	1.120 (3,05)	0.132 (3,35)
67R5b	0.752 (19,10)	1.246 (31,65)	0.258 (6,55)
67R5c	0.902 (22,90)	1.396 (35,46)	0.408 (10,36)



OUTLINE DRAWINGS

68R5



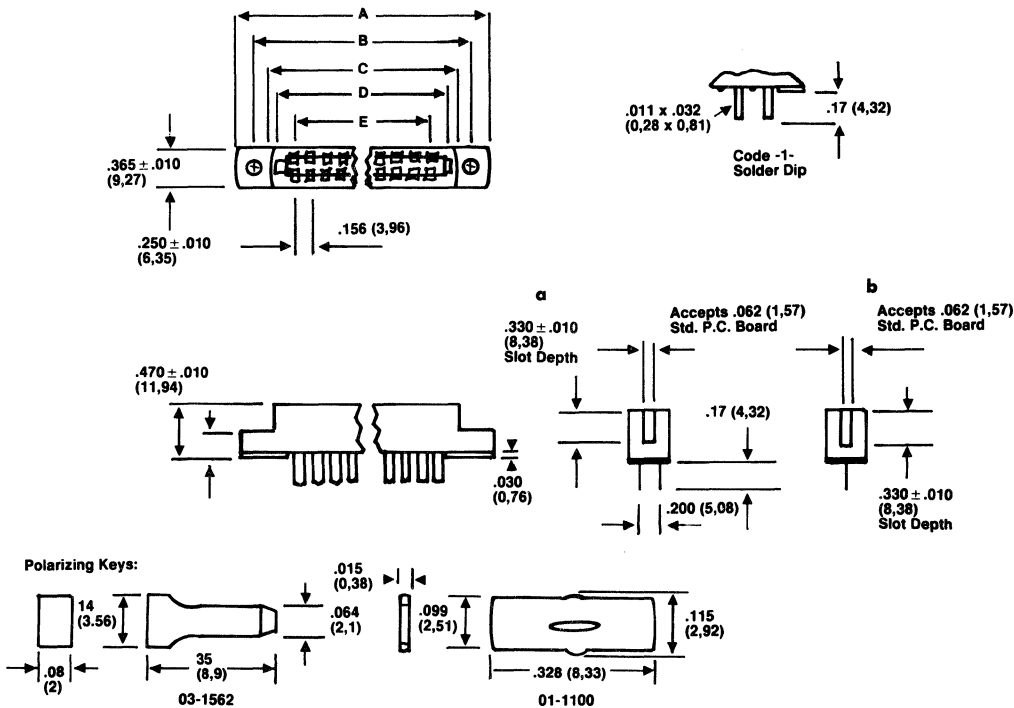
RECOMMENDED P.C. BOARD DIMENSIONS

SCALE: NONE

DIMENSIONS ARE SHOWN IN MM (INCHES)

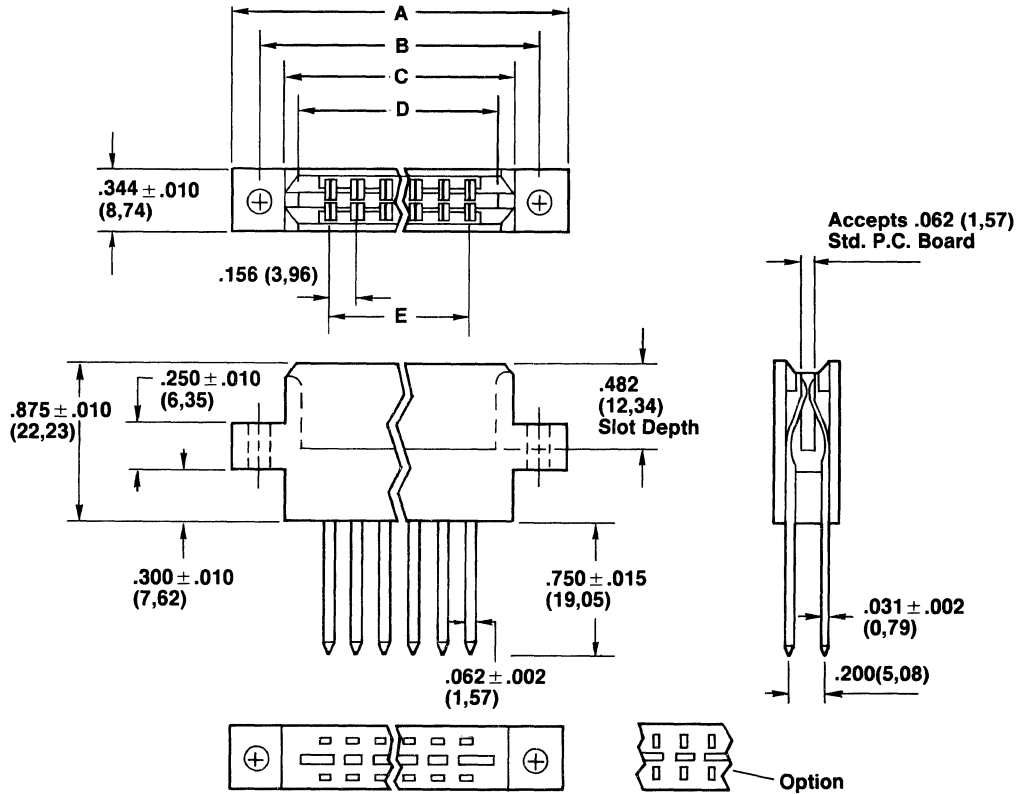
TYPE OF BODY	CATALOG NUMBER	NO. OF POS.	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F
WITH MOUNTING EARS	609-1005M	10	24.36 (959)	35.56 (1,400)	48.26 (1,900)	15.11 (.595)	15.37 (.605)	25.12 (.989)
	609-1605M	16	31.98 (1,259)	43.18 (1,700)	55.88 (2,200)	22.73 (.895)	22.99 (.905)	32.74 (1,289)
	609-2005M	20	37.06 (1,459)	48.26 (1,900)	60.96 (2,400)	27.81 (1,095)	28.07 (1,105)	37.82 (1,489)
	609-2605M	26	44.68 (1,759)	55.88 (2,200)	68.58 (2,700)	35.43 (1,395)	35.69 (1,405)	45.44 (1,789)
	609-3405M	34	54.84 (2,159)	66.04 (2,600)	78.74 (3,100)	45.59 (1,795)	45.85 (1,805)	55.60 (2,189)
	609-4005M	40	62.46 (2,459)	73.66 (2,900)	86.36 (3,400)	53.21 (2,095)	53.47 (2,105)	63.22 (2,489)
	609-4405M	44	67.54 (2,659)	78.74 (3,100)	91.44 (3,600)	58.29 (2,295)	58.55 (2,305)	68.30 (2,689)
	609-5005M	50	75.16 (2,959)	86.36 (3,400)	99.06 (3,900)	65.91 (2,595)	66.17 (2,605)	75.92 (2,989)
	609-5605M	56	82.78 (3,259)	93.98 (3,700)	106.68 (4,200)	73.53 (2,895)	73.79 (2,905)	83.54 (3,289)
	609-6005M	60	87.86 (3,459)	99.06 (3,900)	111.76 (4,400)	78.61 (3,095)	78.87 (3,105)	88.62 (3,489)
WITH HALF EARS	609-1025M	10	24.36 (959)	33.02 (1,300)	38.10 (1,500)	15.11 (.595)	15.37 (.605)	25.12 (.989)
	609-1625M	16	31.98 (1,259)	40.64 (1,600)	45.72 (1,800)	22.73 (.895)	22.99 (.905)	32.74 (1,289)
	609-2025M	20	37.06 (1,459)	45.72 (1,800)	50.80 (2,000)	27.81 (1,095)	28.07 (1,105)	37.82 (1,489)
	609-2625M	26	44.68 (1,759)	53.34 (2,100)	58.42 (2,300)	35.43 (1,395)	35.69 (1,405)	45.44 (1,789)
	609-3425M	34	54.84 (2,159)	63.90 (2,500)	68.98 (2,700)	45.59 (1,795)	45.85 (1,805)	55.60 (2,189)
	609-4025M	40	62.46 (2,459)	71.12 (2,800)	76.20 (3,000)	53.21 (2,095)	53.47 (2,105)	63.22 (2,489)
	609-4425M	44	67.54 (2,659)	76.20 (3,000)	81.28 (3,200)	58.29 (2,295)	58.55 (2,305)	68.30 (2,689)
	609-5025M	50	75.16 (2,959)	83.82 (3,300)	88.90 (3,500)	65.91 (2,595)	66.17 (2,605)	75.92 (2,989)
	609-5625M	56	82.78 (3,259)	91.44 (3,600)	96.52 (3,800)	73.53 (2,895)	73.79 (2,905)	83.54 (3,289)
	609-6025M	60	87.86 (3,459)	96.52 (3,800)	101.60 (4,000)	78.61 (3,095)	78.87 (3,105)	88.62 (3,489)
WITHOUT EARS	609-1015M	10	24.36 (.959)			15.11 (.595)	15.37 (.605)	25.12 (.989)
	609-1615M	16	31.98 (1,259)			22.73 (.895)	22.99 (.905)	32.74 (1,289)
	609-2015M	20	37.06 (1,459)			27.81 (1,095)	28.07 (1,105)	37.82 (1,489)
	609-2615M	26	44.68 (1,759)			35.43 (1,395)	35.69 (1,405)	45.44 (1,789)
	609-3415M	34	54.84 (2,159)			45.59 (1,795)	45.85 (1,805)	55.60 (2,189)
	609-4015M	40	62.46 (2,459)			53.21 (2,095)	53.47 (2,105)	63.22 (2,489)
	609-4415M	44	67.54 (2,659)			58.29 (2,295)	58.55 (2,305)	68.30 (2,689)
	609-5015M	50	75.16 (2,959)			65.91 (2,595)	66.17 (2,605)	75.92 (2,989)
	609-5615M	56	82.78 (3,259)			73.53 (2,895)	73.79 (2,905)	83.54 (3,289)
	609-6015M	60	87.86 (3,459)			78.61 (3,095)	78.87 (3,105)	88.62 (3,489)

69R2

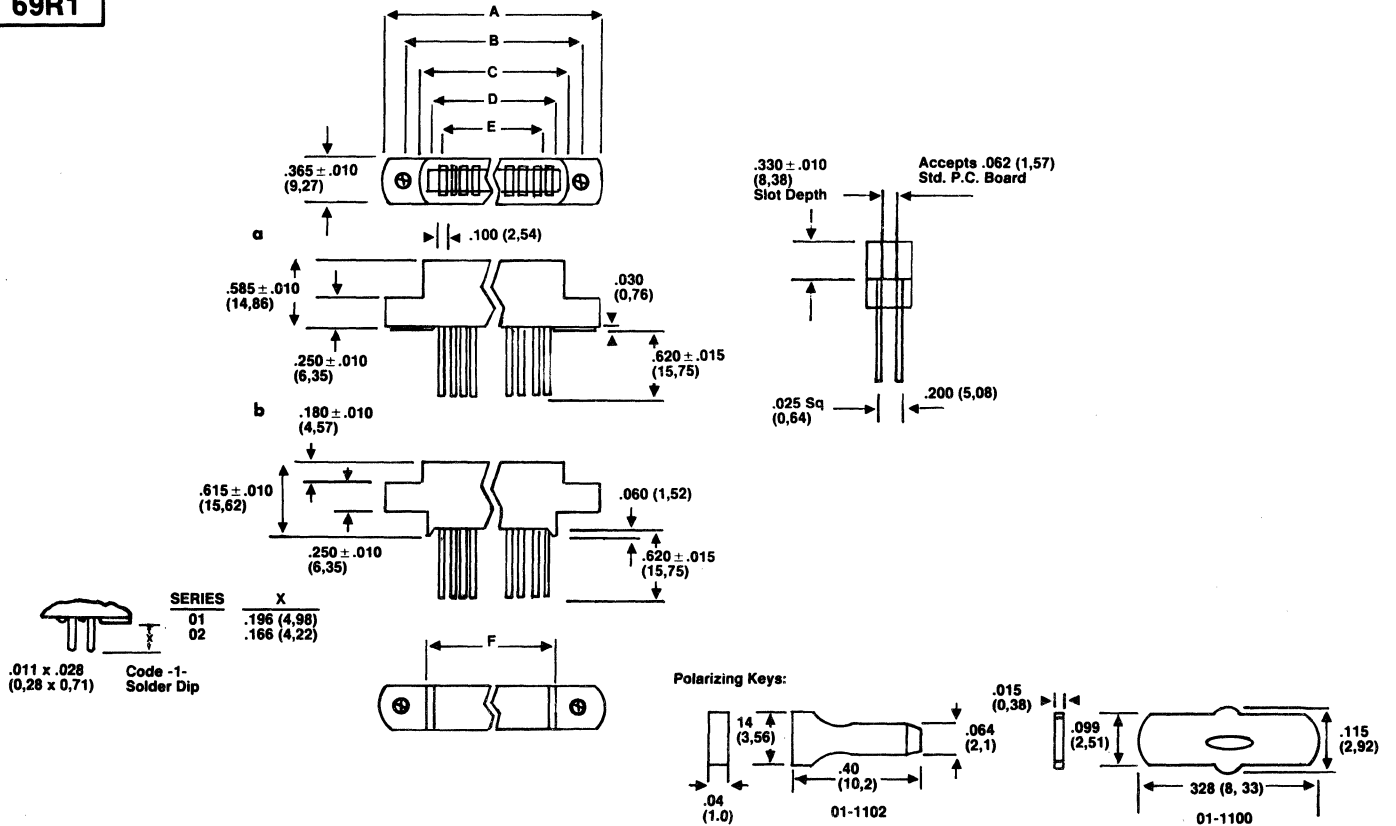


OUTLINE DRAWINGS

69R4

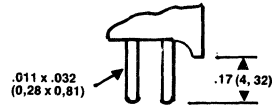
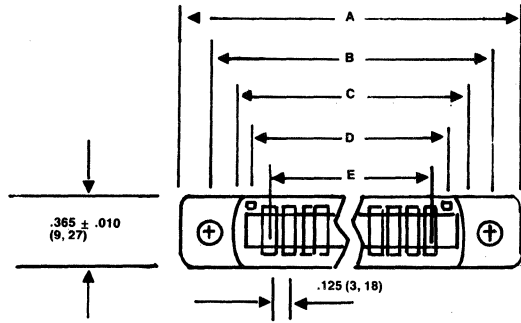


69R1

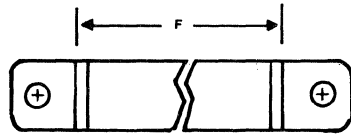
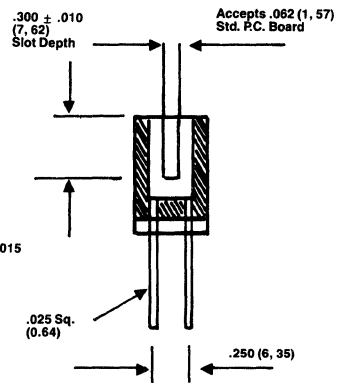
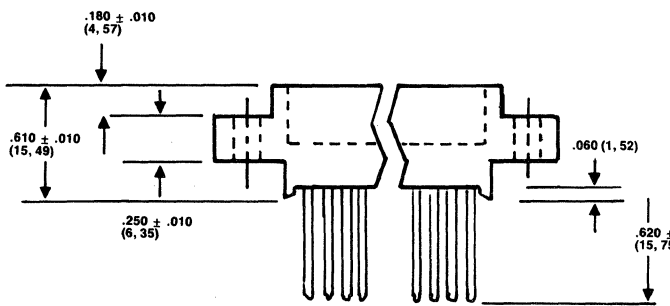


OUTLINE DRAWINGS

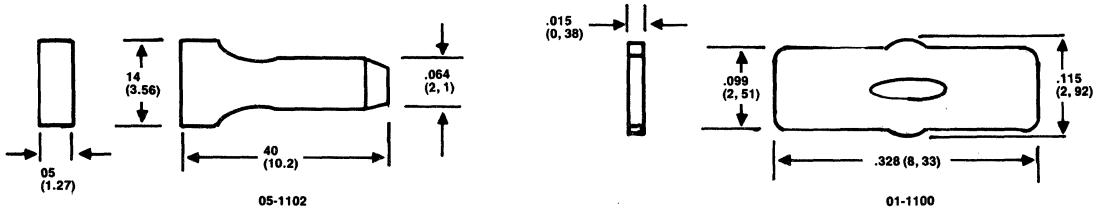
69R3



Code -1-
Solder Dip



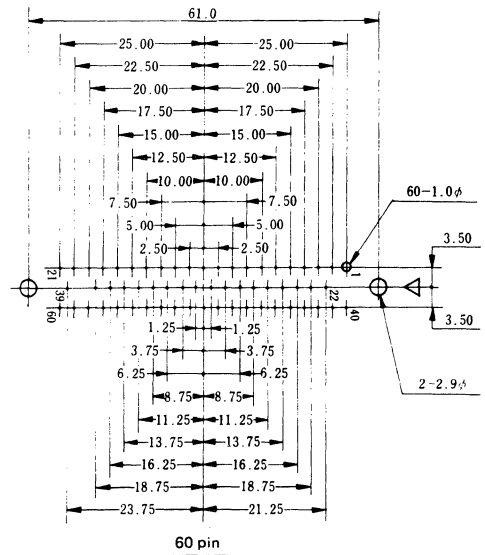
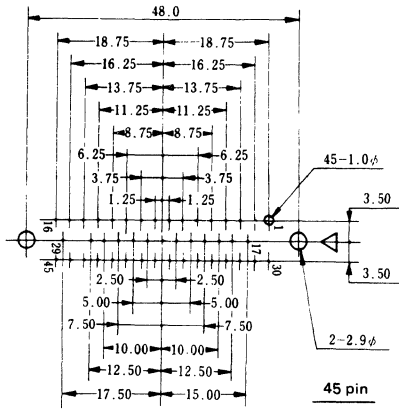
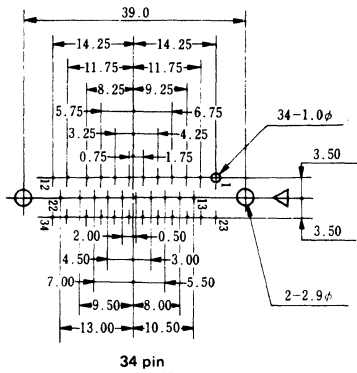
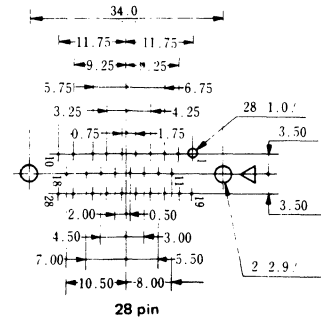
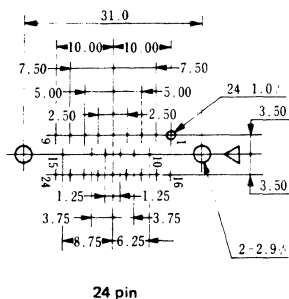
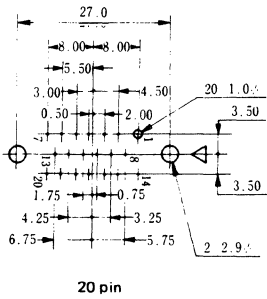
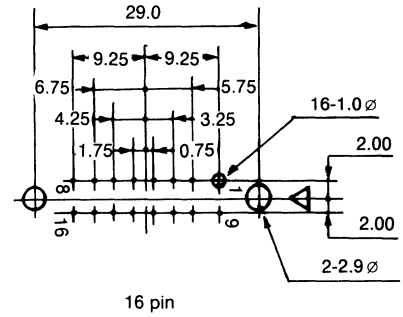
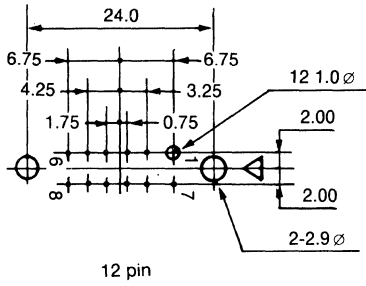
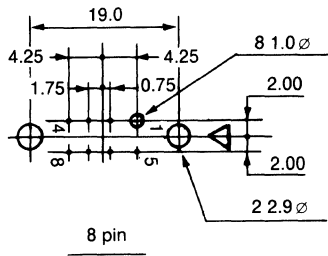
Polarizing Keys



Total No. Contacts	A (± .010)	B (± .010)	C (± .010)	D (± .005)	E (± .005)	F (± .005)
20	2.055 (52,20)	1.795 (45,59)	1.535 (38,99)	1.375 (34,93)	1.125 (28,58)	1.375 (34,93)
30	2.680 (68,07)	2.420 (61,47)	2.160 (54,86)	2.000 (50,80)	1.750 (44,45)	2.000 (50,80)
36	3.055 (77,60)	2.795 (71,00)	2.535 (64,39)	2.375 (60,33)	2.125 (53,98)	2.375 (60,33)
44	3.555 (90,30)	3.295 (83,70)	3.035 (77,01)	2.875 (73,03)	2.625 (66,66)	2.875 (73,03)
50	3.930 (99,82)	3.670 (93,22)	3.410 (86,61)	3.250 (82,55)	3.000 (76,20)	3.250 (82,55)
56	4.305 (109,35)	4.045 (102,74)	3.785 (96,14)	3.625 (92,08)	3.375 (85,73)	3.625 (92,08)
60	4.555 (115,70)	4.295 (109,10)	4.035 (102,49)	3.875 (98,43)	3.625 (92,08)	3.875 (98,43)
62	4.660 (118,87)	4.420 (112,27)	4.160 (105,66)	4.000 (101,60)	3.750 (95,25)	4.000 (101,60)
70	5.180 (131,57)	4.920 (124,97)	4.660 (118,36)	4.500 (114,30)	4.250 (107,95)	4.500 (114,30)
72	5.305 (134,75)	5.045 (128,14)	4.785 (121,54)	4.625 (117,48)	4.375 (111,13)	4.625 (117,48)
80	5.805 (147,45)	5.545 (140,84)	5.285 (134,24)	5.125 (130,16)	4.875 (123,83)	5.125 (130,16)
86	6.180 (156,97)	5.920 (150,37)	5.660 (143,76)	5.500 (139,70)	5.250 (133,35)	5.500 (139,70)
100	7.055 (179,20)	6.795 (172,59)	6.535 (165,99)	6.375 (161,93)	6.125 (155,56)	6.375 (161,93)

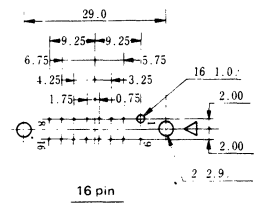
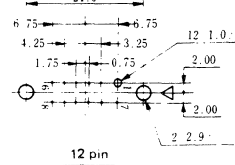
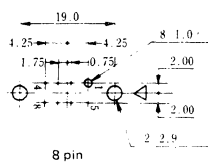
OUTLINE DRAWINGS

70R1



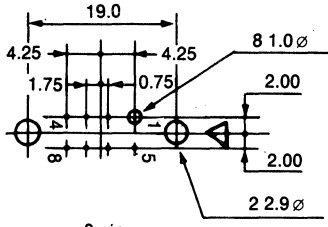
mm

NO. OF PIN	A	B	C	D	E
8	25	19	10	13	8
12	30	24	10	18	8
16	35	29	10	23	8
20	33	27	13	21	11
24	37	31	13	25	11
28	40	34	13	28	11
34	45	39	13	33	11
45	54	48	13	42	11
60	67	61	13	55	11

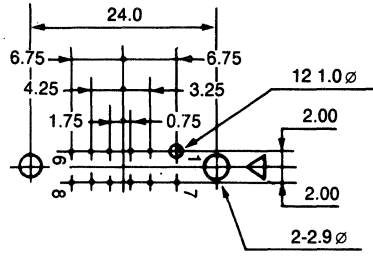


OUTLINE DRAWINGS

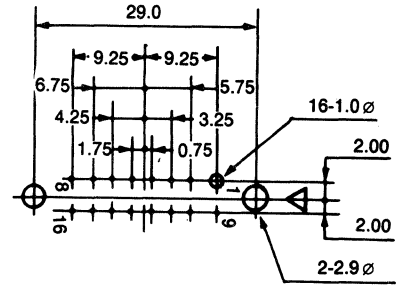
70R2



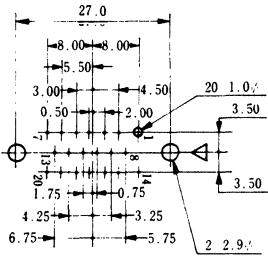
8 pin



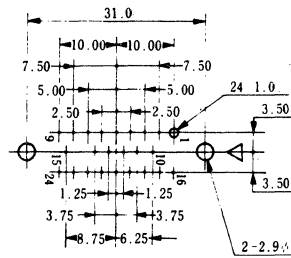
12 pin



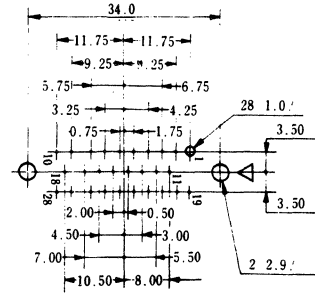
16 pin



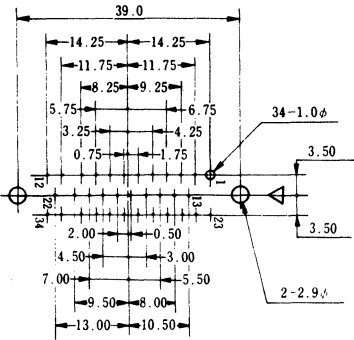
20 pin



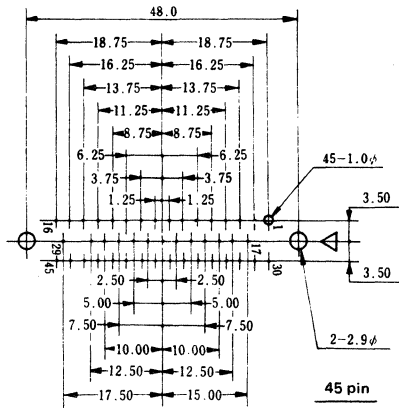
24 pin



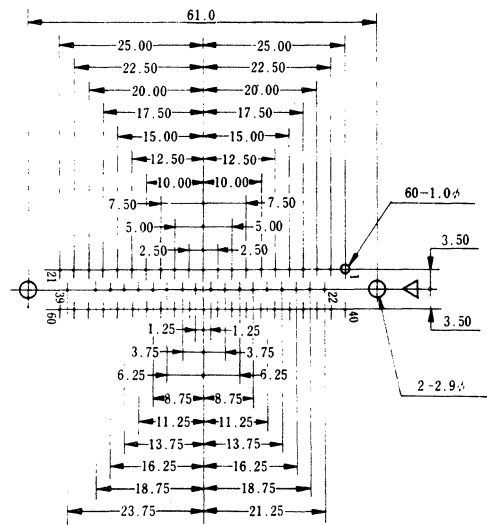
28 pin



34 pin

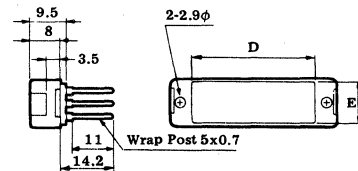
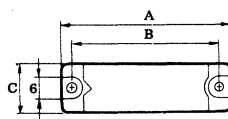


45 pin



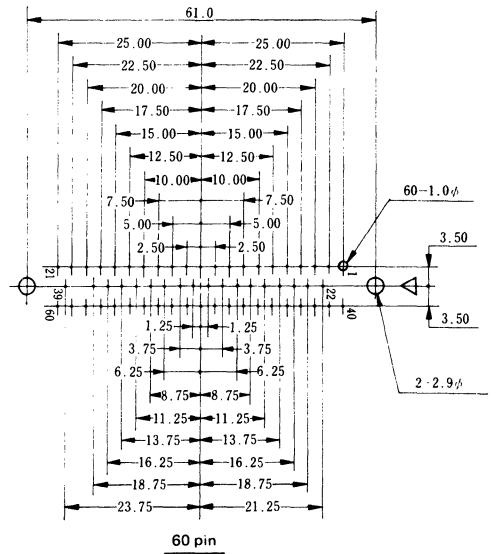
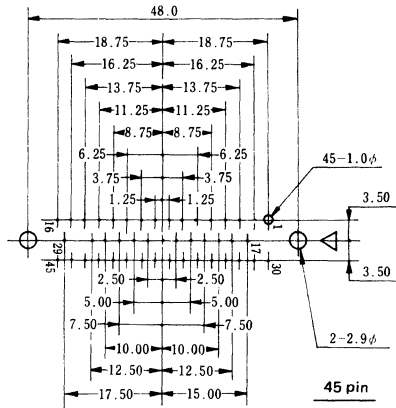
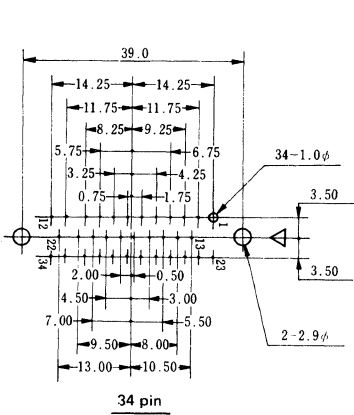
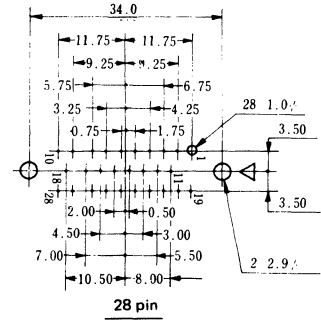
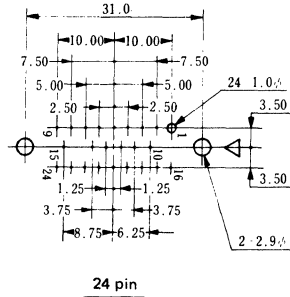
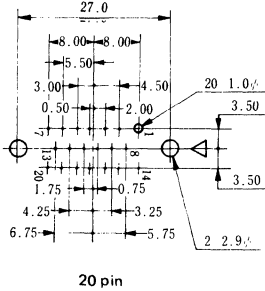
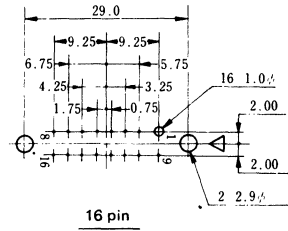
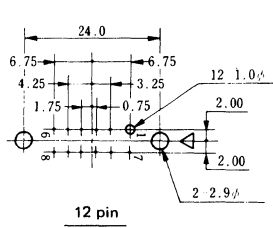
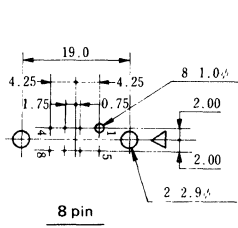
60 pin

NO. OF PIN	mm				
	A	B	C	D	E
8	25	19	10	13	8
12	30	24	10	18	8
16	35	29	10	23	8
20	33	27	13	27	11
24	37	31	13	25	11
28	40	34	13	28	11
34	45	39	13	33	11
45	54	48	13	42	11
60	67	61	13	55	11

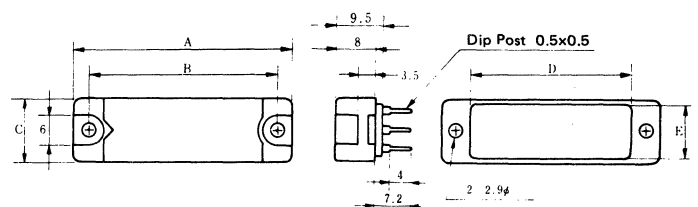


OUTLINE DRAWINGS

70R3



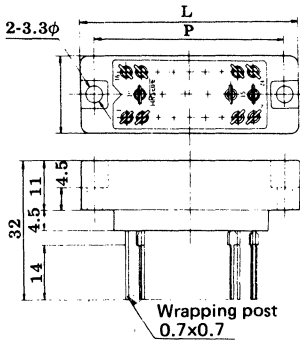
NO. OF PIN	A	B	C	D	E
8	25	19	10	13	8
12	30	24	10	18	8
16	35	29	10	23	8
20	33	27	13	21	11
24	37	31	13	25	11
28	40	34	13	28	11
34	45	39	13	33	11
45	54	48	13	42	11
60	67	61	13	55	11



OUTLINE DRAWINGS

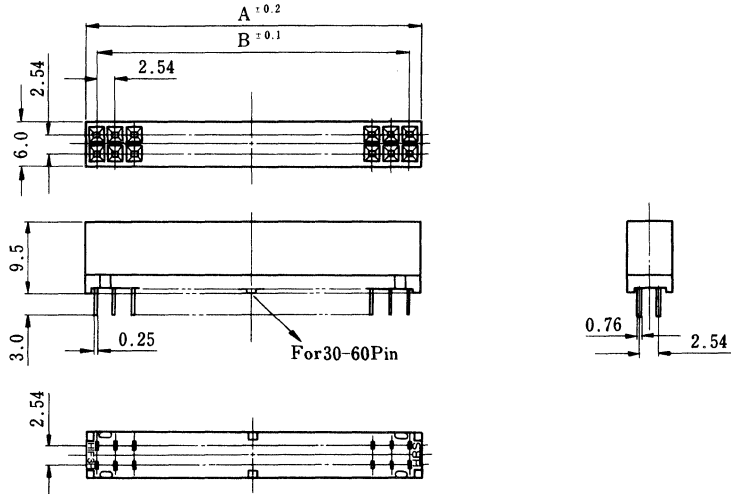
70R4

NO. OF PIN	L	P
24	48	42
28	52	46
34	58	52
45	72	66
60	90	84



70R7

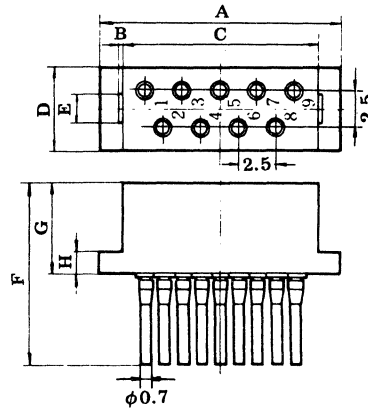
No. of pin	mm (inch)	
	A	B
10	13.70 (0.539)	10.16 (0.400)
16	21.32 (0.839)	17.78 (0.700)
20	26.40 (1.039)	22.86 (0.900)
26	34.03 (1.339)	30.48 (1.200)
30	39.10 (1.539)	35.56 (1.400)
34	44.18 (1.739)	40.64 (1.600)
40	51.80 (2.039)	48.26 (1.900)
50	64.50 (2.539)	60.96 (2.400)
60	77.20 (3.039)	73.66 (2.900)



70R5

No. of pin	A	B	C	D	E	F	G	H
5	11	0.3	8	5.5	2	12	6	2
9	16	0.3	13	5.5	2	12	6	1.5
15	23.5	0.3	20.5	5.5	2	12	6	2
21	34	0.4	30	6.5	2.5	11.5	6.5	3.5

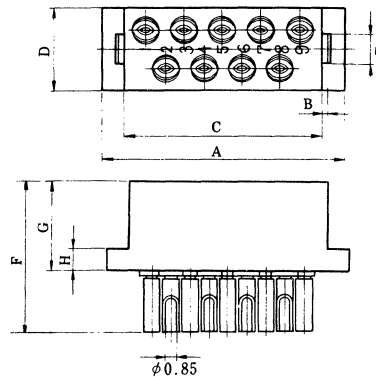
mm



70R6

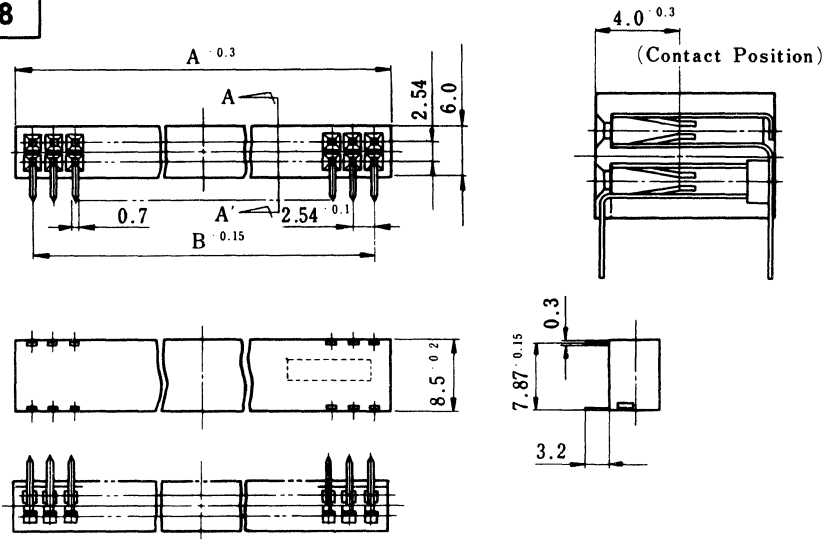
NO. OF PIN	A	B	C	D	E	F	G	H
5	11	0.3	8	5.5	2	10	6	1
9	16	0.3	13	5.5	2	10	6	1.5
15	23.5	0.3	20.5	5.5	2	10	6	2
21	34	0.4	30	6.5	2.5	9.5	6.5	3.5

mm



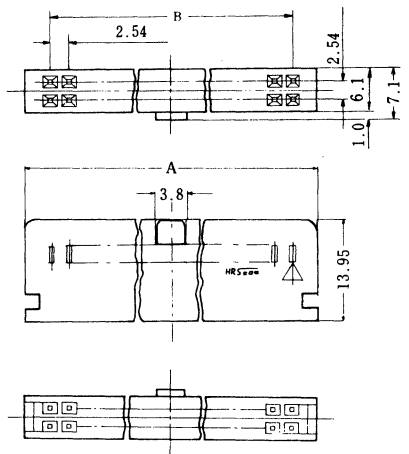
OUTLINE DRAWINGS

70R8



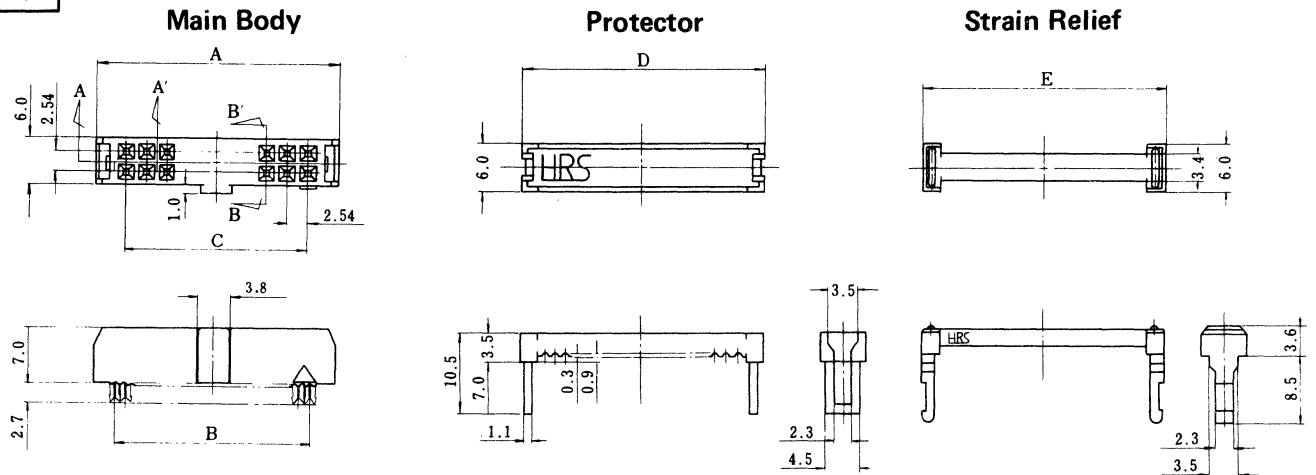
No. of pin	A	B
10	13.70 (0.539)	10.16 (0.400)
16	21.32 (0.839)	17.78 (0.700)
20	26.40 (1.039)	22.86 (0.900)
26	34.02 (1.339)	30.48 (1.200)
30	39.10 (1.539)	35.56 (1.400)
34	44.18 (1.739)	40.64 (1.600)
40	51.80 (2.039)	48.26 (1.900)
50	64.50 (2.539)	60.96 (2.400)
60	77.20 (3.039)	73.66 (2.900)

70R12

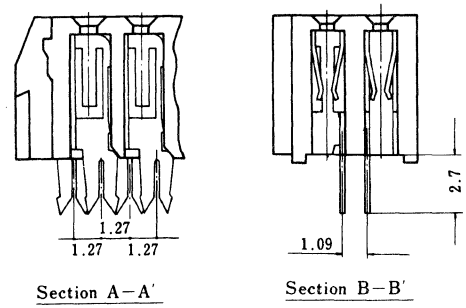


No. of pin	A	B
6	12.17 (.479)	5.08 (.200)
10	17.25 (.679)	10.16 (.400)
16	24.80 (.976)	17.78 (.700)
20	29.95 (1.179)	22.86 (.900)
26	37.55 (1.478)	30.48 (1.200)
30	42.63 (1.678)	35.56 (1.400)
34	47.75 (1.880)	40.64 (1.600)
40	55.35 (2.179)	48.26 (1.900)
50	68.04 (2.679)	60.96 (2.400)
60	80.77 (3.180)	73.66 (2.900)

70R9



Note: 50 & 60 pin type have two polarizing noses.

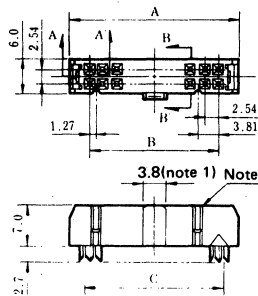


No. of pin	A	B	C	D	E
10	17.27 (.680)	11.43 (.450)	10.16 (.400)	17.27 (.680)	17.27 (.680)
16	24.89 (.980)	19.05 (.750)	17.78 (.700)	24.89 (.980)	24.89 (.980)
20	29.97 (1.180)	24.13 (.950)	22.86 (.900)	29.97 (1.180)	29.97 (1.180)
26	37.59 (1.480)	31.75 (1.250)	30.48 (1.200)	37.59 (1.480)	37.59 (1.480)
30	42.67 (1.680)	36.83 (1.450)	35.56 (1.400)	42.67 (1.680)	42.67 (1.680)
34	47.75 (1.880)	41.91 (1.650)	40.64 (1.600)	47.75 (1.880)	47.75 (1.880)
40	55.37 (2.180)	49.53 (1.950)	48.26 (1.900)	55.37 (2.180)	55.37 (2.180)
50	68.07 (2.680)	62.23 (2.450)	60.96 (2.400)	68.07 (2.680)	68.07 (2.680)
60	80.77 (3.180)	74.93 (2.950)	73.66 (2.900)	80.77 (3.180)	80.77 (3.180)

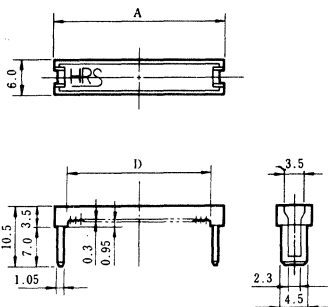
OUTLINE DRAWINGS

70R10

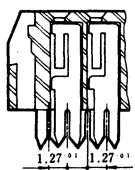
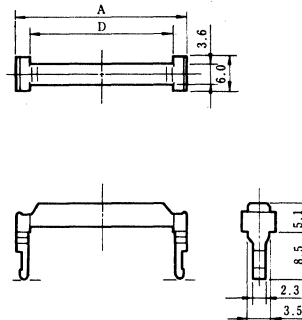
Socket Housing



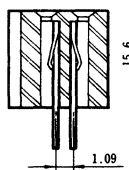
Protector



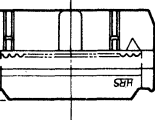
Strain Relief



Section A-A'



Section B-B'



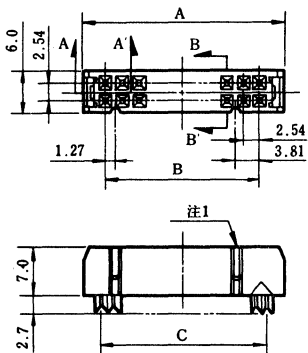
Assembled state

Note 1, Note 2: The numbers of polarizing nose and slots differs as to the number of pins. Refer to the following table.
 Note 3: Products of 50, 60, 64 pins are available in two types. Make selection with reference made to Note 1 and Note 2.

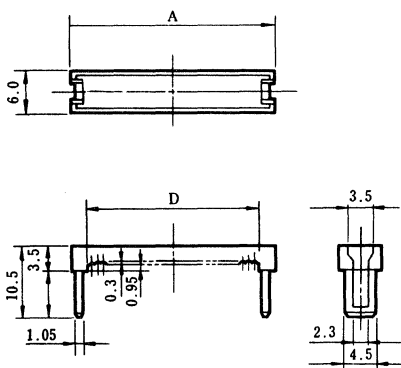
No. of contacts	mm (inch)				Polarizing nose	Polarizing slot	
	A	B	C	D			
10	17.27 (.680)	10.16 (.400)	11.43 (.450)	12.80 (.504)	1 at center	1 on LH side	
14	22.35 (.880)	15.24 (.700)	16.51 (.650)	17.80 (.704)			
16	24.89 (.980)	17.78 (.700)	19.05 (.750)	20.42 (.804)			
20	29.97 (1.180)	22.86 (.900)	24.13 (.950)	25.50 (1.004)			
26	37.59 (1.480)	30.48 (1.200)	31.75 (1.250)	33.12 (1.304)			
30	42.67 (1.680)	35.56 (1.400)	36.83 (1.450)	38.20 (1.504)			
34	47.75 (1.880)	40.64 (1.600)	41.91 (1.650)	43.28 (1.704)			
40	55.37 (2.180)	48.26 (1.900)	49.53 (1.950)	50.90 (2.004)			
50	68.07 (2.680)	60.96 (2.400)	62.23 (2.450)	63.60 (2.504)			1 each on LH and RH sides
50	68.07 (2.680)	60.96 (2.400)	62.23 (2.450)	63.60 (2.504)			1 at center
60	80.77 (3.180)	73.66 (2.900)	74.93 (2.950)	76.30 (3.004)	1 each on LH and RH sides		
60	80.77 (3.180)	73.66 (2.900)	74.93 (2.950)	76.30 (3.004)	1 at center		
64	85.85 (3.380)	78.74 (3.100)	80.01 (3.150)	81.38 (3.204)	1 each on LH and RH sides		
64	85.85 (3.380)	78.74 (3.100)	80.01 (3.150)	81.38 (3.204)	1 at center		

70R11

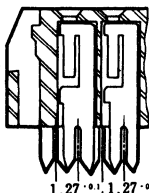
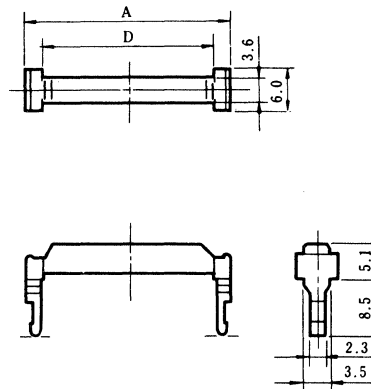
Socket Housing



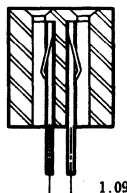
Protector



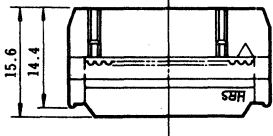
Strain Relief



Section A-A'



Section B-B'



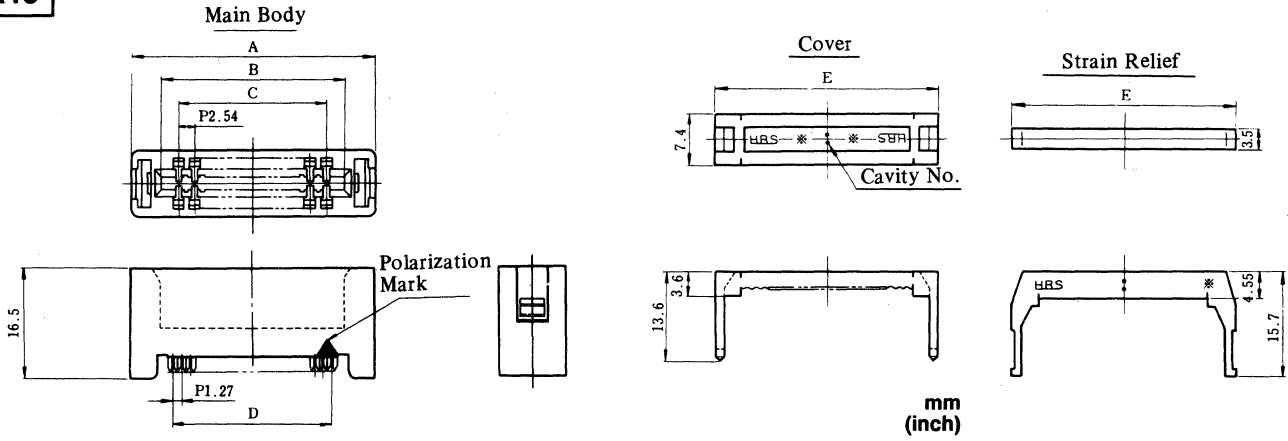
Assembled state

Note 1: The number of polarizing slots differs according to the number of contacts. Refer to the following table for details.

No. of contacts	mm (inch)				Polarizing slot	
	A	B	C	D		
10	17.27 (.680)	10.16 (.400)	11.43 (.450)	12.80 (.504)	1 on LH side	
14	22.35 (.880)	15.24 (.600)	16.51 (.650)	17.88 (.704)		
16	24.89 (.980)	17.78 (.700)	19.05 (.750)	20.42 (.804)		
20	29.97 (1.180)	22.86 (.900)	24.13 (.950)	25.50 (1.004)		
26	37.59 (1.480)	30.48 (1.200)	31.75 (1.250)	33.12 (1.304)		
30	42.67 (1.680)	35.56 (1.400)	36.83 (1.450)	38.20 (1.504)		
34	47.75 (1.880)	40.64 (1.600)	41.91 (1.650)	43.28 (1.704)		
40	55.37 (2.180)	48.26 (1.900)	49.53 (1.950)	50.90 (2.004)		
50	68.07 (2.680)	60.96 (2.400)	62.23 (2.450)	63.60 (2.504)		1 each on LH and RH side
60	80.77 (3.180)	73.66 (2.900)	74.93 (2.950)	76.30 (3.004)		
64	85.85 (3.380)	78.74 (3.100)	80.01 (3.150)	81.38 (3.204)		

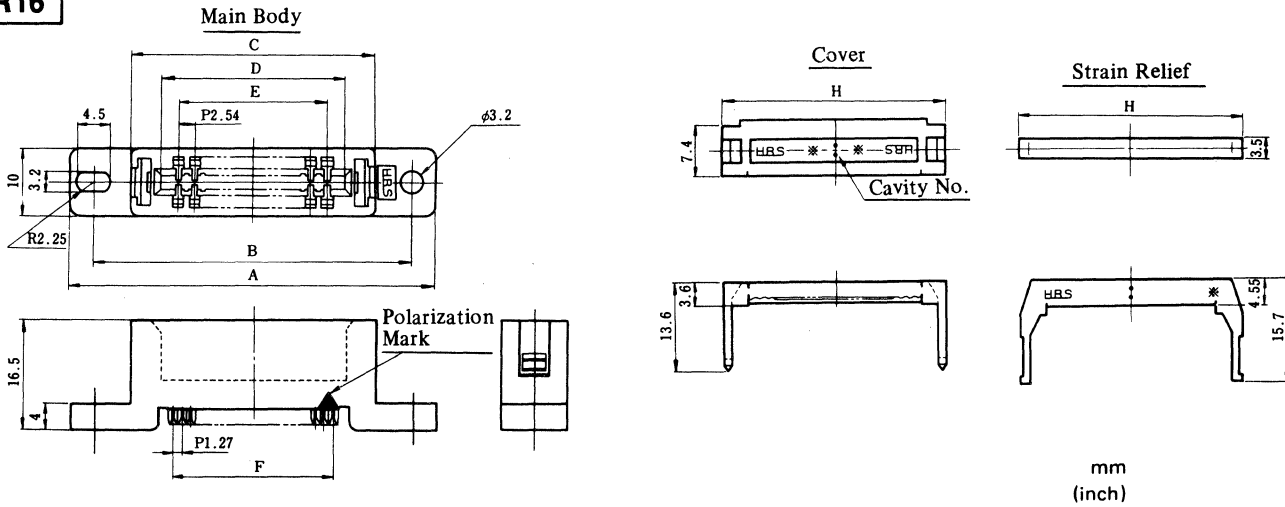
OUTLINE DRAWINGS

70R15



No. of Pin	A	B	C	D	E
20	36.04 (1.419)	28.04 (1.104)	22.86 (0.900)	24.13 (0.950)	33.54 (1.320)
26	43.66 (1.719)	35.66 (1.404)	30.48 (1.200)	31.75 (1.250)	41.16 (1.620)
34	53.82 (2.119)	45.82 (1.804)	40.64 (1.600)	41.91 (1.650)	51.32 (2.020)
40	61.44 (2.419)	53.44 (2.104)	48.26 (1.900)	49.53 (1.950)	58.94 (2.320)
50	74.14 (2.919)	66.14 (2.604)	60.96 (2.400)	62.23 (2.450)	71.64 (2.820)
60	86.84 (3.419)	78.84 (3.104)	73.66 (2.900)	74.93 (2.950)	84.34 (3.320)

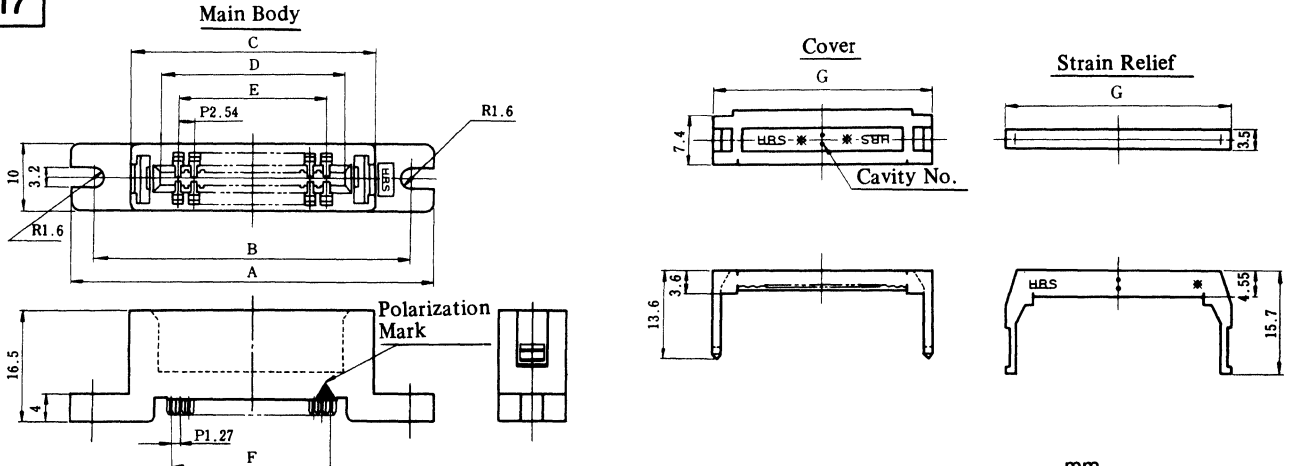
70R16



No. of Pin	A	B	C	D	E	F	G
20	56 (2.205)	48.26 (1.900)	36.04 (1.419)	28.04 (1.104)	22.86 (0.900)	24.13 (0.950)	33.54 (1.320)
26	63.62 (2.505)	55.88 (2.200)	43.66 (1.719)	35.66 (1.404)	30.48 (1.200)	31.75 (1.250)	41.16 (1.620)
34	73.78 (2.905)	66.04 (2.600)	53.82 (2.119)	45.82 (1.804)	40.64 (1.600)	41.91 (1.650)	51.32 (2.020)
40	81.4 (3.205)	73.66 (2.900)	61.44 (2.419)	53.44 (2.104)	48.26 (1.900)	49.53 (1.950)	58.94 (2.320)
50	94.1 (3.705)	86.36 (3.400)	74.14 (2.919)	66.14 (2.604)	60.96 (2.400)	62.23 (2.450)	71.64 (2.820)
60	106.8 (4.205)	99.06 (3.900)	86.84 (3.419)	78.84 (3.104)	73.66 (2.900)	74.93 (2.950)	84.34 (3.320)

OUTLINE DRAWINGS

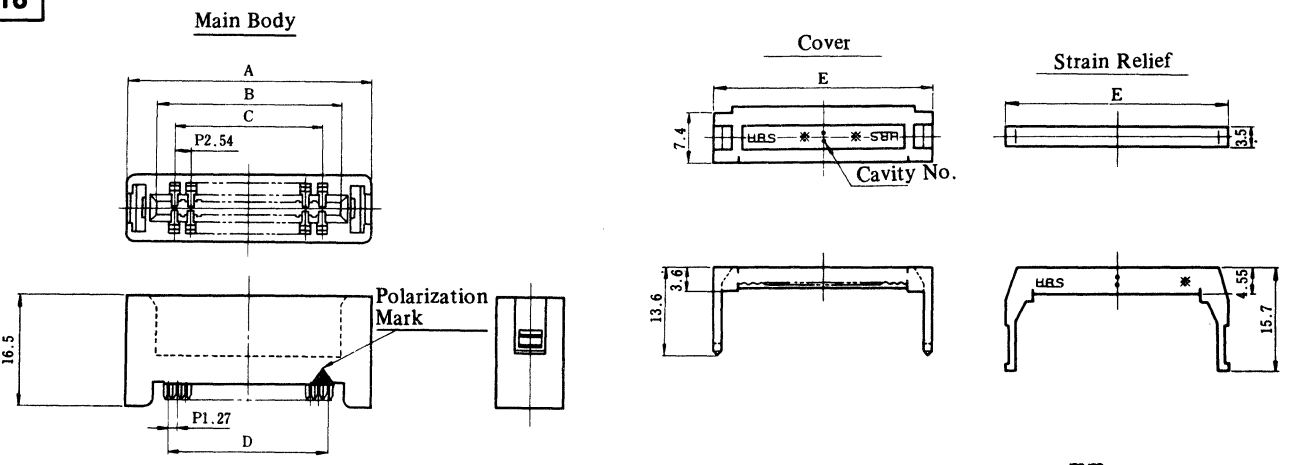
70R17



mm
(inch)

No. of Pin	A	B	C	D	E	F	G
20	50.8 (2.000)	45.72 (1.800)	36.04 (1.419)	28.04 (1.104)	22.86 (0.900)	24.13 (0.950)	33.54 (1.320)
26	58.42 (2.300)	53.34 (2.100)	43.66 (1.719)	35.66 (1.404)	30.48 (1.200)	31.75 (1.250)	41.16 (1.620)
34	68.58 (2.700)	63.5 (2.500)	53.82 (2.119)	45.82 (1.804)	40.64 (1.600)	41.91 (1.650)	51.32 (2.020)
40	76.2 (3.000)	71.12 (2.800)	61.44 (2.419)	53.44 (2.104)	48.26 (1.900)	49.53 (1.950)	58.94 (2.320)
50	88.9 (3.500)	83.82 (3.300)	74.14 (2.919)	66.14 (2.604)	60.96 (2.400)	62.23 (2.450)	71.64 (2.820)
60	101.6 (4.000)	96.52 (3.800)	86.84 (3.419)	78.84 (3.104)	73.66 (2.900)	74.93 (2.950)	84.34 (3.320)

70R18

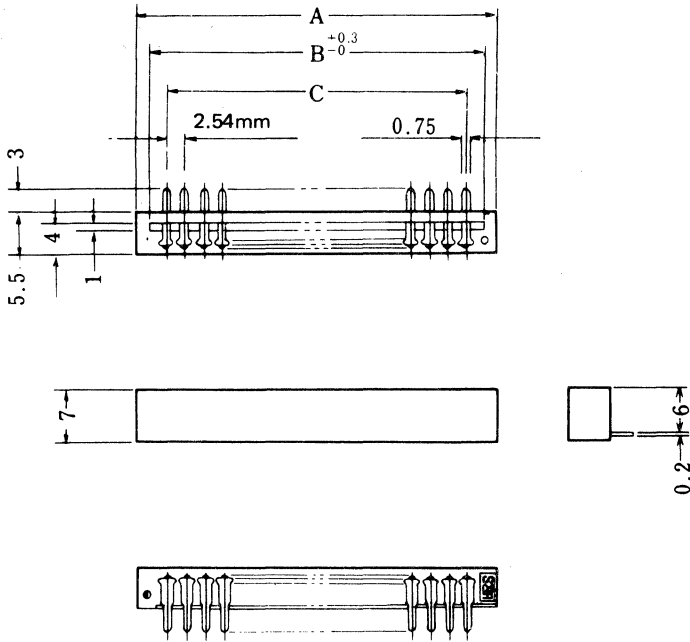


mm
(inch)

No. of Pin	A	B	C	D	E
20	36.04 (1.419)	28.04 (1.104)	22.86 (0.900)	24.13 (0.950)	33.54 (1.320)
26	43.66 (1.719)	35.66 (1.404)	30.48 (1.200)	31.75 (1.250)	41.16 (1.620)
34	53.82 (2.119)	45.82 (1.804)	40.64 (1.600)	41.91 (1.650)	51.32 (2.020)
40	61.44 (2.419)	53.44 (2.104)	48.26 (1.900)	49.53 (1.950)	58.94 (2.320)
50	74.14 (2.919)	66.14 (2.604)	60.96 (2.400)	62.23 (2.450)	71.64 (2.820)
60	86.84 (3.419)	78.84 (3.104)	73.66 (2.900)	74.93 (2.950)	84.34 (3.320)

OUTLINE DRAWINGS

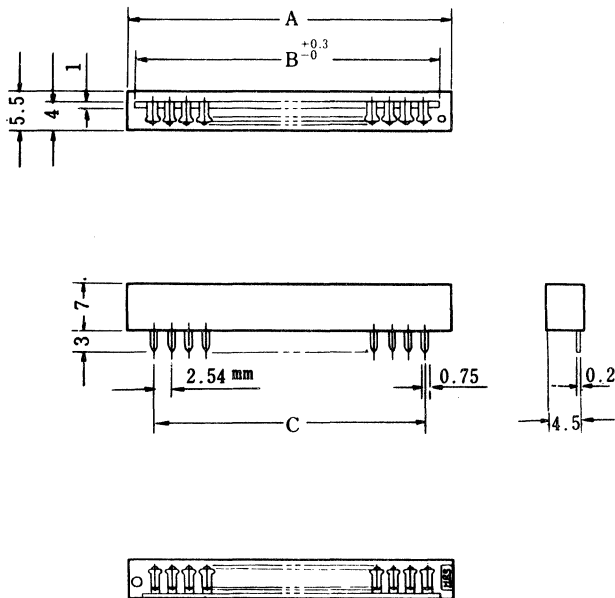
70R19



mm (inch)

No. of pin	A	B	C
8	26.00 (1.024)	23.01 (.906)	17.78 (.700)
9	28.50 (1.122)	25.55 (1.006)	20.32 (.800)
10	31.00 (1.220)	28.09 (1.106)	22.86 (.900)
11	33.60 (1.323)	30.63 (1.206)	25.40 (1.000)
12	36.10 (1.421)	33.17 (1.306)	27.94 (1.100)
13	38.70 (1.524)	35.71 (1.406)	30.48 (1.200)
14	41.30 (1.626)	38.25 (1.506)	33.02 (1.300)
15	43.80 (1.724)	40.79 (1.606)	35.56 (1.400)
16	46.30 (1.823)	43.33 (1.706)	38.10 (1.500)
17	48.80 (1.921)	45.87 (1.806)	40.64 (1.600)
18	51.40 (2.024)	48.41 (1.906)	43.18 (1.700)
19	53.90 (2.122)	50.95 (2.006)	45.72 (1.800)
20	56.40 (2.220)	53.49 (2.106)	48.26 (1.900)
21	59.00 (2.323)	56.03 (2.206)	50.80 (2.000)
22	61.50 (2.421)	58.57 (2.306)	53.34 (2.100)
27	73.00 (2.874)	70.00 (2.756)	66.04 (2.600)

70R20

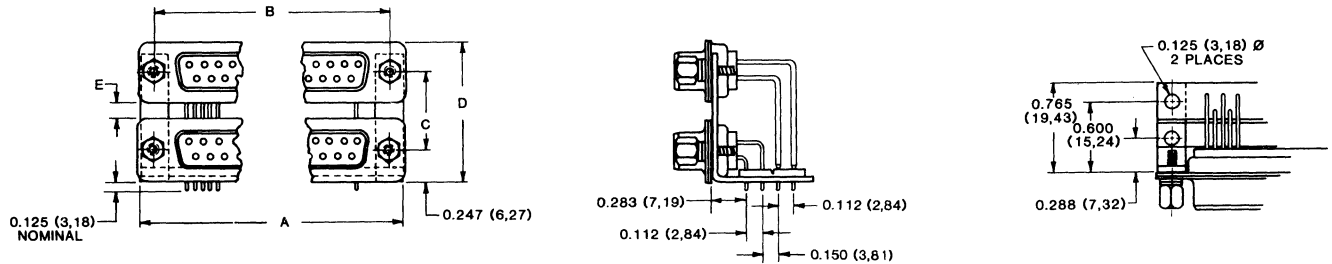


mm (inch)

No. of pin	A	B	C
8	26.00 (1.024)	23.01 (.906)	17.78 (.700)
9	28.50 (1.122)	25.55 (1.006)	20.32 (.800)
10	31.00 (1.220)	28.09 (1.106)	22.86 (.900)
11	33.60 (1.323)	30.63 (1.206)	25.40 (1.000)
12	36.10 (1.421)	33.17 (1.306)	27.94 (1.100)
13	38.70 (1.524)	35.71 (1.406)	30.48 (1.200)
14	41.30 (1.626)	38.25 (1.506)	33.02 (1.300)
15	43.80 (1.724)	40.79 (1.606)	35.56 (1.400)
16	46.30 (1.823)	43.33 (1.706)	38.10 (1.500)
17	48.80 (1.921)	45.87 (1.806)	40.64 (1.600)
18	51.40 (2.024)	48.41 (1.906)	43.18 (1.700)
19	53.90 (2.122)	50.95 (2.006)	45.72 (1.800)
20	56.40 (2.220)	53.49 (2.106)	48.26 (1.900)
21	59.00 (2.323)	56.03 (2.206)	50.80 (2.000)
22	61.50 (2.421)	58.57 (2.306)	53.34 (2.100)
27	73.00 (2.874)	70.00 (2.756)	66.04 (2.600)

OUTLINE DRAWINGS

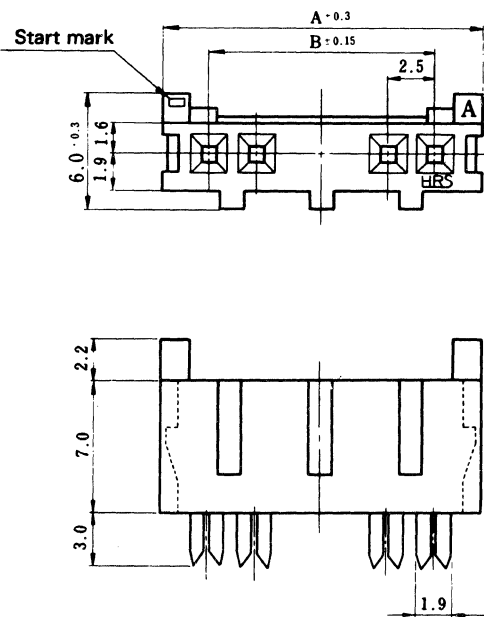
67R3



NUMBER OF CONTACTS	NO. OF CONTACTS	A	B
9	18	$\frac{1.204}{(30.58)}$	$\frac{0.984}{(24.99)}$
15	30	$\frac{1.532}{(38.91)}$	$\frac{1.312}{(33.32)}$
25	50	$\frac{2.072}{(52.63)}$	$\frac{1.852}{(47.04)}$
37	74	$\frac{2.720}{(69.09)}$	$\frac{2.500}{(63.50)}$

DRAWING VARIATION	C	D	E
67P3a	$\frac{0.625}{(15.88)}$	$\frac{1.119}{(28.42)}$	$\frac{0.131}{(3.33)}$
67P3b	$\frac{0.750}{(19.05)}$	$\frac{1.244}{(31.60)}$	$\frac{0.256}{(6.50)}$
67P3c	$\frac{0.900}{(22.86)}$	$\frac{1.394}{(35.41)}$	$\frac{0.406}{(10.31)}$

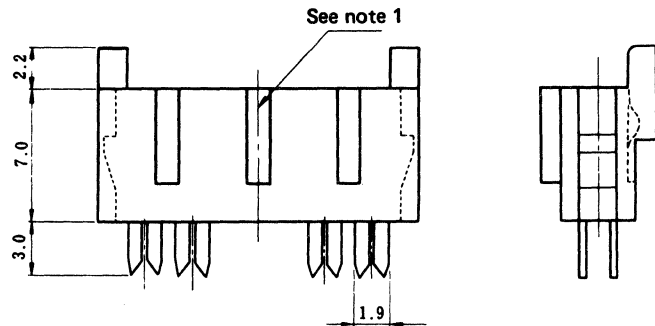
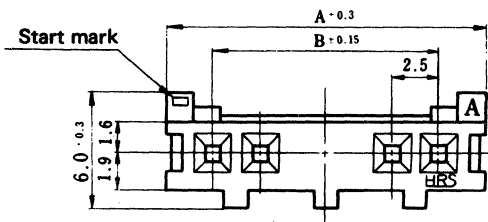
70R25



No. of pin	mm (inch)	
	A±0.3	B±0.15
2	8.0 (.315)	2.5 (0.098)
3	10.5 (.413)	5.0 (.197)
4	13.0 (.512)	7.5 (.295)
5	15.5 (.610)	10.0 (.394)
6	18.0 (.709)	12.5 (.492)
7	20.5 (.807)	15.0 (.591)
8	23.0 (.906)	17.5 (.689)
9	25.5 (1.004)	20.0 (.788)
10	28.0 (1.102)	22.5 (.886)
12	33.0 (1.300)	27.5 (1.083)
15	40.5 (1.594)	35.0 (1.378)
16	43.0 (1.693)	37.5 (1.476)
20	53.0 (2.087)	47.5 (1.870)

OUTLINE DRAWINGS

70R26

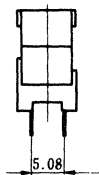
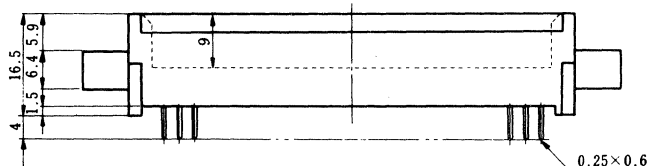
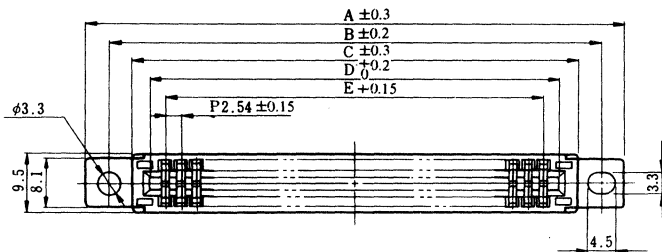


Note 1: Two polarizing noses at the center are provided for products of 3, 4, 5 and 6 pins. One polarizing nose is provided at the center for 2 pins.

mm (inch)

No. of pin	A±0.3	B±0.15
2	8.0 (.315)	2.5 (0.098)
3	10.5 (.413)	5.0 (.197)
4	13.0 (.512)	7.5 (.295)
5	15.5 (.610)	10.0 (.394)
6	18.0 (.709)	12.5 (.492)
7	20.5 (.807)	15.0 (.591)
8	23.0 (.906)	17.5 (.689)
9	25.5 (1.004)	20.0 (.788)
10	28.0 (1.102)	22.5 (.886)
12	33.0 (1.300)	27.5 (1.083)
15	40.5 (1.594)	35.0 (1.378)
16	43.0 (1.693)	37.5 (1.476)
20	53.0 (2.087)	47.5 (1.870)

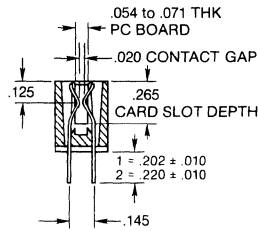
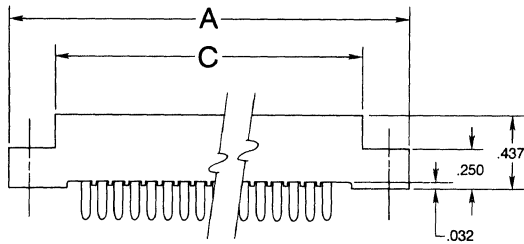
70R27



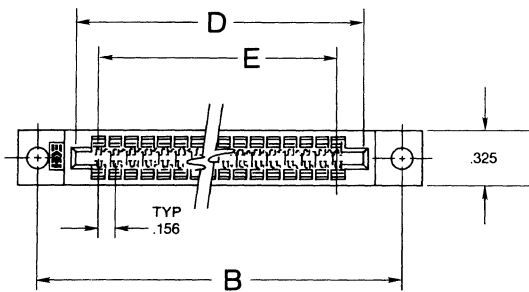
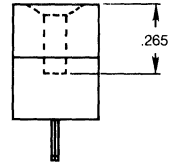
NO. OF CONTACTS	A	B	C	D	E	F
30	61.74	54.14	46.74	40.64	35.56	46.74
34	66.82	59.22	51.82	45.72	40.64	51.82
36	69.36	61.76	54.36	48.26	43.18	54.36
44	79.52	71.92	64.52	58.42	53.34	64.52
50	87.14	79.54	72.14	66.04	60.96	72.14
60	99.84	92.24	84.84	78.74	73.66	84.84
62	102.38	94.78	87.38	81.28	76.20	87.38
68	110.00	102.40	95.00	88.90	83.82	95.00
72	115.08	107.48	100.08	93.98	88.90	100.08
80	125.24	117.64	110.24	104.14	99.06	110.24
100	150.64	143.04	135.64	129.54	124.46	135.64

OUTLINE DRAWINGS

71R1

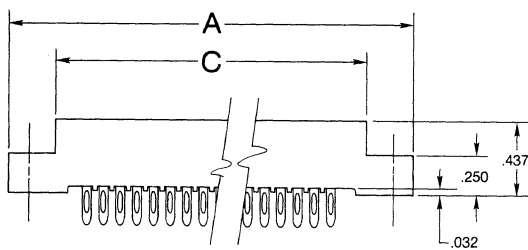
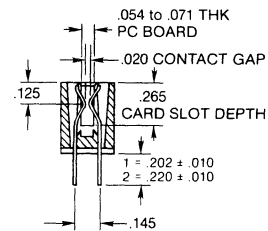
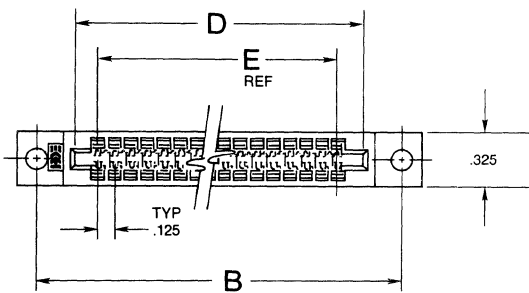


C2S, DS or PE
Single Read Out
All dimensions are the same as the C2D series.



No. of Contacts	DIMENSIONS					
	A	B	C	D	E	
06	6/12	1.781	1.531	1.218	1.078	.780
10	10/20	2.405	2.155	1.843	1.702	1.404
12	12/24	2.717	2.467	2.154	2.014	1.716
15	15/30	3.185	2.935	2.622	2.482	2.184
18	18/36	3.653	3.403	3.090	2.950	2.652
22	22/44	4.277	4.027	3.714	3.574	3.276
25	25/50	4.745	4.495	4.182	4.042	3.744
28	28/56	5.213	4.963	4.650	4.510	4.212
36	36/72	6.461	6.211	5.898	5.758	5.460
43	43/86	7.553	7.303	6.990	6.850	6.552

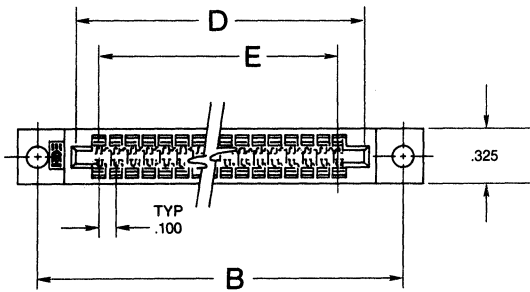
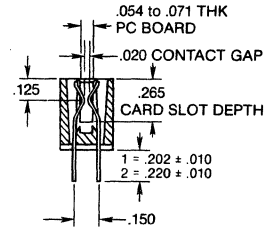
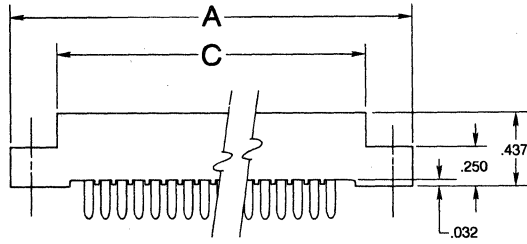
71R2



No. of Contacts	DIMENSIONS					
	A	B	C	D	E	
06	6/12	1.555	1.295	1.035	.875	.625
10	10/20	2.055	1.795	1.535	1.375	1.125
14	14/28	2.555	2.295	2.035	1.875	1.625
15	15/30	2.680	2.420	2.160	2.000	1.750
18	18/36	3.055	2.795	2.535	2.375	2.125
20	20/40	3.305	3.045	2.785	2.625	2.375
22	22/44	3.555	3.295	3.035	2.875	2.625
28	28/56	4.305	4.045	3.785	3.625	3.375
30	30/60	4.555	4.295	4.035	3.875	3.625
31	31/62	4.680	4.420	4.160	4.000	3.750
35	35/70	5.180	4.920	4.560	4.500	4.250
36	36/72	5.305	5.045	4.785	4.625	4.375
37	37/74	5.430	5.170	4.910	4.750	4.500
40	40/80	5.805	5.545	5.285	5.125	4.875
43	43/86	6.180	5.920	5.560	5.500	5.250
44	44/88	6.305	6.045	5.785	5.625	5.375
49	49/98	6.930	6.685	6.410	6.250	6.000
50	50/100	7.055	6.795	6.535	6.375	6.125

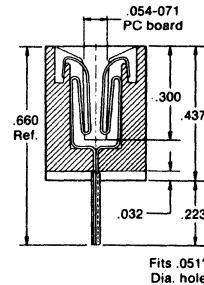
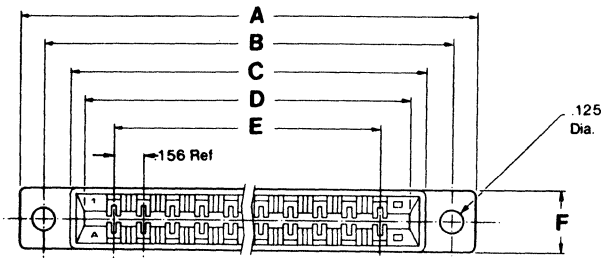
OUTLINE DRAWINGS

71R3



	No. of Contacts	DIMENSIONS				
		A	B	C	D	E
06	6/12	1.475	1.175	.868	.707	.500
10	10/20	1.875	1.575	1.268	1.107	.900
12	12/24	2.075	1.775	1.468	1.307	1.100
15	15/30	2.375	2.075	1.768	1.607	1.400
18	18/36	2.675	2.375	2.068	1.907	1.700
20	20/40	2.875	2.575	2.268	2.107	1.900
22	22/44	3.075	2.775	2.468	2.307	2.100
25	25/50	3.375	3.075	2.768	2.607	2.400
28	28/56	3.675	3.375	3.068	2.907	2.700
30	30/60	3.875	3.575	3.268	3.107	2.900
31	31/62	3.975	3.675	3.368	3.207	3.000
35	35/70	4.375	4.075	3.768	3.607	3.400
36	36/72	4.475	4.175	3.868	3.707	3.500
40	40/80	4.875	4.575	4.268	4.107	3.900
43	43/86	5.175	4.875	4.568	4.407	4.200
44	44/88	5.275	4.975	4.668	4.507	4.300
50	50/100	5.875	5.575	5.268	5.107	4.900

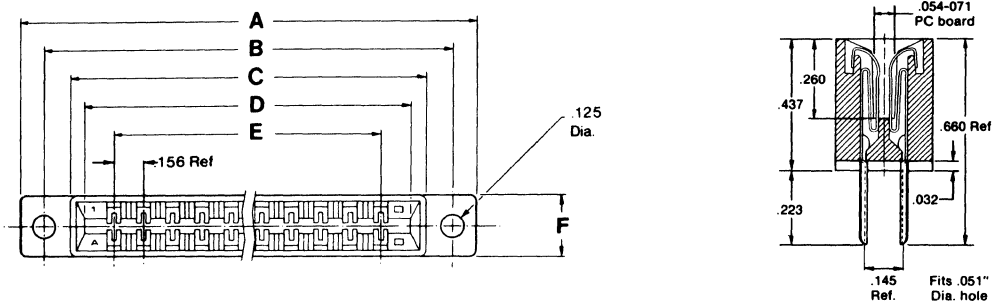
71R4



NUMBER OF CONTACTS	A (±.020)	B (±.010)	C (±.010)	D (±.010)	E (±.010)
12	1.781	1.531	1.218	1.078	.780
20	2.406	2.156	1.843	1.703	1.404
24	2.719	2.469	2.156	2.016	1.712
30	3.187	2.937	2.624	2.484	2.184
36	3.656	3.406	3.093	2.952	2.652
44	4.281	4.031	3.717	3.578	3.276
50	4.747	4.497	4.184	4.044	3.744

OUTLINE DRAWINGS

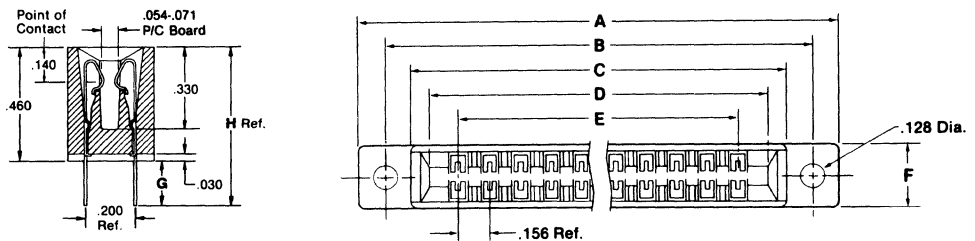
71R5



CONTACTS	A (±.020)	B (±.010)	C (±.010)	D (±.010)	E (±.010)	F (±.010)
12	1.781	1.531	1.218	1.078	.780	.325
20	2.406	2.156	1.843	1.703	1.404	.325
24	2.719	2.469	2.156	2.016	1.712	.325
30	3.187	2.937	2.624	2.484	2.184	.325
36	3.656	3.406	3.093	2.952	2.652	.325
44	4.281	4.031	3.717	3.578	3.276	.325
50	4.747	4.497	4.184	4.044	3.744	.325
56	5.214	4.964	4.652	4.532	4.212	.438
72	6.469	6.219	5.906	5.778	5.460	.438
86	7.552	7.302	7.000	6.802	6.552	.438

71R6

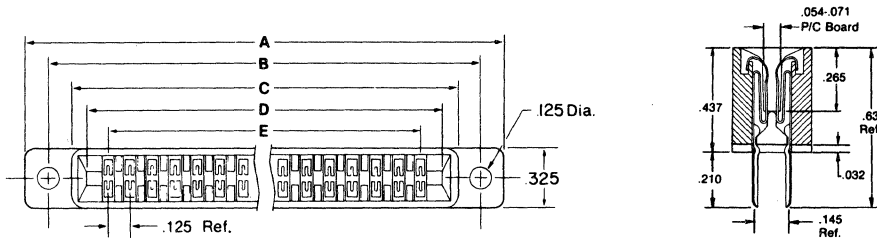
	G	H
DS	.155	.615
PE	.220	.680
SF	.155	.615



CONTACTS	A	B	C	D	E	F
12	1.785	1.531	1.239	1.100	.780	.340
20	2.409	2.155	1.863	1.724	1.404	.340
24	2.721	2.467	2.175	2.036	1.716	.340
30	3.189	2.935	2.643	2.504	2.184	.340
36	3.657	3.403	3.111	2.972	2.652	.340
44	4.281	4.027	3.735	3.596	3.276	.340
48	4.593	4.339	4.047	3.908	3.588	.340
50	4.749	4.495	4.203	4.064	3.744	.340
56	5.217	4.963	4.671	4.532	4.212	.438
72	6.465	6.211	5.919	5.780	5.460	.438
86	7.557	7.303	7.011	6.872	6.552	.438

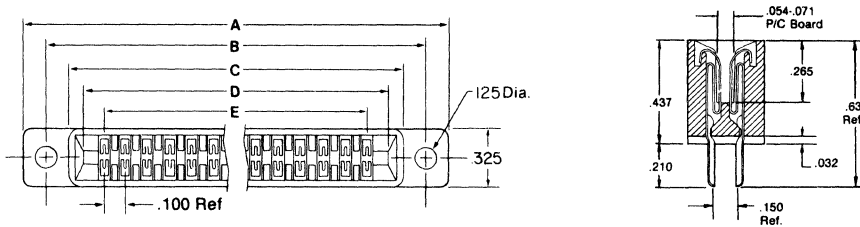
OUTLINE DRAWINGS

71R7



CONTACTS	A	B	C	D	E
20	2.055	1.795	1.535	1.375	1.125
30	2.680	2.420	2.160	2.000	1.750
44	3.555	3.295	3.035	2.875	2.625
50	3.930	3.670	3.410	3.250	3.000
56	4.305	4.045	3.785	3.625	3.375
60	4.555	4.295	4.035	3.875	3.625
62	4.680	4.420	4.160	4.000	3.750
72	5.305	5.045	4.785	4.625	4.375
80	5.805	5.545	5.285	5.125	4.875
86	6.180	5.920	5.660	5.500	5.250
100	7.055	6.795	6.535	6.375	6.125

71R8



CONTACTS	A	B	C	D	E
10	1.875	1.575	1.268	1.107	.900
30	2.375	2.075	1.768	1.607	1.400
36	2.675	2.375	2.068	1.907	1.700
40	2.875	2.575	2.268	2.107	1.900
44	3.075	2.775	2.468	2.307	2.100
50	3.375	3.075	2.768	2.607	2.400
56	3.675	3.375	3.068	2.907	2.700
60	3.875	3.575	3.268	3.107	2.900
72	4.475	4.175	3.868	3.707	3.500
80	4.875	4.575	4.268	4.107	3.900
86	5.175	4.875	4.568	4.407	4.200
100	5.875	5.575	5.268	5.107	4.900

OUTLINE DRAWINGS

71R9

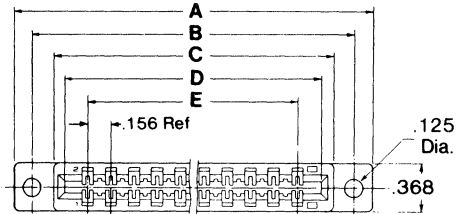
STANDARD CONTACT TAIL LENGTHS

Size	DS		SR	
	J	K	J	K
2	.160	.770	.180	.770
3	.220	.830		

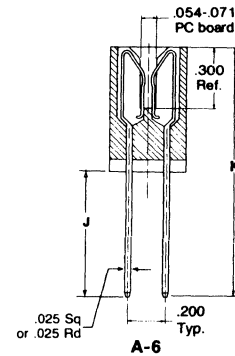
Consult factory for other lengths.

Size	WW	
	J	K
3	.560	1.170

DS = .025 sq. tail
 WW = .025 sq. tail
 SR = .025 rd. tail



CONTACTS	A (±.010)	B (±.006)	C (±.008)	D (±.005)	E (±.004)
20	2.408	2.158	1.845	1.724	1.404
24	2.720	2.470	2.157	2.036	1.716
30	3.188	2.938	2.625	2.504	2.184
36	3.656	3.406	3.093	2.972	2.652
44	4.280	4.030	3.717	3.596	3.276
50	4.748	4.498	4.185	4.064	3.744
56	5.216	4.966	4.653	4.532	4.212
72	6.464	6.214	5.901	5.780	5.460
86	7.556	7.306	6.993	6.872	6.552



71R10

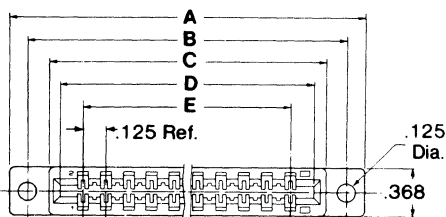
STANDARD CONTACT TAIL LENGTHS

Size	DS		SR	
	J	K	J	K
2	.160	.770	.180	.770
3	.220	.830		

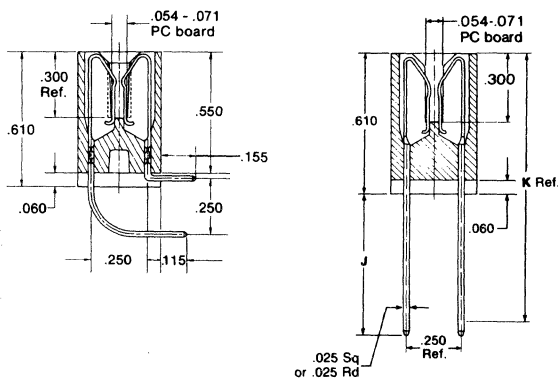
Size	WW	
	J	K
3	.560	1.170

DS = .025 sq. tail
 WW = .025 sq. tail
 SR = .025 rd. tail

Consult factory for other lengths.



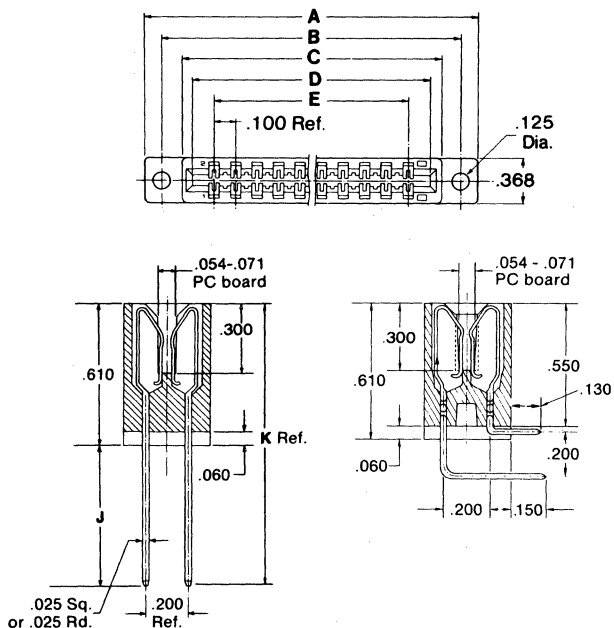
RIGHT ANGLE TAILS



CONTACTS	A (±.010)	B (±.006)	C (±.008)	D (±.005)	E (±.004)
12	1.555	1.295	1.035	0.875	0.625
20	2.055	1.795	1.535	1.375	1.125
30	2.680	2.420	2.160	2.000	1.750
36	3.055	2.795	2.535	2.375	2.125
40	3.305	3.045	2.785	2.625	2.375
42	3.555	3.295	3.035	2.875	2.625
50	3.930	3.670	3.410	3.250	3.000
56	4.305	4.045	3.785	3.625	3.375
60	4.555	4.295	4.035	3.875	3.625
70	5.180	4.920	4.660	4.500	4.250
72	5.305	5.045	4.785	4.625	4.375
80	5.805	5.545	5.285	5.125	4.875
86	6.180	5.920	5.660	5.500	5.250
100	7.055	6.795	6.535	6.375	6.125

OUTLINE DRAWINGS

71R11



CONTACTS	A (±.010)	B (±.006)	C (±.008)	D (±.005)	E (±.004)
20	1.835	1.575	1.260	1.100	.900
24	2.035	1.775	1.460	1.300	1.100
30	2.335	2.075	1.760	1.600	1.400
36	2.635	2.375	2.060	1.900	1.700
40	2.835	2.575	2.260	2.100	1.900
44	3.035	2.775	2.460	2.300	2.100
50	3.335	3.075	2.760	2.600	2.400
56	3.635	3.375	3.060	2.900	2.700
60	3.835	3.575	3.260	3.100	2.900
62	3.935	3.675	3.360	3.200	3.100
70	4.335	4.075	3.760	3.600	3.400
72	4.435	4.175	3.860	3.700	3.500
80	4.835	4.575	4.260	4.100	3.900
86	5.135	4.875	4.560	4.400	4.200
88	5.235	4.975	4.660	4.500	4.300
100	5.835	5.575	5.260	5.100	4.900
120	6.835	6.575	6.260	6.100	5.900
130	7.335	7.075	6.760	6.600	6.400

STANDARD CONTACT TAIL LENGTHS

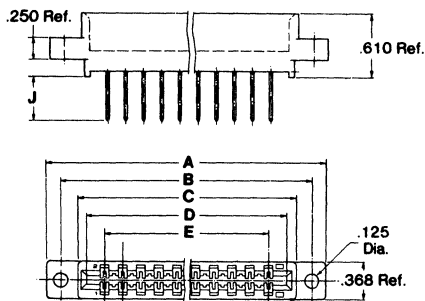
Size	DS		SR	
	J	K	J	K
2	.160	.770	.180	.770
3	.220	.830		

Size	WW	
	J	K
3	.560	1.170

DS = .025 sq. tail
 WW = .025 sq. tail
 SR = .025 rd. rail

Consult factory for other lengths.

71R12



CONTACTS	A (±.010)	B (±.006)	C (±.008)	D (±.005)	E (±.004)
12	1.435	1.175	0.860	0.700	0.500
20	1.835	1.575	1.260	1.100	.900
24	2.035	1.775	1.460	1.300	1.100
30	2.335	2.075	1.760	1.600	1.400
40	2.835	2.575	2.260	2.100	1.900
44	3.035	2.775	2.460	2.300	2.100
50	3.335	3.075	2.760	2.600	2.400
56	3.635	3.375	3.060	2.900	2.700
60	3.835	3.575	3.260	3.100	2.900
62	3.935	3.675	3.360	3.200	3.000
70	4.335	4.075	3.760	3.600	3.400
72	4.435	4.175	3.860	3.700	3.500
80	4.835	4.575	4.260	4.100	3.900
86	5.135	4.875	4.560	4.400	4.200
100	5.835	5.575	5.260	5.100	4.900
104	6.035	5.775	5.460	5.300	5.100
120	6.835	6.575	6.260	6.100	5.900

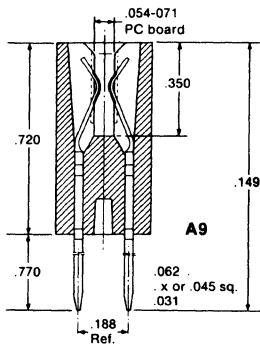
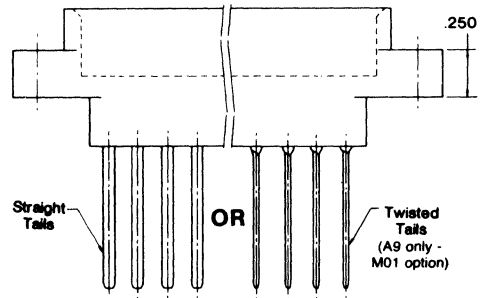
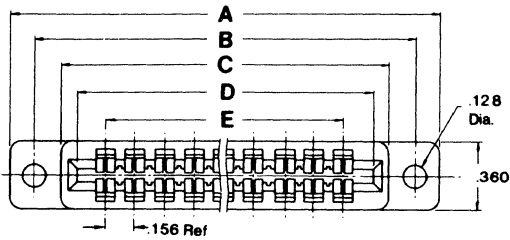
STANDARD CONTACT TAIL LENGTHS

Size	DS	
	J	K
1	.130	.740
2	.140	.750
3	.160	.770
4	.220	.830

DS = .024 x .012

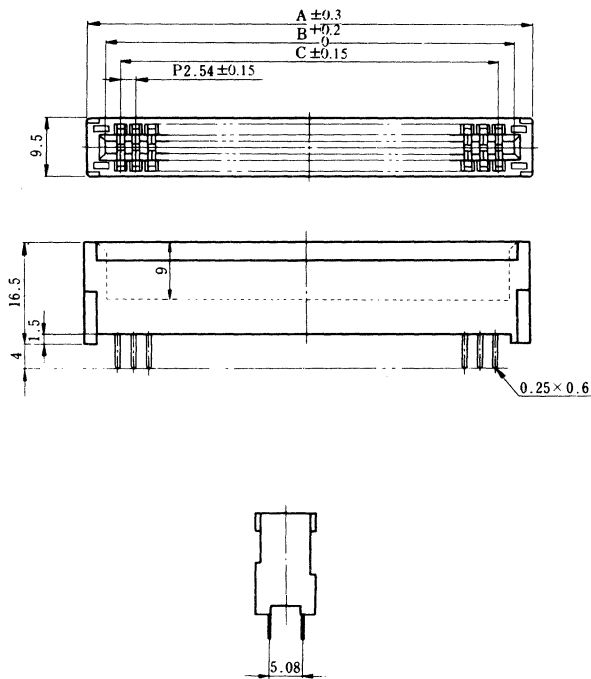
OUTLINE DRAWINGS

71R13



CONTACTS	A (±.010)	B (±.006)	C (±.008)	D (±.005)	E (±.004)
20	2.406	2.158	1.876	1.724	1.404
30	3.188	2.938	2.656	2.504	2.184
36	3.654	3.406	3.124	2.972	2.652
44	4.280	4.030	3.748	3.596	3.276
56	5.214	4.966	4.684	4.532	4.212
60	5.528	5.278	4.996	4.844	4.524
62	5.684	5.434	5.152	5.000	4.680
72	6.462	6.214	5.932	5.780	5.460
80	7.088	6.838	6.556	6.404	6.084
86	7.554	7.306	7.024	6.872	6.552

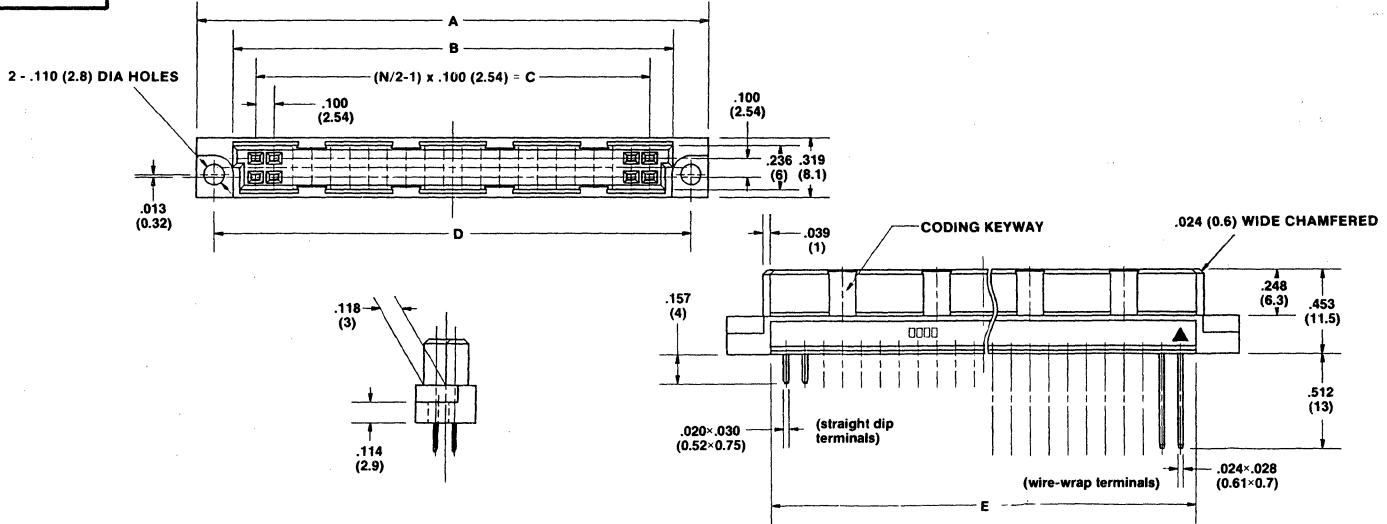
70R28



NO. OF CONTACTS	A	B	C
30	46.74	40.64	35.56
34	51.82	45.72	40.64
36	54.36	48.26	43.18
44	64.52	58.42	53.34
50	72.14	66.04	60.96
60	84.84	78.74	73.66
62	87.38	81.28	76.20
68	95.00	88.90	83.82
72	100.8	93.98	88.90
80	110.24	104.14	99.06
100	135.64	129.54	124.46

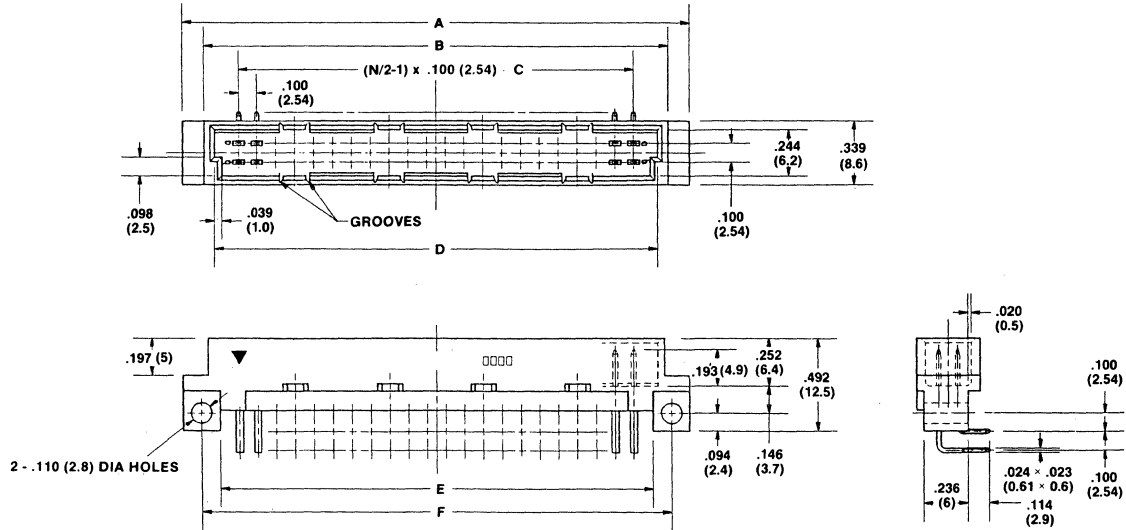
OUTLINE DRAWINGS

71R20



No. of positions (N)	A	B	C	D	E	Coding positions
20	1.532 (38.92)	1.146 (29.12)	.900 (22.86)	1.343 (34.12)	1.065 (27.06)	3, 8
32	2.132 (54.16)	1.746 (44.36)	1.500 (38.10)	1.943 (49.36)	1.665 (42.30)	5, 12
44	2.732 (69.40)	2.346 (59.60)	2.100 (53.34)	2.543 (64.60)	2.265 (57.54)	4, 9, 14, 19
50	3.032 (77.02)	2.646 (67.22)	2.400 (60.96)	2.843 (72.22)	2.565 (65.16)	5, 10, 15, 20
64	3.732 (94.80)	3.346 (85.00)	3.100 (78.74)	3.543 (90.00)	3.265 (82.94)	6, 13, 20, 27
100	5.532 (140.52)	5.146 (130.72)	4.900 (124.46)	5.343 (135.72)	5.065 (128.66)	10, 20, 30, 40

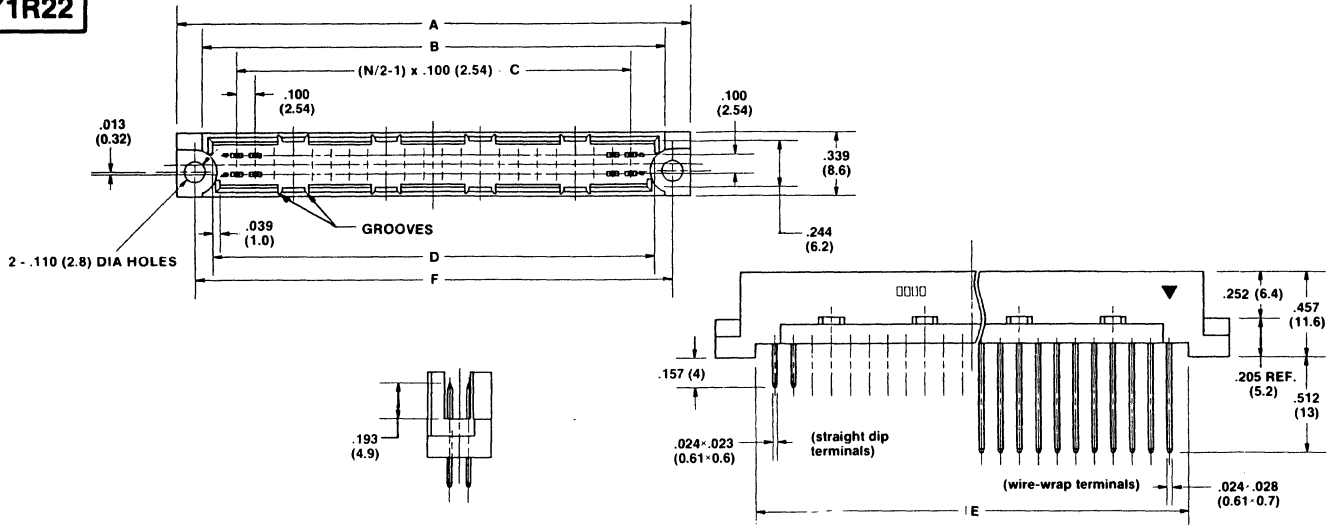
71R21



No. of positions (N)	A	B	C	D	E	F	Coding positions
20	1.493 (37.92)	1.265 (32.12)	.900 (22.86)	1.154 (29.32)	1.105 (28.06)	1.300 (33.02)	3, 8
32	2.093 (53.16)	1.865 (47.36)	1.500 (38.10)	1.754 (44.56)	1.705 (43.30)	1.900 (48.26)	5, 12
44	2.693 (68.40)	2.465 (62.60)	2.100 (53.34)	2.354 (59.80)	2.305 (58.54)	2.500 (63.50)	4, 9, 14, 19
50	2.993 (76.02)	2.765 (70.22)	2.400 (60.96)	2.654 (67.42)	2.605 (66.16)	2.800 (71.12)	5, 10, 16, 21
64	3.693 (93.80)	3.465 (88.00)	3.100 (78.74)	3.354 (85.20)	3.305 (83.94)	3.500 (88.90)	6, 13, 20, 27
100	5.493 (139.52)	5.265 (133.72)	4.900 (124.46)	5.154 (130.92)	5.105 (129.66)	5.300 (134.62)	10, 20, 31, 41

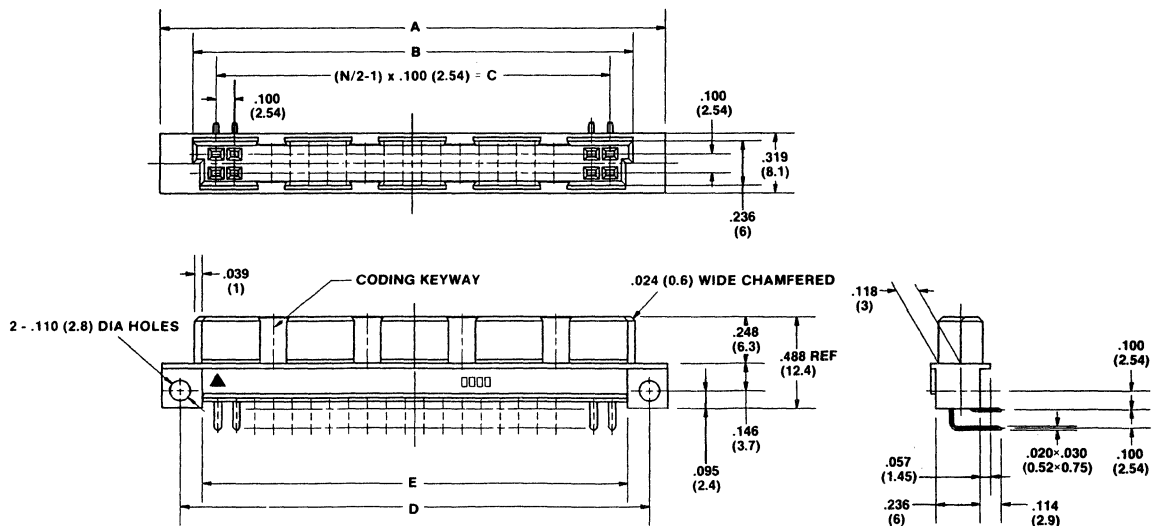
OUTLINE DRAWINGS

71R22



No. of positions (N)	A	B	C	D	E	F	Coding positions
20	1.532 (38.92)	1.265 (32.12)	.900 (22.86)	1.154 (29.32)	1.105 (28.06)	1.343 (34.12)	3, 8
32	2.132 (54.16)	1.865 (47.36)	1.500 (38.10)	1.754 (44.56)	1.705 (43.30)	1.943 (49.36)	5, 12
44	2.732 (69.40)	2.465 (62.60)	2.100 (53.34)	2.354 (59.80)	2.305 (58.54)	2.543 (64.60)	4, 9, 14, 19
50	3.032 (77.02)	2.765 (70.22)	2.400 (60.96)	2.654 (67.42)	2.605 (66.16)	2.843 (72.22)	5, 10, 15, 20
64	3.732 (94.80)	3.465 (88.00)	3.100 (78.74)	3.354 (85.20)	3.305 (83.94)	3.543 (90.00)	6, 13, 20, 27
100	5.532 (140.52)	5.265 (133.72)	4.900 (124.46)	5.154 (130.92)	5.105 (129.66)	5.343 (135.72)	10, 20, 30, 40

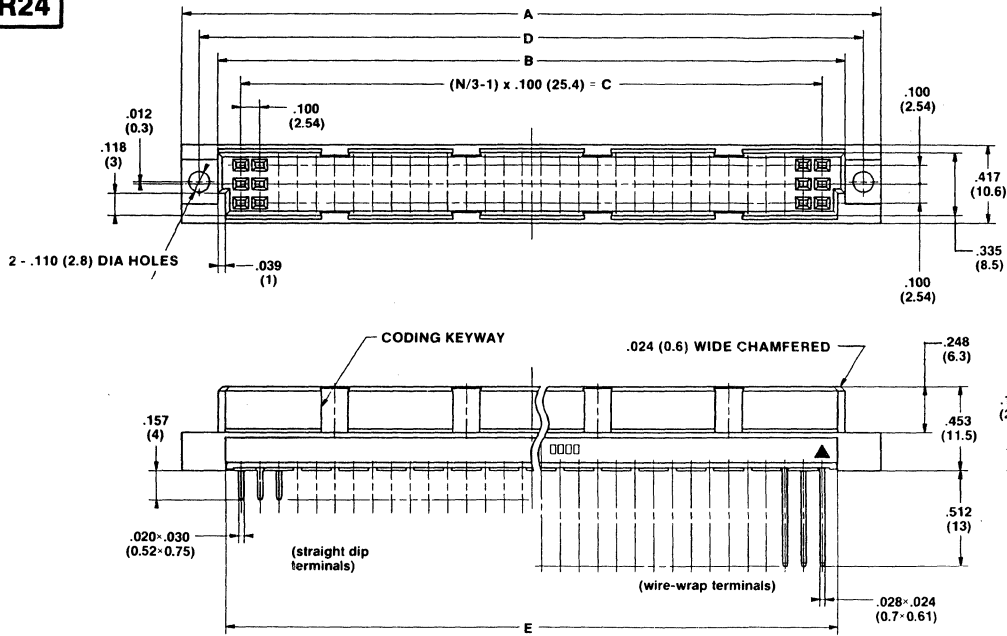
71R23



No. of positions (N)	A	B	C	D	E	Coding positions
20	1.493 (37.92)	1.146 (29.12)	.900 (22.86)	1.300 (33.02)	1.065 (27.06)	3, 8
32	2.093 (53.16)	1.746 (44.36)	1.500 (38.10)	1.900 (48.26)	1.665 (42.30)	5, 12
44	2.693 (68.40)	2.346 (59.60)	2.100 (53.34)	2.500 (63.50)	2.265 (57.54)	4, 9, 14, 19
50	2.993 (76.02)	2.646 (67.22)	2.400 (60.96)	2.800 (71.12)	2.565 (65.16)	5, 10, 15, 20
64	3.693 (93.80)	3.346 (85.00)	3.100 (78.74)	3.500 (88.90)	3.264 (82.94)	6, 13, 20, 27
100	5.493 (139.52)	5.146 (130.72)	4.900 (124.46)	5.300 (134.62)	5.065 (128.66)	10, 20, 30, 40

OUTLINE DRAWINGS

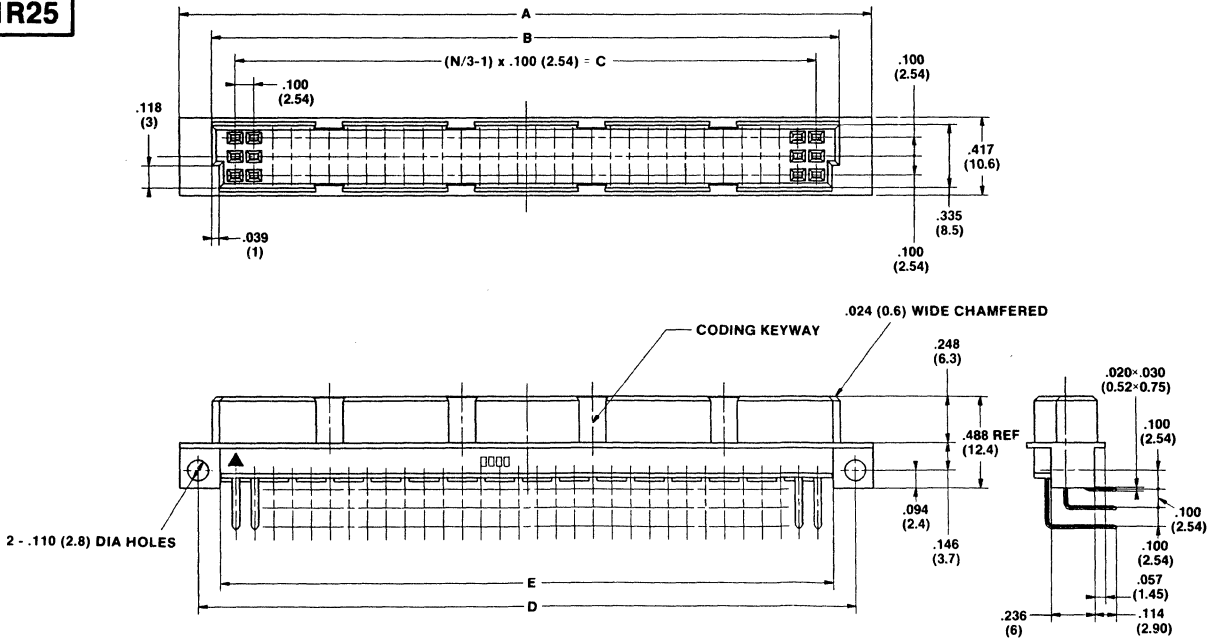
71R24



No. of positions (N)	A	B	C	D	E	Coding positions
48	2.132 (54.16)	1.746 (44.36)	1.500 (38.10)	1.943 (49.36)	1.665 (42.30)	5. 12
64	3.732 (94.80)	3.346 (85.00)	3.100 (78.74)	3.543 (90.00)	3.265 (82.94)	6. 13. 20. 27
96	3.732 (94.80)	3.346 (85.00)	3.100 (78.74)	3.543 (90.00)	3.265 (82.94)	6. 13. 20. 27

NOTE: In the 64-position type, the center row (i.e., row b in the above figures) is excluded.

71R25

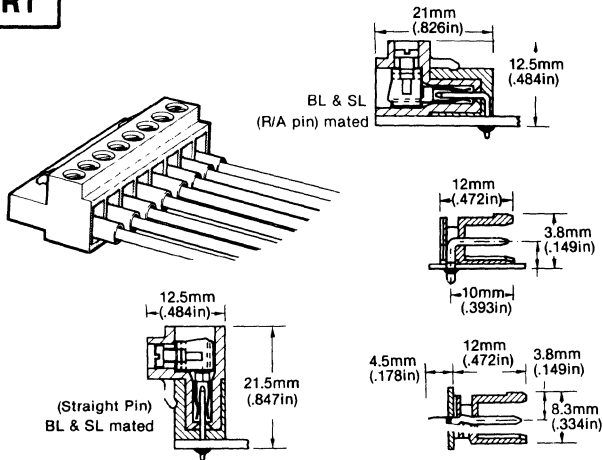


No. of positions (N)	A	B	C	D	E	Coding positions
48	3.093 (53.16)	1.746 (44.36)	1.500 (38.10)	1.900 (48.26)	1.665 (42.30)	5. 12
64	3.693 (93.80)	3.346 (85.00)	3.100 (78.74)	3.500 (88.90)	3.265 (82.94)	6. 13. 20. 27
96	3.693 (93.80)	3.346 (85.00)	3.100 (78.74)	3.500 (88.90)	3.265 (82.94)	6. 13. 20. 27

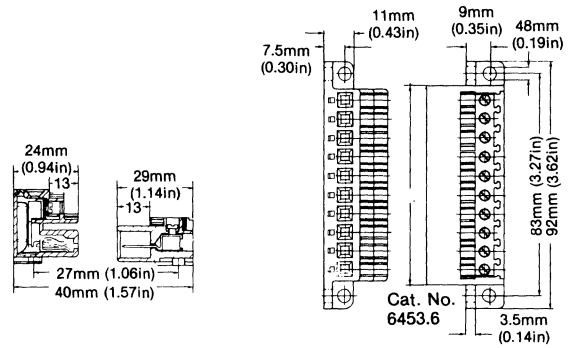
NOTE: In the 64-position type, the center row (i.e., row b in the above figures) is excluded.

OUTLINE DRAWINGS

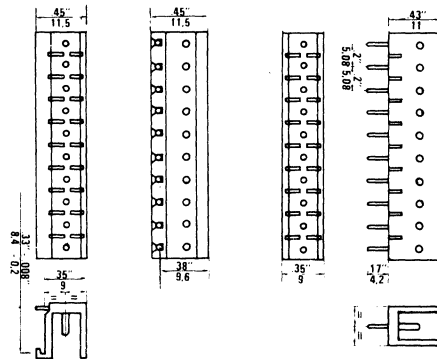
72R1



72R2

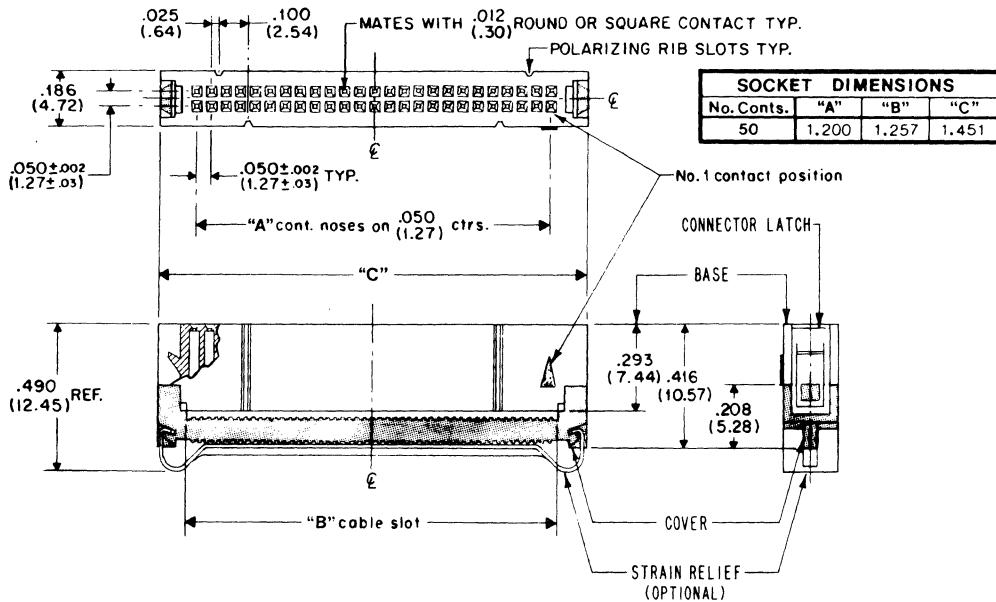


78R1



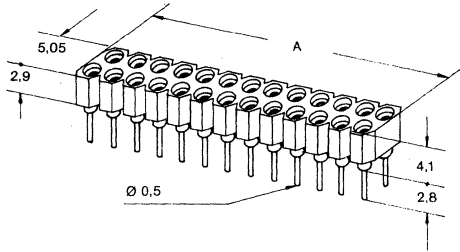
FEMALE TYPE	CAT NO. FOR USE WITH SL	MALE TYPE	VERTICAL CAT NO.	HORIZ. CAT NO.	LENGTH (mm)	(in)
BL2	12591.6	SL2	1113.6	1126.6	10	.39
BL3	12592.6	SL3	1112.6	1125.6	15	.59
BL4	12593.6	SL4	1111.6	1124.6	20	.79
BL5	12594.6	SL5	1110.6	1123.6	25	.98
BL6	12595.6	SL6	1109.6	1122.6	30	1.18
BL7	12596.6	SL7	1108.6	1121.6	35	1.37
BL8	12597.6	SL8	1107.6	1120.6	40	1.57
BL9	12598.6	SL9	1106.6	1119.6	45	1.77
BL10	12599.6	SL10	1105.6	1118.6	50	1.97
BL11	12600.6	SL11	1104.6	1117.6	55	2.16
BL12	12601.6	SL12	1103.6	1116.6	60	2.36
BL13	12602.6	SL13	1102.6	1115.6	65	2.56
BL14	12603.6	SL14	1101.6	1114.6	70	2.76
BL15	12604.6	SL15	6922.6	6923.6	75	2.95

81R1



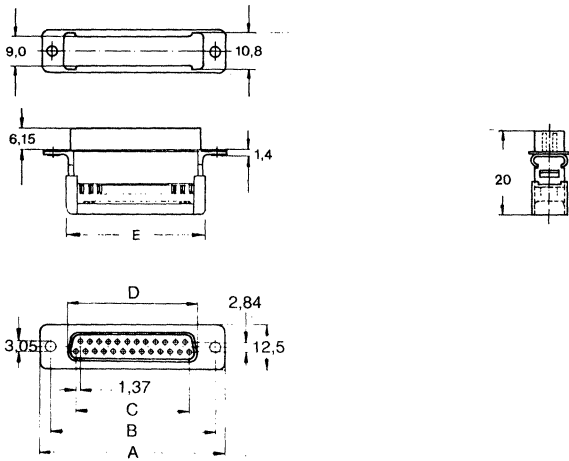
OUTLINE DRAWINGS

79R1



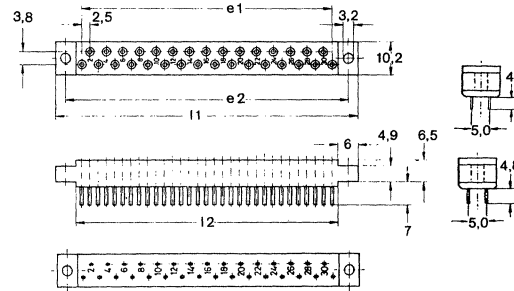
No. of contacts	Dim. A
10	12,70
14	17,78
16	20,32
20	25,40
26	33,02
34	43,18
40	50,80
50	63,50
60	76,20
64	81,28

79R2



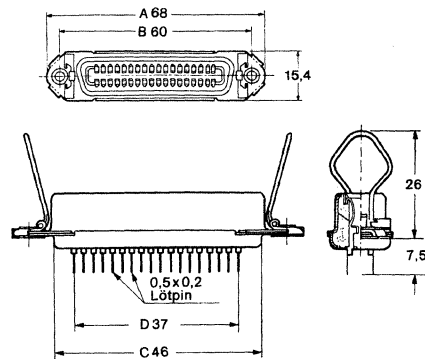
Polzahl Contacts	A	B	C	D	E
9	30,8	25,00	10,96	16,30	18,4
15	39,1	33,32	19,33	24,50	26,7
25	53,1	47,04	33,13	38,30	40,5
37	69,5	63,50	49,70	54,80	56,9

79R3

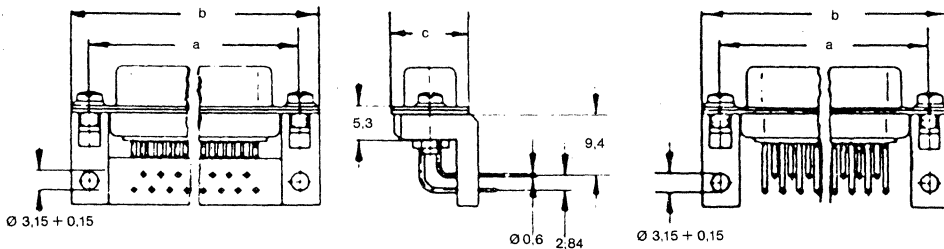


Contacts	L 1	L 2	e 1	e 2
13	45,8	34,2	30	40
21	65,8	54,2	50	60
31	90,8	78,2	75	85

79R9



79R6

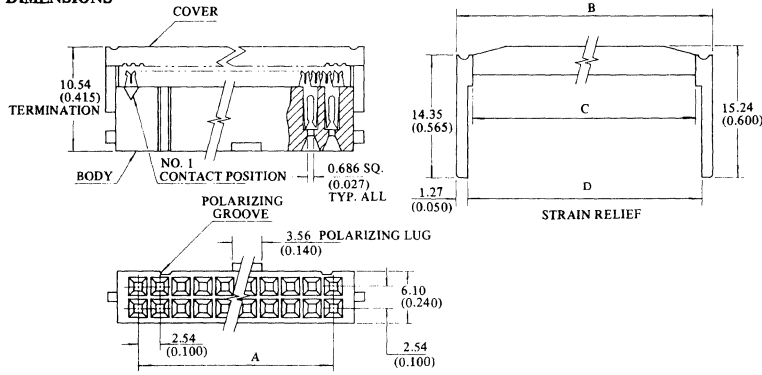


No. of ways	a	b	c
9	25,0	30,8	12,5
15	33,3	39,2	12,5
25	47,0	53,0	12,5
37	63,5	69,4	12,5
50	61,1	67,0	15,4

OUTLINE DRAWINGS

86R1

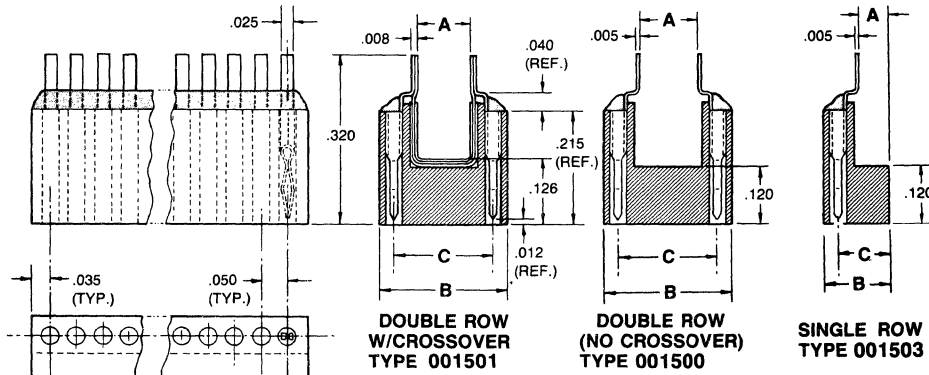
DIMENSIONS



NO. OF CONTACTS	DIM. A	DIM. B	DIM. C	DIM. D
10	10.16 (0.40)	17.27 (0.68)	13.21 (0.52)	14.73 (0.58)
14	15.24 (0.60)	22.35 (0.88)	18.29 (0.72)	19.81 (0.78)
16	17.78 (0.70)	24.89 (0.98)	20.83 (0.82)	22.35 (0.88)
20	22.86 (0.90)	29.97 (1.18)	25.91 (1.02)	27.43 (1.08)
26	30.48 (1.20)	37.59 (1.48)	33.53 (1.32)	35.05 (1.38)
30	35.56 (1.40)	42.67 (1.68)	38.61 (1.52)	40.13 (1.58)
34	40.64 (1.60)	47.75 (1.88)	43.69 (1.72)	45.21 (1.78)
36	43.18 (1.70)	50.29 (1.98)	46.23 (1.82)	47.75 (1.88)
40	48.26 (1.90)	55.37 (2.18)	51.31 (2.02)	52.83 (2.08)
50	60.96 (2.40)	68.07 (2.68)	64.01 (2.52)	65.53 (2.58)
60	73.66 (2.90)	80.77 (3.18)	76.71 (3.02)	78.23 (3.08)
64	78.74 (3.10)	85.85 (3.38)	81.79 (3.22)	83.31 (3.28)

No. of ways	Dimensions mm (max)						Panel cut out dimensions mm ± 0.13mm	Old order code New order Code
	E	F	G	H	J	K		
2	22,1	25,0	14,0	13,5	11,5	11,6	TST02RA00-1	
							229-90036G	
3	27,2	25,0	14,0	13,5	16,5	11,6	TST03RA00-1	
							229-23601B	
4	32,3	25,0	14,0	13,5	21,7	11,6	TST04RA00-1	
							229-90038A	
6	27,2	25,0	19,0	13,5	16,5	16,7	TST06RA00-1	
							229-23602K	
12	27,2	25,0	29,0	13,5	16,7	26,7	TST12RA00-1	
							229-23603G	
24	32,3	25,0	39,0	13,5	21,7	36,9	TST24R00-1	
							229-23604D	
36	57,7	25,0	29,0	13,5	47,2	26,7	TST36RA00-1	
							229-23605A	

80R1



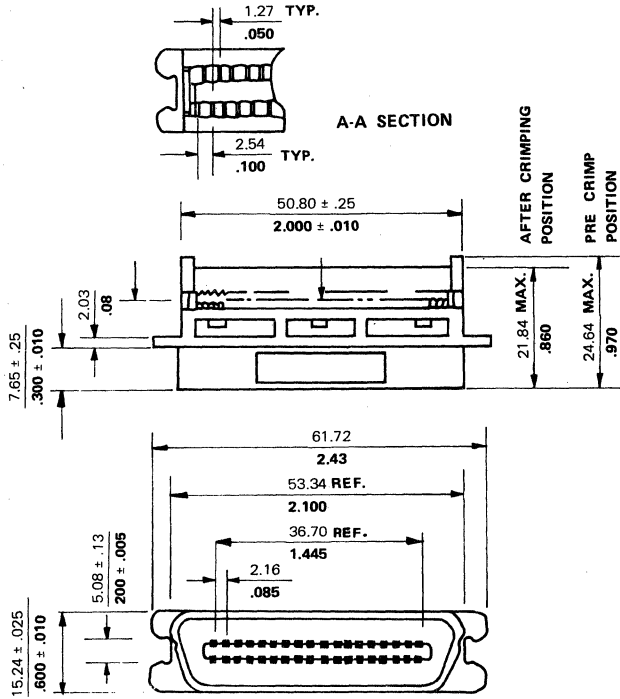
SIZE	A	B	C
1	.120	.270	.205
2	.135	.290	.225
3	.155	.350	.245
4	.165	.360	.255
5	.175	.370	.265
6	.195	.390	.285
7	.200	.395	.290
8	.210	.405	.300
9	.220	.415	.310
10	.245	.440	.335
11	.280	.475	.370
12	.295	.490	.385
13	.315	.510	.405
14	.335	.530	.425
15	.390	.580	.475

SIZE	A	B	C
1	.126	.270	.205
2	.141	.290	.225
3	.161	.350	.245
4	.171	.360	.255
5	.181	.370	.265
6	.201	.390	.285
7	.206	.395	.290
8	.216	.405	.300
9	.226	.415	.310
10	.251	.440	.335
11	.286	.475	.370
12	.301	.490	.385
13	.321	.510	.405
14	.341	.530	.425
15	.396	.580	.475

SIZE	A	B	C
1	.062	.151	.099
2	.094	.183	.131
3	.125	.214	.162

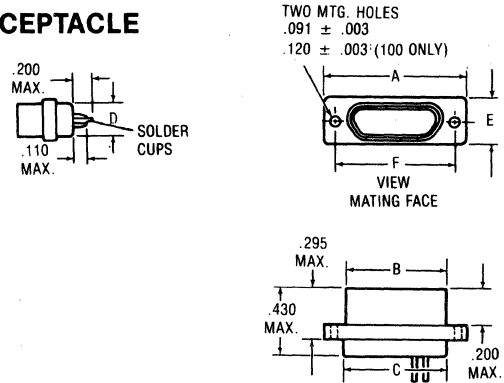
OUTLINE DRAWINGS

84R3



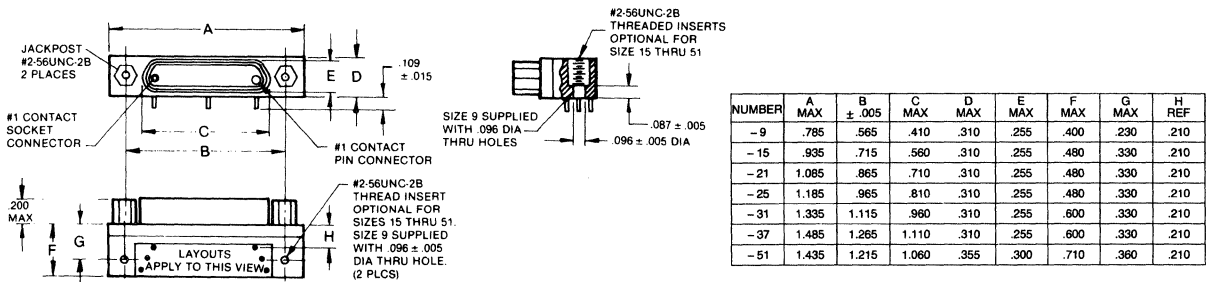
87R1

RECEPTACLE

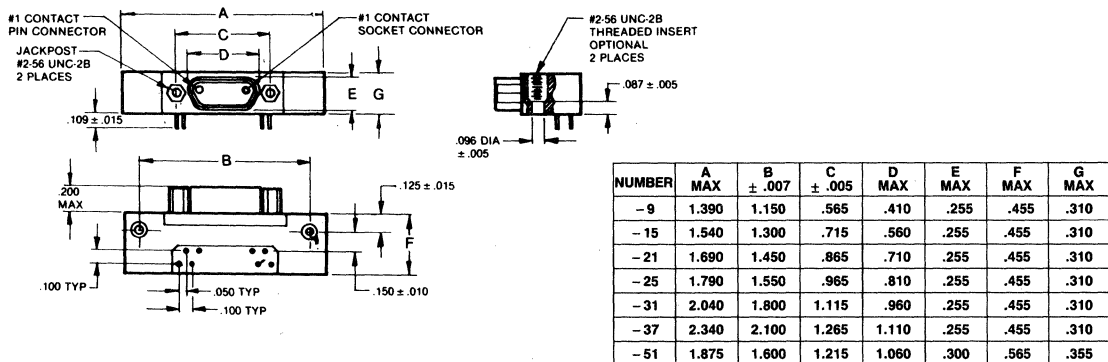


SIZE	A ± .010	B MAX	C ± .010 - .018	D Max.	E ± .010	F ± .005
9 S	.775	.410	.390	.270	.298	.565
15 S	.925	.560	.540	.270	.298	.715
21 S	1.075	.710	.690	.270	.298	.865
25 S	1.175	.810	.790	.270	.298	.965
31 S	1.325	.960	.940	.270	.298	1.115
37 S	1.475	1.110	1.090	.270	.298	1.265
51 S	1.425	1.060	1.040	.310	.341	1.215
100S	2.160	1.508	1.432	.360	.384	1.800

87R4

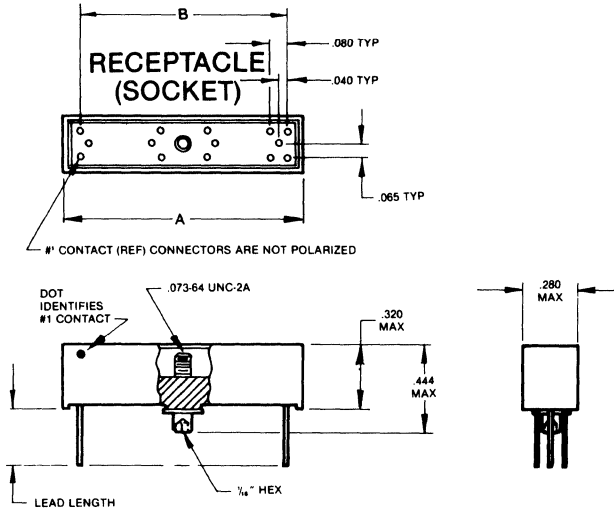


87R3



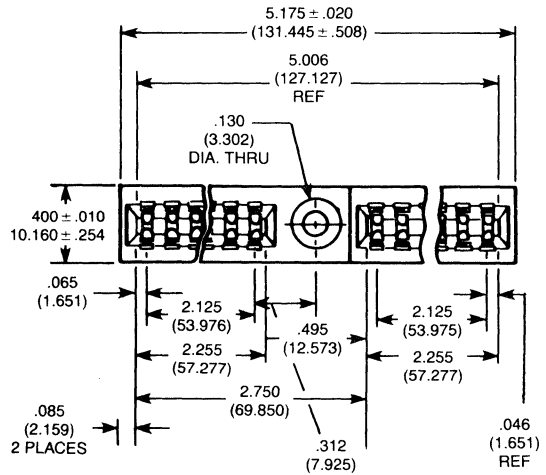
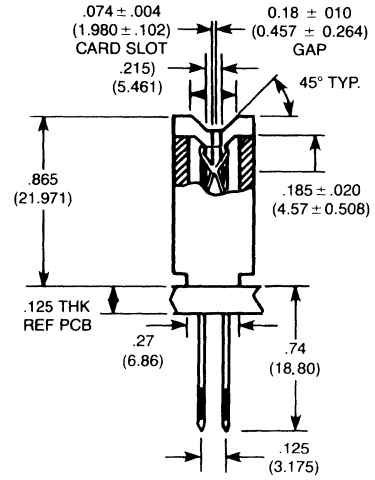
OUTLINE DRAWINGS

87R5

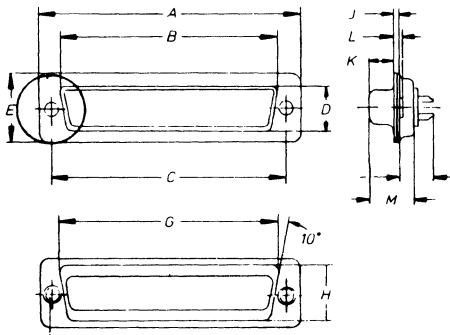


NO.	A MAX	B BSC
- 16	.695	.545
- 34	1.175	1.025

88R1



99R3



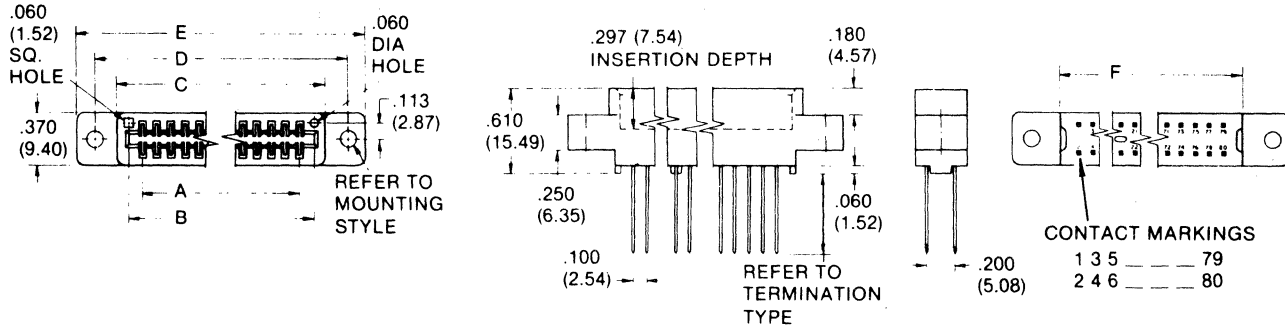
two holes
3.05mm ± 0.13 (.120" ± .005")

A	B	C	D	E	G	H	J	K	L	M	N
± 0.4 ± .016	± 0.3 ± .012	± 0.2 ± .008	± 0.3 ± .012	± 0.4 ± .016	± 0.3 ± .012	± 0.3 ± .012	± 0.3 ± .012	± 0.3 ± .012	± 0.3 ± .012	± 0.3 ± .012	± 0.3 ± .012
30.8 1.213	16.3 .642	25.0 .994	7.8 .307	12.5 .492	19.3 .76	10.7 .421	0.8 .031	6.2 .244	1.1 .043	10.9 .429	3.0 .118
39.1 1.539	24.6 .969	33.3 1.311	7.8 .307	12.5 .492	27.5 1.083	10.7 .421	0.8 .031	6.2 .244	1.1 .043	10.9 .429	3.0 .118
53.0 2.087	38.3 1.508	47.0 1.850	7.8 .307	12.5 .492	41.3 1.626	10.7 .421	0.8 .031	6.2 .244	1.1 .043	10.9 .429	3.0 .118
69.3 2.728	54.8 2.157	63.5 2.500	7.8 .307	12.5 .492	57.7 2.272	10.7 .421	0.8 .031	6.2 .244	1.1 .043	10.9 .429	3.0 .118
66.9 2.634	52.4 2.063	61.1 2.406	10.7 .421	15.4 .606	55.3 2.177	13.6 .535	0.8 .031	6.2 .244	1.1 .043	10.9 .429	3.0 .118

OUTLINE DRAWINGS

99R1

All dimensions are in inches.
Dimensions in () are in millimeters.



NUMBER OF CONTACTS	INCHES						G
	A ± .008	B ± .008	C ± .015	D ± .010	E ± .020	F ± .015	
10/20	.900	1.100	1.260	1.575	1.835	1.150	.610
12/24	1.100	1.300	1.460	1.775	2.035	1.350	
15/30	1.400	1.600	1.760	2.075	2.335	1.650	
18/36	1.700	1.900	2.060	2.375	2.635	1.950	
20/40	1.900	2.100	2.260	2.575	2.835	2.150	
22/44	2.100	2.300	2.460	2.775	3.035	2.350	
25/50	2.400	2.600	2.760	3.075	3.335	2.650	
28/56	2.700	2.900	3.060	3.375	3.635	2.950	
30/60	2.900	3.100	3.260	3.575	3.835	3.150	
31/62	3.000	3.200	3.360	3.675	3.935	3.250	
35/70	3.400	3.600	3.760	4.075	4.335	3.650	
38/72	3.500	3.700	3.860	4.175	4.435	3.750	
40/80	3.900	4.100	4.260	4.575	4.835	4.150	
43/86	4.200	4.400	4.560	4.875	5.135	4.450	
44/88	4.300	4.500	4.660	4.975	5.235	4.550	
49/98	4.800	5.000	5.160	5.475	5.735	5.050	
50/100	4.900	5.100	5.260	5.575	5.835	5.150	
55/110	5.400	5.600	5.760	6.075	6.335	5.650	
60/120	5.900	6.100	6.260	6.575	6.835	6.150	
61/122	6.000	6.200	6.360	6.675	6.935	6.250	
65/130	6.400	6.600	6.760	7.075	7.335	6.650	
70/140	6.900	7.100	7.260	7.575	7.835	7.150	

99R1a

NUMBER OF CONTACTS	INCHES						G
	A ± .008	B ± .008	C ± .015	D ± .010	E ± .020	F ± .015	
6/12	.625	.875	1.035	1.295	1.555	.875	.610
10/20	1.125	1.375	1.535	1.795	2.055	1.375	
14/28	1.625	1.875	2.035	2.295	2.555	1.875	
15/30	1.750	2.000	2.160	2.420	2.680	2.000	
18/36	2.125	2.375	2.535	2.795	3.055	2.375	
22/44	2.625	2.875	3.035	3.295	3.555	2.875	
28/56	3.375	3.625	3.785	4.045	4.305	3.625	
30/60	3.625	3.875	4.035	4.295	4.555	3.875	
31/62	3.750	4.000	4.160	4.420	4.680	4.000	
32/64	3.875	4.125	4.285	4.545	4.805	4.125	
35/70	4.250	4.500	4.660	4.920	5.180	4.500	
36/72	4.375	4.625	4.785	5.045	5.305	4.625	
40/80	4.875	5.125	5.285	5.545	5.805	5.125	
44/88	5.375	5.625	5.785	6.045	6.305	5.625	
49/98	6.000	6.250	6.410	6.670	6.930	6.250	
50/100	6.125	6.375	6.535	6.795	7.055	6.375	

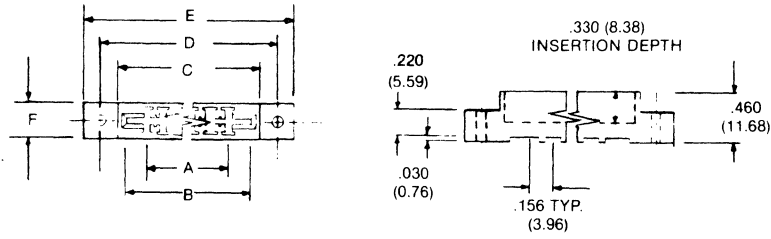
99R1b

NUMBER OF CONTACTS	INCHES						G
	A ± .008	B ± .008	C ± .015	D ± .010	E ± .020	F ± .015	
6/12	.780	1.102	1.221	1.534	1.784	1.030	.550
8/16	1.092	1.414	1.533	1.846	2.096	1.342	
10/20	1.404	1.726	1.845	2.159	2.408	1.654	
12/24	1.716	2.038	2.157	2.470	2.720	1.966	
15/30	2.184	2.506	2.625	2.938	3.188	2.434	
18/36	2.652	2.974	3.093	3.406	3.656	2.902	
20/40	2.964	3.286	3.405	3.718	3.968	3.214	
22/44	3.276	3.598	3.717	4.030	4.330	3.526	
25/50	3.744	4.066	4.185	4.498	4.748	3.984	
28/56	4.212	4.534	4.653	4.966	5.216	4.462	
30/60	4.524	4.846	4.965	5.278	5.528	4.774	
31/62	4.680	5.002	5.121	5.434	5.684	4.930	
36/72	5.480	5.782	5.901	6.214	6.464	5.710	
40/80	6.084	6.386	6.525	6.838	7.088	6.334	
43/86	6.552	6.860	7.000	7.302	7.600	6.802	

99R1c

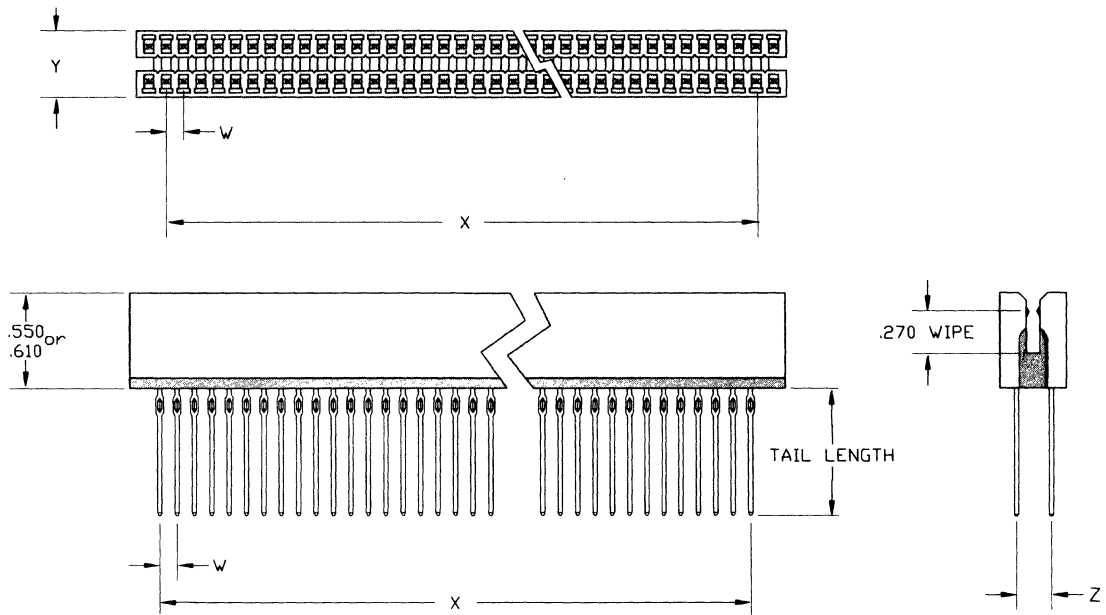
OUTLINE DRAWINGS

99R2



NUMBER OF CONTACT POSITIONS	INCHES					
	A	B	C	D	E	F
2/4	.156	.476	.596	.809	1.251	.350
3/6	.312	.632	.752	1.065	1.407	.350
4/8	.468	.788	.908	1.221	1.563	.350
5/10	.624	.944	1.064	1.377	1.719	.350
6/12	.780	1.100	1.220	1.533	1.875	.350
7/14	.936	1.256	1.376	1.689	2.031	.350
8/16	1.092	1.412	1.532	1.845	2.187	.350
9/18	1.248	1.568	1.688	2.001	2.343	.350
10/20	1.404	1.724	1.844	2.157	2.499	.350
11/22	1.560	1.880	2.000	2.313	2.655	.350
12/24	1.716	2.036	2.156	2.469	2.811	.350
13/26	1.872	2.192	2.312	2.625	2.967	.350
14/28	2.028	2.348	2.468	2.781	3.123	.350
15/30	2.184	2.504	2.624	2.937	3.279	.350
16/32	2.340	2.660	2.780	3.093	3.435	.350
17/34	2.496	2.816	2.936	3.249	3.591	.350
18/36	2.652	2.972	3.092	3.405	3.747	.350
19/38	2.808	3.128	3.248	3.561	3.903	.350
20/40	2.964	3.284	3.404	3.717	4.059	.350
21/42	3.120	3.440	3.560	3.873	4.215	.350
22/44	3.276	3.596	3.716	4.029	4.371	.350
23/46	3.432	3.752	3.872	4.185	4.527	.350
24/48	3.588	3.908	4.028	4.341	4.683	.350
25/50	3.744	4.064	4.184	4.497	4.839	.350
26/52	3.900	4.220	4.340	4.653	4.995	.350
27/54	4.056	4.376	4.496	4.809	5.151	.350
28/56	4.212	4.532	4.652	4.965	5.307	.350
29/58	4.368	4.688	4.808	5.121	5.463	.350
30/60	4.524	4.844	4.964	5.277	5.619	.350
31/62	4.680	5.000	5.120	5.433	5.775	.350
32/64	4.836	5.156	5.276	5.589	5.931	.350
33/66	4.992	5.312	5.432	5.745	6.087	.350
34/68	5.148	5.468	5.588	5.901	6.243	.350
35/70	5.304	5.624	5.744	6.057	6.399	.350
36/72	5.460	5.780	5.900	6.213	6.555	.350
37/74	5.616	5.936	6.056	6.369	6.711	.350
38/76	5.772	6.092	6.212	6.525	6.867	.350
39/78	5.928	6.248	6.368	6.681	7.023	.350
40/80	6.084	6.404	6.524	6.837	7.179	.350
41/82	6.240	6.560	6.680	6.993	7.335	.350
42/84	6.396	6.716	6.836	7.149	7.491	.350
43/86	6.552	6.872	6.992	7.305	7.647	.350

103R3



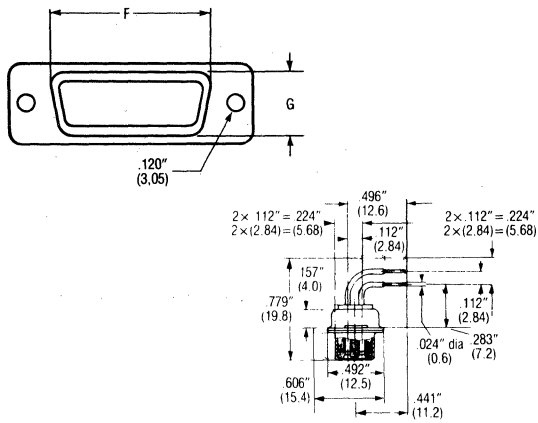
DIMENSION:	A	B	C	D	E	W	X	Y	Z
.100 x .200	.100	.261	.448	.173	.198	.100	Number of contacts in one row - 1 x spacing	.382	.200
.125 x .250	.125	.286	.473	.198	.223	.125		.432	.250
.156 x .200	.156	.317	.504	.229	.254	.156		.382	.200

*To order, simply choose the grid size to meet your individual requirements.
Part numbers are listed on the next page.

OUTLINE DRAWINGS

85R8

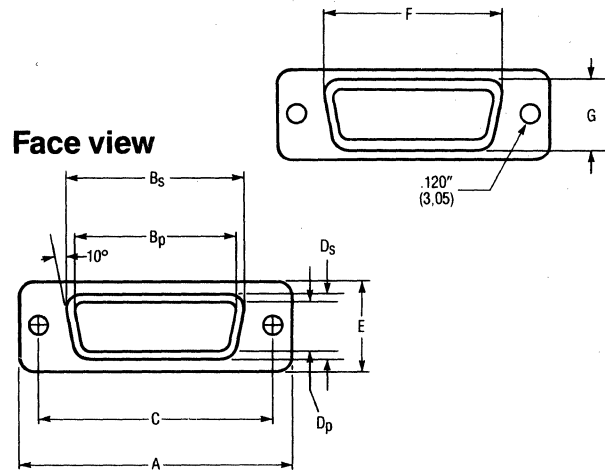
Rear view



NO. CONTACTS	9		15		25		37		50	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
DIM. A	1.212"	30,8	1.543"	39,2	2.086"	53,0	2.732"	69,4	2.637"	67,0
B _s (SOCKET)	.641"	16,3	.968"	24,6	1.508"	38,3	2.157"	54,8	2.063"	52,4
C	.984"	25,0	1.312"	33,3	1.852"	47,0	2.500"	63,5	2.406"	61,1
D _s (SOCKET)	.307"	7,8	.307"	7,8	.307"	7,8	.307"	7,8	.421"	10,7
E	.492"	12,5	.492"	12,5	.492"	12,5	.492"	12,5	.606"	15,4
F	.759"	19,3	1.082"	27,5	1.626"	41,3	2.271"	57,7	2.177"	55,3
G	.421"	10,7	.421"	10,7	.421"	10,7	.421"	10,7	.535"	13,6

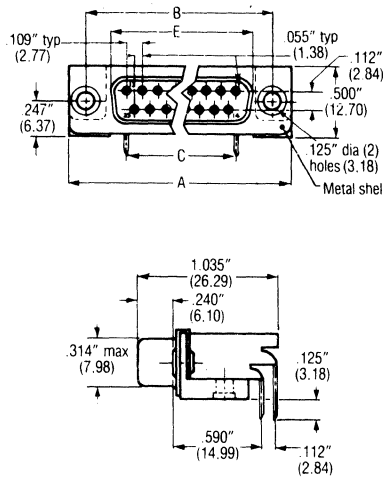
85R9

Rear view



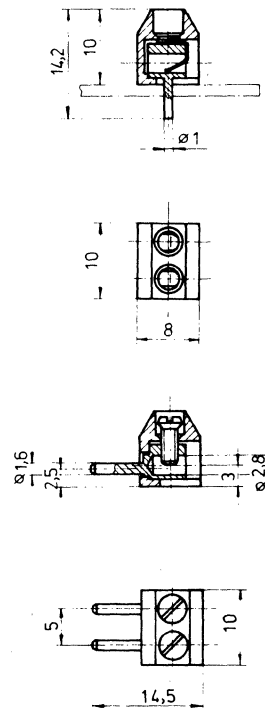
NO. CONTACTS	9		15		25		37		50	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
DIM. A	1.212"	30,8	1.543"	39,2	2.086"	53,0	2.732"	69,4	2.637"	67,0
B _s (SOCKET)	.641"	16,3	.968"	24,6	1.508"	38,3	2.157"	54,8	2.063"	52,4
C	.984"	25,0	1.312"	33,3	1.852"	47,0	2.500"	63,5	2.406"	61,1
D _s (SOCKET)	.307"	7,8	.307"	7,8	.307"	7,8	.307"	7,8	.421"	10,7
E	.492"	12,5	.492"	12,5	.492"	12,5	.492"	12,5	.606"	15,4
F	.759"	19,3	1.082"	27,5	1.626"	41,3	2.271"	57,7	2.177"	55,3
G	.421"	10,7	.421"	10,7	.421"	10,7	.421"	10,7	.535"	13,6

85R10



NO. CONTACTS	9		15		25		37	
	in.	mm	in.	mm	in.	mm	in.	mm
DIM. A	1.222"	31,04	1.549"	39,34	2.095"	53,21	2.737"	69,52
B	.984"	24,99	1.312"	33,32	1.852"	47,04	2.500"	63,50
C	.436"	11,07	.763"	19,38	1.308"	33,22	1.962"	49,83
D (MIN)	.661"	16,79	.989"	25,12	1.530"	38,86	2.177"	55,29
E (MAX)	.648"	16,46	.976"	24,80	1.514"	38,46	2.162"	54,92

96R1

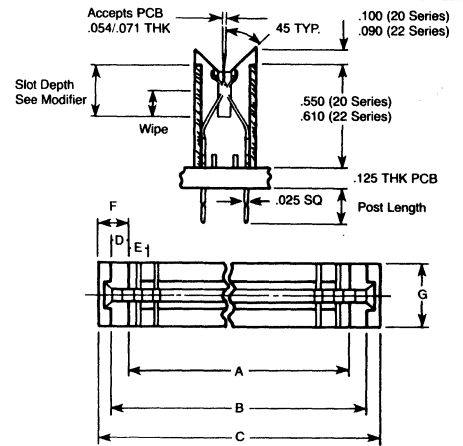


POLES	LENGTH	
	mm	in
2	10	.39
3	15	.59
4	20	.79
5	25	.98
6	30	1.18
7	35	1.38
8	40	1.57
9	45	1.77
10	50	1.97
11	55	2.17
12	60	2.36
13	65	2.56
14	70	2.76
15	75	2.95
16	80	3.15
17	85	3.35
18	90	3.54
19	95	3.74
20	100	3.94
21	105	4.13
22	110	4.33
23	115	4.53
24	120	4.72
25	125	4.92
26	130	5.12
27	135	5.31

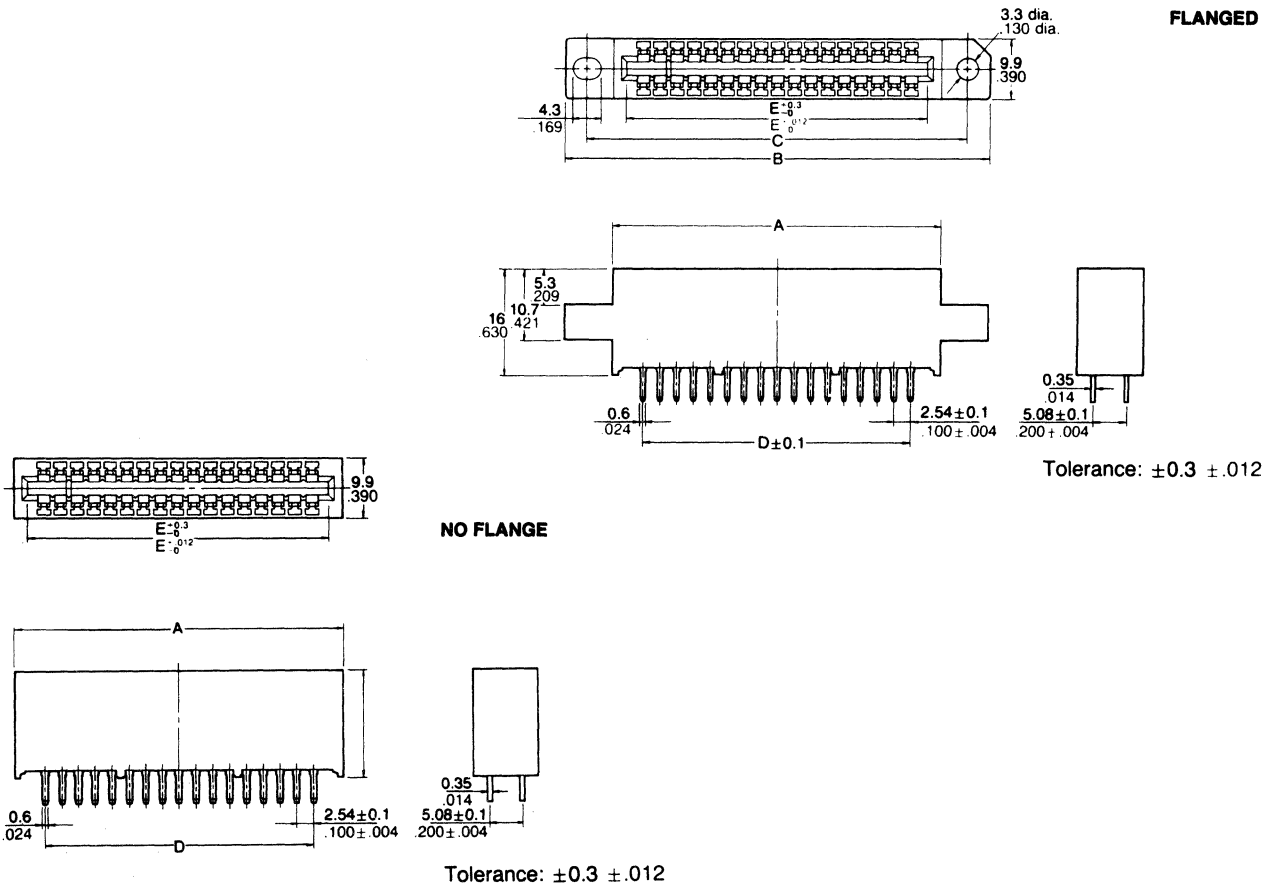
OUTLINE DRAWINGS

88R3

DRAWING	Spacing	A	B	C	D	E	F	G	H
88R3a	.100 x .100 (2.54) x (2.54)	Number of contacts minus 1 times E	A plus (2xD)	A plus (2xF)	.100 (2.54)	.100 (2.54)	.175 (4.45)	.370 (9.40)	.100 (2.54)
	.100 x .200 (2.54) x (5.08)				.100 (2.54)	.100 (2.54)	.175 (4.45)	.370 (9.40)	.200 (5.08)
	.125 x .125 (3.18) x (3.18)				.115 (2.92)	.125 (3.18)	.200 (5.08)	.354 (8.99)	.125 (3.18)
	.125 x .250 (3.18) x (6.35)				.125 (3.18)	.125 (3.18)	.200 (5.08)	.354 (8.99)	.250 (6.35)
	.156 x .200 (3.96) x (5.08)				.156 (3.96)	.156 (3.96)	.218 (5.54)	.324 (8.23)	.200 (5.08)
88R3b	.100 x .200 (2.54) x (5.08)				.100 (2.54)	.100 (2.54)	.180 (4.57)	.370 (9.40)	.200 (5.08)
	.125 x .250 (3.18) x (6.35)				.125 (3.18)	.125 (3.18)	.180 (4.57)	.370 (9.40)	.250 (6.35)



90R2



Dimension table

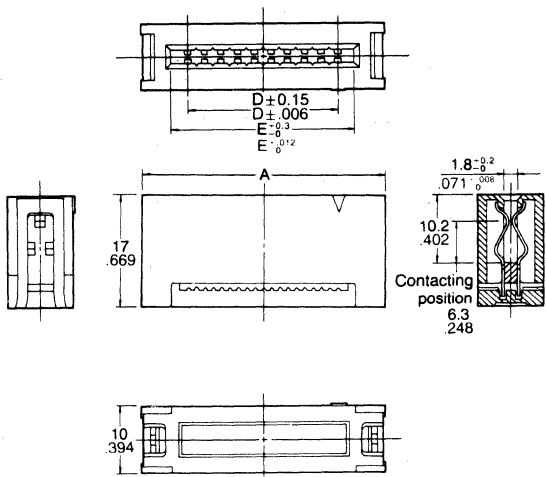
No. of contacts	A (mm inch)	B (mm inch)	C (mm inch)	D (mm inch)	E (mm inch)	G (mm inch)
34	49.78 1.960	64.39 2.535	57.78 2.275	40.64 1.600	45.78 1.802	45.58 1.794
44	62.48 2.460	77.09 3.035	70.48 2.775	53.34 2.100	58.48 2.302	58.28 2.294
56	77.72 3.060	92.33 3.635	85.72 3.375	68.58 2.700	73.72 2.902	73.52 2.894
60	82.8 3.260	97.41 3.835	90.8 3.575	73.66 2.900	78.8 3.102	78.6 3.094
72	98.04 3.860	112.65 4.435	106.04 4.175	88.9 3.500	94.04 3.702	93.84 3.694
86	115.82 4.560	130.43 5.135	123.82 4.875	106.68 4.200	111.82 4.402	111.62 4.394

OUTLINE DRAWINGS

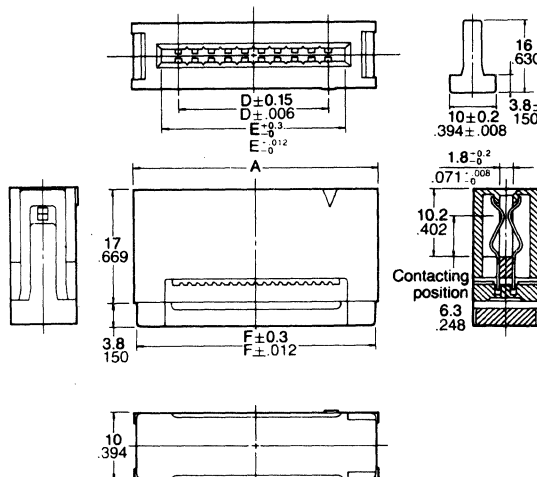
90R3

mm inch

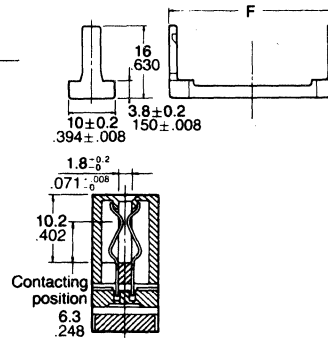
NO FLANGE Without strain relief



With strain relief



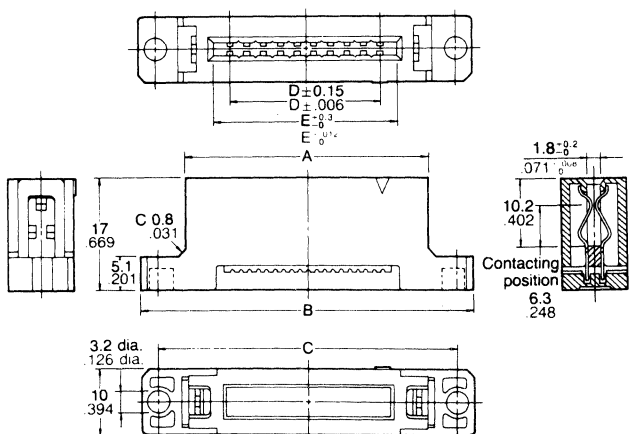
Strain relief



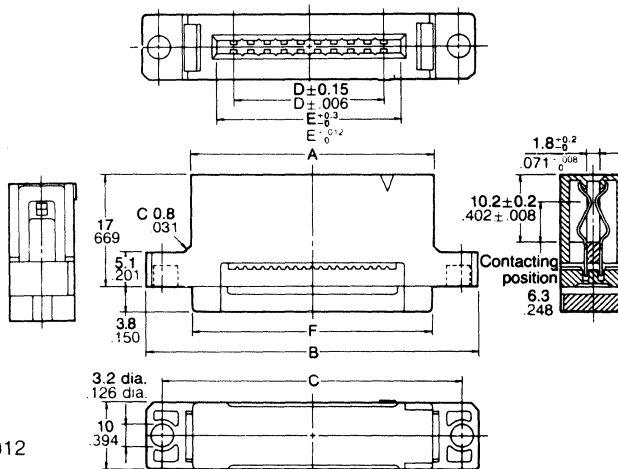
Tolerance: $\pm 0.3 \pm .012$

FLANGED

Without strain relief



With strain relief



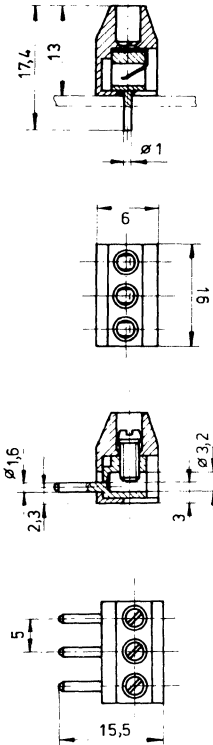
Tolerance: $\pm 0.3 \pm .012$

Dimension table

No. of contacts	A (mm inch)	B (mm inch)	C (mm inch)	D (mm inch)	E (mm inch)	F (mm inch)	G (mm inch)	H1 (mm inch)	H2 (mm inch)
20	37.06 1.459	50.8 2.000	45.72 1.800	22.86 .900	28.04 1.104	36.6 1.441	27.84 1.096	39.06 1.538	37.46 1.475
26	44.68 1.759	58.42 2.300	53.34 2.100	30.48 1.200	35.66 1.404	44.2 1.740	35.46 1.396	46.68 1.838	45.08 1.775
30	49.76 1.959	63.5 2.500	58.42 2.300	35.56 1.400	40.74 1.604	49.3 1.941	40.54 1.596	51.76 2.038	50.16 1.975
34	54.84 2.159	68.58 2.700	63.5 2.500	40.64 1.600	45.82 1.804	54.38 2.141	45.62 1.796	56.84 2.238	55.24 2.175
40	62.46 2.459	76.2 3.000	71.12 2.800	48.26 1.900	53.44 2.104	63.5 2.500	53.24 2.096	64.46 2.538	62.86 2.475
50	75.16 2.959	88.9 3.500	83.82 3.300	60.96 2.400	66.14 2.604	74.7 2.941	59.94 2.360	77.16 3.038	75.56 2.975
60	87.86 3.459	101.6 4.000	96.52 3.800	73.66 2.900	78.84 3.104	87.4 3.441	78.64 3.096	89.86 3.538	88.26 3.475

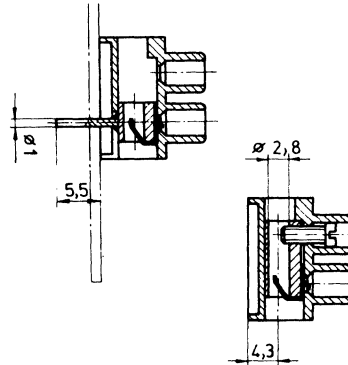
OUTLINE DRAWINGS

96R2



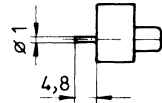
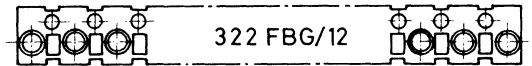
POLES	LENGTH	
	mm	in
2	11	.43
3	16	.63
4	21	.83
5	26	1.02
6	31	1.22
7	36	1.42
8	41	1.61
9	46	1.81
10	51	2.01
11	56	2.20
12	61	2.40
13	66	2.60
14	71	2.80
15	76	2.99
16	81	3.19
17	86	3.39
18	91	3.58
19	96	3.78
20	101	3.98
21	106	4.17
22	111	4.37
23	116	4.57
24	121	4.76

96R4



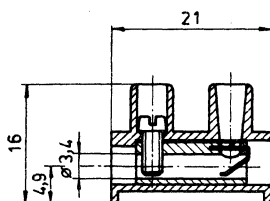
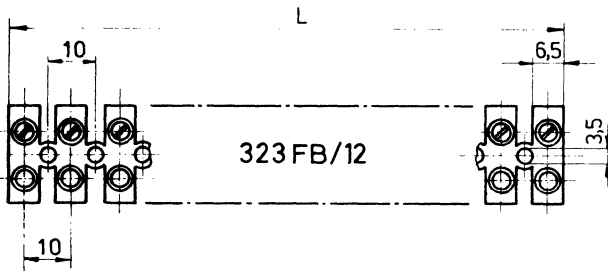
POLES	LENGTH	
	mm	in
2	15	.59
3	23	.91
4	31	1.22
5	39	1.54
6	47	1.85
7	55	2.17
8	63	2.48
9	71	2.80
10	79	3.11
11	87	3.43
12	94	3.70

96R6



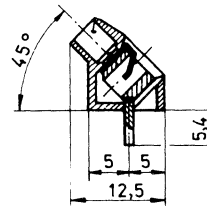
POLES	LENGTH	
	mm	in
2	18	.71
3	28	1.10
4	38	1.50
5	48	1.89
6	58	2.28
7	68	2.68
8	78	3.07
9	88	3.46
10	98	3.86
11	108	4.25
12	117	4.61

96R5



POLES	LENGTH	
	mm	in
2	18	.71
3	28	1.10
4	38	1.50
5	48	1.89
6	58	2.28
7	68	2.68
8	78	3.07
9	88	3.46
10	98	3.86
11	108	4.25
12	117	4.61

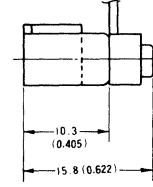
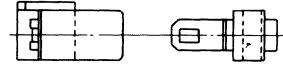
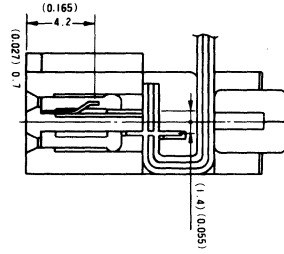
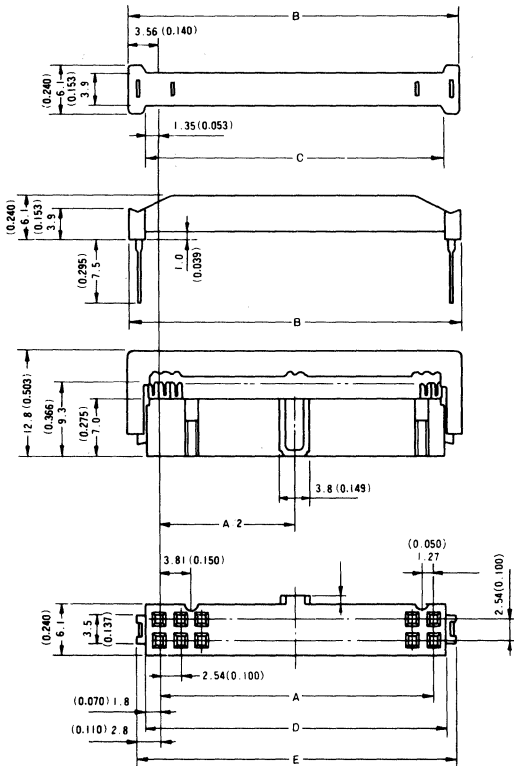
96R7



POLES	LENGTH	
	mm	in
2	10	.39
3	15	.59
4	20	.79
5	25	.98
6	30	1.18
7	35	1.38
8	40	1.57
9	45	1.77
10	50	1.97
11	55	2.17
12	60	2.36
13	65	2.56
14	70	2.76
15	75	2.95
16	80	3.15
17	85	3.35
18	90	3.54
19	95	3.74
20	100	3.94
21	105	4.13
22	110	4.33
23	115	4.53
24	120	4.72
25	125	4.92
26	130	5.12

OUTLINE DRAWINGS

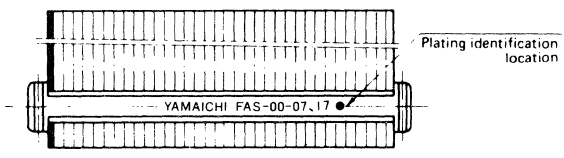
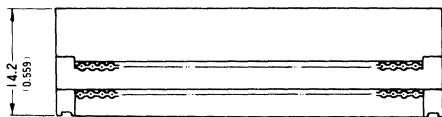
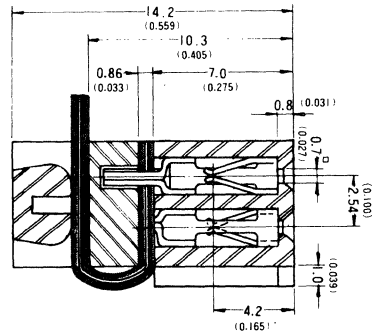
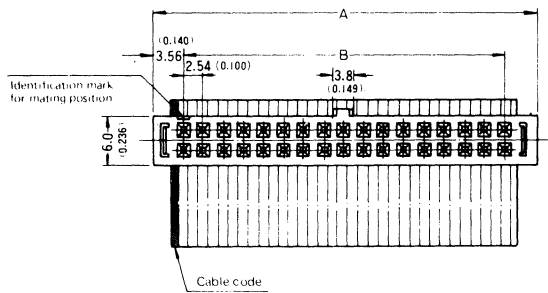
97R1



POS	A	B	C	D	E
10	10.16 (0.400)	17.28 (0.680)	12.86 (0.506)	13.76 (0.541)	15.76 (0.620)
16	17.78 (0.700)	24.90 (0.980)	20.48 (0.806)	21.38 (0.841)	23.38 (0.920)
20	22.86 (0.900)	29.98 (1.180)	25.56 (1.006)	26.46 (1.041)	28.46 (1.120)
26	30.48 (1.200)	37.60 (1.480)	33.18 (1.306)	34.08 (1.341)	36.08 (1.420)
30	35.56 (1.400)	42.68 (1.680)	38.26 (1.506)	39.16 (1.541)	41.16 (1.620)
34	40.64 (1.600)	47.76 (1.880)	43.34 (1.706)	44.24 (1.741)	46.24 (1.820)
40	48.26 (1.900)	55.38 (2.180)	50.96 (2.006)	51.86 (2.041)	53.86 (2.120)
50	60.96 (2.400)	68.08 (2.680)	63.66 (2.506)	64.56 (2.541)	66.56 (2.620)
60	73.66 (2.900)	80.78 (3.180)	76.36 (3.006)	77.26 (3.041)	79.26 (3.120)
64	78.74 (3.100)	85.86 (3.380)	81.44 (3.206)	82.34 (3.241)	84.34 (3.320)

97R2

CABLE END STRAIN RELIEF

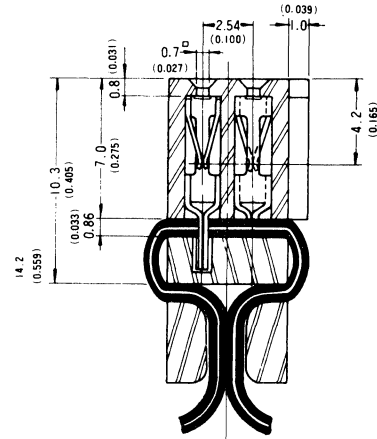
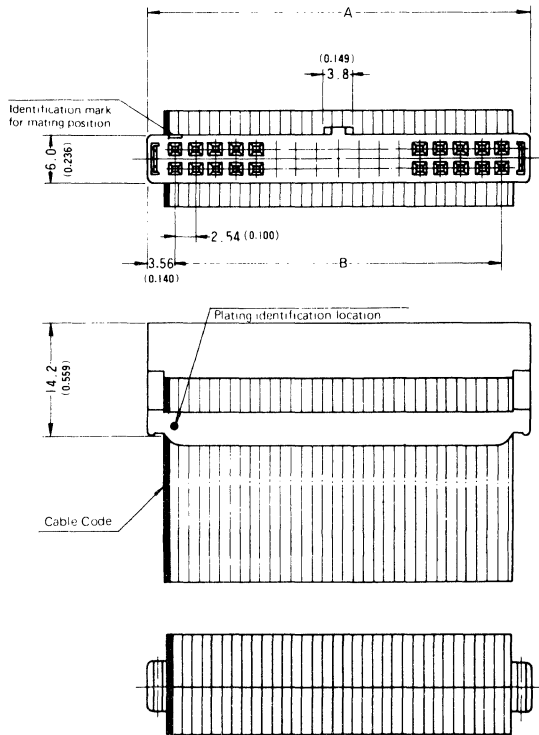


POS	A	B
10	17.28 (0.680)	10.16 (0.400)
16	24.90 (0.980)	17.78 (0.700)
20	29.98 (1.180)	22.86 (0.900)
26	37.60 (1.480)	30.48 (1.200)
30	42.68 (1.680)	35.56 (1.400)
34	47.76 (1.880)	40.64 (1.600)
40	55.38 (2.180)	48.26 (1.900)
50	68.08 (2.680)	60.96 (2.400)
60	80.78 (3.180)	73.66 (2.900)
64	85.86 (3.380)	78.74 (3.100)

OUTLINE DRAWINGS

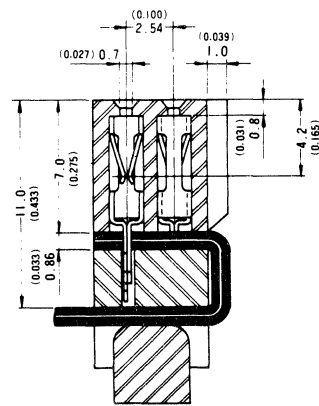
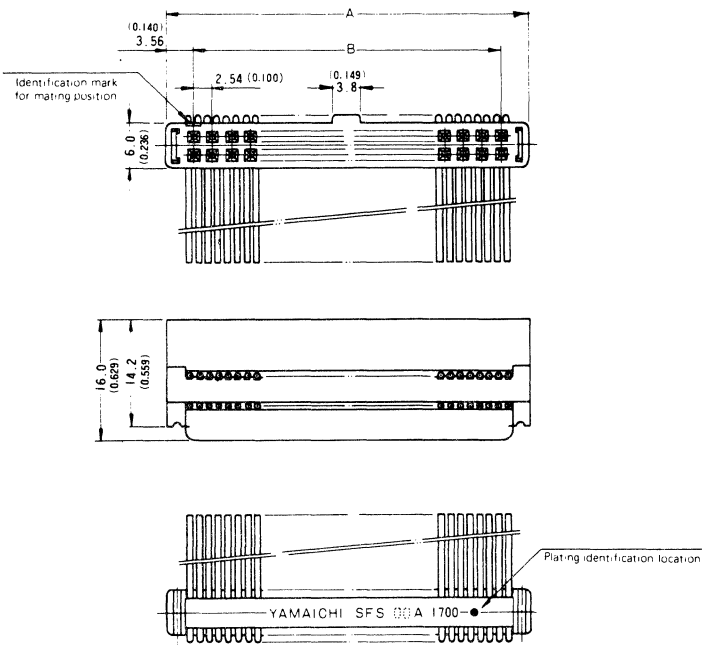
97R3

DAISY CHAIN STRAIN RELIEF



Pos	A	B
10	17.28 (0.680)	10.16 (0.400)
16	24.90 (0.980)	17.78 (0.700)
20	29.98 (1.180)	22.86 (0.900)
26	37.60 (1.480)	30.48 (1.200)
30	42.68 (1.680)	35.56 (1.400)
34	47.76 (1.880)	40.54 (1.600)
40	55.38 (2.180)	48.26 (1.900)
50	68.08 (2.680)	60.96 (2.400)
60	80.78 (3.180)	73.66 (2.900)
64	85.86 (3.380)	78.74 (3.100)

97R4



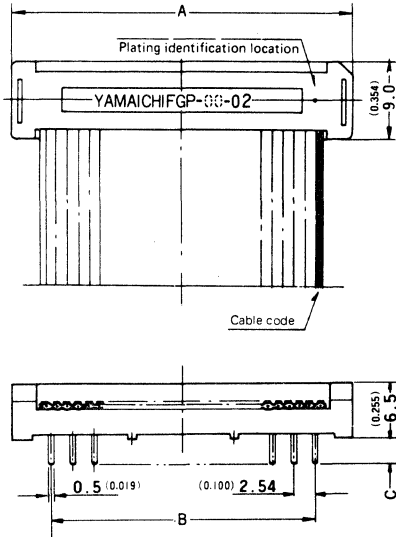
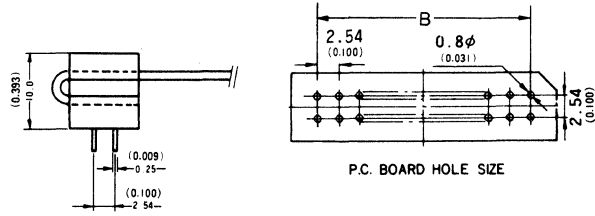
POS	A	B
10	17.28 (0.680)	10.16 (0.400)
26	37.60 (1.480)	30.48 (1.200)
* 30	42.68 (1.680)	35.56 (1.400)
34	47.76 (1.880)	40.64 (1.600)
* 40	55.38 (2.180)	48.26 (1.900)
50	68.08 (2.680)	60.96 (2.400)
60	80.78 (3.180)	73.66 (2.900)
64	85.86 (3.380)	78.74 (3.100)

*Under Planning

OUTLINE DRAWINGS

97R5

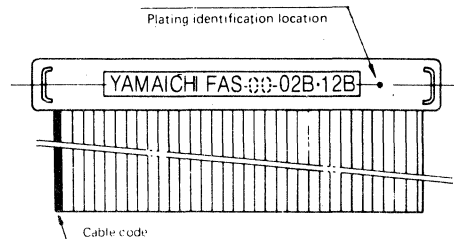
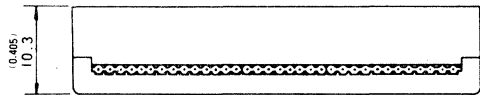
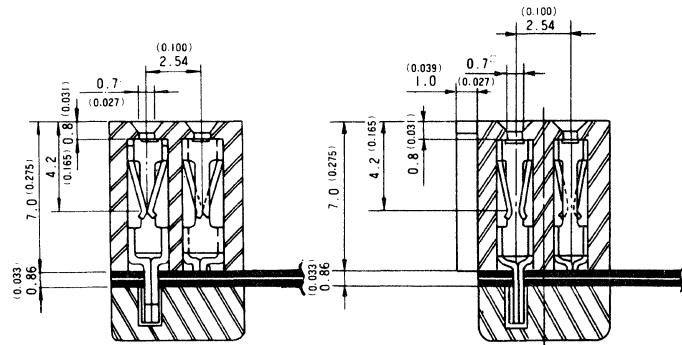
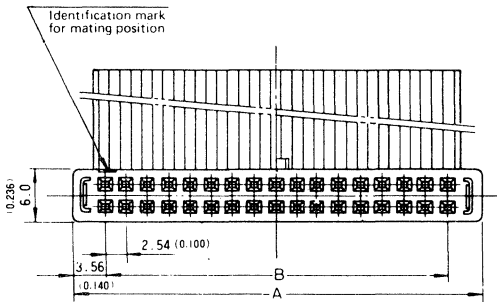
Type No.	C
FGP-02-023 1	3.0 (0.118)
FGP-02-023 2	4.7 (0.185)



POS	A	B
10*	19.16 (0.754)	10.16 (0.400)
16*	26.78 (1.054)	17.78 (0.700)
20	31.86 (1.254)	22.86 (0.900)
26	39.48 (1.554)	30.48 (1.200)
30	44.56 (1.754)	35.56 (1.400)
34	49.64 (1.954)	40.64 (1.600)
40	57.26 (2.254)	48.26 (1.900)
42*	59.80 (2.354)	50.80 (2.000)
50*	69.96 (2.754)	60.96 (2.400)
60	82.86 (3.254)	73.66 (2.900)
64	87.74 (3.454)	78.74 (3.100)

*Strain Relief Version Under Planning

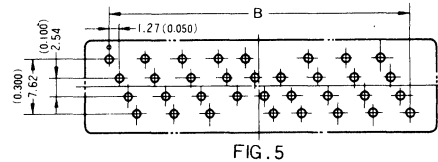
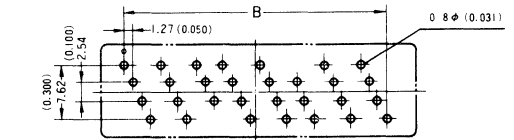
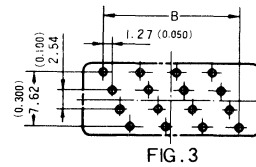
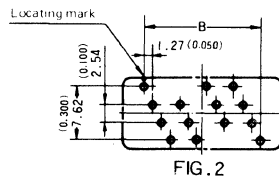
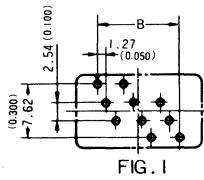
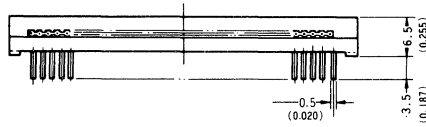
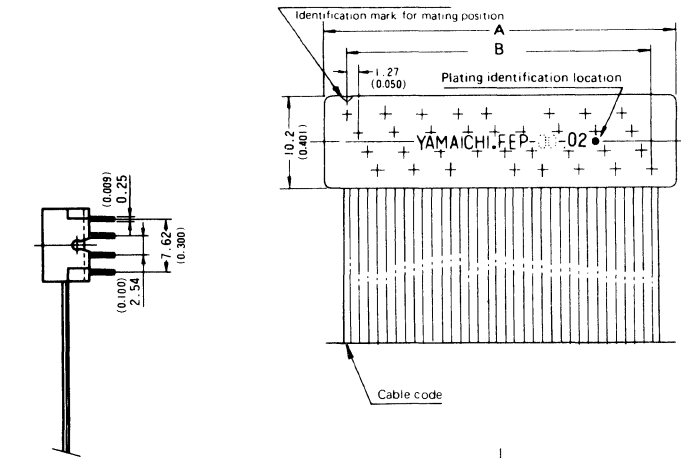
97R6



POS	A	B
10	17.28 (0.680)	10.16 (0.400)
16	24.90 (0.980)	17.78 (0.700)
20	29.98 (1.180)	22.86 (0.900)
26	37.60 (1.480)	30.48 (1.200)
30	42.68 (1.680)	35.56 (1.400)
34	47.76 (1.880)	40.64 (1.600)
40	55.38 (2.180)	48.26 (1.900)
50	68.08 (2.680)	60.96 (2.400)
60	80.78 (3.180)	73.66 (2.900)
64	85.86 (3.380)	78.74 (3.100)

OUTLINE DRAWINGS

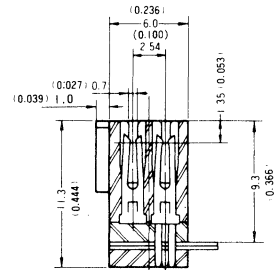
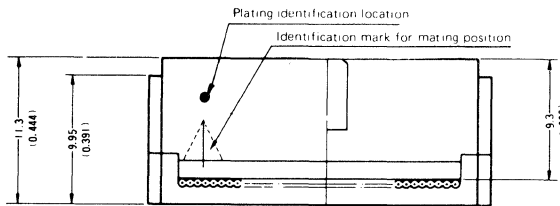
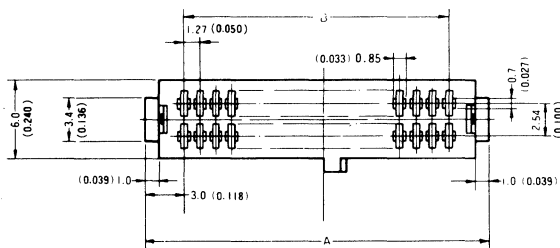
97R7



P.C. BOARD HOLE SIZE

POS	A	B	PC BOARD HOLE SIZE
10	17.78 (0.700)	11.43 (0.450)	FIG. 1
14	22.86 (0.900)	16.51 (0.650)	FIG. 2
18	25.40 (1.000)	19.05 (0.750)	FIG. 3
20	30.48 (1.200)	24.13 (0.950)	FIG. 3
28	38.10 (1.500)	31.75 (1.250)	FIG. 5
30	43.18 (1.700)	36.83 (1.450)	FIG. 4
34	48.26 (1.900)	41.91 (1.650)	FIG. 5
40	55.88 (2.200)	49.53 (1.950)	FIG. 3
44	60.96 (2.400)	54.81 (2.150)	FIG. 3
50	68.58 (2.700)	62.23 (2.450)	FIG. 5
56	76.20 (3.000)	69.85 (2.750)	FIG. 3
60	81.28 (3.200)	74.93 (2.950)	FIG. 3

97R9

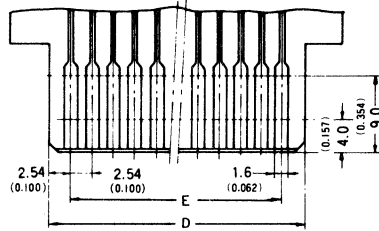
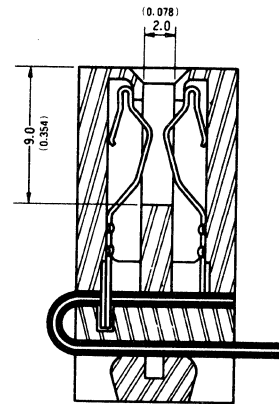
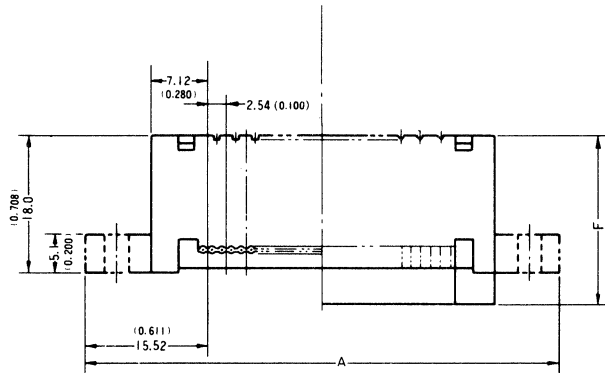
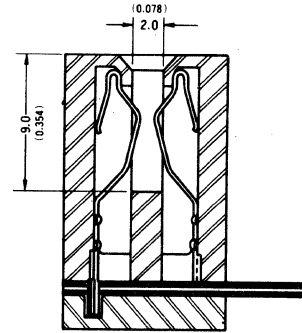
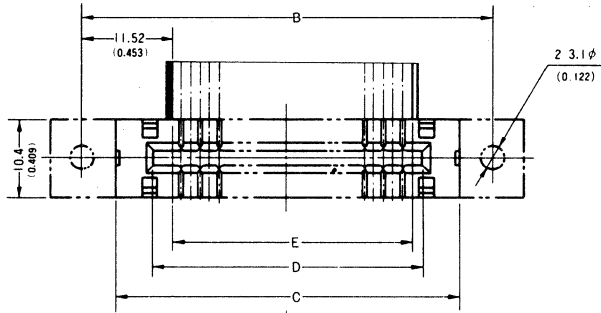


POS	A	B
10	11.08 (0.436)	5.08 (0.200)
16	14.89 (0.586)	8.89 (0.350)
20	17.43 (0.686)	11.43 (0.450)
26	21.24 (0.836)	15.24 (0.600)
30	23.78 (0.936)	17.78 (0.700)
34	26.32 (1.036)	20.32 (0.800)
40	30.13 (1.186)	24.13 (0.950)
50	36.48 (1.436)	30.48 (1.200)
60	42.83 (1.686)	36.83 (1.450)
64	45.37 (1.786)	39.37 (1.550)
80	55.53 (2.186)	49.53 (1.950)

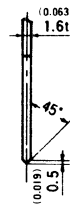
*Under Planning

OUTLINE DRAWINGS

97R8



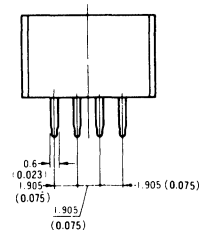
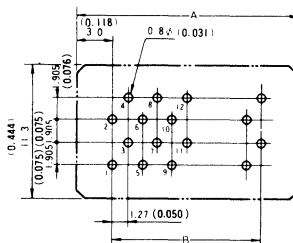
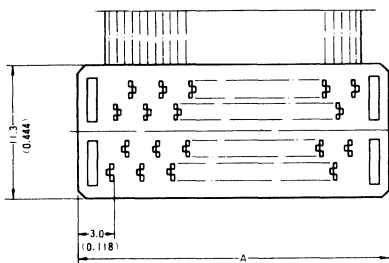
P.C. BOARD DIMENSIONS



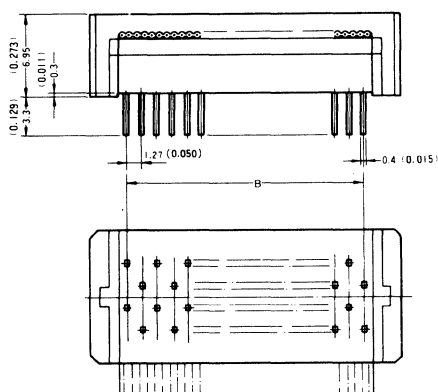
POS	A	B	C	D	E	F
20	53.90 (2.122)	45.90 (1.807)	37.10 (1.460)	28.04 (1.103)	22.86 (0.900)	21.5 (0.846)
26	61.52 (2.422)	53.52 (2.107)	44.72 (1.760)	35.66 (1.403)	30.48 (1.200)	21.5 (0.846)
30	66.60 (2.622)	58.60 (2.307)	49.80 (1.960)	40.74 (1.603)	35.56 (1.400)	21.5 (0.846)
34	71.68 (2.822)	63.68 (2.507)	54.88 (2.160)	45.82 (1.803)	40.64 (1.600)	22.0 (0.866)
40	79.30 (3.122)	71.30 (2.807)	62.50 (2.460)	53.44 (2.103)	48.26 (1.900)	22.0 (0.866)
50	62.00 (2.440)	84.00 (3.307)	75.20 (2.960)	66.14 (2.603)	60.96 (2.400)	22.0 (0.866)
60	104.70 (4.122)	96.70 (3.807)	87.90 (3.460)	78.84 (3.103)	73.66 (2.900)	22.0 (0.866)
64	109.78 (4.322)	101.78 (4.007)	92.98 (3.660)	83.92 (3.303)	78.74 (3.100)	22.0 (0.866)

OUTLINE DRAWINGS

97R11



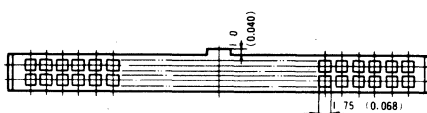
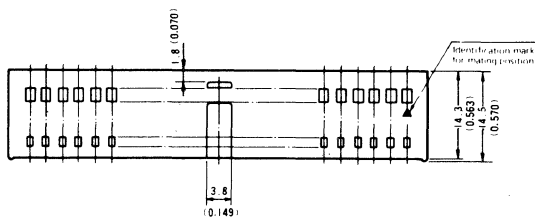
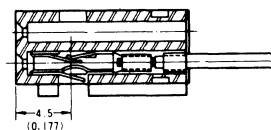
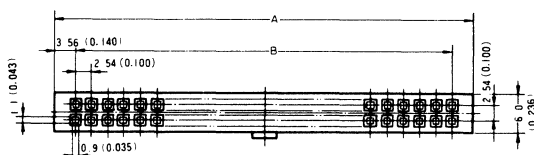
P.C. BOARD HOLE SIZE



POS	A	B
* 10	11.08 (0.436)	5.08 (0.200)
* 16	14.89 (0.586)	8.89 (0.350)
20	17.43 (0.686)	11.43 (0.450)
* 26	21.24 (0.836)	15.24 (0.600)
* 30	23.78 (0.936)	17.78 (0.700)
34	26.32 (1.036)	20.32 (0.800)
40	30.13 (1.186)	24.13 (0.950)
50	36.48 (1.436)	30.48 (1.200)
60	42.83 (1.686)	36.83 (1.450)
* 64	45.37 (1.786)	39.37 (1.550)

*Under Planning

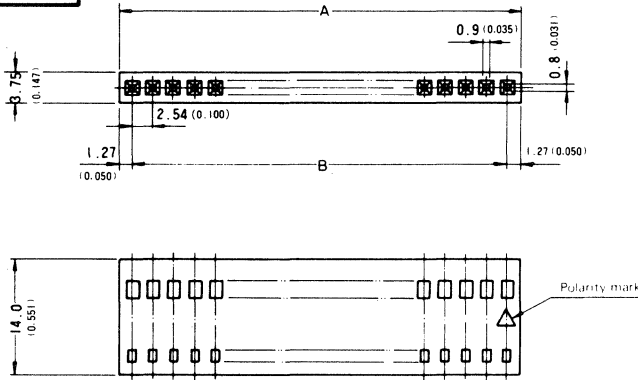
97R13



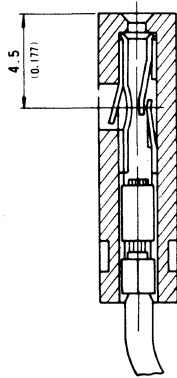
POS	A	B
10	17.28 (0.680)	10.16 (0.400)
16	24.80 (0.980)	17.78 (0.700)
20	29.98 (1.180)	22.86 (0.900)
26	37.60 (1.480)	30.48 (1.200)
30	42.68 (1.680)	35.56 (1.400)
34	47.76 (1.880)	40.64 (1.600)
40	55.38 (2.180)	48.26 (1.900)
50	68.08 (2.680)	60.96 (2.400)
60	80.78 (3.180)	73.66 (2.900)

OUTLINE DRAWINGS

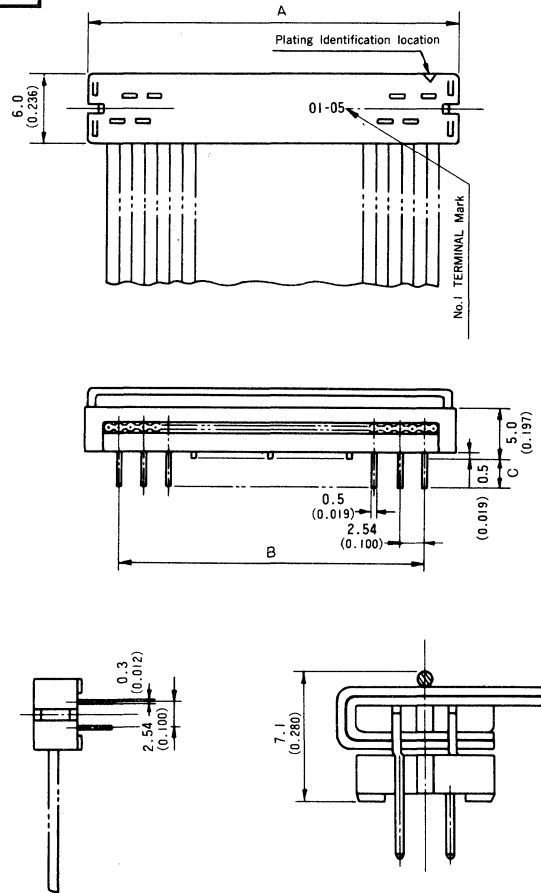
97R12



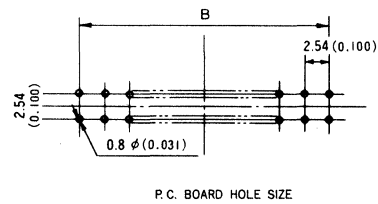
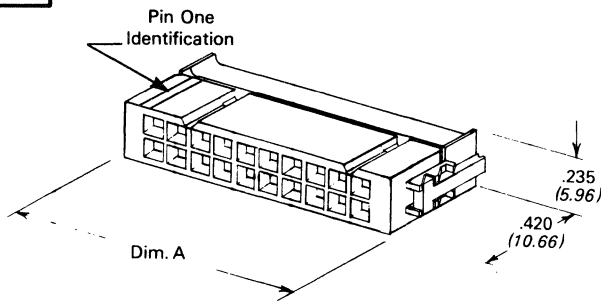
$A = n \times .100$ $B = (n-1) \times .100$
 $n = \text{Number of Contacts (1 thru 40)}$



97R14



107R3



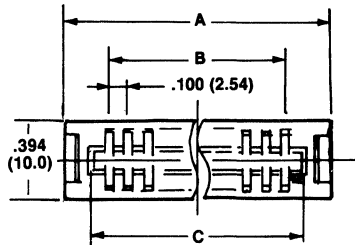
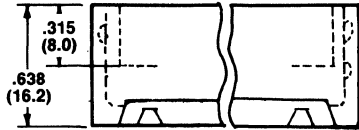
Tabulations	
No. of Contacts	Dim. A Inches (mm)
10	.680 (17.27)
14	.880 (22.35)
16	.980 (24.89)
20	1.180 (29.97)
26	1.480 (37.59)
34	1.880 (47.75)
40	2.180 (55.37)
50	2.680 (68.07)
60	3.180 (80.77)

POS	A	B
* 64	85.28 (3.357)	78.74 (3.100)
* 60	80.20 (3.157)	73.76 (2.904)
50	67.50 (2.657)	60.96 (2.400)
40	54.80 (2.157)	48.26 (1.900)
34	47.18 (1.857)	40.64 (1.600)
* 30	42.10 (1.657)	35.36 (1.400)
* 26	37.02 (1.457)	30.48 (1.200)
* 20	29.40 (1.157)	22.86 (0.900)
16	24.32 (0.957)	17.78 (0.700)
10	16.70 (0.657)	10.16 (0.400)

*Under Planning

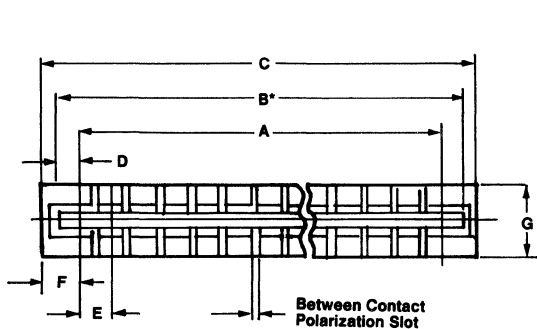
OUTLINE DRAWINGS

98R1

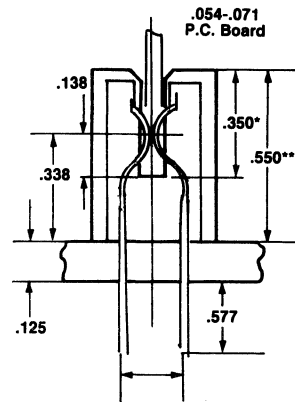


# of Pos.	A		B		C	
	inch	mm	inch	mm	inch	mm
8	.861	21.80	.300	7.62		
10	.981	24.40	.400	10.16	.607	15.42
14	1.161	29.48	.600	15.24	.307	20.50
16	1.261	32.02	.700	17.78	.907	23.04
20	1.481	37.10	.900	22.86	1.107	28.12
26	1.781	44.72	1.200	30.48	1.407	35.74
34	2.161	54.88	1.600	40.84	1.807	45.90
40	2.461	62.50	1.900	48.26	2.107	53.52
50	2.981	75.20	2.400	60.96	2.607	66.22
60	3.461	87.90	2.900	73.86	3.107	78.92
64	3.861	92.98	3.100	78.74	3.307	84.00

103R6



*Customer card mating edge length to be the "B" dimension less .010 ± .005.

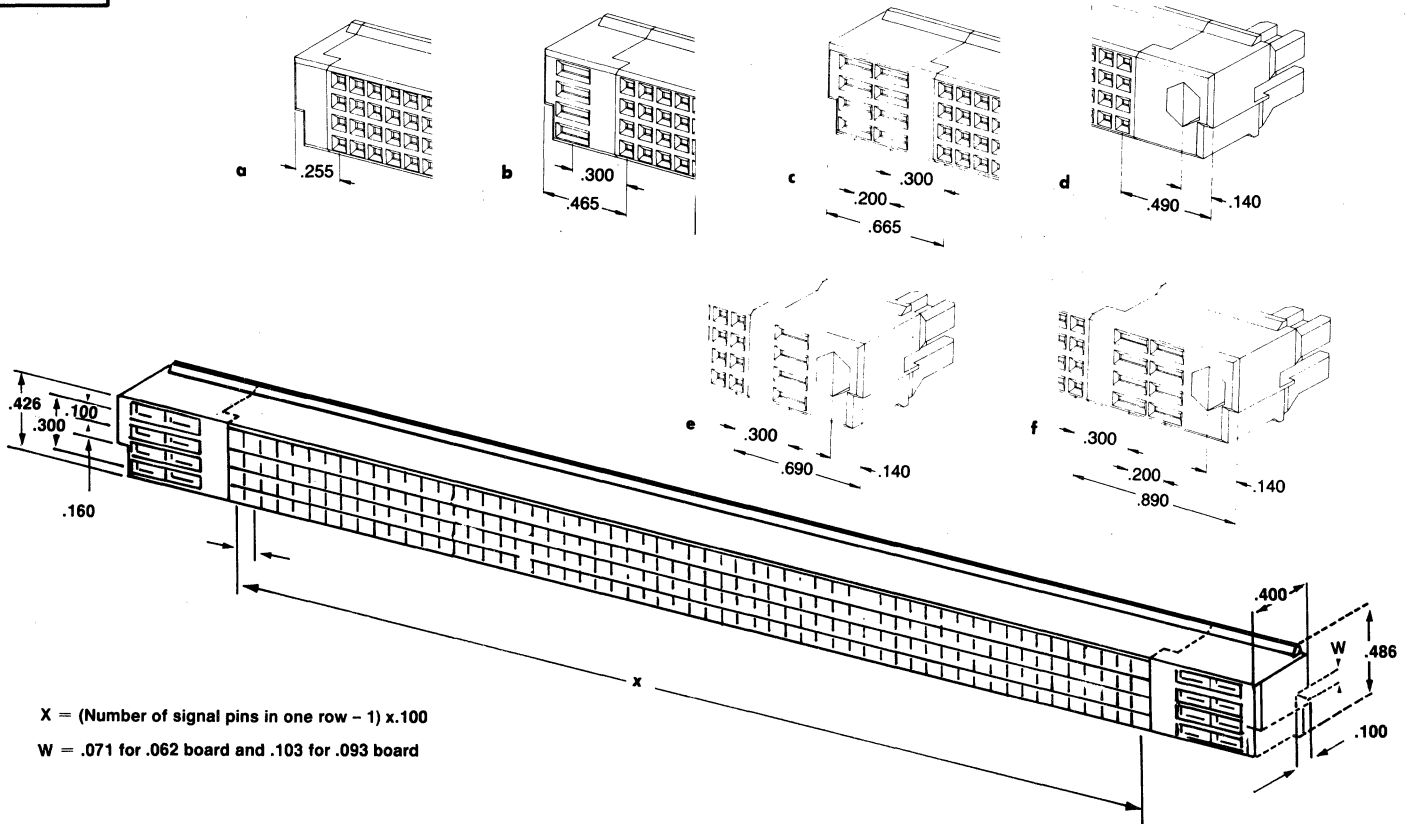


*.300 optional ** .610 optional

Drawing	Dimensions							
	A	B	C	D	E	F	G	H
103R6a	Number Of Contacts Minus One Times E	A + (2 Times D)	A + (2 Times F)	.100	.100	.180	.382	.100
103R6b				.100	.100	.180	.382	.200
103R6c				.115	.125	.180	.294	.125
103R6d				.125	.125	.180	.354	.250
103R6e				.145	.150	.210	.315	.150
103R6f				.156	.156	.218	.294	.200
103R6g				.360	.200	.440	.315	.200

OUTLINE DRAWINGS

103R1

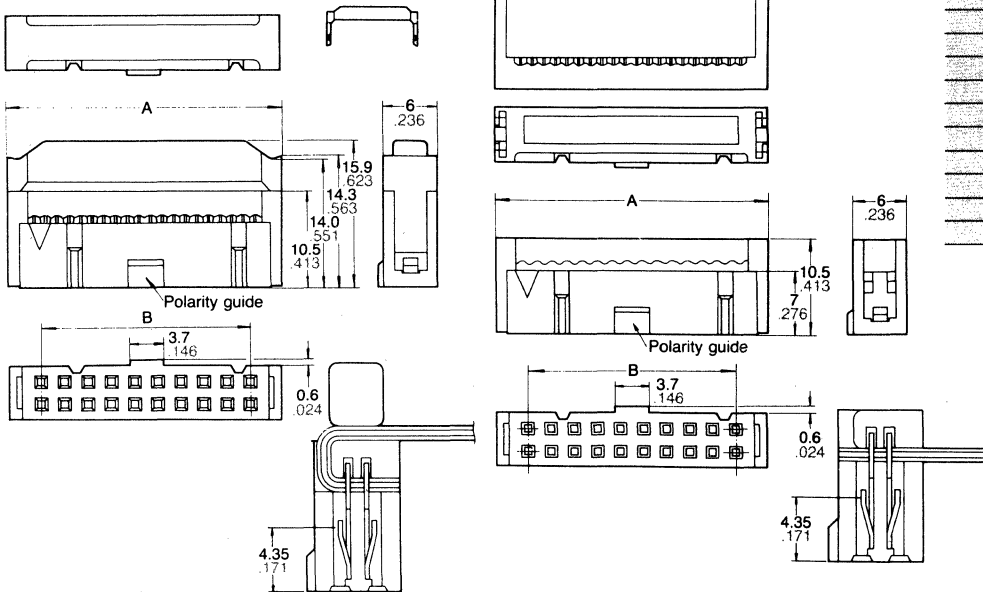


90R1

Socket

With strain relief

Without strain relief



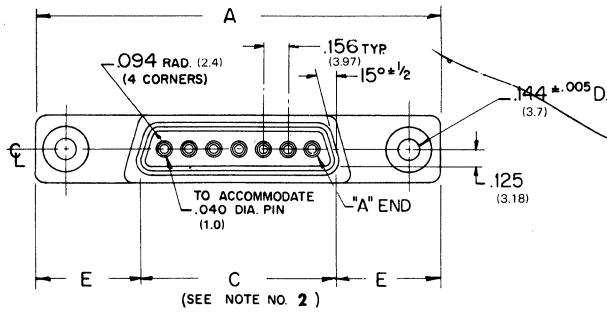
Tolerance: $\pm 0.3 \pm .012$

Dimension table

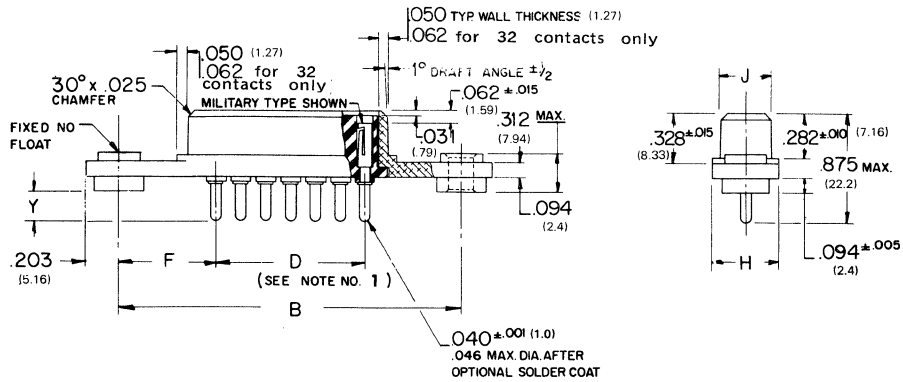
No. of contacts	No. of Polarity slot	A (mm inch)	B (mm inch)
10	0	17.3 .681	10.16 .400
14	1	22.4 .882	15.24 .600
16	1	24.9 .980	17.78 .700
20	1	30.0 1.181	22.86 .900
26	1	37.6 1.480	30.48 1.200
30	1	42.7 1.681	35.56 1.400
34	1	47.8 1.882	40.64 1.600
40	1	55.4 2.181	48.26 1.900
50	1	68.1 2.681	60.96 2.400
60	1	80.8 3.181	73.66 2.900
64	1	85.9 3.382	78.74 3.100

OUTLINE DRAWINGS

112R1



UPCC-FDN()-(062,093,125,OR250)CONNECTOR
(UPCC-FDN7-093 SHOWN)

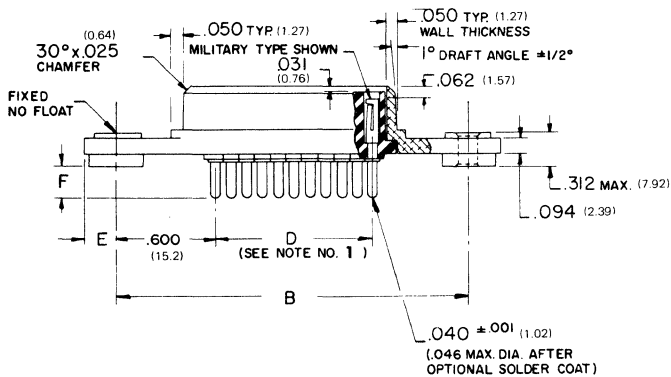
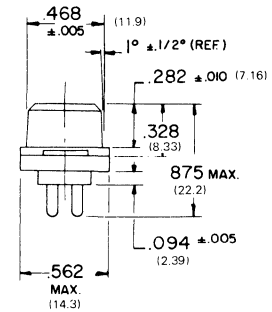
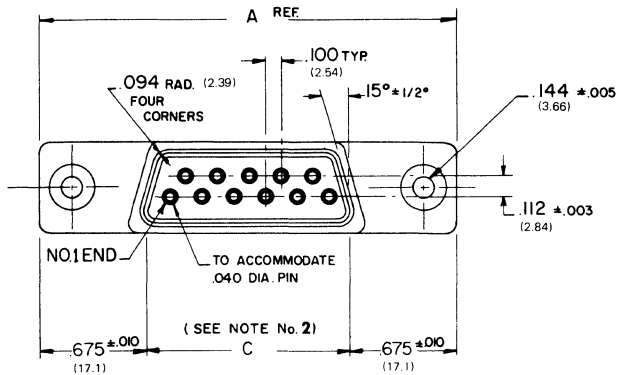


POS.	DIMENSIONS									
	A REF.	B ±.010	C ±.005	D NOM.	E ±.010	F REF.	H MAX	J ±.005	Y ±.015 -.000	THICKNESS OF PRINTED BOARD
7	2.594 (65.9)	2.188 (55.6)	1.244 (31.6)	.936 (23.8)	.675 (17.1)	.626 (15.9)	.438 (11.1)	.344 (8.7)	.125 (3.18)	1/16 (1.6)
									.156 (3.97)	3/32 (2.4)
									.188 (4.76)	1/8 (3.2)
									.312 (7.94)	1/4 (6.35)
11	3.218 (81.7)	2.812 (71.4)	1.868 (47.4)	1.560 (39.6)	.675 (17.1)	.626 (15.9)	.438 (11.1)	.344 (8.7)	.125 (3.18)	1/16 (1.6)
									.156 (3.97)	3/32 (2.4)
									.312 (7.94)	1/4 (6.35)
15	3.842 (97.6)	3.436 (87.3)	2.492 (63.3)	2.184 (55.5)	.675 (17.1)	.626 (15.9)	.438 (11.1)	.344 (8.7)	.125 (3.18)	1/16 (1.6)
									.156 (3.97)	3/32 (2.4)
									.312 (7.94)	1/4 (6.35)
19	4.466 (113.4)	4.060 (103.1)	3.116 (79.1)	2.808 (71.3)	.675 (17.1)	.626 (15.9)	.438 (11.1)	.344 (8.7)	.125 (3.18)	1/16 (1.6)
									.156 (3.97)	3/32 (2.4)
									.312 (7.94)	1/4 (6.35)
23	5.090 (129.3)	4.684 (119.1)	3.432 (95.0)	3.740 (87.2)	.675 (17.1)	.626 (15.9)	.438 (11.1)	.344 (8.7)	.125 (3.18)	1/16 (1.6)
									.156 (3.97)	3/32 (2.4)
									.312 (7.94)	1/4 (6.35)
32	6.574 (167.0)	6.168 (156.7)	+.008 -.010	4.836 (122.8)	.692 (17.6)	.666 (16.9)	.507 (12.9)	.375 (9.5)	.125 (3.18)	1/16 (1.6)
			5.191 (131.9)						.156 (3.97)	3/32 (2.4)
									.188 (4.76)	1/8 (3.2)
									.312 (7.94)	1/4 (6.35)

DIMENSIONS ARE FOR REFERENCE ONLY
Metric equivalents in (mm) are given for general information.

OUTLINE DRAWINGS

112R2



NOTES:

- 1—"D" Dimension: Nominal spacing between any 2 adjacent contacts is $.100 \pm .003$; overall tolerance between any span of 10 contacts is $\pm .003$ inch; overall tolerance over a span of 11 thru 22 contacts is $\pm .004$ inch; over a span of 23 thru 28 contacts is $\pm .006$ inch; over a span of 29 thru 34 contacts is $\pm .007$ inch; over a span of 35 contacts is $\pm .008$ inch.
- 2—"C" Dimension is measured at the base of the draft angle at the top of the boss.

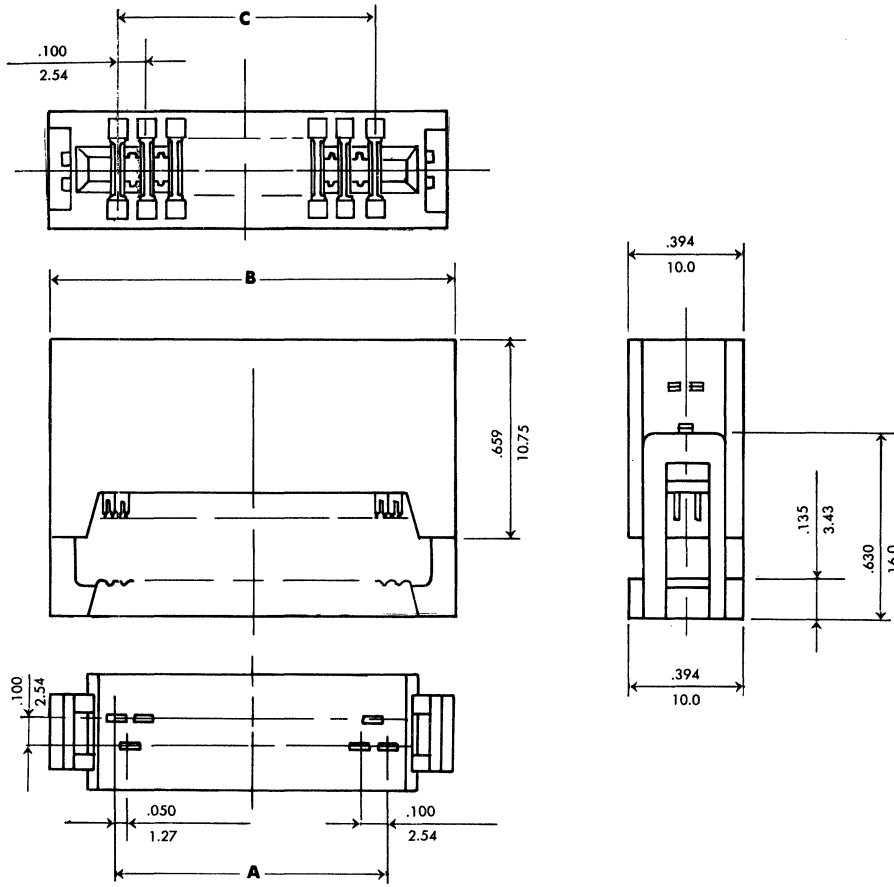
DIMENSIONS

POS.	A	B $\pm .010$	C $\pm .005$	D NOM.	F	G +.015 - .000	THICKNESS OF PRINTED BOARD
11	2.594 (65.9)	2.200 (55.9)	1.244 (31.6)	1.000 (25.4)	.197 (5.0)	.125 (3.18) .188 (4.78) .312 (7.92)	1/16 (1.6) 1/8 (3.2) 1/4 (6.35)
17	3.218 (81.7)	2.800 (71.1)	1.868 (47.4)	1.600 (40.6)	.209 (5.3)	.125 (3.18) .188 (4.78) .312 (7.92)	1/16 (1.6) 1/8 (3.2) 1/4 (6.35)
23	3.842 (97.6)	3.400 (86.4)	2.492 (63.3)	2.200 (55.9)	.221 (5.6)	.125 (3.18) .188 (4.78) .312 (7.92)	1/16 (1.6) 1/8 (3.2) 1/4 (6.35)
29	4.466 (113.4)	4.000 (101.6)	3.116 (79.1)	2.800 (71.1)	.233 (5.9)	.125 (3.18) .188 (4.78) .312 (7.92)	1/16 (1.6) 1/8 (3.2) 1/4 (6.35)
35	5.090 (129.3)	4.600 (116.8)	3.740 (95.0)	3.400 (86.4)	.245 (6.2)	.125 (3.18) .188 (4.78) .312 (7.92)	1/16 (1.6) 1/8 (3.2) 1/4 (6.35)

DIMENSIONS ARE FOR REFERENCE ONLY
METRIC EQUIVALENTS IN (mm) ARE GIVEN FOR GENERAL INFORMATION.

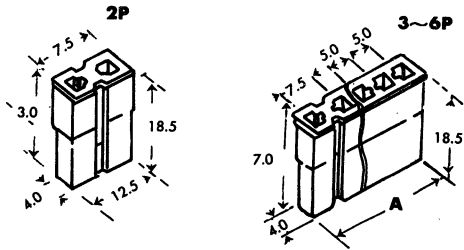
OUTLINE DRAWINGS

113R1



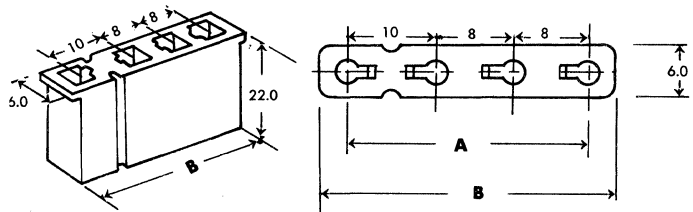
No. of Contact Pos. (Shell Size)	Dimension		
	A	B	C
20	.950	1.374	.900
	24.13	34.9	22.86
26	1.250	1.673	1.200
	31.75	42.5	30.48
34	1.650	2.075	1.600
	41.91	52.7	40.64
40	1.950	2.370	1.900
	49.53	60.2	48.26
50	2.450	2.874	2.400
	62.63	73.0	60.96

113R2



Pole	Dimension (mm)	
	A ± 0.1	B ± 0.3
1		6.8
2	7.50	13.8
3	12.50	18.8
4	17.50	23.8
5	22.50	28.8
6	27.50	33.8

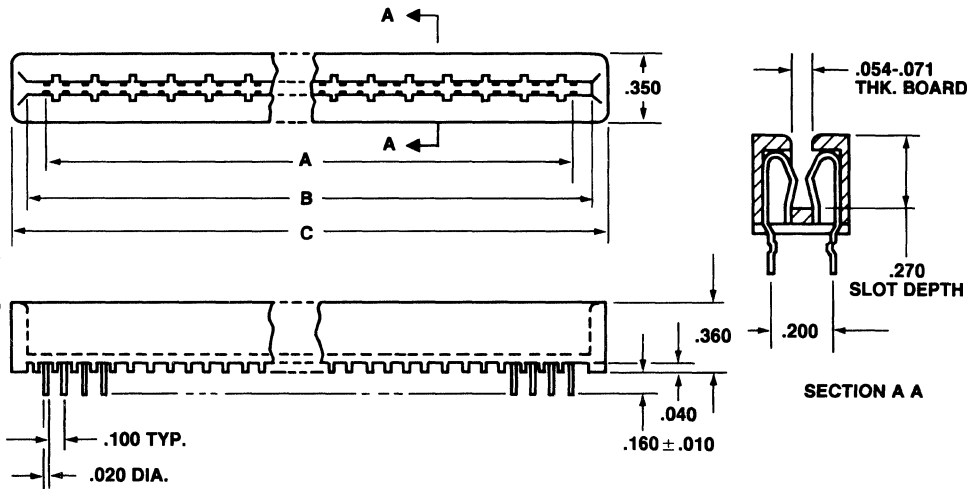
113R3



Pole	Dimension (mm)	
	A ± 0.1	B ± 0.3
1		7.5
2	10.0	16.0
3	18.0	24.0
4	26.0	32.0
5	34.0	40.0
6	42.0	48.0

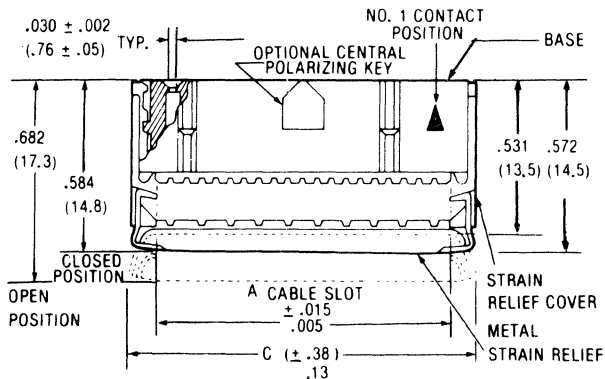
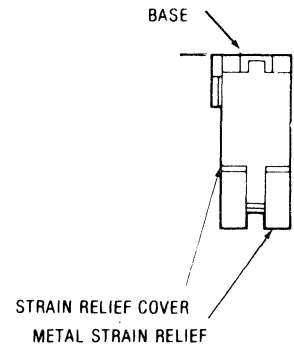
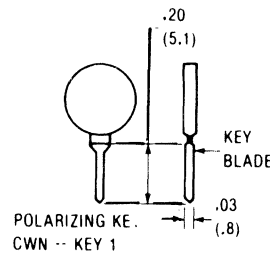
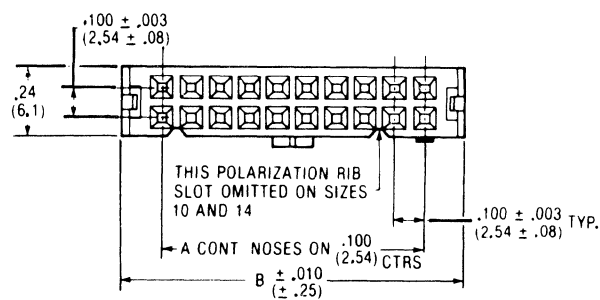
OUTLINE DRAWINGS

102R1



Number of Dual Positions	A	B	C
2	.100	.300	.460
3	.200	.400	.560
4	.300	.500	.660
5	.400	.600	.760
6	.500	.700	.860
7	.600	.800	.960
8	.700	.900	1.060
9	.800	1.000	1.160
10	.900	1.100	1.260
11	1.000	1.200	1.360
12	1.100	1.300	1.460
13	1.200	1.400	1.560
14	1.300	1.500	1.660
15	1.400	1.600	1.760
16	1.500	1.700	1.860
17	1.600	1.800	1.960
18	1.700	1.900	2.060
19	1.800	2.000	2.160
20	1.900	2.100	2.260
21	2.000	2.200	2.360
22	2.100	2.300	2.460
23	2.200	2.400	2.560
24	2.300	2.500	2.660
25	2.400	2.600	2.760
26	2.500	2.700	2.860
27	2.600	2.800	2.960
28	2.700	2.900	3.060
29	2.800	3.000	3.160
30	2.900	3.100	3.260
31	3.000	3.200	3.360
32	3.100	3.300	3.460
33	3.200	3.400	3.560
34	3.300	3.500	3.660
35	3.400	3.600	3.760
36	3.500	3.700	3.860
37	3.600	3.800	3.960
38	3.700	3.900	4.060
39	3.800	4.000	4.160
40	3.900	4.100	4.260
41	4.000	4.200	4.360
42	4.100	4.300	4.460
43	4.200	4.400	4.560
44	4.300	4.500	4.660
45	4.400	4.600	4.760
46	4.500	4.700	4.860
47	4.600	4.800	4.960
48	4.700	4.900	5.060
49	4.800	5.000	5.160
50	4.900	5.100	5.260

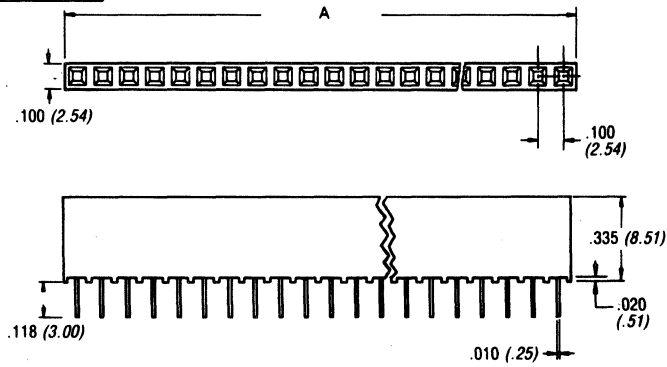
116R1



CONNECTOR DIMENSIONS			
# Confs.	A	B	C
10	.515 (13.08)	.677 (17.20)	.690 (17.53)
14	.715 (18.16)	.877 (22.28)	.890 (22.61)
16	.815 (20.70)	.977 (24.82)	.990 (25.15)
20	1.015 (25.78)	1.177 (29.90)	1.190 (30.23)
26	1.315 (33.40)	1.477 (37.52)	1.490 (37.85)
34	1.715 (43.56)	1.877 (47.68)	1.890 (48.01)
40	2.015 (51.18)	2.177 (55.30)	2.190 (55.63)
50	2.515 (63.88)	2.677 (68.00)	2.690 (68.33)
60	3.015 (76.58)	3.177 (80.70)	3.190 (81.03)

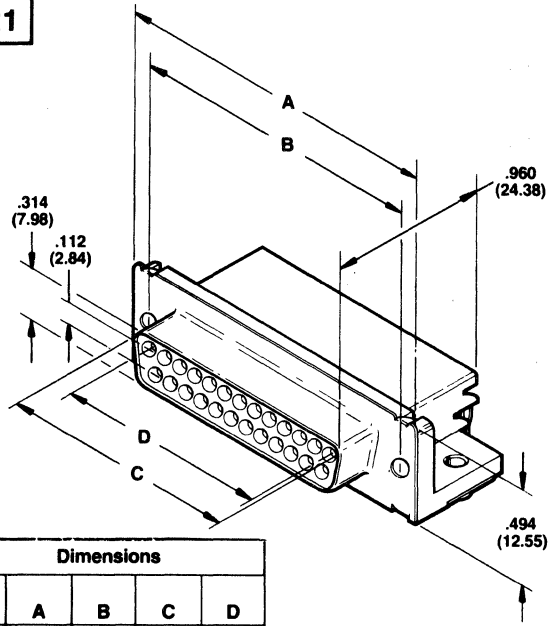
OUTLINE DRAWINGS

107R2



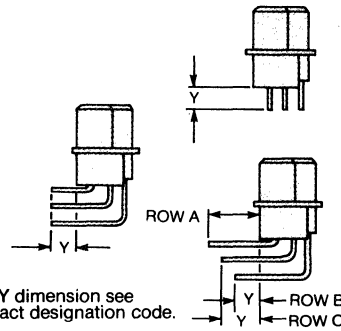
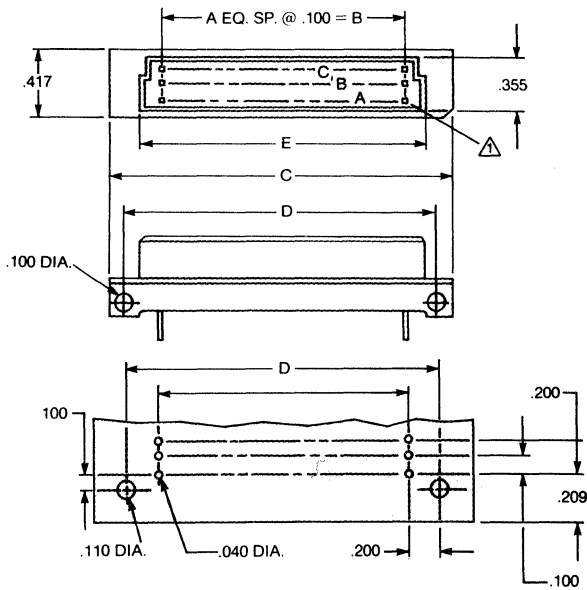
Dimensions			
Number of Contacts	A	Number of Contacts	A
1	.100 (2.54)	19	1.90 (48.26)
2	.200 (5.08)	20	2.00 (50.80)
3	.300 (7.62)	21	2.10 (53.34)
4	.400 (10.16)	22	2.20 (55.88)
5	.500 (12.70)	23	2.30 (58.42)
6	.600 (15.24)	24	2.40 (60.96)
7	.700 (17.78)	25	2.50 (63.50)
8	.800 (20.32)	26	2.60 (66.04)
9	.900 (22.86)	27	2.70 (68.58)
10	1.00 (25.40)	28	2.80 (71.12)
11	1.10 (27.94)	29	2.90 (73.66)
12	1.20 (30.48)	30	3.00 (76.20)
13	1.30 (33.02)	31	3.10 (78.74)
14	1.40 (35.56)	32	3.20 (81.28)
15	1.50 (38.10)	33	3.30 (83.82)
16	1.60 (40.64)	34	3.40 (86.36)
17	1.70 (43.18)	35	3.50 (88.90)
18	1.80 (45.72)	36	3.60 (91.44)

107R1



Dimensions				
Size	A	B	C	D
9	1.224 (31.10)	.984 (25.00)	.646 (16.41)	.436 (11.08)
15	1.552 (39.43)	1.312 (33.33)	.974 (24.75)	.763 (19.38)
25	2.092 (53.15)	1.852 (47.05)	1.514 (38.47)	1.308 (33.22)
37	2.740 (69.61)	2.500 (63.52)	2.162 (54.93)	1.962 (49.85)
Tol.			± .003 (± .08)	± .005 (± .13)

121R28

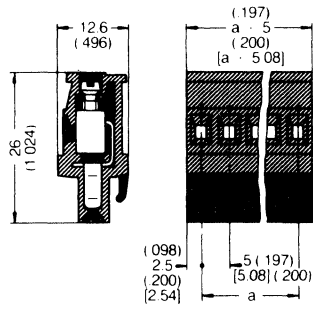


For Y dimension see contact designation code.

NO. OF POS.	A	B	C	D	E
48	15	1.500	2.096	1.900	1.743
96	31	3.100	3.969	3.500	3.343
150	49	4.900	5.496	5.300	5.143
201	66	6.600	7.196	7.000	6.843
064	31	3.100	3.696	3.500	3.343

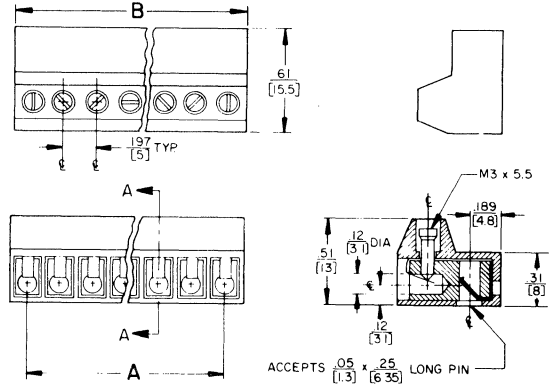
OUTLINE DRAWINGS

104R3



Number of Positions	a	b
2	5 (.197)	5.08 (.200)
3	10 (.394)	10.16 (.400)
4	15 (.591)	15.24 (.600)
5	20 (.787)	20.32 (.800)
6	25 (.984)	25.40 (1.000)
7	30 (1.181)	30.48 (1.200)
8	35 (1.378)	35.56 (1.400)
9	40 (1.575)	40.64 (1.600)
10	45 (1.772)	45.72 (1.800)
11	50 (1.969)	50.80 (2.000)
12	55 (2.165)	55.88 (2.200)
13	60 (2.362)	60.96 (2.400)
14	65 (2.550)	66.04 (2.600)
15	70 (2.756)	71.12 (2.800)
16	75 (2.953)	76.20 (3.000)
17	80 (3.150)	81.28 (3.200)
18	85 (3.346)	86.36 (3.400)
19	90 (3.543)	91.44 (3.600)
20	95 (3.740)	96.52 (3.800)
21	100 (3.937)	101.60 (4.000)
22	105 (4.134)	106.68 (4.200)
23	110 (4.331)	111.76 (4.400)
24	115 (4.528)	116.84 (4.600)

118R1



900 SERIES

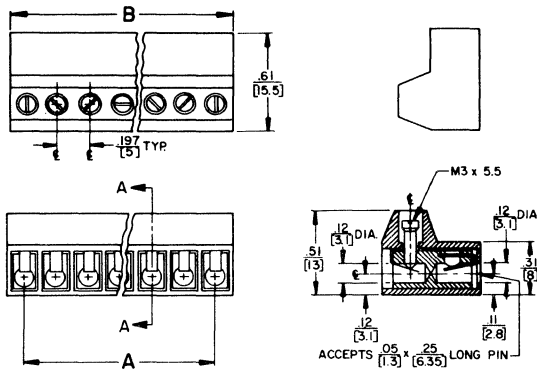
DIMENSIONS¹ (mm)

Positions	A	B
02	5	10
03	10	15
04	15	20
05	20	25
06	25	30
07	30	35
08	35	40
09	40	45
10	45	50
11	50	55
12	55	60
13	60	65
14	65	70
15	70	75
16	75	80
17	80	85
18	85	90
19	90	95
20	95	100
21	100	105
22	105	110
23	110	115
24	115	120

1. For inches, multiply by .03937

SECTION A-A

118R2



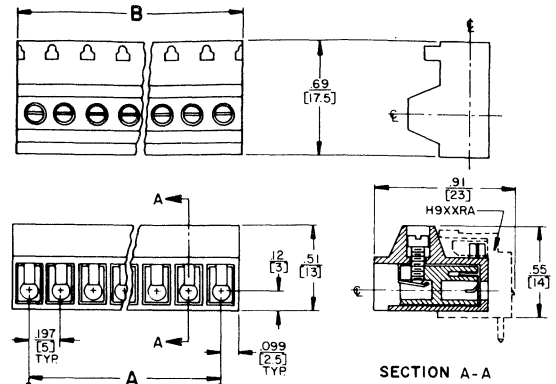
900-VM SERIES

DIMENSIONS¹ (mm)

Positions	A	B
02	5	10
03	10	15
04	15	20
05	20	25
06	25	30
07	30	35
08	35	40
09	40	45
10	45	50
11	50	55
12	55	60
13	60	65
14	65	70
15	70	75
16	75	80
17	80	85
18	85	90
19	90	95
20	95	100
21	100	105
22	105	110
23	110	115
24	115	120

1. For inches, multiply by .03937

118R3



900-RA SERIES

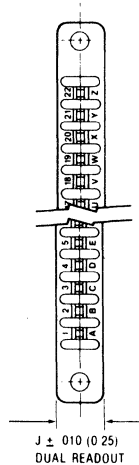
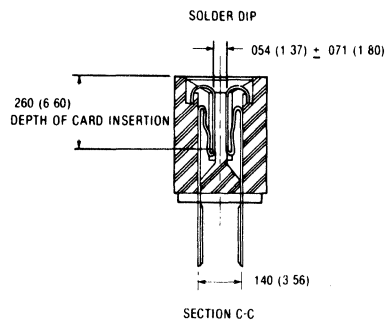
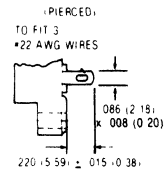
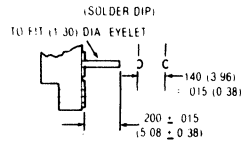
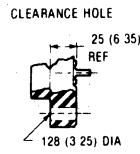
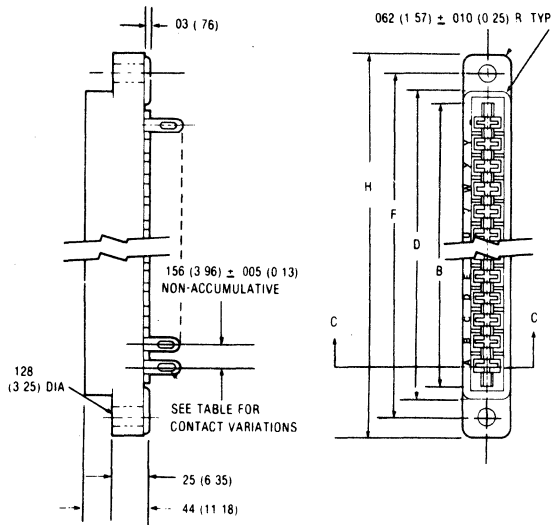
DIMENSIONS¹ (mm)

Positions	A	B
02	5	10
03	10	15
04	15	20
05	20	25
06	25	30
07	30	35
08	35	40
09	40	45
10	45	50
11	50	55
12	55	60

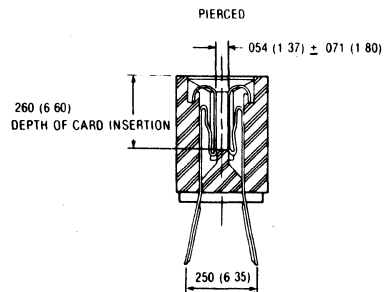
1. For inches, multiply by .03937

OUTLINE DRAWINGS

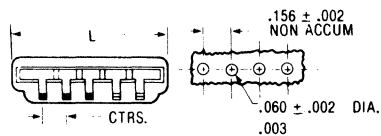
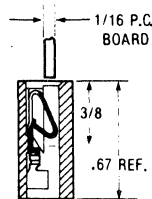
116R5



Contact Positions	B	D	F	H	J
6	1 100 (27 94)	1 218 (30 94)	1 531 (38 89)	1 78 (45 21)	328 (8 33)
10	1 724 (43 79)	1 843 (46 81)	2 156 (54 76)	2 41 (61 21)	328 (8 33)
12	2 036 (51 71)	2 156 (54 76)	2 468 (62 69)	2 72 (69 09)	328 (8 33)
15	2 504 (63 60)	2 624 (66 65)	2 937 (74 60)	3 19 (81 30)	328 (8 33)
18	2 972 (75 49)	3 093 (78 56)	3 406 (86 51)	3 66 (92 96)	328 (8 33)
22	3 596 (91 34)	3 717 (94 41)	4 031 (102 39)	4 28 (108 71)	328 (8 33)

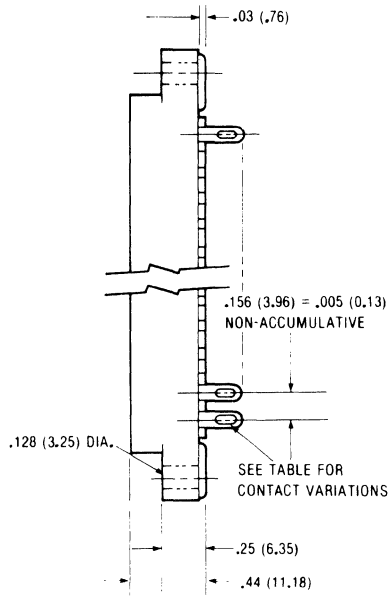


116R2

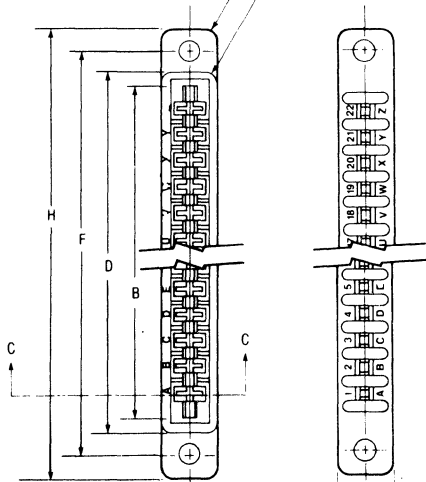


OUTLINE DRAWINGS

116R4

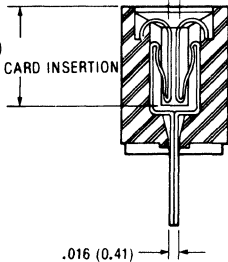


.062 (1.57) = .010 (0.25) R. TYP.



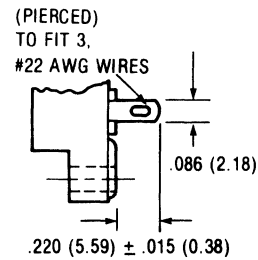
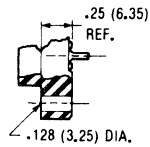
.054 (1.37) = .071 (1.80)
CARD THICKNESS

.300 (7.62)
DEPTH OF CARD INSERTION



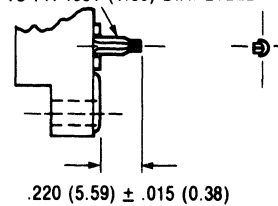
.328 (8.33) = .010 (0.25)
SINGLE READOUT

CLEARANCE HOLE



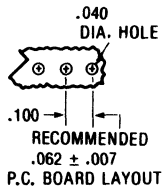
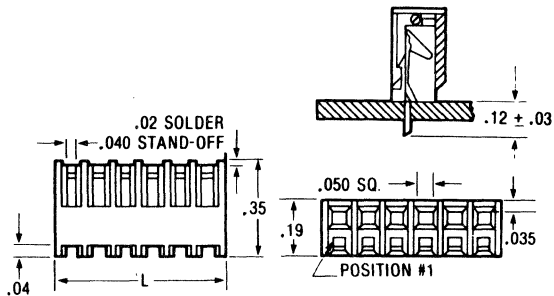
Contact Positions	B	D	F	H
6	1.100 (27.94)	1.218 (30.94)	1.531 (38.89)	1.78 (45.21)
10	1.724 (43.79)	1.843 (46.81)	2.156 (54.76)	2.41 (61.21)
12	2.036 (51.71)	2.156 (54.76)	2.468 (62.69)	2.72 (69.09)
15	2.504 (63.60)	2.624 (66.65)	2.937 (74.60)	2.19 (81.03)
18	2.972 (75.49)	3.093 (78.56)	3.406 (86.51)	3.66 (92.96)
22	3.596 (91.34)	3.717 (94.41)	4.031 (102.39)	4.28 (108.71)

(SOLDER DIP)
TO FIT .051 (1.30) DIA. EYELET



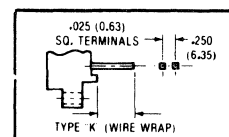
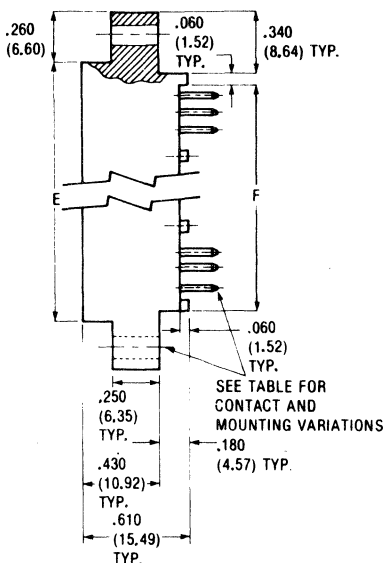
OUTLINE DRAWINGS

116R3



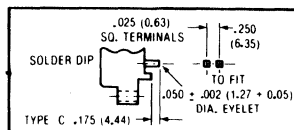
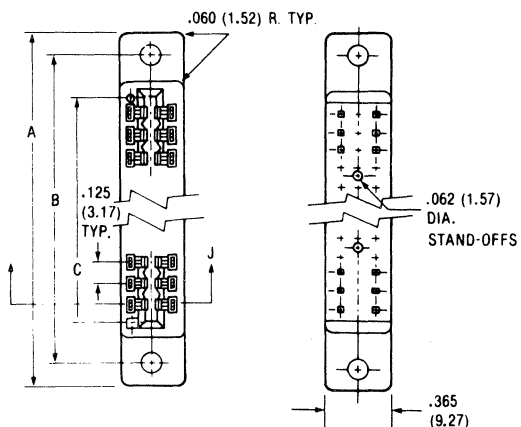
Contact Positions	Mate With	Dim "L"
2	41-042	0.20
4	41-044	0.40
6	41-046	0.60
8	41-048	0.80
10	41-050	1.00

116R6



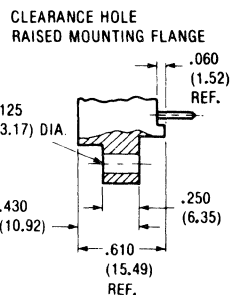
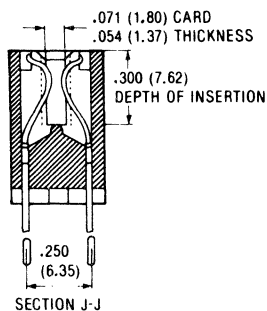
Wire Wrap Terminals

Contact Positions Per Side	A	B	C	E	F
30	4.555 (115.70)	4.295 (109.09)	3.875 (98.42)	4.035 (102.49)	3.875 (98.42)
40	5.805 (147.45)	5.545 (140.84)	5.125 (130.18)	5.285 (134.24)	5.125 (130.18)
50	7.055 (179.20)	6.795 (172.59)	6.375 (161.92)	6.535 (165.99)	6.375 (161.92)



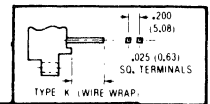
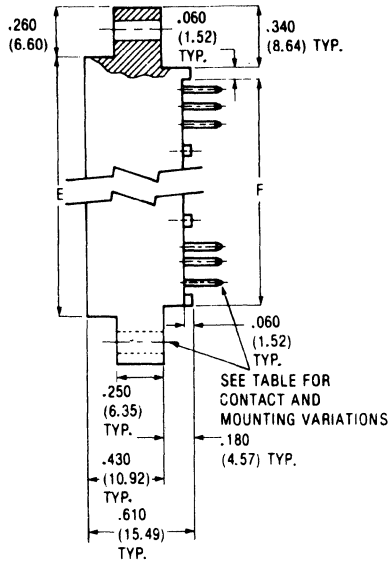
Solder Dip Contact Terminals

25	3.930 (99.82)	3.670 (93.22)	3.250 (82.55)	3.410 (86.61)	3.250 (82.55)
30	4.555 (115.70)	4.295 (109.09)	3.875 (98.42)	4.035 (102.49)	3.875 (98.42)
35	5.180 (131.57)	4.920 (124.97)	4.500 (114.30)	4.660 (118.36)	4.500 (114.30)
40	5.805 (147.45)	5.545 (140.84)	5.125 (130.18)	5.285 (134.24)	5.125 (130.18)
50	7.055 (179.20)	6.795 (172.59)	6.375 (161.92)	6.535 (165.99)	6.375 (161.92)



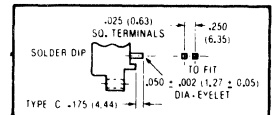
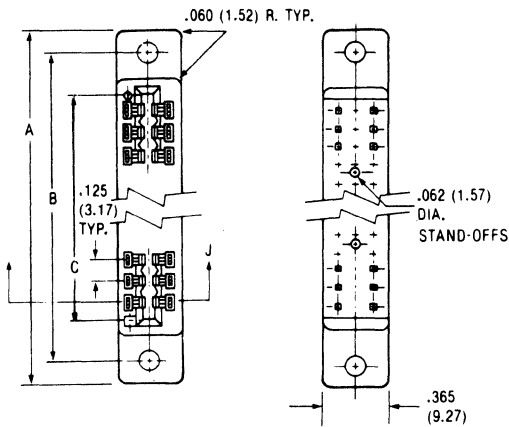
OUTLINE DRAWINGS

116R7



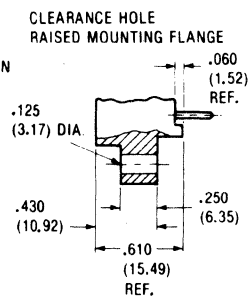
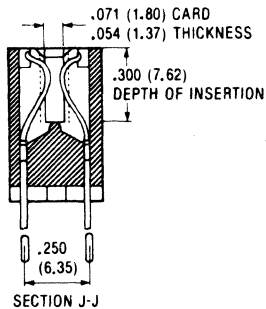
Wire Wrap Terminals

Contact Positions Per Side	A	B	C	E	F
15	2.335 (59.31)	2.075 (52.70)	1.600 (40.64)	1.760 (44.70)	1.650 (41.91)
30	3.835 (97.41)	3.575 (90.80)	3.100 (78.74)	3.260 (82.80)	3.150 (80.11)
50	5.835 (148.21)	5.575 (141.60)	5.100 (129.54)	5.260 (133.60)	5.150 (130.81)



Dip Contact Terminals

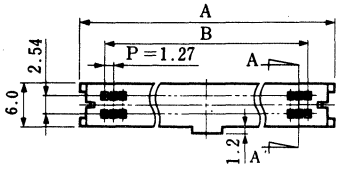
15	2.335 (59.31)	2.075 (52.70)	1.600 (40.64)	1.760 (44.70)	1.650 (41.91)
18	2.635 (66.93)	2.375 (60.32)	1.900 (48.26)	2.060 (52.32)	1.950 (49.53)
22	3.035 (77.09)	2.775 (70.48)	2.300 (58.42)	2.460 (62.48)	2.350 (59.69)
28	3.635 (92.33)	3.375 (85.72)	2.900 (73.66)	3.060 (77.72)	2.950 (74.93)
30	3.835 (97.41)	3.575 (90.80)	3.100 (78.74)	3.260 (82.80)	3.150 (80.01)
35	4.335 (110.11)	4.075 (103.50)	3.600 (91.44)	3.760 (95.50)	3.650 (92.71)
50	5.835 (148.21)	5.575 (141.60)	5.100 (129.54)	5.260 (133.60)	5.150 (130.81)



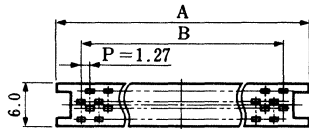
OUTLINE DRAWINGS

120R1

Body

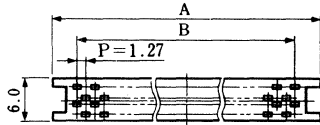
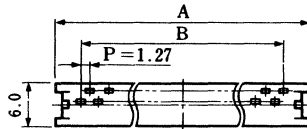


Cover A

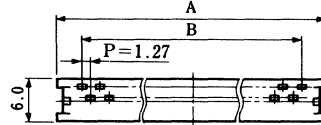


(20,32,40,52,60,68,80,100)

Cover B

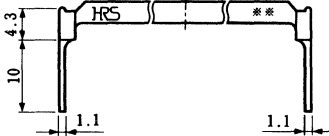
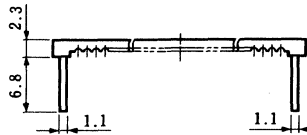
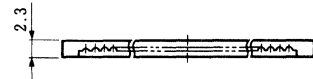
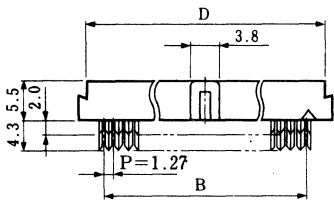
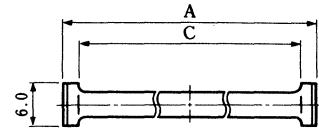


(26,34,50)



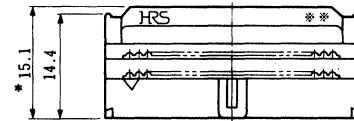
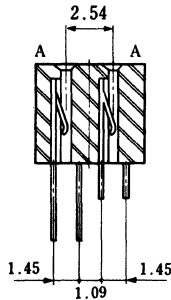
(26,34,50)

Strain Relief



(DIMENSIONS IN mm)

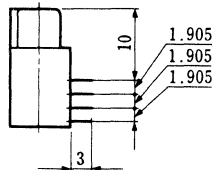
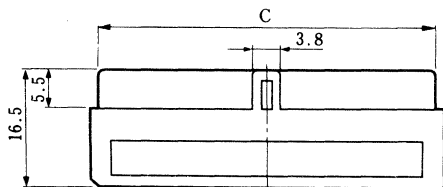
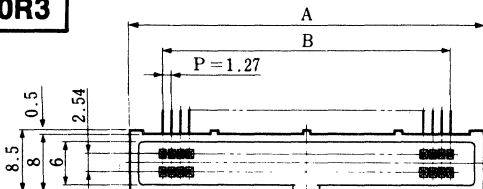
POSITIONS	A	B	C	D
20	18.55	11.43	13.95	16.35
26	22.36	15.24	17.76	20.16
32	26.17	19.05	21.57	23.97
34	27.44	20.32	22.84	25.24
40	31.25	24.13	26.65	29.05
50	37.60	30.48	33.00	35.40
52	38.87	31.75	34.27	36.67
60	43.95	36.83	39.35	41.75
68	49.03	41.91	44.43	46.83
80	56.65	49.53	52.05	54.45
100	69.35	62.23	64.75	67.15



Assembled

* 17.1 mm for 100 positions

120R3

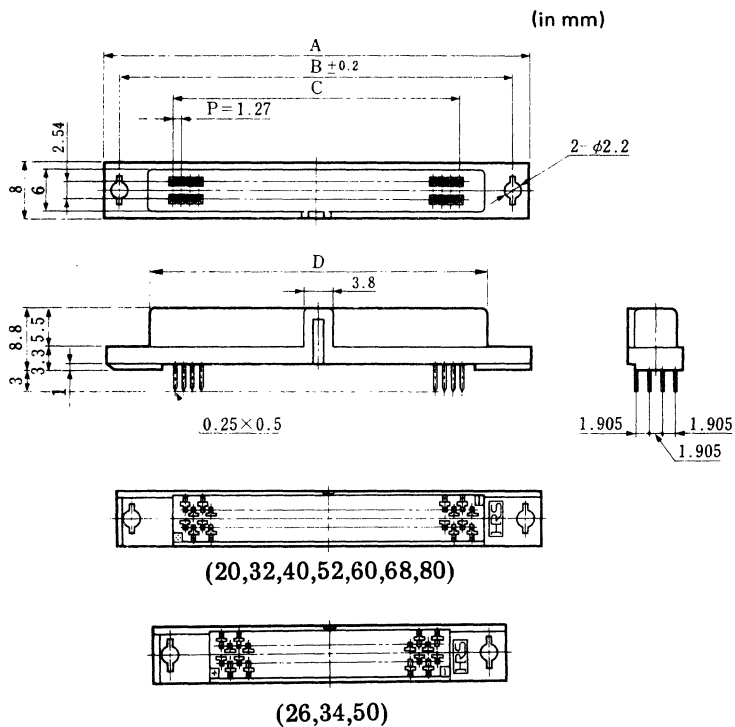


(DIMENSIONS IN mm)

POSITIONS	A	B	C
20	20.95	11.43	18.55
26	24.76	15.24	22.36
32	28.57	19.05	26.17
34	29.84	20.32	27.44
40	33.65	24.13	31.25
50	40.00	30.48	37.60
52	41.27	31.75	38.87
60	46.35	36.83	43.95
68	51.43	41.91	49.03
80	59.05	49.53	56.65

OUTLINE DRAWINGS

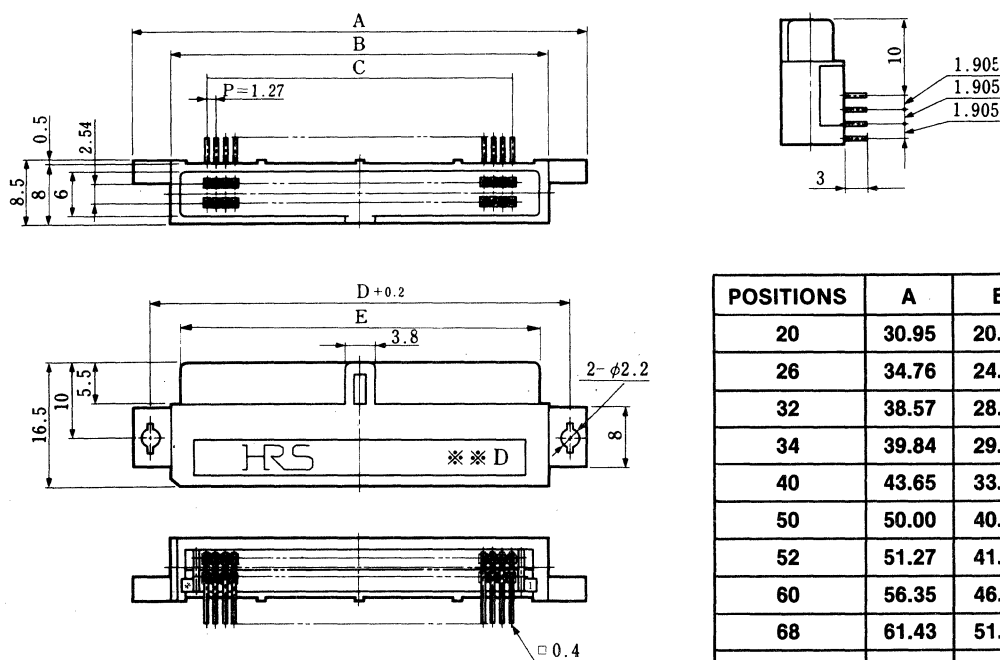
120R4



(DIMENSIONS IN mm)

POSITIONS	A	B	C	D
20	30.95	26.67	11.43	18.55
26	34.76	30.48	15.24	22.36
32	38.57	34.29	19.05	26.17
34	39.84	35.56	20.32	27.44
40	43.65	39.37	24.13	31.25
50	50.00	45.72	30.48	37.60
52	51.27	46.99	31.75	38.87
60	56.35	52.07	36.83	43.95
68	61.43	57.15	41.91	49.03
80	69.05	64.77	49.53	56.65

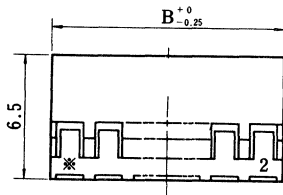
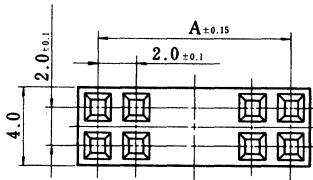
120R5



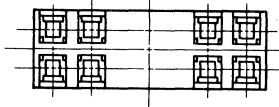
POSITIONS	A	B	C	D	E
20	30.95	20.95	11.43	26.67	18.55
26	34.76	24.76	15.24	30.48	22.36
32	38.57	28.57	19.05	34.29	26.17
34	39.84	29.84	20.32	35.56	27.44
40	43.65	33.65	24.13	39.37	31.25
50	50.00	40.00	30.48	45.72	37.60
52	51.27	41.27	31.75	46.99	38.87
60	56.35	46.35	36.83	52.07	43.95
68	61.43	51.43	41.91	57.15	49.03
80	69.05	59.05	49.53	64.77	56.65

OUTLINE DRAWINGS

120R6

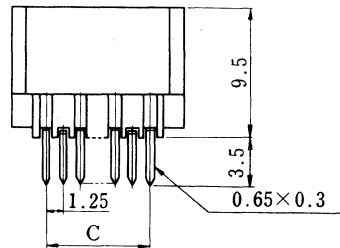
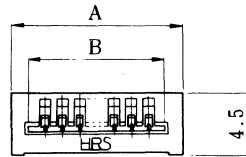


Indicates position and number of contacts



POSITIONS	A	B
4	2.0	4.0
6	4.0	6.0
8	6.0	8.0
10	8.0	10.0
12	10.0	12.0
14	12.0	14.0
18	16.0	18.0
20	18.0	20.0
24	22.0	24.0
28	26.0	28.0

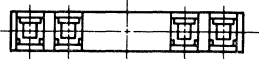
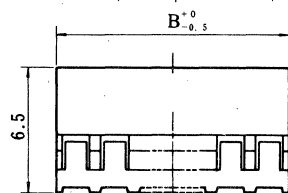
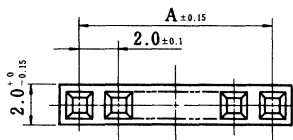
120R8



(DIMENSIONS IN mm)

POSITIONS	A	B	C
4	8.7	6.27	3.75
7	12.45	10.02	7.5
8	13.7	11.27	8.75
10	16.2	13.77	11.25
12	18.7	16.27	13.75
13	19.95	17.52	15
14	21.2	18.77	16.25
16	23.7	21.27	18.75
17	24.95	22.52	20
20	28.7	26.27	23.75
22	31.2	28.77	26.25
24	33.7	31.27	28.75
30	41.2	38.77	36.25

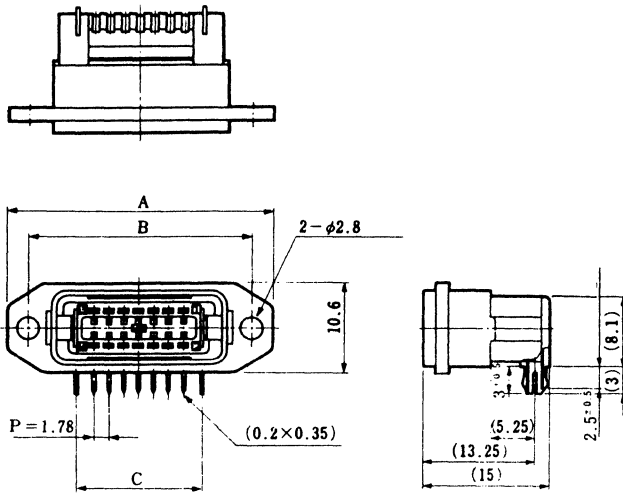
120R7



POSITIONS	A	B
2	2.0	4.0
3	4.0	6.0
4	6.0	8.0
5	8.0	10.0
6	10.0	12.0
8	14.0	16.0
10	18.0	20.0
12	22.0	24.0

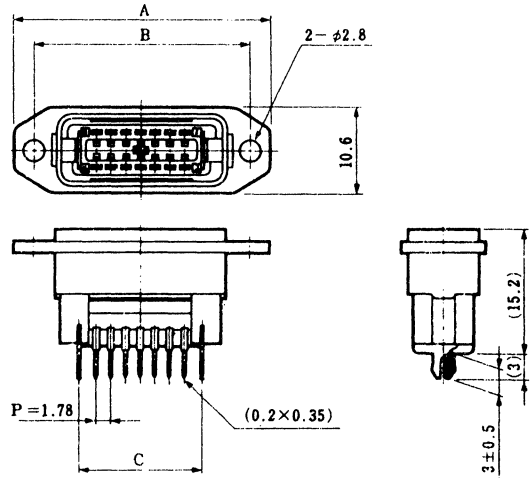
OUTLINE DRAWINGS

120R10



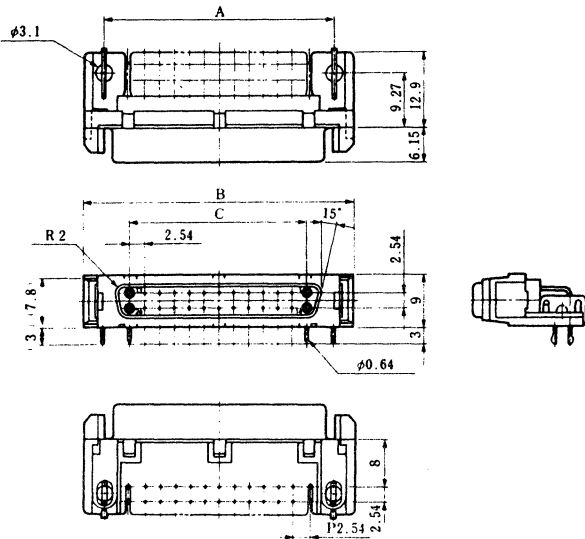
mm			
No. of Pin	A	B	C
8	26.02	21.02	9.62
14	31.36	26.36	14.96
26	42.04	37.04	25.64
32	47.38	42.38	30.98

120R11



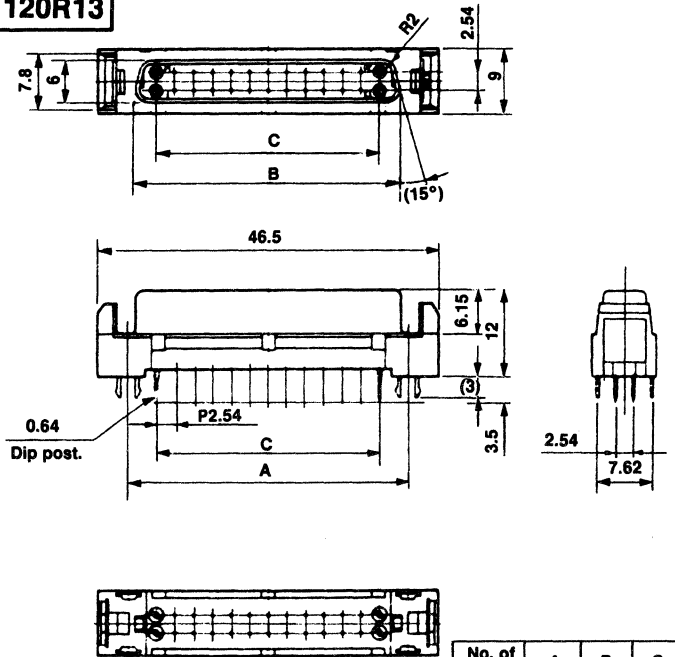
mm			
No. of Pin	A	B	C
8	26.02	21.02	9.62
14	31.36	26.36	14.96
26	42.04	37.04	25.64
32	47.38	42.38	30.98

120R12



Unit: mm			
No. of Pin	A	B	C
20	32	38.9	22.86
26	39.6	46.5	30.48
36	52.3	59.2	43.18
50	70.1	77	60.96

120R13

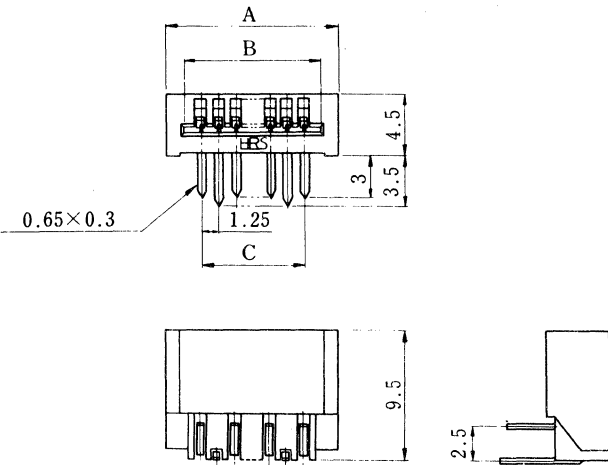


No. of Pin	A	B	C
*20			
26	38.1	36.3	30.48
*36			
*50			

Note: Items with asterisk are not available yet.

OUTLINE DRAWINGS

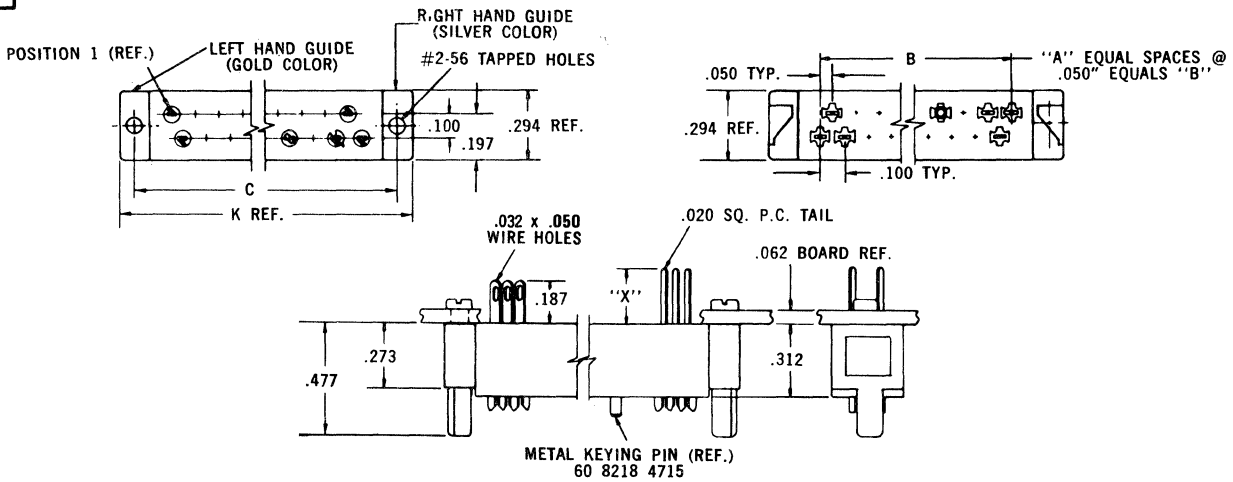
120R9



(DIMENSIONS IN mm)

POSITIONS	A	B	C
4	8.7	6.27	3.75
7	12.45	10.02	7.5
8	13.7	11.27	8.75
10	16.2	13.77	11.25
12	18.7	16.27	13.75
13	19.95	17.52	15
14	21.2	18.77	16.25
16	23.7	21.27	18.75
17	24.95	22.52	20
20	28.7	26.27	23.75
22	31.2	28.77	26.25
24	33.7	31.27	28.75
30	41.2	38.77	36.25

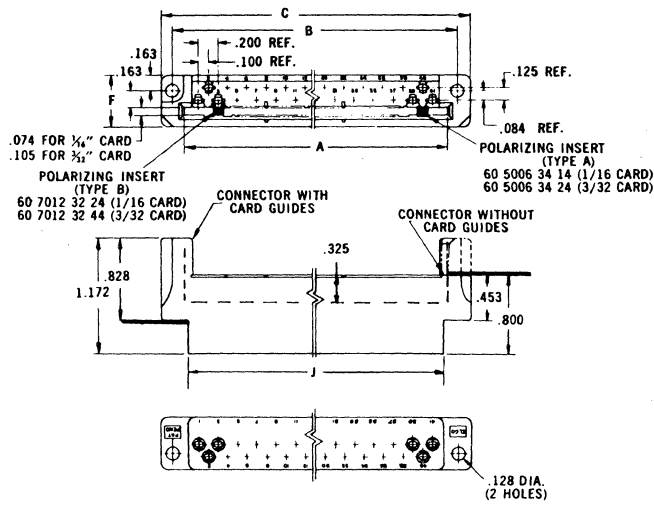
121R1



NUMBER OF CONTACTS	DIMENSIONS							REF. K
	A	B	C	REF. D	E	F	G	
18	17	.850	1.150	1.290	1.400	1.540	.064	1.300
30	29	1.450	1.750	1.890	2.000	2.140	1.564	1.900
36	35	1.750	2.050	2.190	2.300	2.440	1.864	2.200
42	41	2.050	2.350	2.490	2.600	2.740	2.164	2.500
54	53	2.650	2.950	3.090	3.200	3.340	2.164	3.100
72	71	3.550	3.850	3.990	4.100	4.340	3.664	4.000

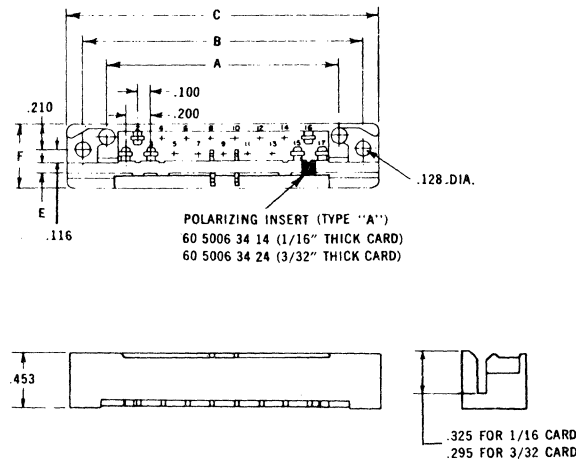
OUTLINE DRAWINGS

121R4



NUMBER OF CONTACTS	A BOTTOM	B	C	D	F	G	H ±.003	J	L ±.010 -.000	M
17	1.920	2.134	2.406	1.858	.531	.571	1.600	1.818	1.900	2.097
23	2.520	2.734	3.006	2.458	.531	.571	2.200	2.418	2.500	2.697
29	3.120	3.334	3.606	3.058	.531	.571	2.800	3.018	3.100	3.297
35	3.720	3.934	4.206	3.658	.531	.571	3.400	3.618	3.700	3.897
41	4.320	4.534	4.806	4.258	.531	.571	4.000	4.218	4.300	4.497
47	5.030	5.352	5.620	5.068	.594	.634	4.600	5.028	5.010	5.207
59	6.230	6.552	6.820	6.268	.594	.634	5.800	6.228	6.210	—

121R6



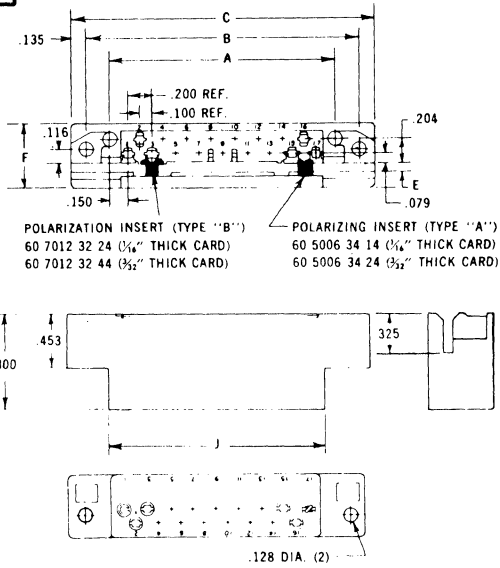
NUMBER OF CONTACTS	A	B	C MAX.	D	E ±.003 ±.002		F	G††		H	H††	
					1/16 CARD	3/32 CARD		CON	N-CON		CON	N-CON
					17	1.900		2.300	2.570		1.835	.074
23	2.500	2.900	3.170	2.435	.074	.105	1/16	.468	.343	2.200	.208	.146
29	3.100	3.500	3.770	3.035	.074	.105	1/16	.468	.343	2.800	.208	.146
35	3.700	4.100	4.370	3.635	.074	.105	1/16	.468	.343	3.400	.208	.146
41	4.300	4.700	4.970	4.235	.074	.105	1/16	.468	.343	4.000	.208	.146

††N-CON=Non-Conductive Chassis (1/16" Clearance Around Contacts)

CON=Conductive Chassis (1/16" Clearance Around Contacts)

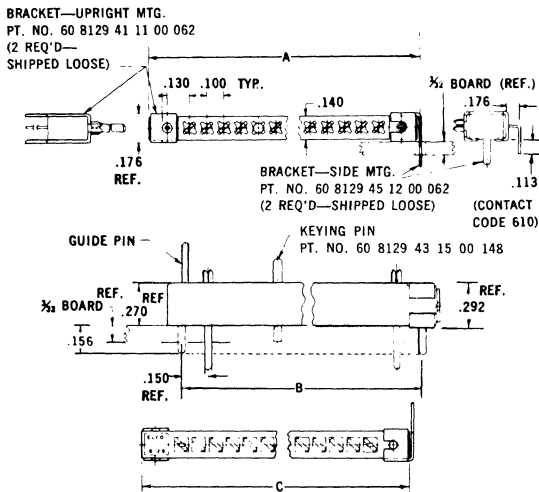
OUTLINE DRAWINGS

121R7



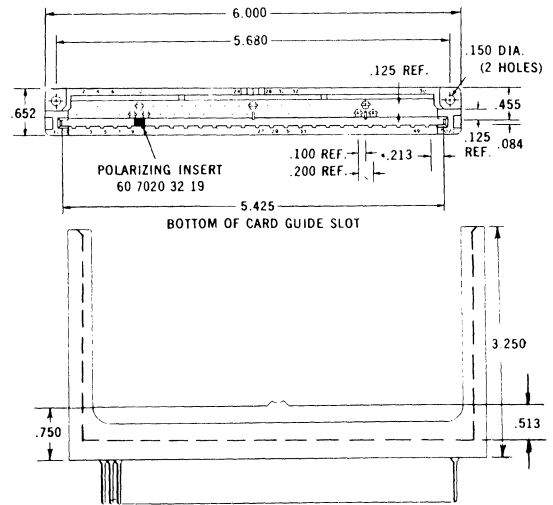
Number of Contacts	A	B	C Max.	D	E		F	G	J
					1/4" CARD	3/32" CARD			
17	1.900	2.300	2.570	1.890	.074	.105	1/32	.571	1.850
23	2.500	2.900	3.170	2.490	.074	.105	1/32	.571	2.450
29	3.100	3.500	3.770	3.090	.074	.105	1/32	.571	3.050
35	3.700	4.100	4.370	3.690	.074	.105	1/32	.571	3.650
41	4.300	4.700	4.970	4.290	.074	.105	1/32	.571	4.250
47	4.900	5.300	5.570	4.890	.074	.105	1/32	.634	4.850

121R8

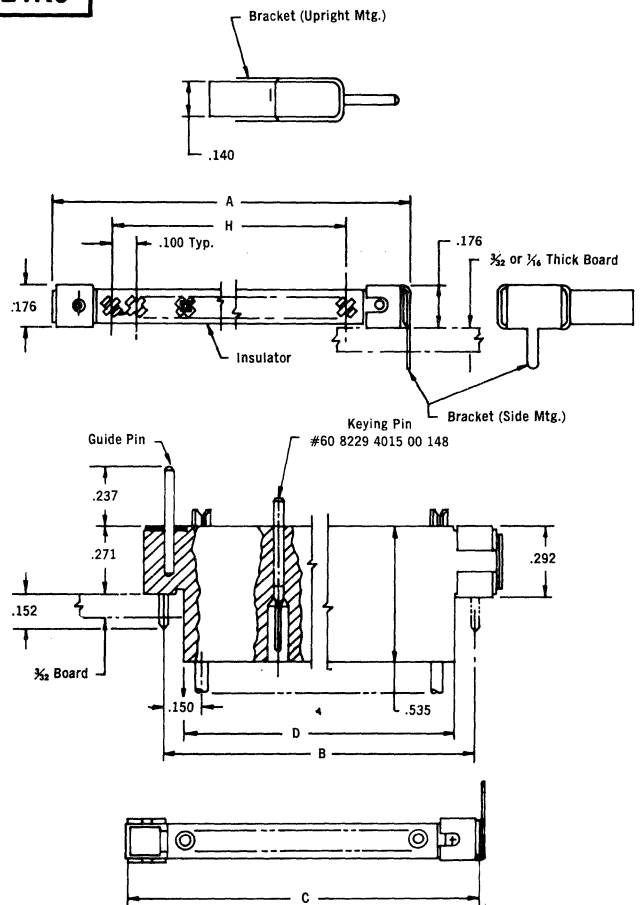


NO. OF CONTACTS	"A"	"B"	"C"
6	1.000	.800	.960
9	1.300	1.100	1.260
10	1.400	1.200	1.360
12	1.600	1.400	1.560
15	1.900	1.700	1.860

121R5



121R9

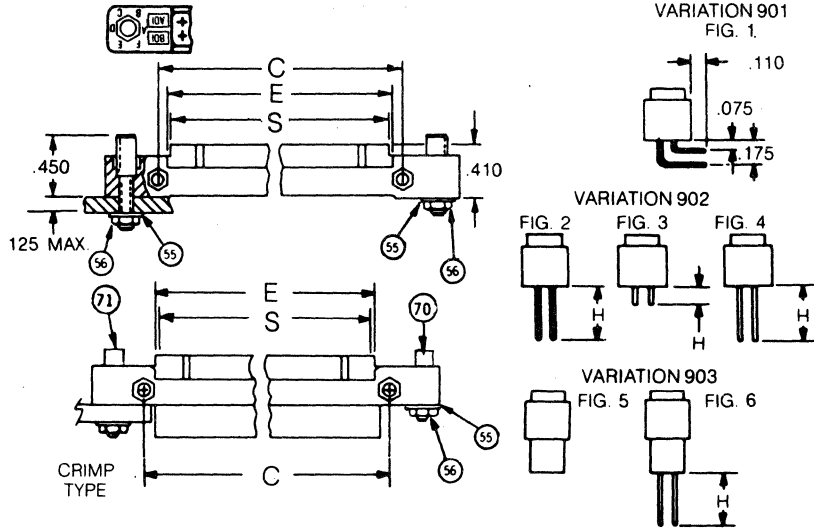


NO. OF CONTACTS	A	B	C	D	H
6	1.000	.800	.960	.640	.500
9	1.300	1.100	1.260	.940	.800
10	1.400	1.200	1.360	1.040	.900
12	1.600	1.400	1.560	1.240	1.100
15	1.900	1.700	1.860	1.540	1.400

NOTE: Mounting brackets are shipped separately.

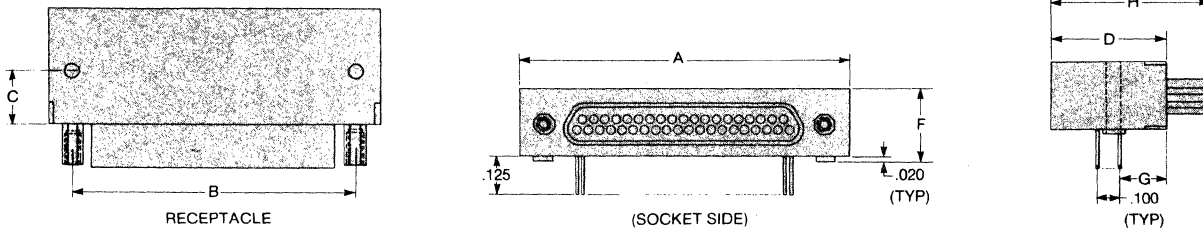
OUTLINE DRAWINGS

121R10



NO. OF CONTACTS	A	B	C	D	E	F	G	H	S
24	1.100	2.200	1.400	1.900	1.270	1.252	1.260	See table on preceding page	1.236
48	2.300	3.400	2.600	3.100	2.470	2.452	2.460		2.436
72	3.500	4.600	3.800	4.300	3.670	3.652	3.660		3.636
96	4.700	5.800	5.000	5.500	4.870	4.852	4.860		4.836

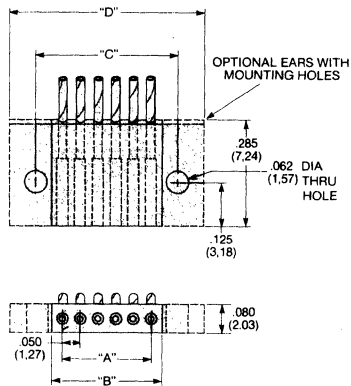
121R11



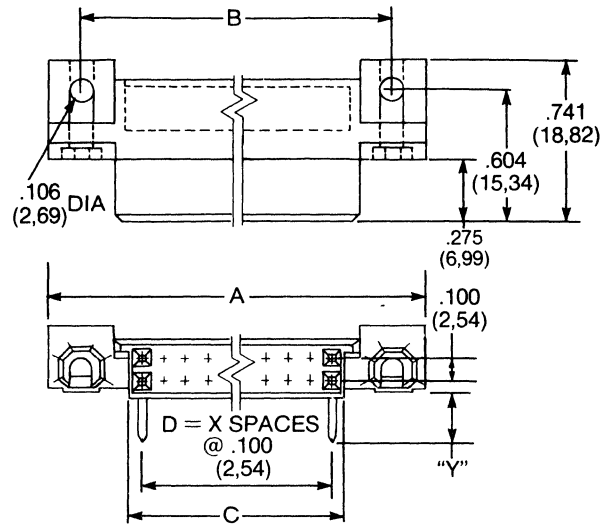
SIZE	A MAX.	B NOM.	C NOM.	D MAX.	E MAX.	F MAX.	G NOM.	H MAX.	L NOM.
9	.785 (19,94)	.565 (14,35)	.250 (6,35)	.420 (10,67)	.606 (15,39)	.325 (8,25)	.230 (5,84)	.619 (15,72)	.400 (10,10)
15	.935 (23,75)	.715 (18,16)	.250 (6,35)	.420 (10,67)	.606 (15,39)	.325 (8,25)	.130 (3,30)	.619 (15,72)	.500 (12,70)
21	1.085 (27,56)	.865 (21,97)	.250 (6,35)	.420 (10,67)	.606 (15,39)	.325 (8,25)	.130 (3,30)	.619 (15,72)	.700 (17,78)
25	1.185 (30,10)	.965 (24,51)	.250 (6,35)	.420 (10,67)	.606 (15,39)	.325 (8,25)	.130 (3,30)	.619 (15,72)	.800 (20,32)
31	1.335 (33,91)	1.115 (28,32)	.250 (6,35)	.520 (13,21)	.706 (17,93)	.325 (8,25)	.130 (3,30)	.719 (18,26)	.800 (20,32)
37	1.485 (37,72)	1.265 (32,13)	.250 (6,35)	.520 (13,21)	.706 (17,93)	.325 (8,25)	.130 (3,30)	.719 (18,26)	.900 (20,86)
51	1.435 (36,44)	1.215 (30,86)	.300 (7,62)	.650 (16,51)	.835 (21,21)	.370 (9,40)	.150 (3,81)	.849 (21,56)	1.00 (25,40)

OUTLINE DRAWINGS

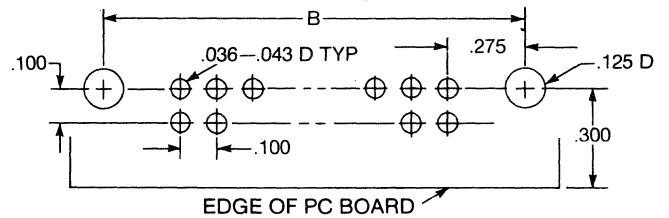
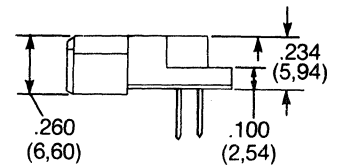
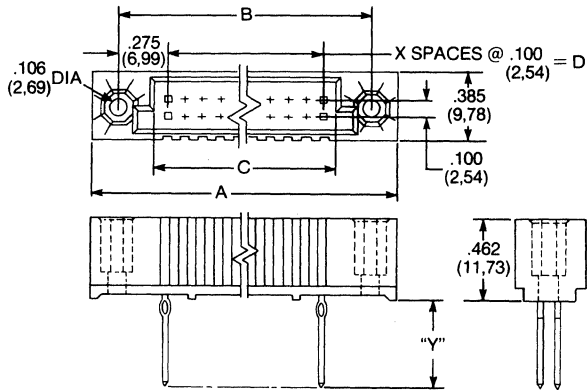
121R12



121R13



121R14



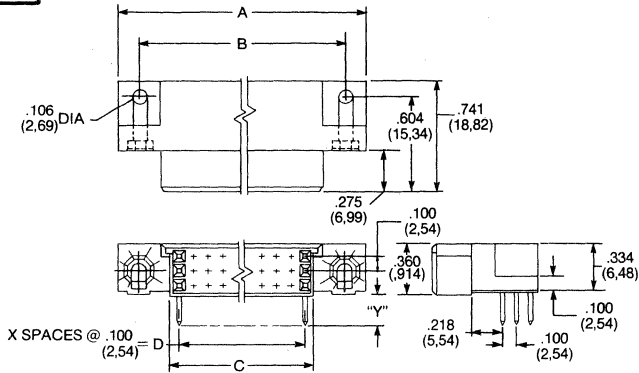
DAUGHTERCARD HOLE PATTERN

NO. OF POS.	"X" SPACES	A	B	C	D
60	29	3.750 (95.25)	3.450 (87.63)	3.060 (77.47)	2.900 (73.66)
70	34	4.250 (107.95)	3.950 (100.33)	3.550 (90.17)	3.400 (86.36)
80	39	4.750 (120.65)	4.450 (113.03)	4.050 (102.87)	3.900 (99.06)
100	49	5.750 (146.05)	5.450 (138.43)	5.050 (128.27)	4.900 (124.46)
110	54	6.250 (158.75)	5.950 (151.13)	5.550 (140.97)	5.400 (137.16)
140	69	7.750 (196.85)	7.450 (189.23)	7.050 (179.07)	6.900 (175.26)
150	74	8.250 (209.55)	7.950 (201.93)	7.550 (191.77)	7.400 (187.96)
160	79	8.750 (222.25)	8.450 (214.63)	8.050 (204.47)	7.900 (200.66)
180	89	9.750 (247.65)	9.450 (240.03)	9.050 (229.87)	8.900 (226.06)
200	99	10.750 (273.05)	10.450 (265.43)	10.050 (255.27)	9.900 (251.46)

NO. OF POS.	"X" SPACES	A	B	C	D
60	29	3.750 (95.25)	3.450 (87.63)	3.024 (76.81)	2.900 (73.66)
70	34	4.250 (107.95)	3.950 (100.33)	3.524 (89.51)	3.400 (86.36)
80	39	4.750 (120.65)	4.450 (113.03)	4.024 (102.21)	3.900 (99.06)
100	49	5.750 (146.05)	5.450 (138.43)	5.024 (127.61)	4.900 (124.46)
110	54	6.250 (158.75)	5.950 (151.13)	5.524 (140.31)	5.400 (137.16)
140	69	7.750 (196.85)	7.450 (189.23)	7.024 (178.41)	6.900 (175.26)
150	74	8.250 (209.55)	7.950 (201.93)	7.524 (191.11)	7.400 (187.96)
160	79	8.750 (222.25)	8.450 (214.63)	8.024 (203.81)	7.900 (200.66)
180	89	9.750 (247.65)	9.450 (240.03)	9.024 (229.21)	8.900 (226.06)
200	99	10.750 (273.05)	10.450 (265.43)	10.024 (254.61)	9.900 (251.46)

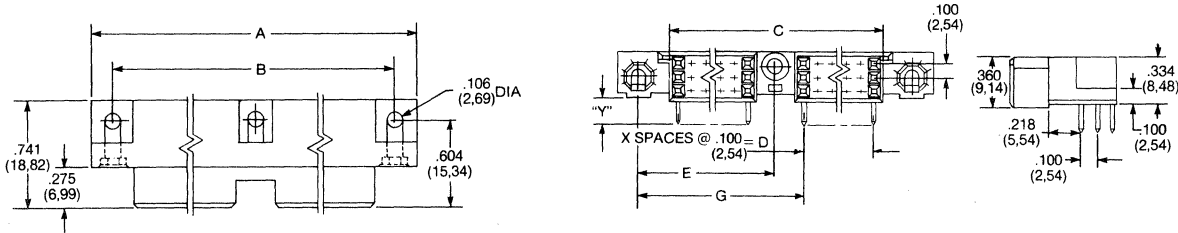
OUTLINE DRAWINGS

121R15



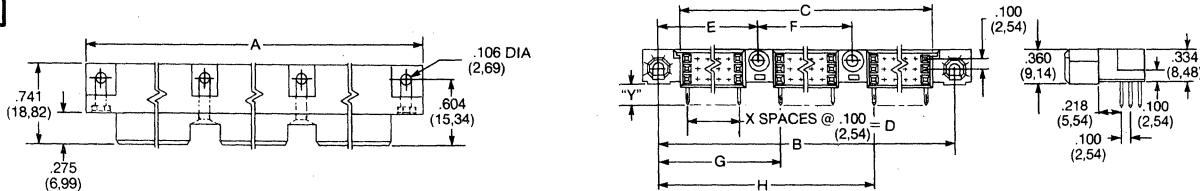
NO. OF POS.	"X" SPACES	A	B	C	D
96	31	3.950 (100.33)	3.650 (92.71)	3.224 (81.89)	3.100 (78.74)
99	32	4.050 (102.87)	3.750 (95.25)	3.324 (84.43)	3.200 (81.28)
120	39	4.750 (120.65)	4.450 (113.03)	4.024 (102.21)	3.900 (98.06)
165	54	6.250 (158.75)	5.950 (151.13)	5.524 (140.31)	5.400 (137.16)
210	69	7.750 (196.85)	7.450 (189.23)	7.024 (178.41)	6.900 (175.26)
225	74	8.250 (209.55)	7.950 (201.93)	7.524 (191.11)	7.400 (187.96)
240	79	8.750 (222.25)	8.450 (214.63)	8.024 (203.81)	7.900 (200.66)
252	83	9.150 (232.41)	8.850 (224.79)	8.424 (213.97)	8.300 (210.82)

121R16



NO. OF POS.	"X" SPACES	A	B	C	D	E	G
240	39	9.050 (229.87)	8.750 (222.25)	8.324 (211.43)	3.900 (99.06)	4.375 (111.12)	4.575 (116.21)
258	42	9.650 (245.11)	9.350 (237.49)	8.924 (226.67)	4.200 (106.68)	4.675 (118.74)	4.875 (123.83)
276	45	10.250 (260.35)	9.950 (252.73)	9.524 (241.91)	4.500 (114.30)	4.975 (126.36)	5.175 (131.45)
294	48	10.850 (275.59)	10.550 (267.97)	10.124 (257.15)	4.800 (121.92)	5.275 (133.98)	5.475 (139.07)
312	51	11.450 (290.83)	11.150 (283.21)	10.724 (272.39)	5.100 (129.54)	5.575 (141.60)	5.775 (147.69)
330	54	12.050 (306.07)	11.750 (298.45)	11.324 (287.63)	5.400 (137.16)	5.875 (149.22)	6.075 (154.31)
348	57	12.650 (321.31)	12.350 (313.69)	11.924 (302.87)	5.700 (144.78)	6.175 (156.84)	6.375 (161.93)
366	60	13.250 (336.55)	12.950 (328.93)	12.524 (318.11)	6.000 (152.40)	6.475 (164.46)	6.675 (169.56)

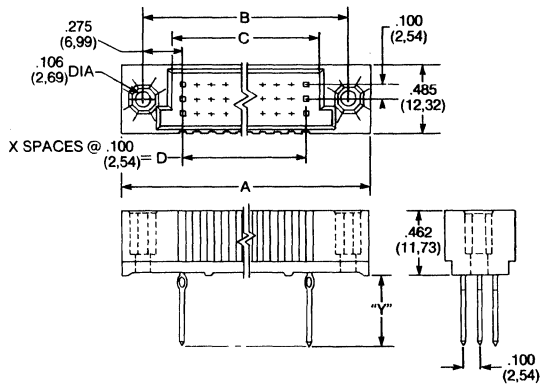
121R17



NO. OF POS.	"X" SPACES	A	B	C	D	E	F	G	H
387	42	14.250 (361.95)	13.950 (354.33)	13.524 (343.51)	4.200 (106.68)	4.675 (118.74)	4.600 (116.84)	4.875 (123.83)	9.475 (240.67)
405	44	14.850 (377.19)	14.550 (369.57)	14.124 (358.75)	4.400 (111.76)	4.875 (123.82)	4.800 (121.92)	5.075 (128.91)	9.875 (250.83)

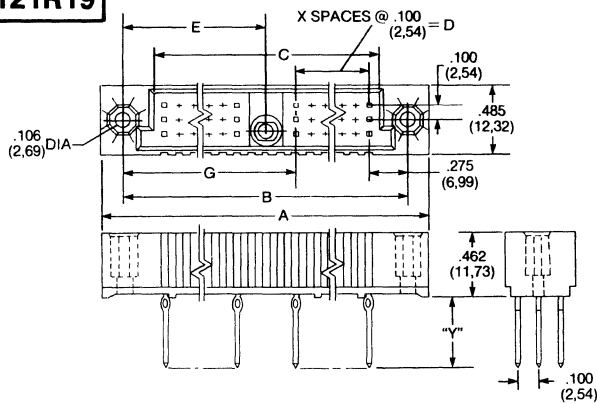
OUTLINE DRAWINGS

121R18



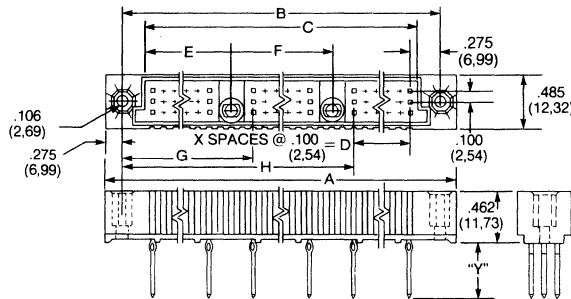
NO. OF POS.	"X" SPACES	A	B	C	D
96	31	3.950 (100.33)	3.650 (92.71)	3.250 (82.55)	3.100 (78.74)
99	32	4.050 (102.87)	3.750 (95.25)	3.350 (85.09)	3.200 (81.28)
120	39	4.750 (120.65)	4.450 (113.03)	4.050 (102.87)	3.900 (99.06)
165	54	6.250 (158.75)	5.950 (151.13)	5.550 (140.97)	5.400 (137.16)
210	69	7.750 (196.85)	7.450 (189.23)	7.050 (179.07)	6.900 (175.26)
225	74	8.250 (209.55)	7.950 (201.93)	7.550 (191.77)	7.400 (187.98)
240	79	8.750 (222.25)	8.450 (214.63)	8.050 (204.47)	7.900 (200.66)
252	83	9.150 (232.41)	8.850 (224.79)	8.450 (214.63)	8.300 (210.82)

121R19



NO. OF POS.	"X" SPACES	A	B	C	D	E	G
240	39	9.050 (229.87)	8.750 (222.25)	8.350 (212.09)	3.900 (99.06)	4.375 (111.12)	4.575 (116.21)
258	42	9.650 (245.11)	9.350 (237.49)	8.920 (227.33)	4.200 (106.68)	4.675 (118.74)	4.875 (123.83)
276	45	10.250 (260.35)	9.950 (252.73)	9.550 (242.57)	4.500 (114.30)	4.975 (126.36)	5.175 (131.45)
294	48	10.850 (275.59)	10.550 (267.97)	10.150 (257.81)	4.800 (121.92)	5.275 (133.98)	5.475 (139.07)
312	51	11.450 (290.83)	11.150 (283.21)	10.750 (273.05)	5.100 (129.54)	5.575 (141.60)	5.775 (147.69)
330	54	12.050 (306.07)	11.750 (298.45)	11.350 (288.29)	5.400 (137.16)	5.875 (149.22)	6.075 (154.31)
348	57	12.650 (321.31)	12.350 (313.69)	11.950 (303.53)	5.700 (144.78)	6.175 (156.84)	6.375 (161.93)
366	60	13.250 (336.55)	12.950 (328.93)	12.550 (318.77)	6.000 (152.40)	6.475 (164.46)	6.675 (169.55)

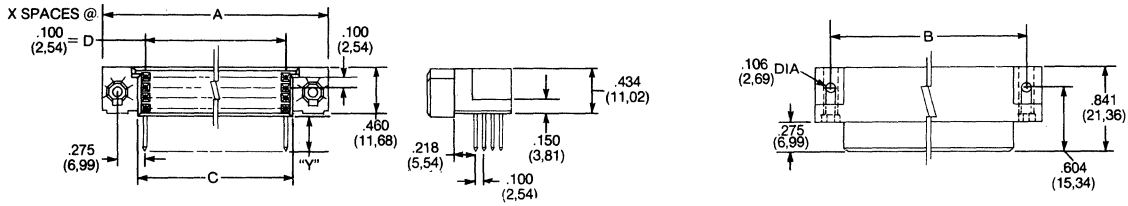
121R20



NO. OF POS.	"X" SPACES	A	B	C	D	E	F	G	H
387	42	14.250 (361.95)	13.950 (354.33)	13.550 (344.17)	4.200 (106.68)	4.675 (118.74)	4.600 (116.84)	4.875 (123.83)	9.475 (240.67)
405	44	14.850 (377.19)	14.550 (369.57)	14.150 (359.41)	4.400 (111.76)	4.875 (123.82)	4.800 (121.92)	5.075 (128.91)	9.875 (250.83)

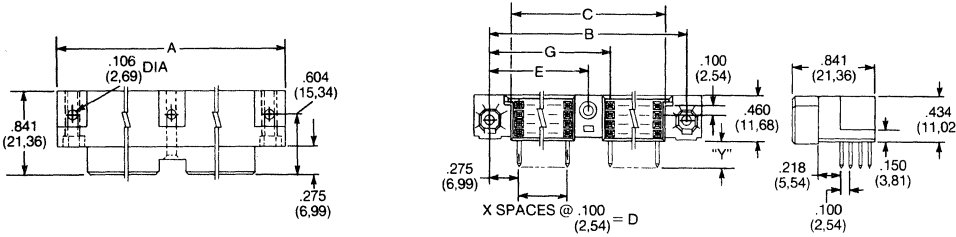
OUTLINE DRAWINGS

121R21



NO. OF POS.	"X" SPACES	A	B	C	D
100	24	3.250 (82.55)	2.950 (74.93)	2.524 (64.11)	2.400 (60.96)
128	31	3.950 (100.33)	3.650 (92.71)	3.224 (81.89)	3.100 (78.74)
160	39	4.750 (120.65)	4.450 (113.03)	4.024 (102.21)	3.900 (99.06)
180	44	5.250 (133.35)	4.950 (125.73)	4.524 (114.91)	4.400 (111.76)
200	49	5.750 (146.05)	5.450 (138.43)	5.024 (127.61)	4.900 (124.46)
240	59	6.750 (171.45)	6.450 (163.83)	6.024 (153.01)	5.900 (149.86)
300	74	8.250 (209.55)	7.950 (201.93)	7.524 (191.11)	7.400 (187.96)

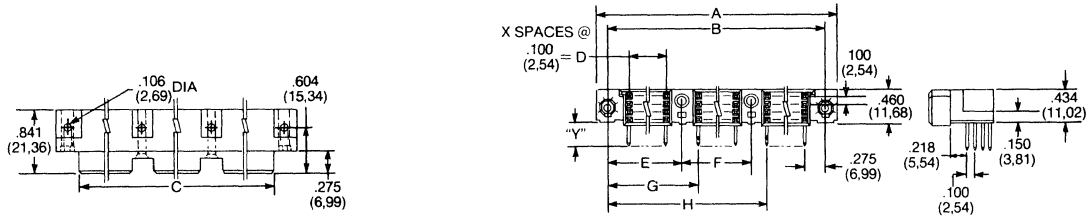
121R22



NO. OF POS.	"X" SPACES	A	B	C	D	E	G
320	39	9.050 (229.87)	8.750 (222.25)	8.324 (211.43)	3.900 (99.06)	4.375 (111.13)	4.575 (116.21)
344	42	9.650 (245.11)	9.350 (237.49)	8.924 (226.67)	4.200 (106.68)	4.675 (118.75)	4.875 (123.83)
368	45	10.250 (260.35)	9.950 (252.73)	9.524 (241.91)	4.500 (114.30)	4.975 (126.37)	5.175 (131.45)
392	48	10.850 (275.59)	10.550 (267.97)	10.124 (257.15)	4.800 (121.92)	5.275 (133.99)	5.475 (141.61)
416	51	11.450 (290.83)	11.150 (283.21)	10.724 (272.39)	5.100 (129.54)	5.575 (141.61)	5.775 (146.69)
440	54	12.050 (306.07)	11.750 (298.45)	11.324 (287.63)	5.400 (137.16)	5.875 (149.23)	6.075 (154.31)
464	57	12.650 (321.31)	12.350 (313.69)	11.924 (302.87)	5.700 (144.78)	6.175 (156.85)	6.375 (161.93)
488	60	13.250 (336.55)	12.950 (328.93)	12.524 (318.11)	6.000 (152.40)	6.475 (164.47)	6.675 (169.55)

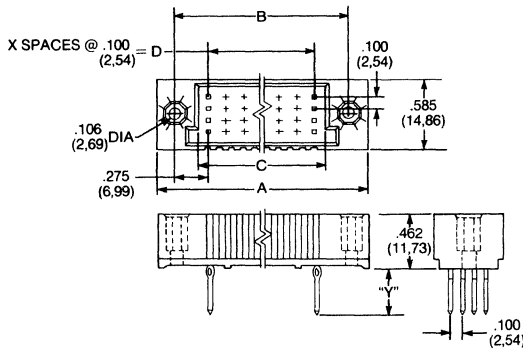
OUTLINE DRAWINGS

121R23



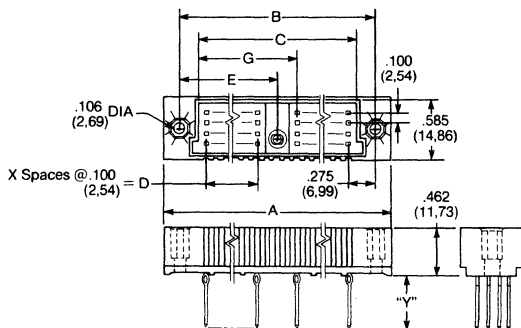
NO. OF POS.	"X" SPACES	A	B	C	D	E	F	G	H
516	42	14.250 (361.95)	13.950 (354.33)	13.524 (343.51)	4.200 (106.68)	4.675 (118.75)	4.600 (116.84)	4.875 (123.83)	9.475 (240.67)
540	44	14.850 (377.19)	14.550 (369.57)	14.124 (358.75)	4.400 (111.76)	4.875 (123.83)	4.800 (121.92)	5.075 (128.91)	9.875 (250.83)
564	46	15.450 (392.43)	15.150 (384.81)	14.724 (373.99)	4.600 (116.84)	5.075 (128.91)	5.000 (127.00)	5.275 (133.99)	10.275 (260.99)
588	48	16.050 (407.67)	15.750 (400.05)	15.324 (389.23)	4.800 (121.92)	5.275 (133.91)	5.200 (132.08)	5.475 (139.07)	10.675 (271.15)
612	50	16.650 (422.91)	16.350 (415.29)	15.924 (404.47)	5.000 (127.00)	5.475 (139.07)	5.400 (137.16)	5.675 (144.15)	11.075 (281.31)
636	52	17.250 (438.15)	16.950 (430.53)	16.524 (419.71)	5.200 (132.08)	5.675 (144.15)	5.600 (142.24)	5.875 (149.23)	11.475 (291.47)
660	54	17.850 (453.39)	17.550 (445.77)	17.124 (434.95)	5.400 (137.16)	5.875 (149.23)	5.800 (147.23)	6.075 (154.31)	11.875 (301.63)
684	56	18.450 (468.63)	18.150 (461.01)	17.724 (450.19)	5.600 (142.24)	6.075 (154.31)	6.000 (152.40)	6.275 (159.39)	12.275 (311.79)

121R24



NO. OF POS.	"X" SPACES	A	B	C	D
100	24	3.250 (82.55)	2.950 (74.93)	2.550 (64.77)	2.400 (60.96)
128	31	3.950 (100.33)	3.650 (92.71)	3.250 (82.55)	3.100 (78.74)
160	39	4.750 (120.65)	4.450 (113.03)	4.050 (102.87)	3.900 (99.06)
180	44	5.250 (133.35)	4.950 (125.73)	4.550 (115.57)	4.400 (111.78)
200	49	5.750 (146.05)	5.450 (138.43)	5.050 (128.47)	4.900 (124.48)
240	59	6.750 (171.45)	6.450 (163.83)	6.050 (153.87)	5.900 (149.86)
300	76	8.250 (209.55)	7.950 (201.93)	7.550 (191.77)	7.400 (187.96)

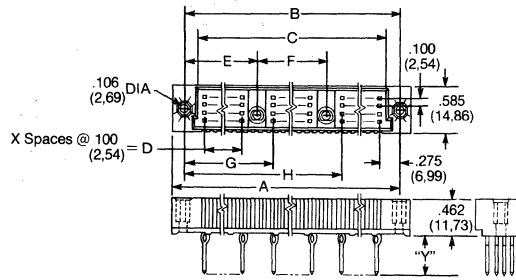
121R25



NO. OF POS.	"X" SPACES	A	B	C	D	E	G
320	39	9.050 (229.87)	8.750 (222.25)	8.350 (212.09)	3.900 (99.06)	4.375 (111.13)	4.575 (116.21)
344	42	9.650 (245.11)	9.350 (237.49)	8.950 (227.33)	4.200 (106.68)	4.675 (118.75)	4.875 (123.83)
368	45	10.250 (260.35)	9.950 (252.73)	9.550 (242.57)	4.500 (114.30)	4.975 (126.37)	5.175 (131.45)
392	48	10.850 (275.59)	10.550 (267.97)	10.150 (273.05)	4.800 (121.92)	5.275 (133.99)	5.475 (141.61)
416	51	11.450 (290.83)	11.150 (283.21)	10.750 (273.05)	5.100 (129.54)	5.575 (141.61)	5.775 (146.69)
440	54	12.050 (306.07)	11.750 (298.45)	11.350 (288.29)	5.400 (137.16)	5.875 (149.23)	6.075 (154.31)
464	57	12.650 (321.31)	12.350 (313.69)	11.950 (303.53)	5.700 (144.78)	6.175 (156.85)	6.375 (161.93)
488	60	13.250 (336.55)	12.950 (328.93)	12.550 (318.77)	6.000 (152.40)	6.475 (164.47)	6.675 (169.55)

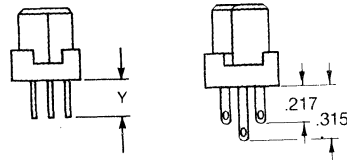
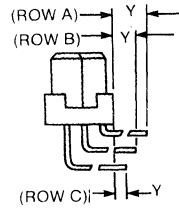
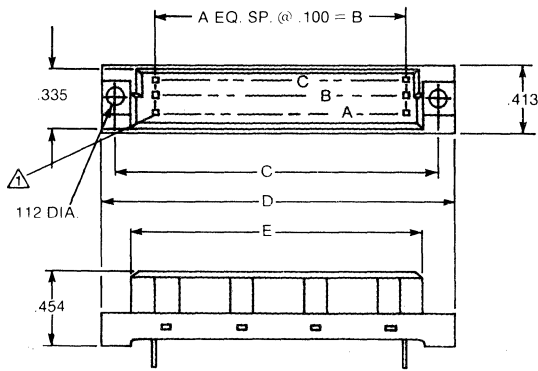
OUTLINE DRAWINGS

121R26

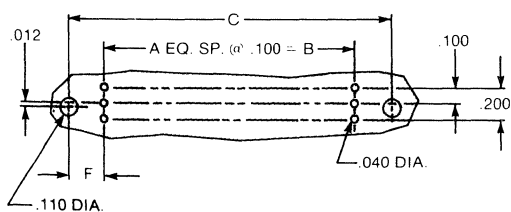


NO. OF POS.	"X" SPACES	A	B	C	D	E	F	G	H
516	42	14.250 (361.95)	13.950 (354.33)	13.550 (344.17)	4.200 (106.68)	4.675 (118.75)	4.600 (116.84)	4.875 (123.83)	9.475 (240.67)
540	44	14.850 (377.19)	14.550 (369.57)	14.150 (359.41)	4.400 (111.76)	4.875 (123.83)	4.800 (121.92)	5.075 (128.91)	9.875 (250.83)
564	46	15.450 (392.43)	15.150 (384.81)	14.750 (375.65)	4.600 (116.84)	5.075 (128.91)	5.000 (127.00)	5.275 (133.99)	10.275 (260.99)
588	48	16.050 (407.67)	15.750 (400.05)	15.350 (389.89)	4.800 (121.92)	5.275 (133.91)	5.200 (132.08)	5.475 (139.07)	10.675 (271.15)
612	50	16.650 (422.91)	16.350 (414.29)	15.950 (420.37)	5.000 (127.00)	5.475 (139.07)	5.400 (137.16)	5.675 (144.15)	11.075 (281.31)
636	52	17.250 (438.15)	16.950 (430.53)	16.550 (420.37)	5.200 (132.08)	5.675 (144.15)	5.600 (142.24)	5.875 (149.23)	11.475 (291.47)
660	54	17.850 (453.39)	17.550 (445.77)	17.150 (435.61)	5.400 (137.16)	5.875 (149.23)	5.800 (147.23)	6.075 (154.31)	11.875 (301.63)
684	56	18.450 (468.63)	18.150 (461.01)	17.750 (450.85)	5.600 (142.24)	6.075 (154.31)	6.000 (152.40)	6.275 (159.39)	12.275 (311.79)

121R27



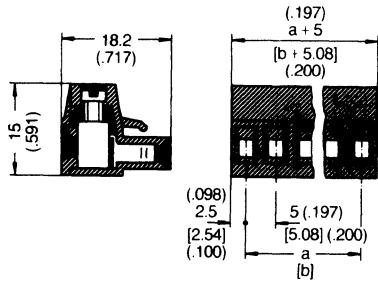
For Y dimension see contact designation code.



NO. OF POS.	A	B	C	D	E	F
48	15	1.500	1.969	2.161	1.744	.232
96	31	3.100	3.543	3.736	3.343	.222
150	49	4.900	5.343	5.536	5.143	.222
201	66	6.600	7.043	7.236	6.843	.222

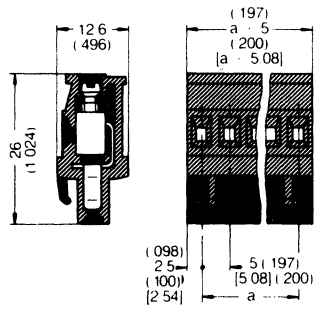
OUTLINE DRAWINGS

104R1



Number of Positions	a	b
2	5 (.197)	5.08 (.200)
3	10 (.394)	10.16 (.400)
4	15 (.591)	15.24 (.600)
5	20 (.787)	20.32 (.800)
6	25 (.984)	25.40 (1.000)
7	30 (1.181)	30.48 (1.200)
8	35 (1.378)	35.56 (1.400)
9	40 (1.575)	40.64 (1.600)
10	45 (1.772)	45.72 (1.800)
11	50 (1.969)	50.80 (2.000)
12	55 (2.165)	55.88 (2.200)
13	60 (2.362)	60.96 (2.400)
14	65 (2.559)	66.04 (2.600)
15	70 (2.756)	71.12 (2.800)
16	75 (2.953)	76.20 (3.000)
17	80 (3.150)	81.28 (3.200)
18	85 (3.346)	86.36 (3.400)
19	90 (3.543)	91.44 (3.600)
20	95 (3.740)	96.52 (3.800)
21	100 (3.937)	101.60 (4.000)
22	105 (4.134)	106.68 (4.200)
23	110 (4.331)	111.76 (4.400)
24	115 (4.528)	116.84 (4.600)

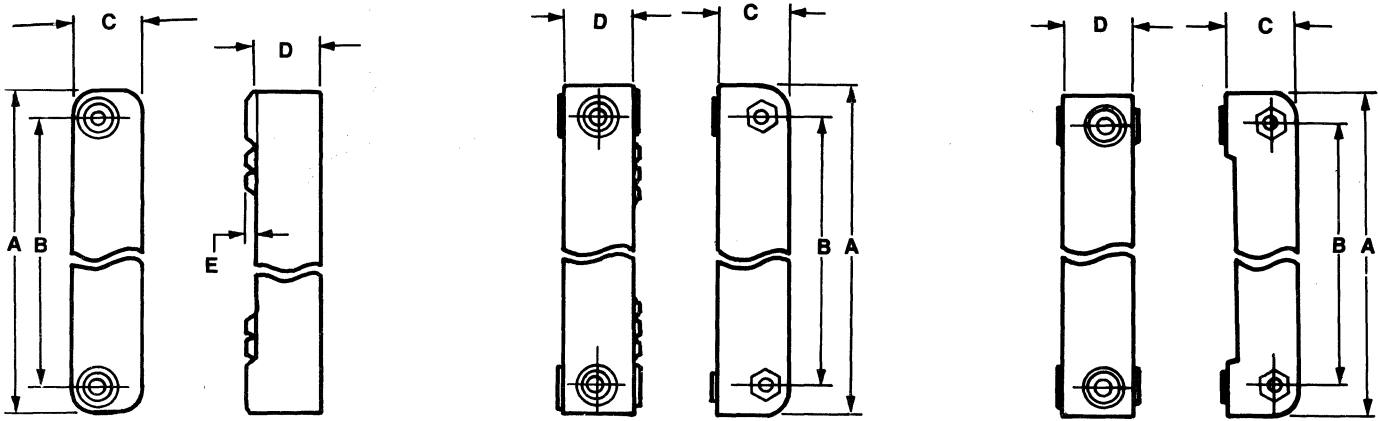
104R2



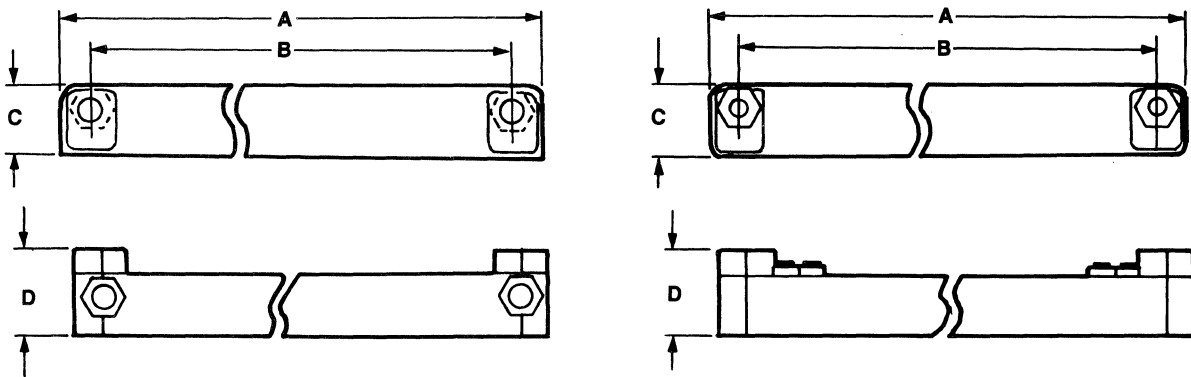
Number of Positions	a	b
2	5 (.197)	5.08 (.200)
3	10 (.394)	10.16 (.400)
4	15 (.591)	15.24 (.600)
5	20 (.787)	20.32 (.800)
6	25 (.984)	25.40 (1.000)
7	30 (1.181)	30.48 (1.200)
8	35 (1.378)	35.56 (1.400)
9	40 (1.575)	40.64 (1.600)
10	45 (1.772)	45.72 (1.800)
11	50 (1.969)	50.80 (2.000)
12	55 (2.165)	55.88 (2.200)
13	60 (2.362)	60.96 (2.400)
14	65 (2.559)	66.04 (2.600)
15	70 (2.756)	71.12 (2.800)
16	75 (2.953)	76.20 (3.000)
17	80 (3.150)	81.28 (3.200)
18	85 (3.346)	86.36 (3.400)
19	90 (3.543)	91.44 (3.600)
20	95 (3.740)	96.52 (3.800)
21	100 (3.937)	101.60 (4.000)
22	105 (4.134)	106.68 (4.200)
23	110 (4.331)	111.76 (4.400)
24	115 (4.528)	116.84 (4.600)

OUTLINE DRAWINGS

OR1

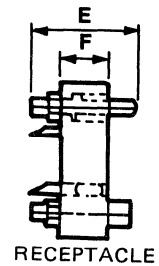
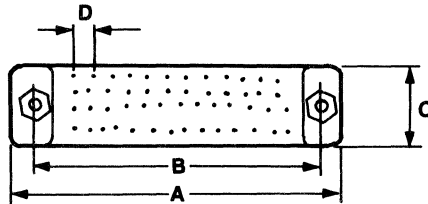


Dwg. No.	OUT-LINE	mm	In	A	B	C	D
OR1a	e	X		31.2	23	10.5	20
OR1b	e	X		33.3	25.4	10.5	20
OR1c	e	X		31.8	23.8	12.5	20
OR1d	e	X		39.7	31.75	12.5	20
OR1e	e	X		50.8	42.8	12.5	20
OR1f	e	X		41.4	33.3	15.5	20
OR1g	e	X		50.8	42.85	20	20
OR1h	e	X		66.2	57.95	20	20



OR3

Micro-Miniature Connectors

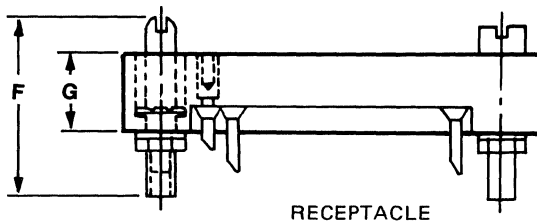
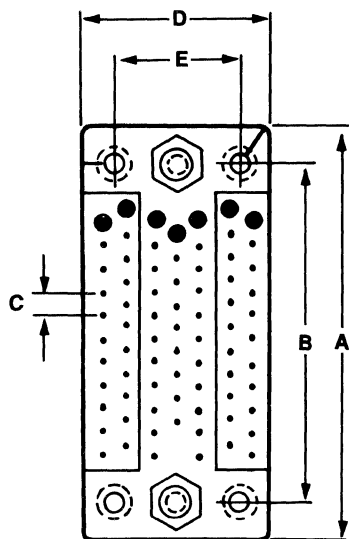


Dwg. No Suffix	I	N	M	M	P I N S	A	B	C	D	E	F
OR3a			X		14	22.1	15.88	6.9	2.39	13.5	5.8
OR3b	X				14	1.25	.937	.44		.85	.36

OUTLINE DRAWINGS

OR2

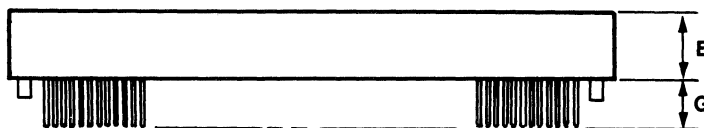
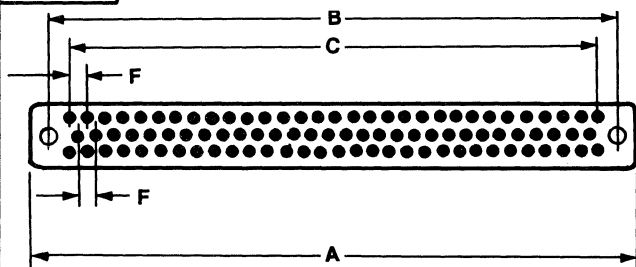
Micro-Miniature Connectors



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OR2a		X	75	42.7	34.93	2.39	19.1	12.7	17.3	7.9

OR4

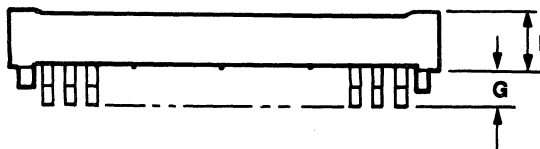
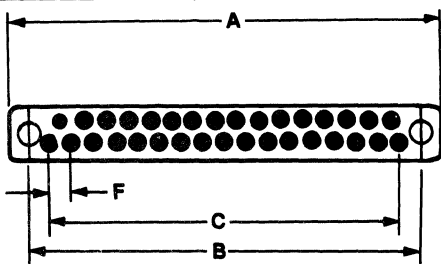
P.C. Receptacle Connector



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OR4a	X		92	3.426	3.24	3.0	.355	.375	.10	.405/.375

OR5

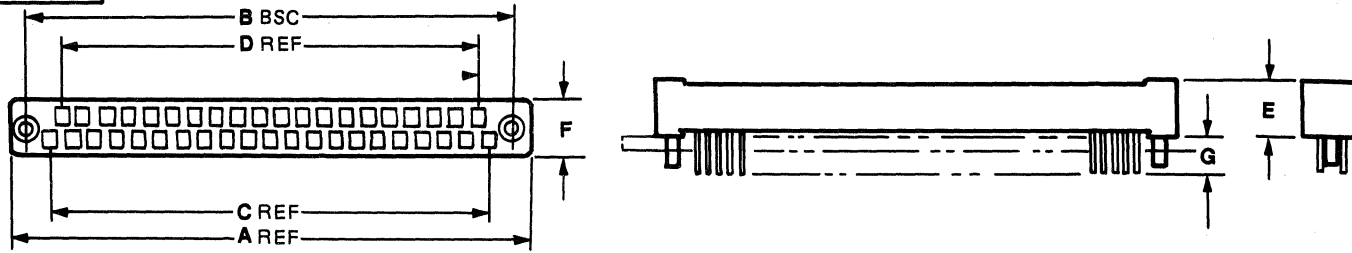
Ultra Miniature PC Receptacle
Solder Cup Termination



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OR5a	X		17	1.15	1.0	.80	.24	.26	.10	.175

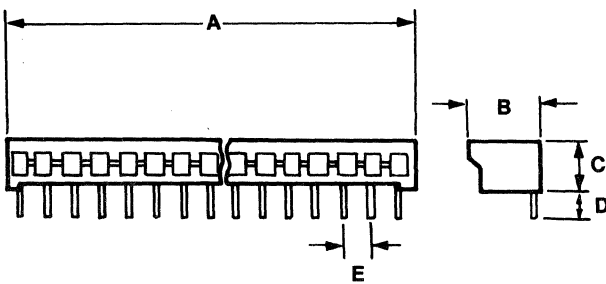
OUTLINE DRAWINGS

OR6 Ultra Miniature PC Formed Contact Receptacle



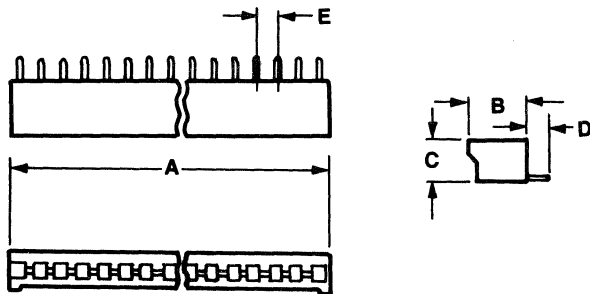
Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OR6a	X		17	1.15	1.00	.80	.70	.265/.245	.247/.233	.175/.154

OR7 Terminating Flat Cables Side Entry



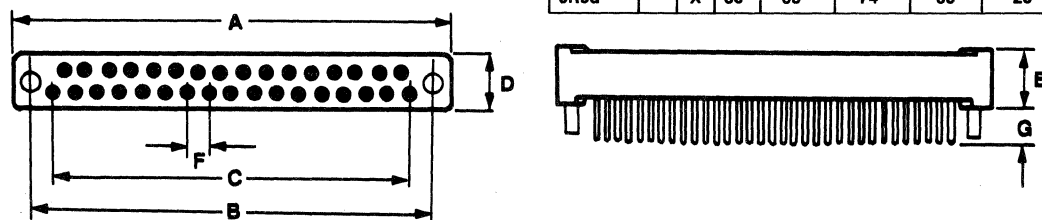
Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E
OR7a	X		2	.20	.275	.190	.10	.10
OR7b	X		6	.820	.275	.190	.10	.10
OR7c		X	25	64.8	9.4	8.7	3.0	2.54

OR8 Terminating Flat Cables Top Entry



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E
OR8a	X		2	.20	.275	.190	.10	.10
OR8b	X		6	.820	.275	.190	.10	.10
OR8c		X	15	15.85	4.06	4.32	2.92	2.54
OR8d		X	25	64.8	9.4	8.7	3.0	2.54

OR9 Solder Receptacle

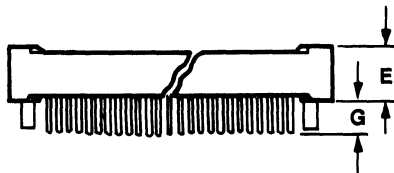
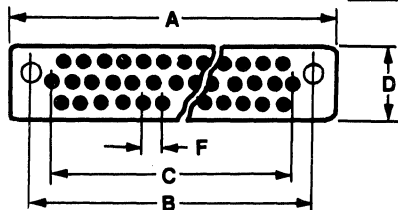


Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OR9a	X		17	1.55	1.40	1.20	.25	.258	.15	.154
OR9b	X		17	1.15	1.0	.80	.24	.255	.10	.154
OR9c		X	20	83	74	68	15	12.5		8.00
OR9d		X	30	83	74	68	20	12.5		8.00

OUTLINE DRAWINGS

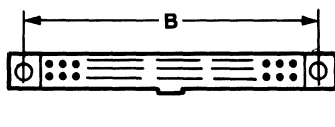
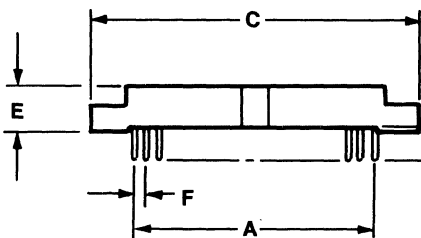
OR10 Solder Receptacle

Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OR10a	X		13	.80	.60	.40	.35	.26	.10	.175/.154
OR10b	X		37	1.60	1.40	1.20	.35	.26	.10	.175

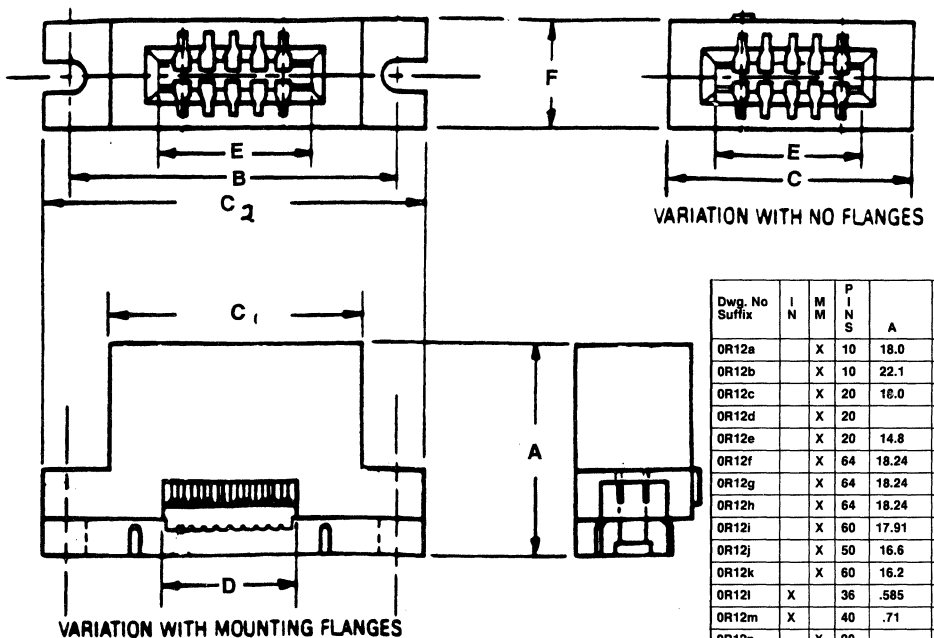


OR11 Solder Receptacle

Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OR11a		X	20	22.86	33.02	39.62	.255	.355	.10	.24
OR11b	X		40	2.375	2.725	2.935	.252	.335	.125	.693
OR11c	X		32	38.1	50.0	55.0	8.1	11.6	.10	2.75
OR11d	X		60	73.66	86.80	92.80	8.1	13.2	2.54	



OR12 Card Edge Connectors

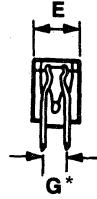
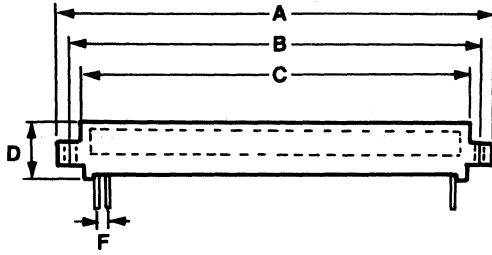


Dwg. No Suffix	I N	M M	P I N S	A	B	C ₁	C ₂	D	E	F
OR12a		X	10	18.0	35.56	24.4	48.3	13.46	15.24	8.94
OR12b	X		10	22.1	35.56	24.38	48.26	15.37	24.38	11.18
OR12c	X		20	16.0	45.72		50.8			10.0
OR12d	X		20		45.72		37.06			
OR12e	X		20	14.8		28.12		28.02	22.84	
OR12f	X		64	18.24		92.96			84.0	10.26
OR12g	X		64	18.24	101.6	92.96	106.88	80.01	84.0	10.26
OR12h	X		64	18.24	104.14	92.96	116.84	80.01	84.0	10.26
OR12i		X	60	17.91	99.06	87.88	111.76		78.87	11.18
OR12j		X	50	16.6		73.2			66.2	10.0
OR12k		X	60	16.2		87.90			78.92	10.0
OR12l	X		36	.585	4.175	3.86	4.435	3.78	3.70	.370
OR12m	X		40	.71	3.8/3.9	4.46	5.20	4.175	4.105	.370
OR12n		X	20			34.9	34.9	24.13	22.86	10
OR12o		X	26			42.5	42.5	31.75	30.48	10
OR12p		X	34			52.7	52.7	41.91	40.64	10
OR12q		X	40			60.2	60.2	49.53	48.26	10
OR12r		X	50			73.0	73.0	62.63	60.96	10

OUTLINE DRAWINGS

OR13

Edge Card Connector



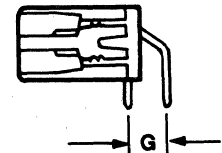
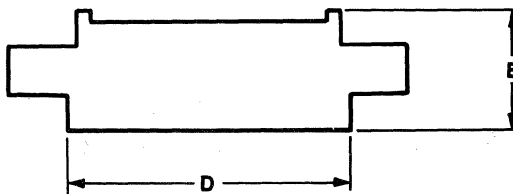
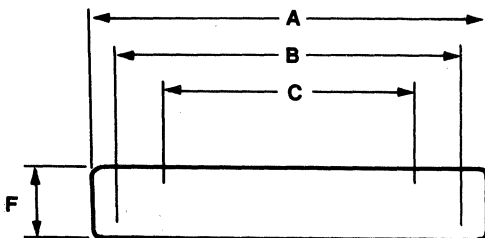
*Double Sided Edge Only

Dwg. No Suffix	I	M	PINS	A	B	C	D	E	F	G*
OR13a	X		22	3.56	3.295	3.035	0.60	0.37	.125	.25
OR13b		X	24	51.69	45.08	37.08	15.49	9.32	.10	.20
OR13c		X	72	112.65	106.05	93.98	11.18	9.53	2.54	5.08
OR13d		X	12	39.5	32.89	26.29	15.5	9.4	3.18	6.4
OR13e		X	56	109.35	102.74	96.14	15.5	9.14	3.18	5.1
OR13f		X	12	36.45	29.85	21.84	15.5	9.4	2.54	5.1
OR13g		X	44	108.71	102.36	94.41	15.49	9.86	3.96	5.08
OR13h		X	60	97.41	90.81	82.80	15.24	9.40	2.54	5.08
OR13i		X	30	97.41	90.81	82.80	15.24	9.40	2.54	
OR13j		X	60	111.8	99.06	88.01	15.24	9.40	2.54	5.08
OR3k		X	30	111.8	99.06	88.01	15.24	9.40	2.54	
OR13l		X	54	122.7	120.0	112.1	18.29	11.1	3.81	4.78
OR13m		X	30	59.31	52.7	44.7	15.49	9.4	2.54	5.08
OR13n		X	98			138.68	15.49	9.40	2.54	5.08
OR13o		X	86	193.1	185.7	177.5	18.3	12.7	3.96	5.08
OR13p		X	30	82.75	74.63	67.06	17.91	10.16	3.96	5.08
OR13q		X	86	192.79	185.47	177.80	18.29	12.7	3.96	5.08
OR13r		X	86	193.8	185.5	177.5	18.29	11.10	3.96	4.78
OR13s		X	100	148.21	141.61	133.99	15.62	9.27	2.54	5.08
OR13t		X	120	199.01	192.4	184.4	15.49	9.35	2.54	5.08
OR13u		X	140	210.95	204.34	197.74	15.49	9.35	3.18	6.35
OR13v		X	140	199.26	192.4	184.4	15.49	9.35	2.36	5.08
OR13w		X	120	210.95	204.34	197.74	15.49	9.35	2.36	6.35
OR13x		X	86	191.97	185.62	178.61	15.49	9.36	2.36	5.08
OR13y		X	72	174.37	167.08	150.93	17.78	11.1	3.96	4.75
OR13z		X	60	150.98	142.77	134.72	17.78	11.1	3.96	4.75
OR13aa		X	60	150.98	142.77	134.72	17.78	11.1	3.96	
OR13ab		X	72	178.18	167.08	150.93	17.78	11.1	3.96	4.75
OR13ac		X	60	140.44	134.09	127.2	17.78	8.89	3.96	
OR13ad		X	100	148.08	141.61	134.62	19.05	8.89	2.54	5.08
OR13ae		X	88	160.15	153.54	146.94	19.05	11.1	3.18	5.08
OR13af		X	72	164.21	157.86	150.98	19.05	11.1	3.96	5.08
OR13ag		X	65	7.335	7.075	6.76	.610	.370	.100	.200
OR13ah		X	50	7.055	6.795	6.535	.610	.370	.125	.250
OR13ai		X	43	7.568	7.308	7.026	.610	.370	.156	.200
OR13aj		X	140	199.01	192.40	184.40	15.49	9.40	2.54	5.08
OR13ak		X	100	179.20	172.59	165.99	15.49	9.40	3.18	6.35
OR13al		X	86	185.45	179.10	171.15	15.49	9.93	3.81	5.08
OR13am		X	86	193.65	185.57	178.41	13.97	9.91	3.96	5.08
OR13an		X	86	191.92	185.57	177.62	13.97	9.91	3.96	5.08
OR13ao		X	86	191.94	185.59	177.62	17.09	9.93	3.96	5.08
OR13ap		X	100	148.21	141.60	133.60	15.49	9.40	4.32/14.48	5.08

OR14

Edge Card Connector

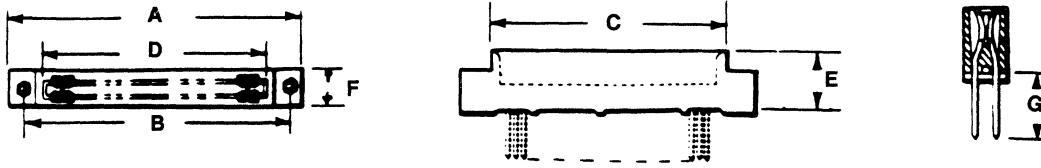
Dwg. No Suffix	I	M	PINS	A	B	C	D	E	F	G
OR14a		X	24	51.69	45.08	33.02	37.08	15.49	9.32	5.08
OR14b		X	12	36.45	29.85	17.78	21.84	15.5	9.4	5.1
OR14c		X	100	148.08	141.61		134.62	19.05	8.89	3.81
OR14d		X	65	7.335	7.075	6.60	6.760	.610	.370	.150
OR14e		X	50	7.055	6.795	6.375	6.535	.610	.370	.150
OR14f		X	43	7.568	7.308	6.872	7.026	.610	.370	.150



OUTLINE DRAWINGS

0R15

Edge Card Connector

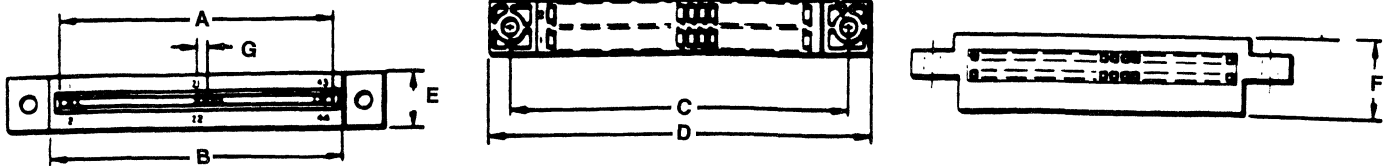


Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
0R15a		X	28	109.35	102.41	95.25	92.08	12.07	8.38	8.38
0R15b	X		50	5.835	5.575	5.260	5.10	.460	.370	.180/.225 .560
0R15c	X		50	7.055	6.795	6.535	6.375	.460	.370	.220/.225 .560
0R15d	X		28	5.228	4.968	4.688	4.532	.460	.370	.220/.225
0R15e	X		28	5.228	4.968	4.688	4.532	.460	.370	.180/.225
0R15f		X	100	149.22	141.60	133.81	129.72	12.70	8.38	3.35/4.75 5.18/8.05
0R15g		X	100	179.2	172.59	165.99	161.92	11.10	8.38	
0R15h		X	210	431.8	419.1	407.92	400.3	11.84	19.05	
0R15i		X	22	108.74	102.39	94.41	90.88	10.31	8.33	
0R15j		X	86	191.90	185.55	177.60	172.77	10.36	12.70	
0R15k		X	22	111.5	102.4	95.5	91.5	12.0	9.0	6.0

0R16

Edge Card Connector

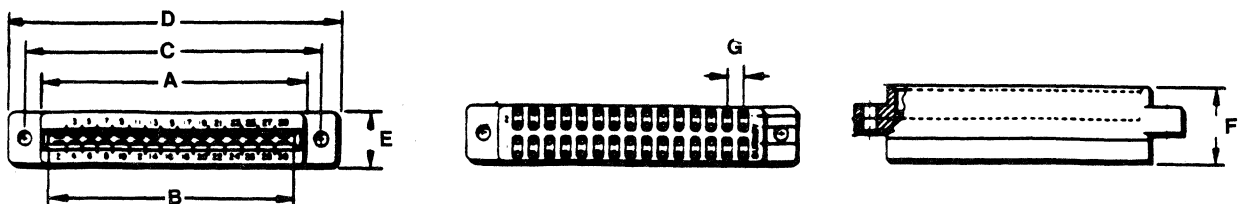
Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
0R16a	X		15	1.60	1.80	2.20	2.60	0.50	0.84	.10



0R19

Edge Card Connector

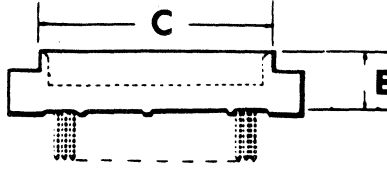
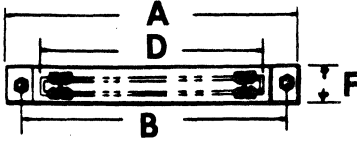
Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
0R19a	X		8	1.576	1.412	1.846	2.096	0.50	.703	.156



OUTLINE DRAWINGS

OR17

Edge Card Connector

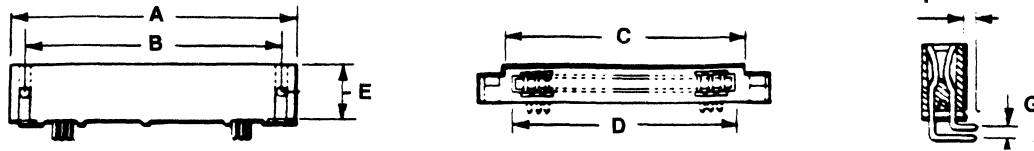


Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OR17a	X		6	1.435	1.175	0.86	0.70	.604	.325	0.20
OR17b	X	X	10	46.61	40.0	32.0	27.94	11.68	9.32	4.19
OR17c		X	10				25.4	14.4	10.16	7.48
OR17d	X		120	176.15	169.55	161.54	157.48	15.75	9.53	14.91
OR17e	X	X	120	176.66	169.06	160.6	157.48	15.75	12.45	14.91
OR17f	X		20	1.22	1.0	.72	.625	.43	.33	.43
OR17g	X	X	10	47.8	40.13	32.3	27.94	11.94	8.64	
OR17h	X	X	12	37.46	29.84	22.22	17.95	11.1	8.38	
OR17i	X	X	12	46.7	38.91	31.2	27.94	11.9	8.9	3.6
OR17j	X	X	30	68.1	61.47	54.9	50.8	18.3	9.7	14.0
OR17k	X	X	12	47.24	38.89	30.94	27.98	10.31	8.33	3.6
OR17l	X	X	40	42.7	36.45	30.2	26.67	10.9	7.6	10.9
OR17m	X	X	11	48.3	41.91	34.3	30.48	11.4	7.1	3.6
OR17n	X	X	122	176.5	169.06	160.5	157.5	15.5	12.4	15.2
OR17o	X	X	20	1.22	1.00	.72	.625	.43	.33	.44
OR17p	X	X	18	92.9	86.5		75.5		10.0	
OR17q	X	X	8	53	45.7		34.3		8.7	
OR17r	X	X	50	179.2	172.6		162.0		7.6	
OR17s	X	X	10		33.0			16.5	5.0	
OR17t	X	X	100	147.5	140.7	133.5	129.4	15.0	9.50	
OR17u	X	X	130	204.1	197.5	189.5	185.4	15.24	9.40	
OR17v	X	X	120	174.6	167.0	159.4	154.9	11.1	10.2	
OR17w	X	X	18	90.42	84.12	76.20	72.21	15.24	8.90	
OR17x	X	X	50	99.95	93.22	86.61	82.55	15.24	9.40	
OR17y	X	X	100	179.3	172.6	166.0	161.9	15.24	9.40	
OR17z	X	X	44	110.2	102.3	95.04	91.34	11.68	12.7	
OR17aa	X	X	50	122.0	114.2	106.9	103.2	15.24	9.40	
OR17ab	X	X	86	193.4	185.5	177.6	174.5	11.9	12.7	
OR17ac	X	X	86	193.4	185.5	178.2	174.5	11.68	12.7	
OR17ad	X	X	88	197.4	189.5	182.2	178.5	11.68	12.7	
OR17ae	X	X	60	151.2	143.0	134.9	129.8	11.68	11.1	
OR17af	X	X	86	192.0	185.6	178.6	174.5	15.24	9.53	
OR17ag	X	X	86	193.4	185.5	178.2	174.5	15.24	9.40	
OR17ah	X	X	40	98.33	91.69	83.82	79.76	15.24	9.40	
OR17ai	X	X	100	182.63	174.75	167.39	163.58	14.96	9.47	15.37
OR17aj	X	X	100	151.33	143.64	136.27	132.46	14.96	9.47	15.37
OR17ak	X	X	86	193.29	185.31	178.05	174.09	11.91	12.85	
OR17al	X	X	36	164.51	157.73	150.57	146.60	11.81	8.97	
OR17am	X	X	88	196.91	189.56	182.07	178.51	11.68	11.1	3.81/4.57
OR17an	X	X	100	179.2	172.59	165.99	161.93	11.68	11.1	3.81/4.57
OR17ao	X	X	100	152.4				16.76	11.68	
OR17ap	X	X	120	177.8				16.76	11.68	
OR17aq	X	X	60	152.4				19.30	11.68	
OR17ar	X	X	72	168.4				19.30	11.68	
OR17as	X	X	60	142.04	133.84	126.64	114.84	12.0	11.0	4.0
OR17at	X	X	56	136.04	128.17	120.29	114.60	11.61	8.71/9.65	5.64/6.10
OR17au	X	X	56	136.04	128.17	120.29	114.60	11.61	8.21/9.65	5.08
OR17av	X	X	28	136.04	128.17	120.29	114.60	11.61	8.71/9.65	6.35
OR17aw	X	X	110	239.5	233.6	216.3	212.0	15	9	

OUTLINE DRAWINGS

0R18

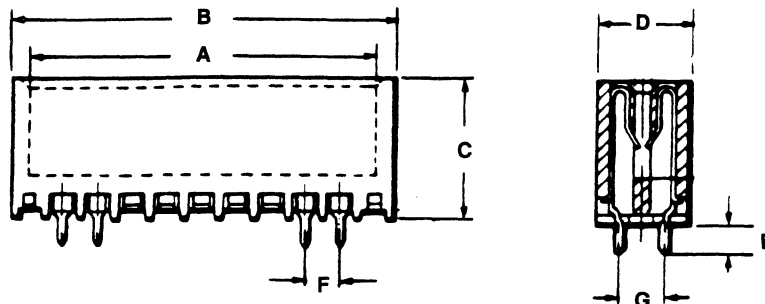
Edge Card Connector



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
0R18a	X		6	1.435	1.175	0.86	0.70	.604	.10	.150
0R18b		X	20	46.61	40.0	32.0	27.94	11.68		5.08
0R18c		X	10				25.4	14.4		1.15
0R18d		X	12	47.24	38.89	30.94	27.38	10.31	5.8	5.1
0R18e		X	22	110.54	102.39		91.3	11.71	5.49	
0R18f		X	72	98.04	93.68		93.68	15.8	2.54	5.08
0R18g	X		50	5.835	5.574	5.260	5.10	.460	.130	.200
0R18h	X		50	7.055	6.795	6.535	6.375	.460	.130	.150

0R20

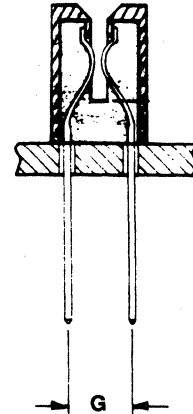
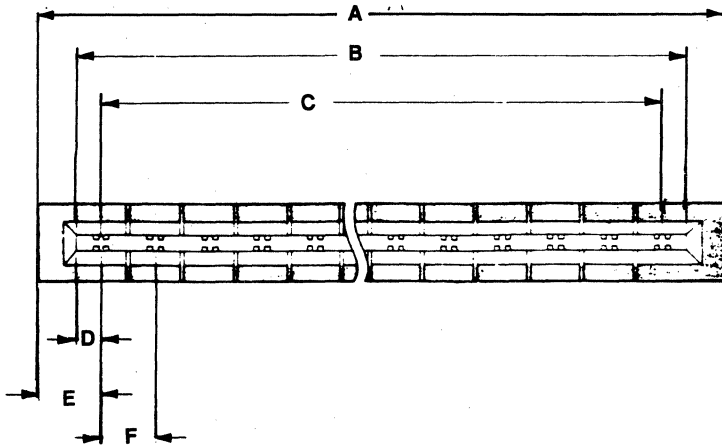
Edge Card Connector



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
0R20a	X		6	1.092	1.246	.635	0.40	.15	.156	0.20
0R20b		X	42	77.06	30.22	15.49	10.16	3.43/4.32	2.54	5.08
0R20c		X	42	95.48	98.64	15.49	10.16	3.43/4.32	3.18	5.08
0R20d		X	42	113.89	117.05	15.49	10.16	3.43/4.32	3.81	5.08
0R20e		X	42	118.31	121.47	15.49	10.16	3.43/4.32	3.96	5.08
0R20f		X	42		10.16	15.49	10.16	3.43/4.32	2.54	5.08
0R20g		X	42		12.7	15.49	10.16	3.43/4.32	3.18	5.08
0R20h		X	42		15.24	15.49	10.16	3.43/4.32	3.81	5.08
0R20i		X	42		15.85	15.49	10.16	3.43/4.32	3.96	5.08
0R20j		X	130		175.26	16.76	11.68		2.54	5.08
0R20k		X	72	93.68	98.04	15.6	9.40	16.4	2.54	5.08
0R20l		X	72	93.68	98.04	15.6	9.40	4.2	2.54	5.08
0R20m		X	34	63.86	56.90	15.0	9.3	6.8	2.54	5.08
0R20n		X	50	84.18	77.22	15.0	9.3	6.8	2.54	5.08
0R20o		X	60	96.88	89.92	15.0	9.3	6.8	2.54	5.08
0R20p		X	62	99.42	92.46	15.0	9.3	6.8	2.54	5.08

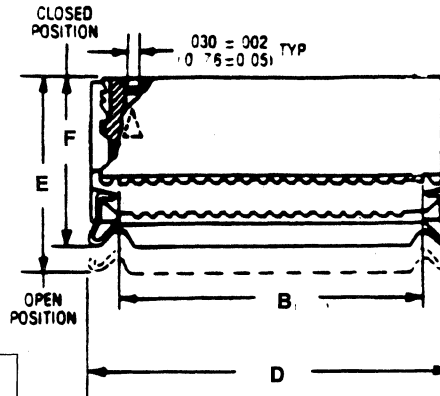
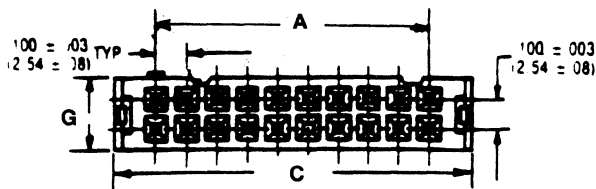
OUTLINE DRAWINGS

OR21 Edge Card Connectors



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G	
				Not Specified			.100	.180	.100	.100	
OR21a	X			Not Specified			.100	.180	.100	.100	
OR21b	X			Not Specified			.100	.180	.100	.200	
OR21c	X			Not Specified			.125	.180	.125	.125	
OR21d	X			Not Specified			.125	.180	.125	.250	
OR21e	X			Not Specified			.156	.220	.156	.200	

OR22 Female Socket Connectors



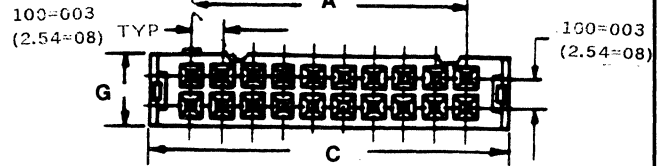
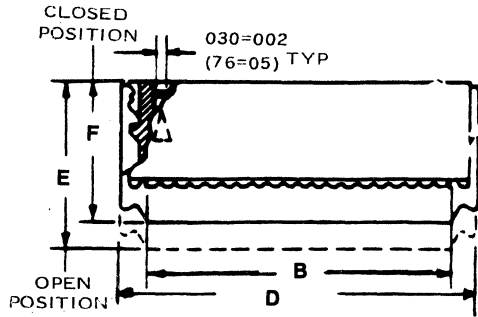
Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OR22a	X	10	10	10.16	13.08	17.2	17.53	17.1	14.7	6.1
OR22b	X	10	10	10.16		17.27			17.3	6.15
OR22c	X	10	10	10.16		17.27			16.2	6.10
OR22d	X	10	10	25.4	12.8	17.83			10.67	6.10
OR22e	X	10	10	10.16	13.08	14.65	14.98	13.9	11.4	6.1
OR22f	X	10	10	17.27						
OR22g	X	10	10	10.16	11.43	17.27	12.8	18.5	12.1	7.3
OR22h	X	60	60	73.66		80.77		16.25	10.65	5.99
OR22i	X	34	34	50.80		60.60		18.5	12.1	7.3
OR22j	X	64	64	78.74		85.85	85.85	15.98	14.48	6.1
OR22k	X	60	60	73.66		80.6			11.4	6.0
OR22l	X	60	60	73.66		80.77			10.65	6.0
OR22m	X	60	60	2.90		3.18	3.18		.625	.236
OR22n	X	10	10	10.16		17.27	17.27		10.75	6.08
OR22o	X	14	14	15.24		22.35	22.35		10.75	6.08
OR22p	X	16	16	17.78		24.89	24.89		10.75	6.08
OR22q	X	20	20	22.86		29.97	29.97		10.75	6.08
OR22r	X	26	26	30.48		37.59	37.59		10.76	6.08
OR22s	X	34	34	40.64		47.75	47.75		10.76	6.08
OR22t	X	40	40	48.26		55.37	55.37		10.75	6.08
OR22u	X	50	50	60.96		68.07	68.07		10.75	6.08
OR22v	X	60	60	73.66		80.77	80.77		10.75	6.08

OUTLINE DRAWINGS

OR23

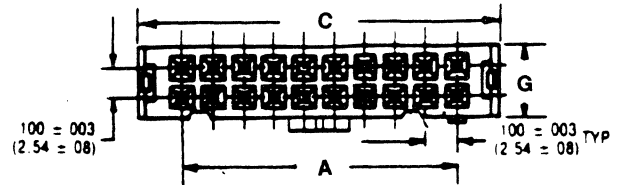
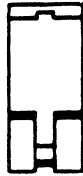
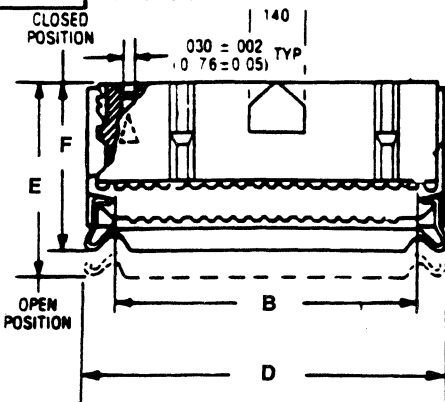
Female Socket Connectors

Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OR23a	X	10	10.16	13.08	17.2	17.53	14.0	11.6	6.1	
OR23b	X	26	30.48			38.10		21.84	8.64	
OR23c	X	10				17.2				
OR23d	X	10	17.2							



OR24

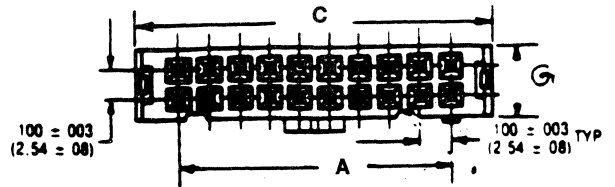
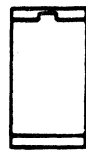
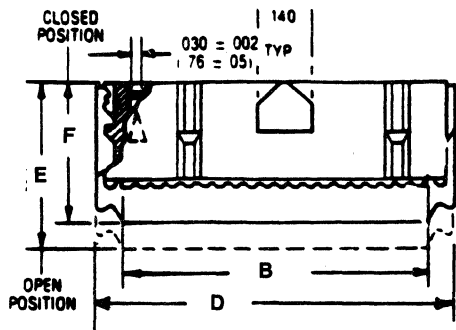
Center Polarized Female Socket Connectors



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OR24a	X	10	10.16	13.08	17.2	17.53	17.1	14.7	6.1	
OR24b	X	64	78.74			85.86	85.85	15.98	14.48	6.1
OR24c	X	60	73.66			80.77	80.77		13.08	6.08

OR25

Center Polarized Female Socket Connectors

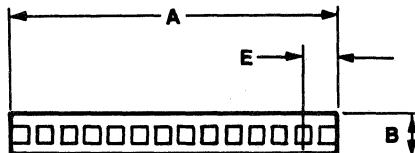
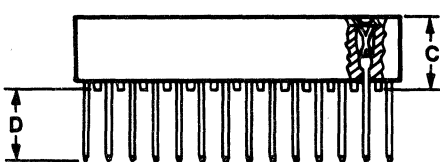


Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OR25a	X	10	10.16	13.08	17.2	17.53	14.0	11.6	6.1	
OR25b	X	50	60.96			68.1		15.5	10.5	6.0

OR26

Vertical Stacking Connector

Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E
OR26a	X	10	25.4	4.36	7.57	3.05 - 21.08	2.54	
OR26b	X	20	12.57	3.05	6.02	10.92	2.54	
OR26c	X	20	51.69	2.54	5.46	4.45	2.54	
OR26d	X	12	30.48	3.81	8.26	7.62/15.62	2.54	

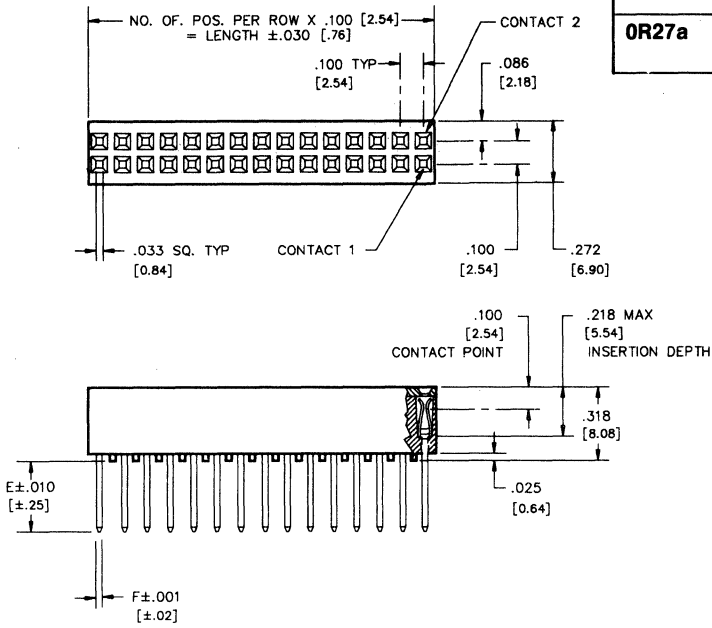


OUTLINE DRAWINGS

0R27

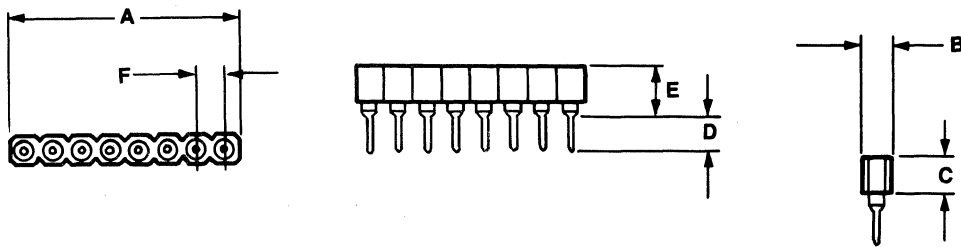
Vertical Stacking Connector

Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E
0R27a		X	20	25.4	6.9	8.08	3.05 - 21.08	2.54



0R28

Strip Socket

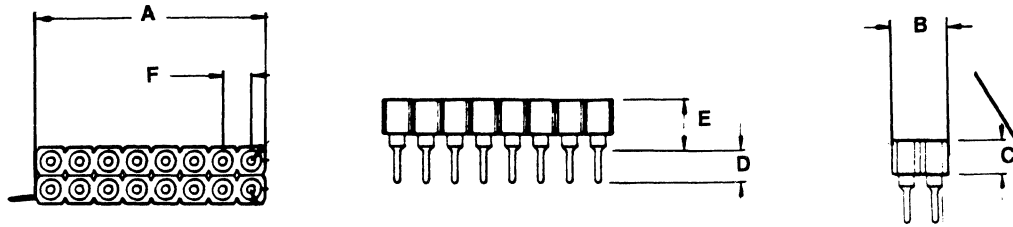


Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F
0R28a		X	10	25.4	2.54	3.0	2.90	4.5/5.1	2.54
0R28b		X	20	50.8	2.54	3.0	7.39/18.-05	4.5/5.08	2.54
0R28c		X	10	22.86	2.51	4.06			2.54
0R28d		X	32	81.28	2.54	2.54	3.18/12.-95	4.91	2.54
0R28e		X	20	50.8	3.05	2.54	3.17/12.-95	6.36	2.54
0R28f		X	10	50.8	5.08	2.36	5.08/6.35	6.35	5.08
0R28g		X	32	81.28	2.54	2.54	3.18/12.-95		2.54
0R28h		X	32	81.28	2.54	1.27	2.74/3.18	2.42/4.19	2.54
0R28i		X	38	99.21	8.2	7.7	3.5	7.7	2.54

OUTLINE DRAWINGS

0R29

Strip Socket

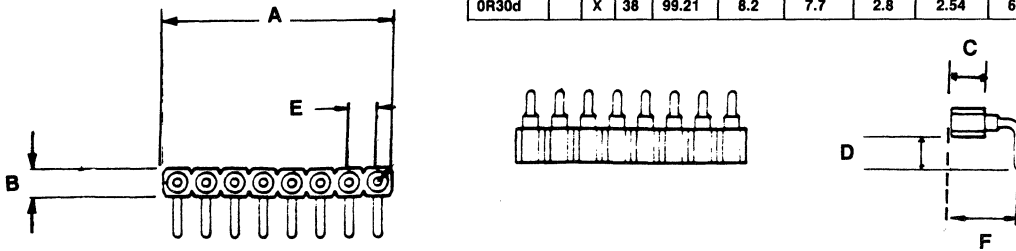


Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F
0R29a		X	10	25.4	5.08	3.0	2.90	4.5/5.1	2.54
0R29b		X	36	91.44	5.08	2.54	3.18/12.95	4.91	2.54
0R29c		X	25	64.14	5.72	4.83	3.17/12.95	6.36	2.54
0R29d		X	36	91.44	5.08	1.27	2.41/3.18	2.42/4.19	2.54

0R30

Strip Socket - Right Angle

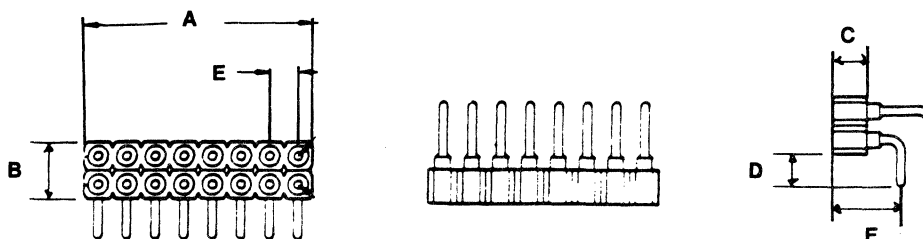
Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F
0R30a		X	10	25.4	2.54	3.0	2.9	2.54	6.0
0R30b		X	32	81.28	2.54	2.54		2.54	8.51
0R30c		X	32	81.28	2.54	2.54	9.78	2.54	2.54
0R30d		X	38	99.21	8.2	7.7	2.8	2.54	6.8



0R31

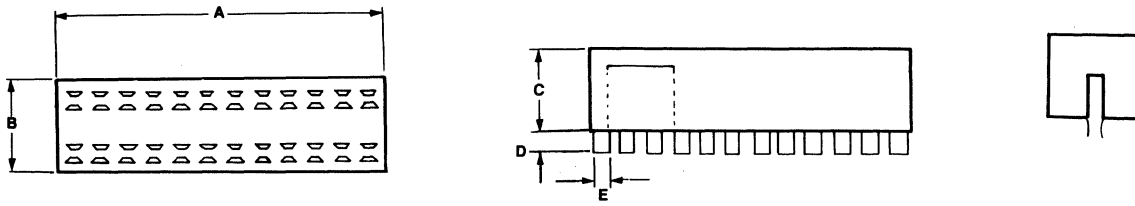
Strip Socket - Right Angle

Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F
0R31a		X	10	25.4	5.08	3.0	2.90	2.54	6.0



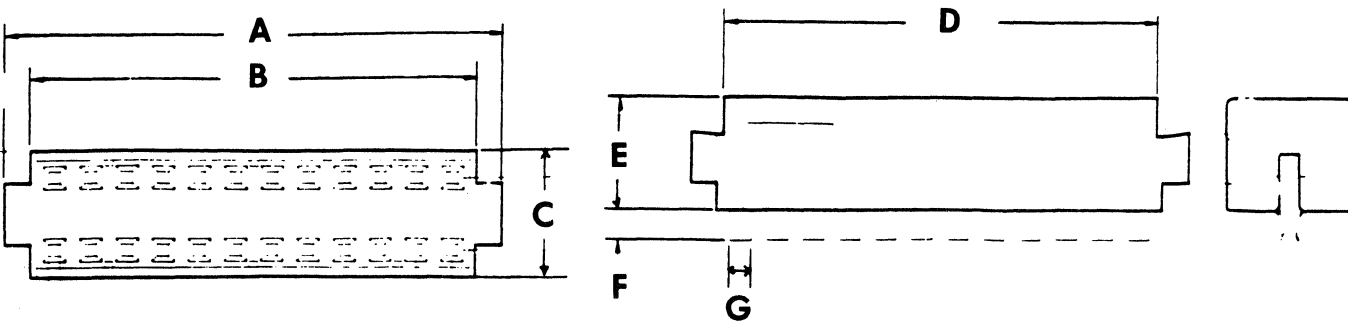
OUTLINE DRAWINGS

OR32 Socket

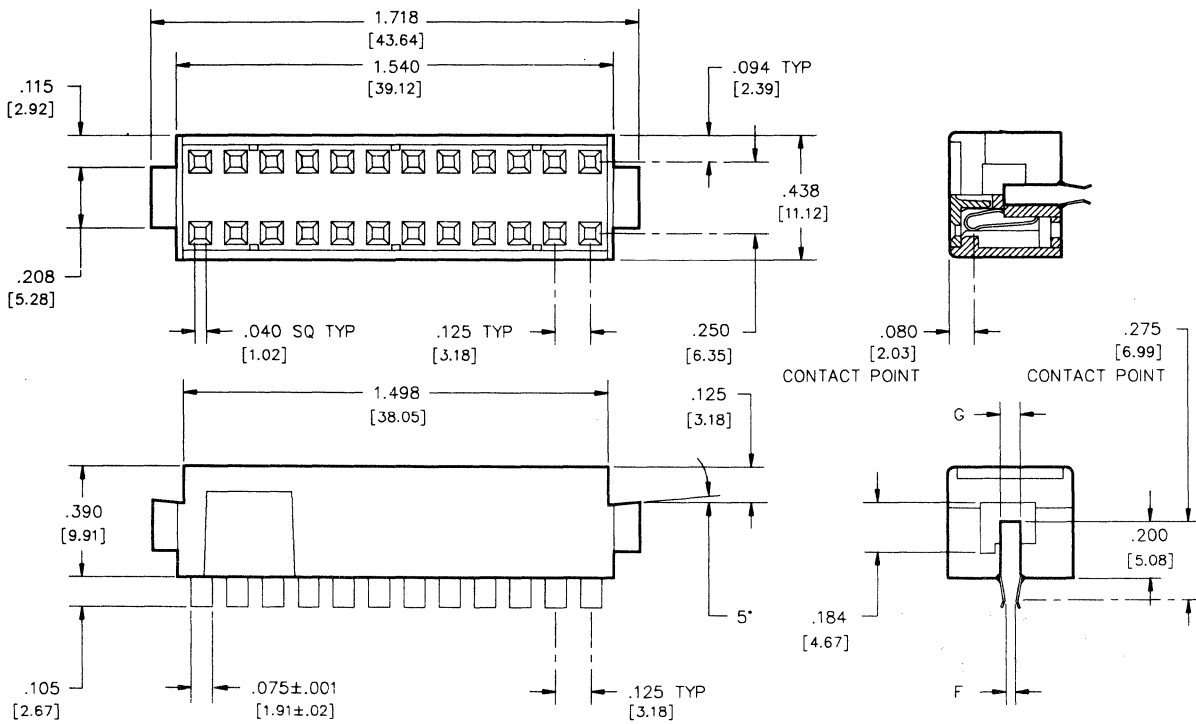


Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E
OR32a		X	12	19.0	11.12	9.91	2.67	1.91
OR32b	X		60	80.77		14.5		
OR32c	X		60	80.77	8.38	8.36		

OR33 Socket



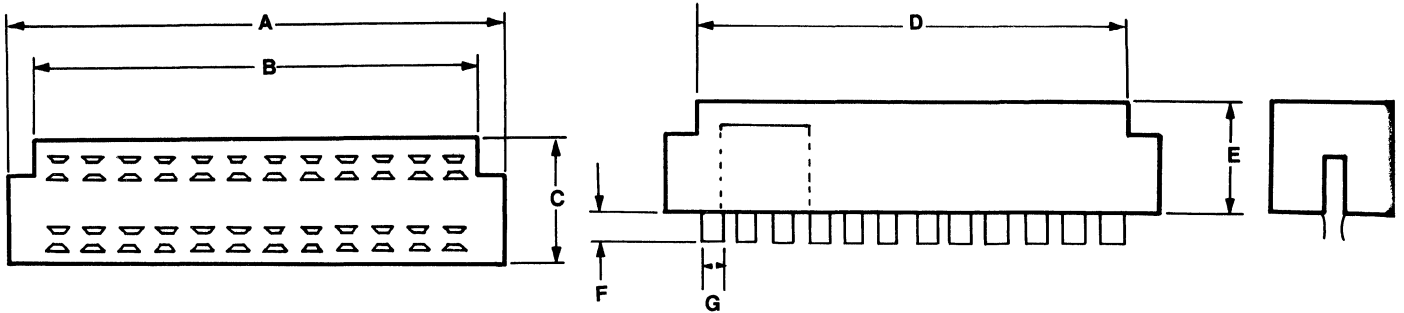
Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
OR33a		X	24	43.64	39.12	11.12	38.05	9.91	2.67	1.91



OUTLINE DRAWINGS

0R34

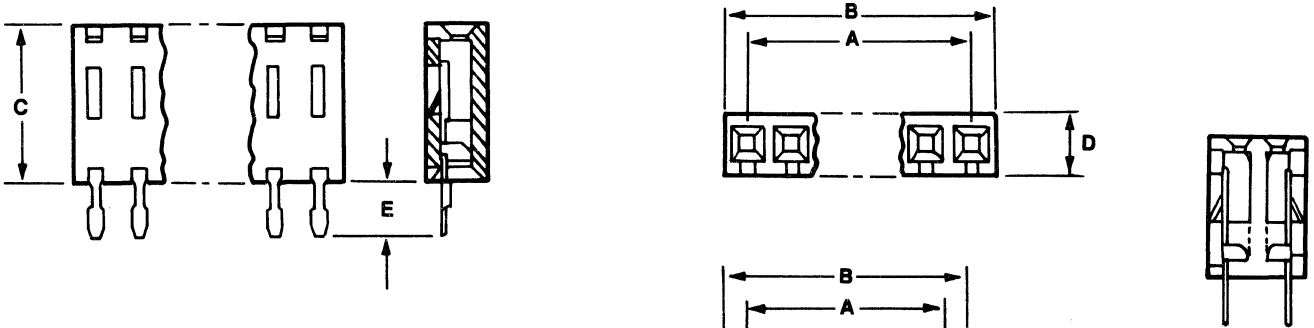
Socket



Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	F	G
0R34a		X	24	43.64	39.12	11.12	38.05	9.91	2.67	1.91

0R35

Single/Dual Row Vertical Connector

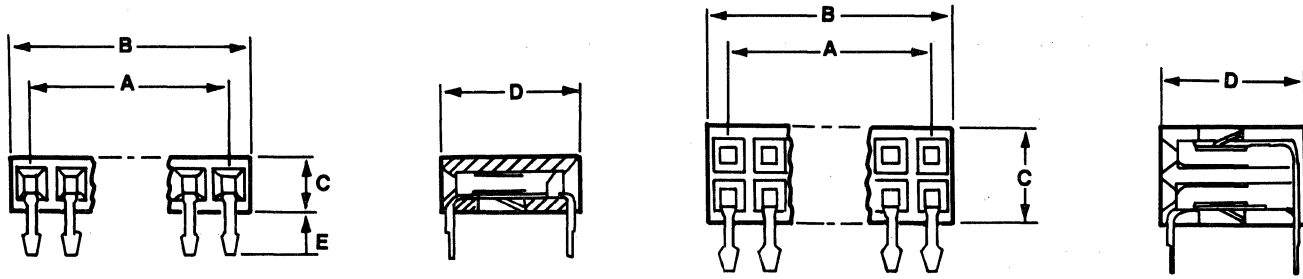


Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	X	Y	No. of Rows
0R35a		X	65	(n-1)(X)	(A+Y)	8.9	3.6	2.9	2.54	2.54	1
0R35b		X	65	(n-1)(X)	(A+Y)	8.9	6.1	2.9	2.54	2.54	2
0R35c		X	65	(n-1)(X)	(A+Y)	8.89	3.55	2.9	2.54	2.54	1
0R35d		X	65	(n-1)(X)	(A+Y)	8.89	6.09	2.9	2.54	2.54	2
0R35e		X	60	(n-1)(X)	(A+Y)	8.89	6.09	2.9	2.54	2.54	2
0R35f		X	130	(n-2-1)(X)	(A+Y)	8.89	6.09	.508	2.54	2.54	2
0R35g		X	65	(n-1)(X)	(A+Y)	8.89	3.56	.508	2.54	2.54	1
0R35h		X	36	(n-1)(X)	(A+Y)	8.43	3.81	3.61	2.54	2.54	1

OUTLINE DRAWINGS

OR36

Single/Dual Row Horizontal Connector

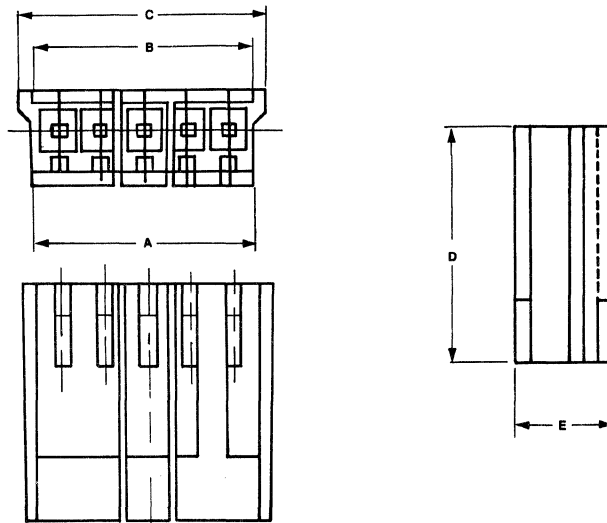


Dwg. No Suffix	I N	M M	P I N S	A	B	C	D	E	X	Y	No. of Rows
OR36a		X	65	$(n-1)(X)$	$(A+Y)$	3.6	8.9	2.9	2.54	2.54	1
OR36b		X	65	$(n-1)(X)$	$(A+Y)$	6.1	8.9	2.9	2.54	2.54	2
OR36c		X	60	$(n-1)(X)$	$(A+Y)$	6.09	8.89	2.9	2.54	2.54	2
OR36d		X	130	$(n \div 2-1)(X)$	$(A+Y)$	6.09	8.89	.508	2.54	2.54	2
OR36e		X	65	$(n-1)(X)$	$A+Y$	3.56	8.89	.508	2.54	2.54	1
OR36f		X	130	$(n \div 2-1)(X)$	$A+Y$	6.17	8.36		2.54	2.54	2
OR36g		X	36	$(n-1)(X)$	$A+Y$	3.81	8.43		2.54	2.54	1

OR47

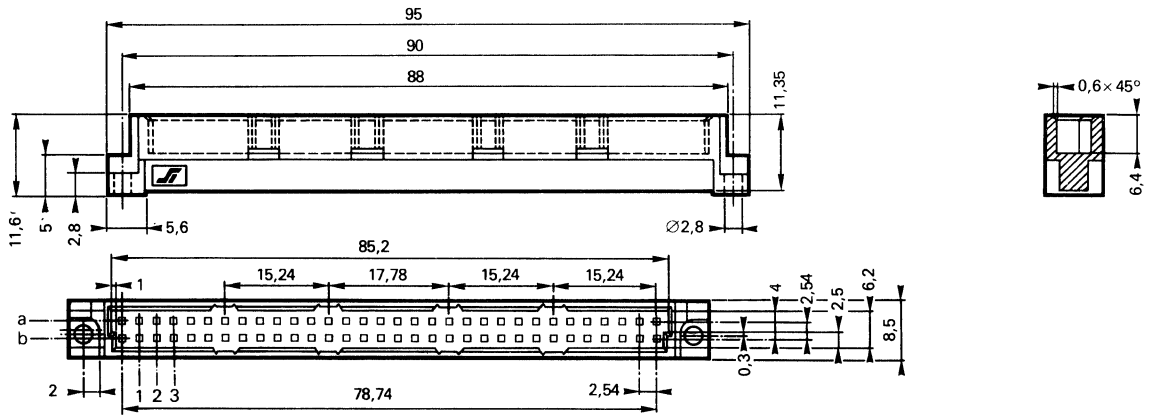
POLES	A	B	C	D	E
2	5.6	5.3	7.1	14	5.8
3	8.1	7.8	9.6	14	5.8
4	10.6	10.3	12.1	14	5.8
5	13.1	12.8	14.6	14	5.8
6	15.6	15.3	17.1	14	5.8
7	18.1	17.8	19.6	14	5.8
8	20.6	20.3	22.1	14	5.8
9	23.1	22.8	24.6	14	5.8
10	25.6	25.3	27.1	14	5.8

DIMENSIONS IN MM

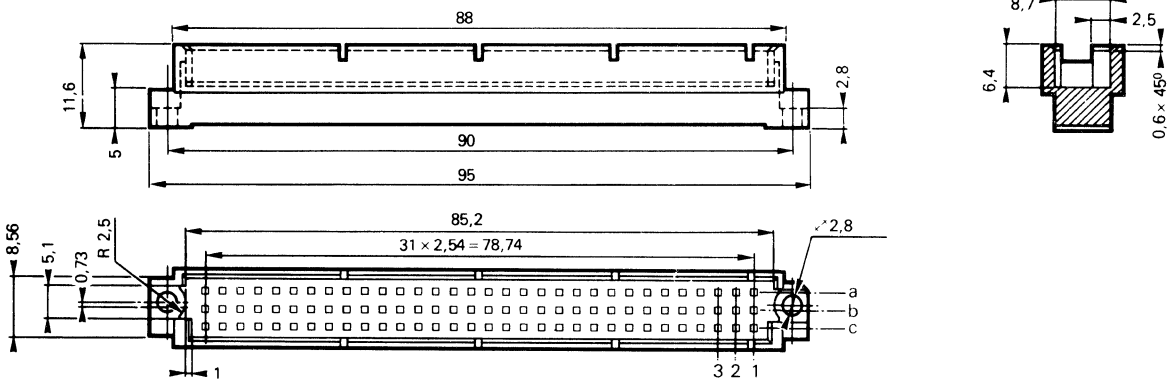


OUTLINE DRAWINGS

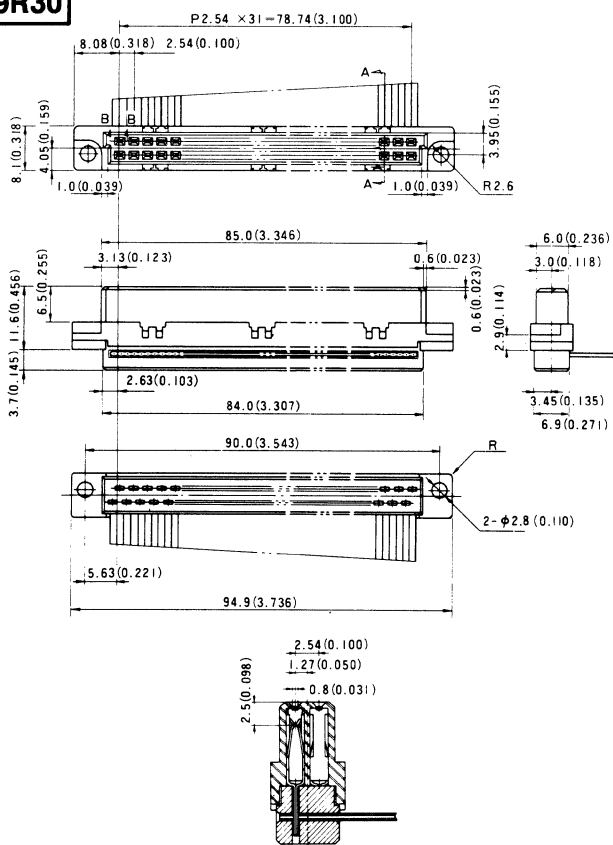
999R31



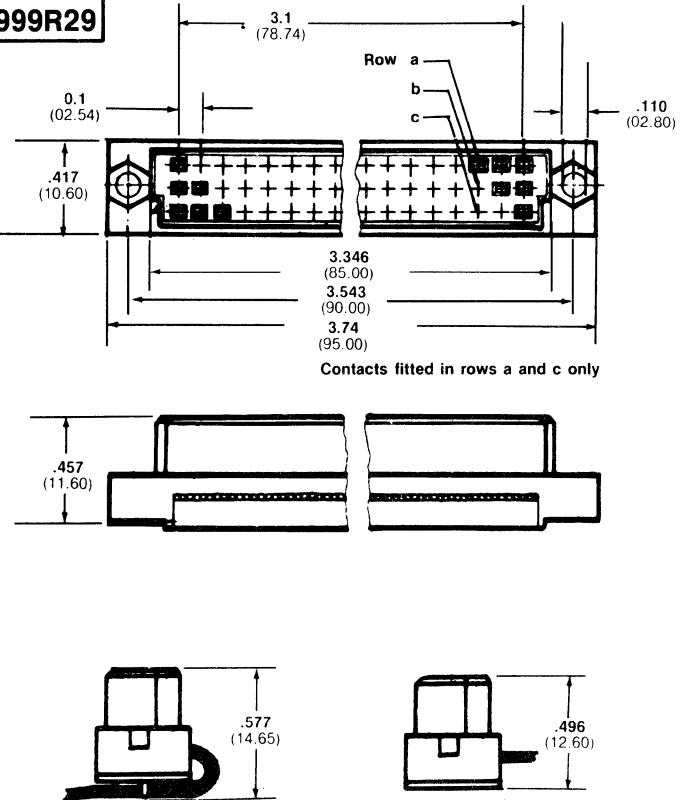
999R32



999R30

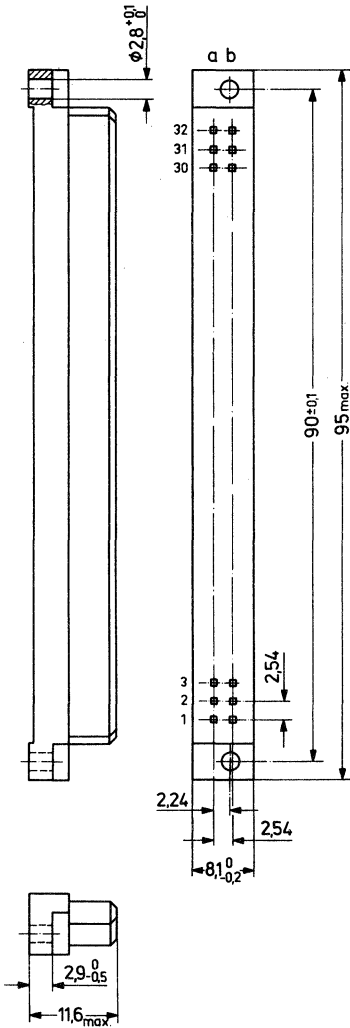


999R29

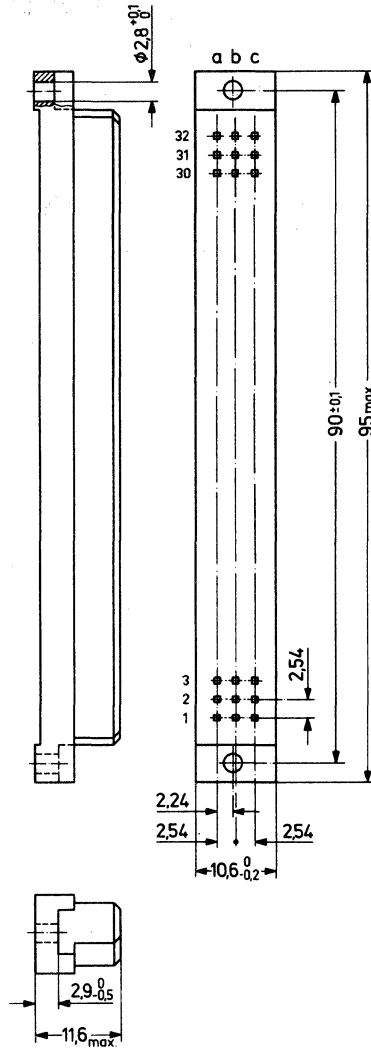


OUTLINE DRAWINGS

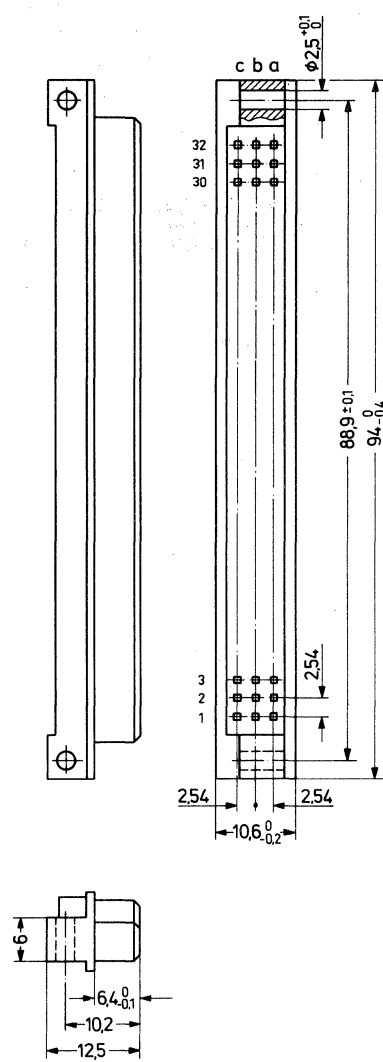
999R2



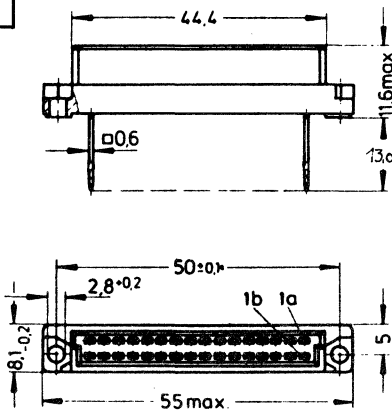
999R4



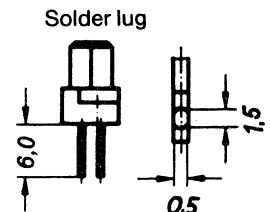
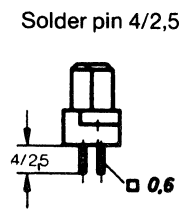
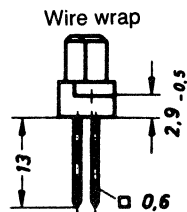
999R10



999R6

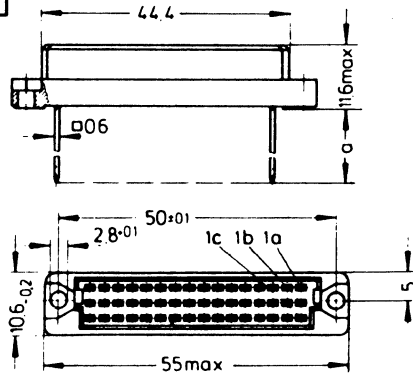


Type of contacts

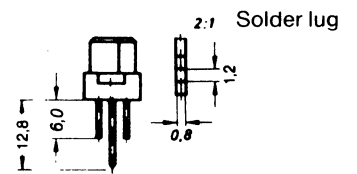
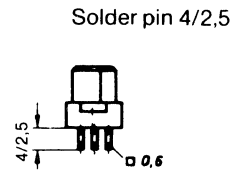
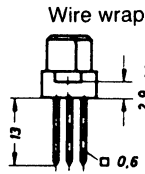


OUTLINE DRAWINGS

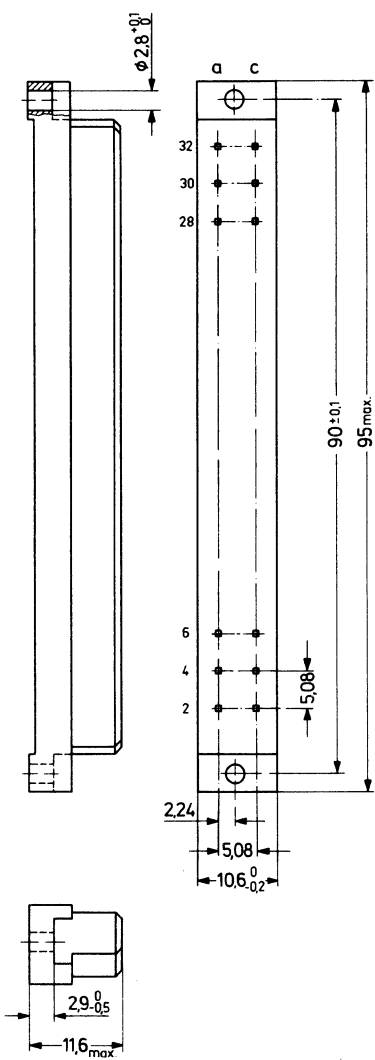
999R8



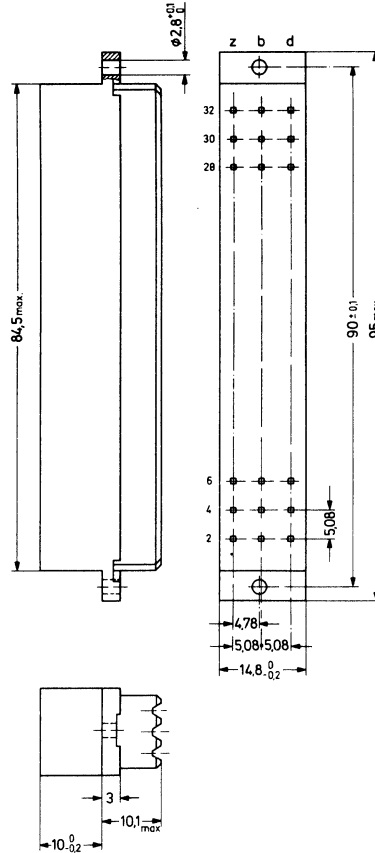
Type of contacts



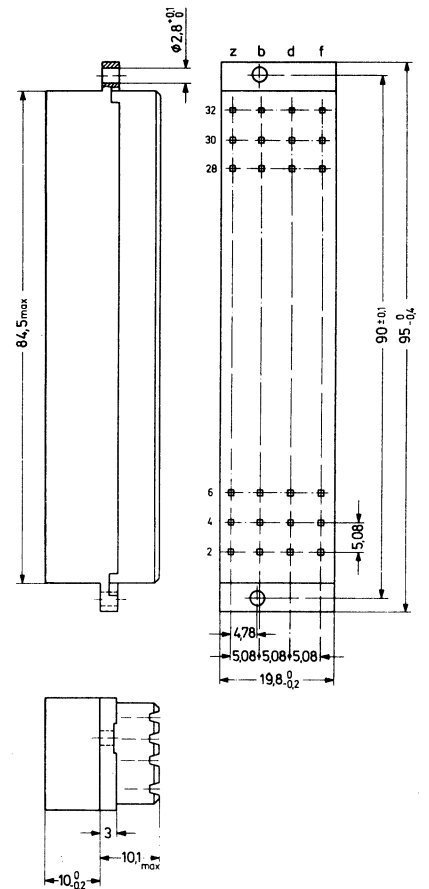
999R13



999R15

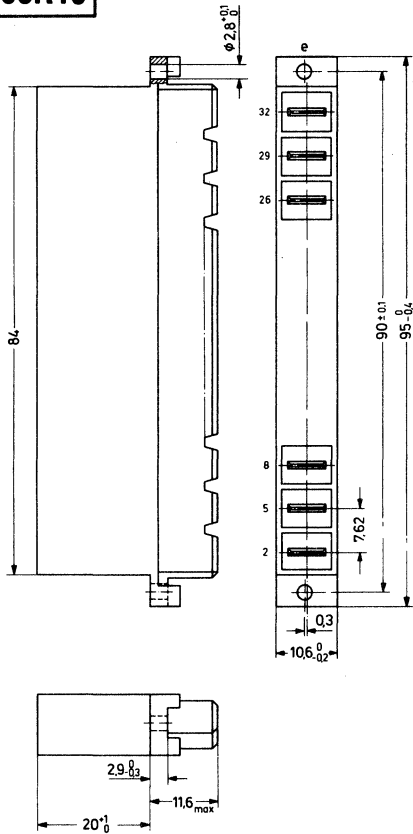


999R17

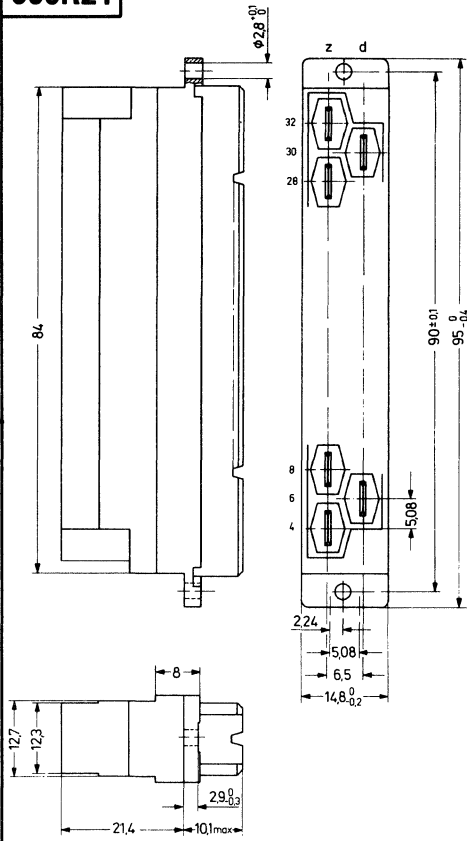


OUTLINE DRAWINGS

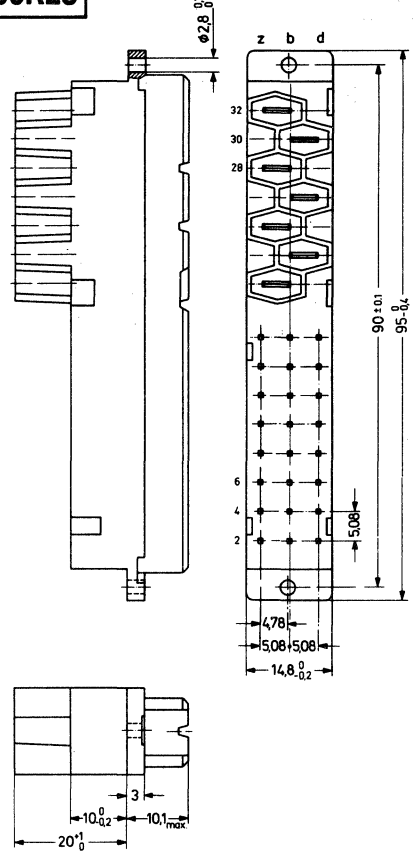
999R19



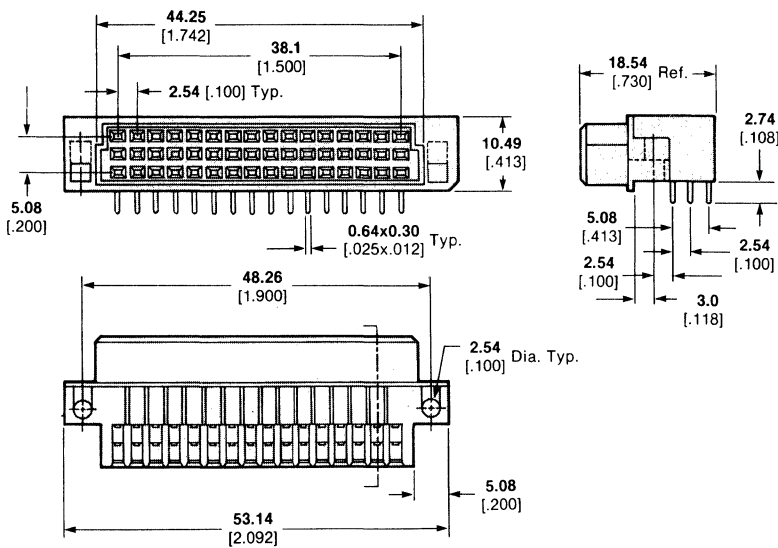
999R21



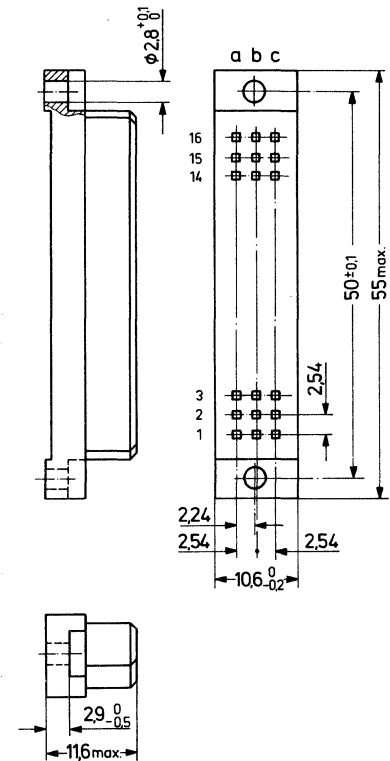
999R23



999R27

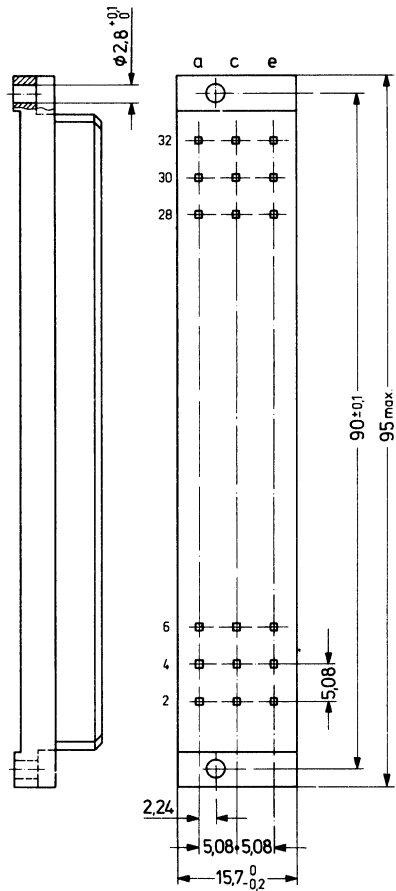


999R28

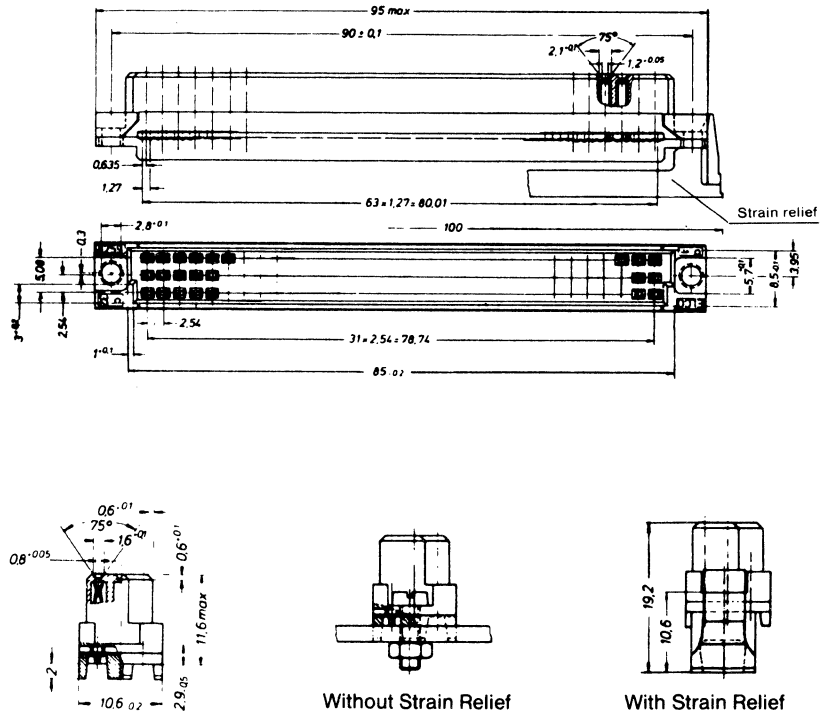


OUTLINE DRAWINGS

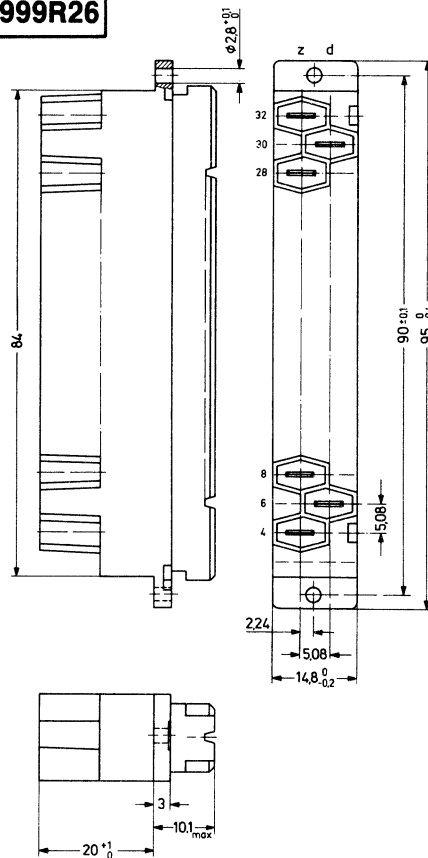
999R25



999R11



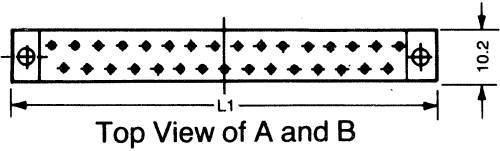
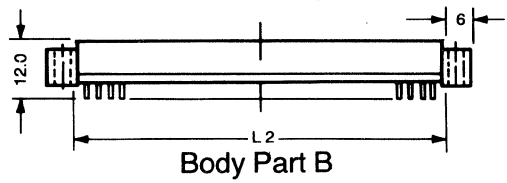
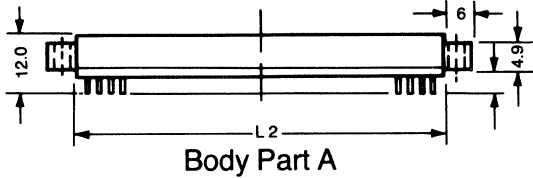
999R26



OUTLINE DRAWINGS

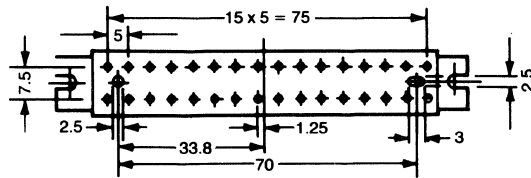
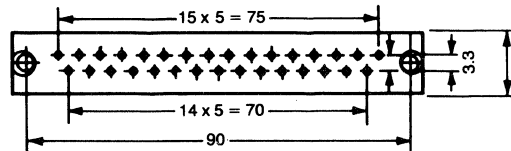
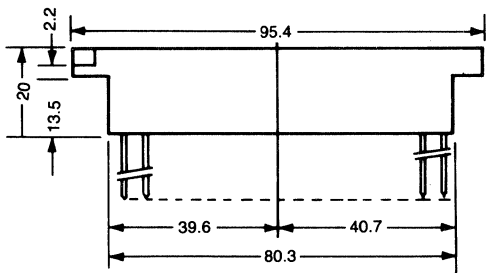
999R33

Connector styles

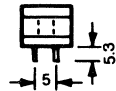
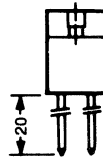
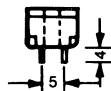
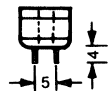


No. of Poles	L ₁	L ₂	e ₁	e ₂
13	45.8	34.2	12 x 2.5 = 30	40
21	65.8	54.2	20 x 2.5 = 50	60
31	90.8	79.2	30 x 2.5 = 75	85

32 way only (31 + 1 spare post)



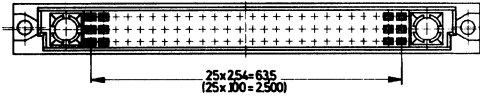
All dimensions in (mm)



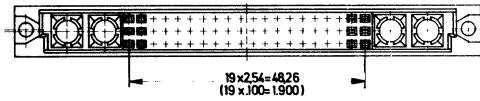
OUTLINE DRAWINGS

999R34

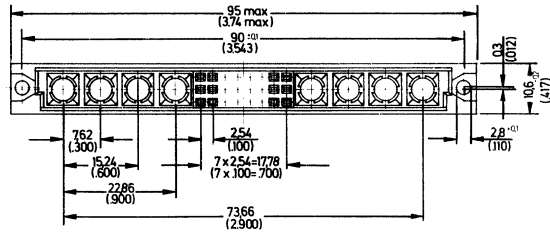
78 + 2 Kontakte / contacts



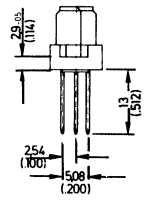
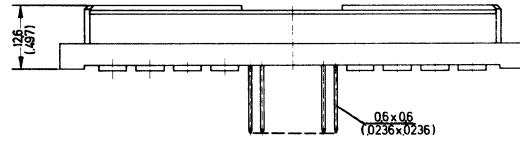
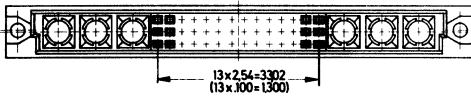
60 + 4 Kontakte / contacts



24 + 8 Kontakte / contacts

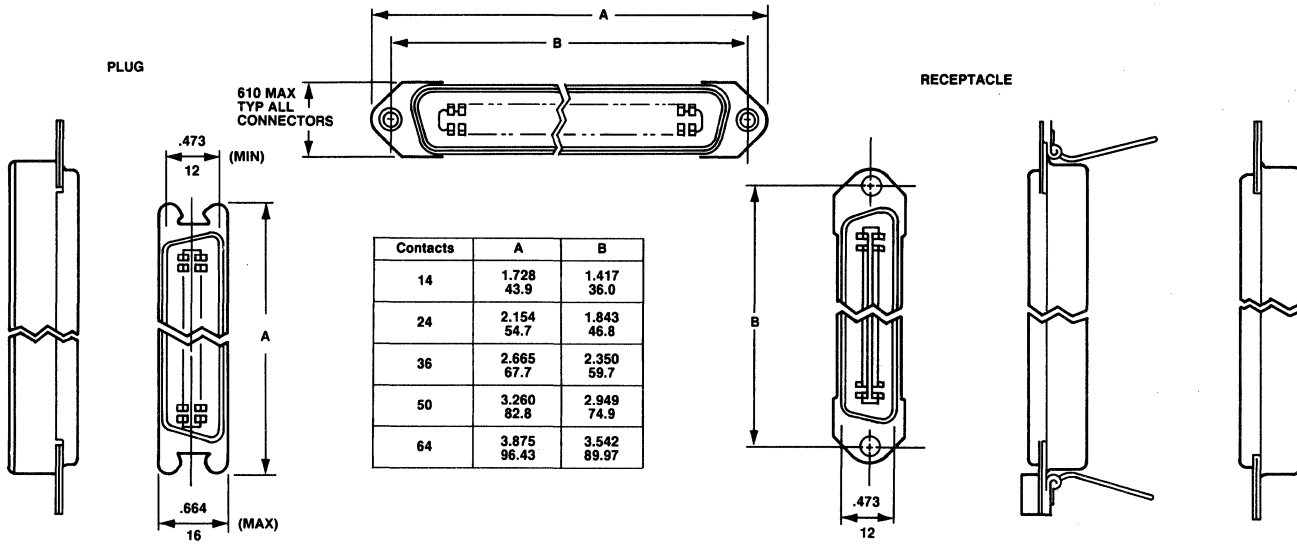


42 + 6 Kontakte / contacts

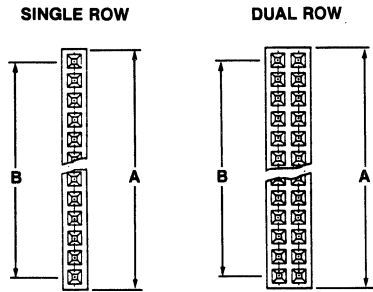


OUTLINE DRAWINGS

OG03

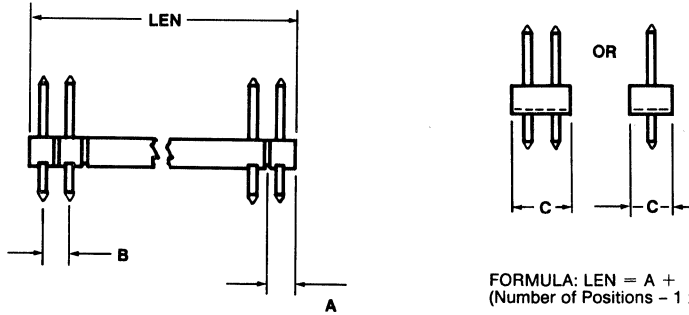


OG02



Dim. A = Number of Positions
(In One Row) X Dim. C
Dim. B = Dim. A - Dim. C

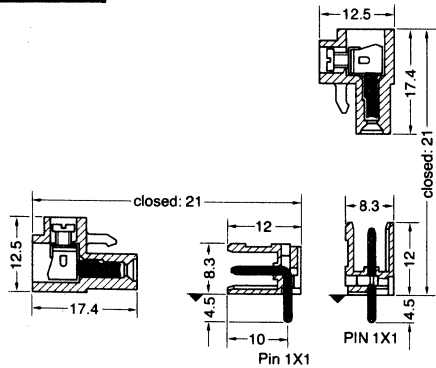
OG04



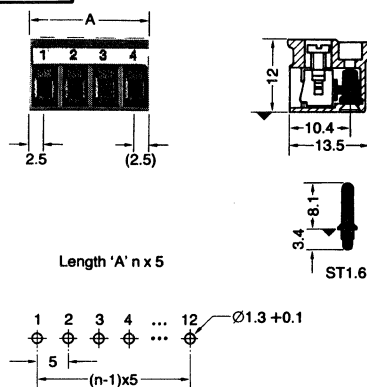
FORMULA: $LEN = A + (Number\ of\ Positions - 1 \times B)$

NOTE: Positions are Counted in One Row Only.

117G1



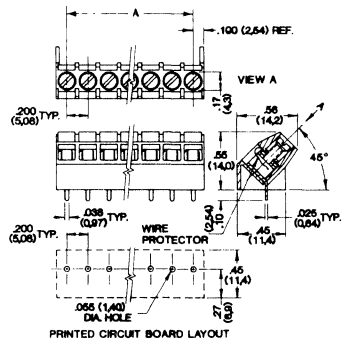
117G2



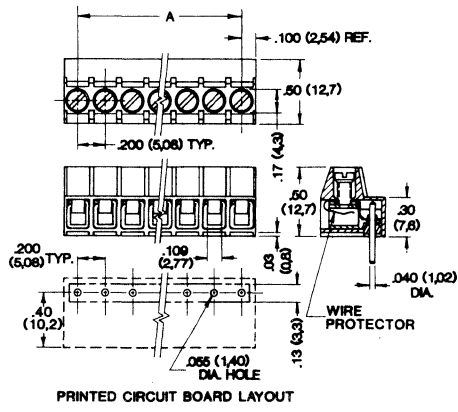
OUTLINE DRAWINGS

92G1

Number Terminal Positions	"A" Length		RDI Catalog Number	RDI Catalog Number
	Inches	mm		
2	0.2	5,1	2MA-02	2MDV-02
3	0.4	10,2	2MA-03	2MDV-03
4	0.6	15,2	2MA-04	2MDV-04
5	0.8	20,3	2MA-05	2MDV-05
6	1.0	25,4	2MA-06	2MDV-06
7	1.2	30,5	2MA-07	2MDV-07
8	1.4	35,6	2MA-08	2MDV-08
9	1.6	40,6	2MA-09	2MDV-09
10	1.8	45,7	2MA-10	2MDV-10
11	2.0	50,8	2MA-11	2MDV-11
12	2.2	55,9	2MA-12	2MDV-12
13	2.4	61,0	2MA-13	2MDV-13
14	2.6	66,0	2MA-14	2MDV-14
15	2.8	71,1	2MA-15	2MDV-15
16	3.0	76,2	2MA-16	2MDV-16
17	3.2	81,3	2MA-17	
18	3.4	86,4	2MA-18	
19	3.6	91,4	2MA-19	
20	3.8	96,5	2MA-20	
21	4.0	101,6	2MA-21	
22	4.2	106,7	2MA-22	
23	4.4	111,8	2MA-23	
24	4.6	116,8	2MA-24	

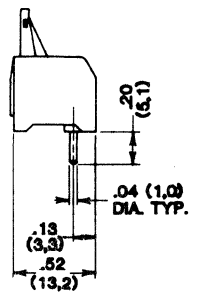
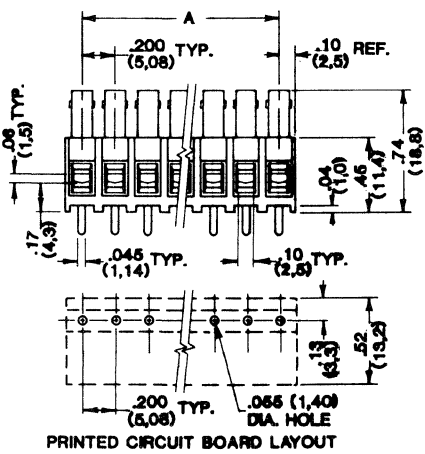


2MA



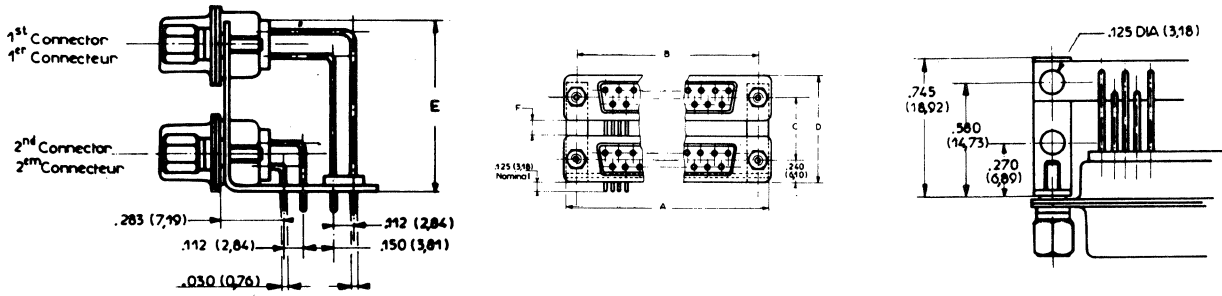
92G2

Number Terminal Positions	"A" Length		RDI Catalog Number	RDI Catalog Number
	Inches	mm		
2	0.2	5,1	2SV-02	2SDV-02
3	0.4	10,2	2SV-03	2SDV-03
4	0.6	15,2	2SV-04	2SDV-04
5	0.8	20,3	2SV-05	2SDV-05
6	1.0	25,4	2SV-06	2SDV-06
7	1.2	30,5	2SV-07	2SDV-07
8	1.4	35,6	2SV-08	2SDV-08
9	1.6	40,6	2SV-09	2SDV-09
10	1.8	45,7	2SV-10	2SDV-10
11	2.0	50,8	2SV-11	2SDV-11
12	2.2	55,9	2SV-12	2SDV-12
13	2.4	61,0	2SV-13	2SDV-13
14	2.6	66,0	2SV-14	2SDV-14
15	2.8	71,1	2SV-15	2SDV-15
16	3.0	76,2	2SV-16	2SDV-16



OUTLINE DRAWINGS

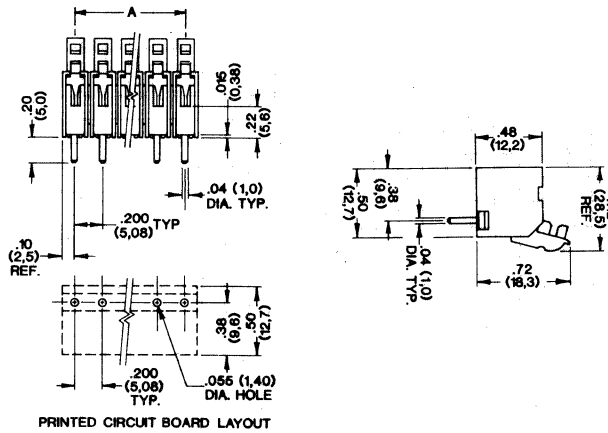
120G1



Size	Nb. of contacts	A	B	Series	C	D	E	F
9	18	1.203 (30,56)	.984 (24,99)	a	.625 (15,88)	1.113 (28,27)	1.010 (25,65)	.135 (3,43)
15	30	1.531 (38,89)	1.312 (33,32)	b	.750 (19,05)	1.238 (31,45)	1.135 (28,83)	.260 (6,60)
25	50	2.078 (52,78)	1.852 (47,04)	c	.900 (22,86)	1.388 (35,26)	1.285 (32,64)	.410 (10,41)
37	74	2.719 (69,06)	2.500 (63,50)					

92G3

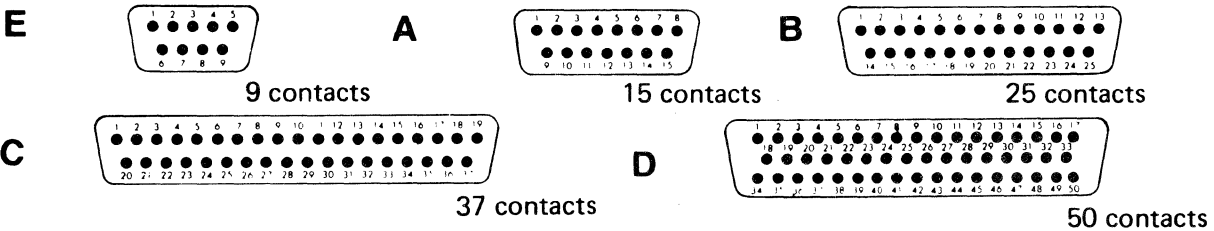
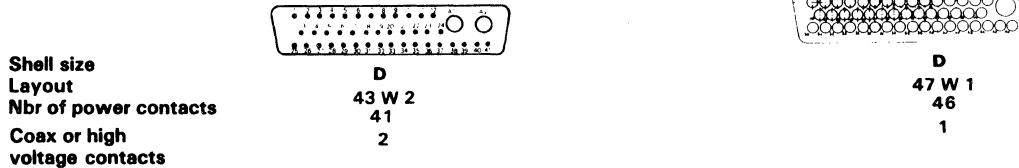
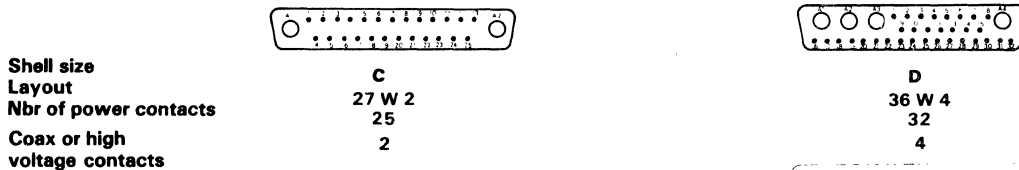
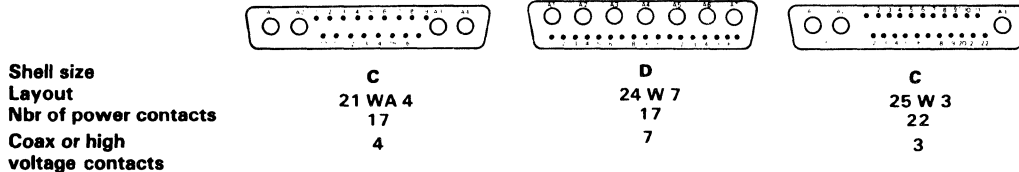
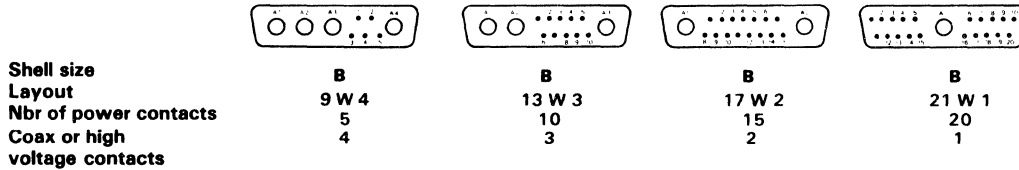
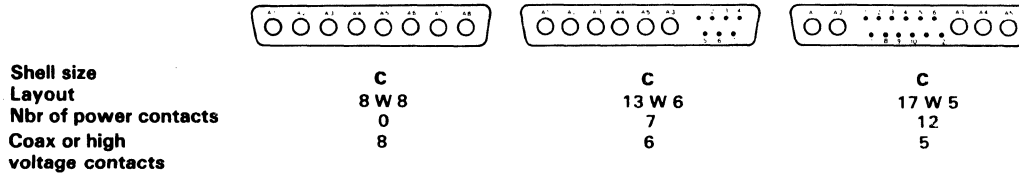
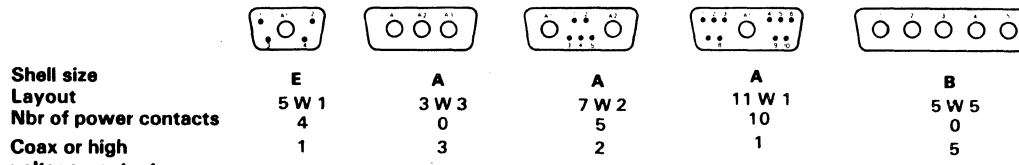
Number Terminal Positions	"A" Length	
	Inches	mm
2	0.2	5,1
3	0.4	10,2
4	0.6	15,2
5	0.8	20,3
6	1.0	25,4
7	1.2	30,5
8	1.4	35,6
9	1.6	40,6
10	1.8	45,7
11	2.0	50,8
12	2.2	55,9
13	2.4	61,0
14	2.6	66,0
15	2.8	71,1
16	3.0	76,2



OUTLINE DRAWINGS

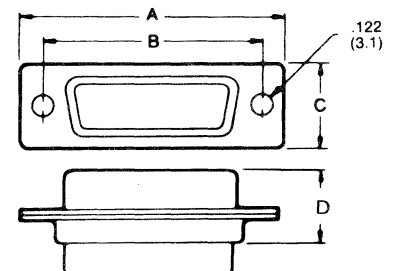
0G01

COMBINATION LAYOUTS



Contacts	Shells	A	B	C	D
9	E	1.213 (30.81)	.984 (24.99)	.492 (12.51)	.431 (10.96)
15	A	1.545 (39.25)	1.312 (33.32)	.492 (12.51)	.431 (10.96)
25	B	2.090 (53.10)	1.852 (47.04)	.492 (12.51)	.431 (10.96)
37	C	2.733 (69.43)	2.500 (63.50)	.492 (12.51)	.431 (10.96)
50	D	2.640 (67.06)	2.406 (61.11)	.603 (15.31)	.431 (10.96)

Above measurements are averages of male & female connectors taken from a representative sample of manufacturers.



OUTLINE DRAWINGS

Dimensions Conversion Table

mm	inch	mm	inch	mm	inch	mm	inch
0.02	.0008	1.52	.0598	6.4	.252	20.1	.791
0.03	.0012	1.53	.0602	6.5	.256	22.0	.866
0.04	.0016	1.54	.0606	6.9	.272	22.1	.870
0.05	.002	1.55	.0610	7.0	.276	25.1	.988
0.06	.0024	1.6	.063	7.1	.280	28.6	1.126
0.09	.0035	1.7	.067	7.62	.300	30.0	1.181
0.1	.004	1.8	.071	8.0	.315	30.48	1.200
0.2	.008	2.2	.087	8.1	.319	31.3	1.232
0.3	.012	2.5	.098	8.17	.322	35.56	1.400
0.4	.016	2.54	.100	8.4	.331	36.0	1.417
0.5	.020	2.7	.106	8.5	.335	38.1	1.500
0.6	.024	2.8	.110	8.7	.343	41.0	1.614
0.8	.032	2.84	.112	9.1	.358	44.4	1.748
0.94	.0370	2.9	.114	9.5	.374	44.6	1.756
0.95	.0374	3.0	.118	10.0	.394	46.0	1.811
0.96	.0378	3.2	.126	10.1	.398	48.26	1.900
0.97	.0382	3.3	.130	10.2	.402	50.0	1.969
0.98	.0386	3.5	.138	10.6	.417	54.0	2.126
0.99	.0390	3.81	.150	11.0	.433	55.0	2.165
1.00	.0394	3.85	.152	11.1	.437	60.0	2.362
1.01	.0398	3.95	.156	11.3	.445	71.12	2.800
1.02	.0402	4.0	.157	11.5	.453	76.2	3.000
1.03	.0406	4.05	.159	11.6	.457	78.74	3.100
1.04	.0410	4.5	.177	12.0	.472	84.9	3.343
1.05	.0414	5.0	.197	12.4	.488	85.0	3.346
1.08	.0418	5.08	.200	12.5	.492	85.2	3.354
1.09	.0422	5.2	.205	12.7	.500	85.4	3.362
1.15	.045	5.3	.209	13.0	.512	87.5	3.445
1.2	.047	5.5	.217	13.6	.535	88.9	3.500
1.45	.0571	5.63	.222	13.8	.543	89.0	3.504
1.46	.0575	5.95	.234	14.6	.575	90.0	3.543
1.47	.0579	6.0	.236	14.8	.583	94.0	3.701
1.48	.0583	6.1	.240	15.7	.618	95.0	3.740
1.49	.0587	6.2	.244	16.1	.634	100.0	3.937
1.50	.0591	6.3	.248	19.8	.780	130.0	5.118
1.51	.0595	6.35	.250	20.0	.787		

DRAWING CROSS REFERENCE

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OG01		A-DF9LS (A)	2-48	85	OG01		D201	2-152	36
OG01		A-DF9LS (B)	2-48	86	OG01		D202	2-152	49
OG01		A-DS9L (A)	2-124	50	OG01		D203	2-152	59
OG01		A-DS9L (B)	2-124	51	OG01		D204	2-152	37
OG01		A-DS9LF (A)	2-124	52	OG01		D205	2-152	50
OG01		A-DS9LF (B)	2-124	53	OG01		D206	2-152	60
OG01		A-DS9LS (A)	2-124	54	OG01		D401U	2-152	71
OG01		A-DS9LS (B)	2-124	55	OG01		ED	2-42	77
OG01		A201	2-152	40	OG01		EG2540	2-8	65
OG01		A202	2-152	41	OG01		EG3960	2-8	34
OG01		A203	2-152	76	OG01		FCC-182	2-120	57
OG01		A301	2-152	29	OG01		FCC-183	2-44	71
OG01		A302	2-152	30	OG01		FCC-282	2-120	58
OG01		A303	2-152	57	OG01		FCC-283	2-44	72
OG01		A401	2-152	12	OG01		FCN774 (A)	2-122	3
OG01		A402	2-152	13	OG01		FCN774 (B)	2-46	22
OG01		A403	2-152	14	OG01		FCN775 (A)	2-46	25
OG01		A404	2-152	38	OG01		FCN775 (A)	2-122	4
OG01		B201	2-152	75	OG01		FCN775 (B)	2-46	23
OG01		B201U (A)	2-152	52	OG01		FCN775 (D)	2-46	26
OG01		B201U (B)	2-152	66	OG01		FCN777 (A)	2-122	5
OG01		B201U (C)	2-152	72	OG01		FCN777 (B)	2-46	24
OG01		B202U (A)	2-152	53	OG01		FCN777 (B)	2-46	27
OG01		B202U (B)	2-152	67	OG01		HDE-20	2-120	20
OG01		B203U (A)	2-152	54	OG01		HDM-20 (B)	2-126	13
OG01		B203U (B)	2-152	68	OG01		HI-027** (A)	2-120	10
OG01		B204U	2-152	69	OG01		HI-027** (B)	2-120	11
OG01		B210U	2-152	70	OG01		HI-027** (C)	2-126	9
OG01		B301	2-152	31	OG01		HS-027** (A)	2-44	28
OG01		B302	2-152	32	OG01		HS-027** (B)	2-44	29
OG01		B303	2-152	61	OG01		HS-027** (C)	2-50	36
OG01		B304	2-152	62	OG01		IDC-D (A)	2-124	20
OG01		B401	2-152	15	OG01		MINIATURE D (A)	2-122	28
OG01		B402	2-152	16	OG01		MINIATURE D (B)	2-122	29
OG01		B404	2-152	17	OG01		MINIATURE D (C)	2-126	59
OG01		B405	2-152	18	OG01		MINIATURE D (D)	2-126	60
OG01		B406 (A)	2-152	19	OG01		MINIATURE D (E)	2-46	52
OG01		B406 (B)	2-152	46	OG01		MINIATURE D (F)	2-46	53
OG01		B407	2-152	20	OG01		MINIATURE D (G)	2-50	84
OG01		B408	2-152	21	OG01		MINIATURE D (H)	2-50	85
OG01		B408U	2-152	63	OG01		SDEB-9P	2-122	21
OG01		B409U	2-152	47	OG01		SDEB-9S	2-46	44
OG01		B410	2-152	55	OG01		SM-9M	2-124	71
OG01		B411U	2-152	48	OG01		SM-9RF	2-50	15
OG01		B412U (A)	2-152	51	OG01		SM-9RPM	2-118	37
OG01		B412U (B)	2-152	28	OG01		SQ2200	2-8	66
OG01		B415U (A)	2-152	39	OG01		SQ2500	2-8	67
OG01		B415U (B)	2-152	64	OG01		SR2000	2-8	68
OG01		B419U	2-152	56	OG01		SURFACE-D	2-42	79
OG01		B420U	2-152	65	OG01		TE-9P (B)	2-124	19
OG01		B421U	2-152	73	OG01		TE-9S (B)	2-48	49
OG01		CDF15 (A)	2-42	16	OG01		TP8500F	2-50	4
OG01		CDF15 (B)	2-42	17	OG01		TP8500M	2-124	61
OG01		CDF25 (A)	2-42	52	OG01		103F	2-46	13
OG01		CDF25 (B)	2-42	53	OG01		103FLK	2-46	14
OG01		CDF37 (A)	2-44	30	OG01		11.29 (A)	2-118	5
OG01		CDF37 (B)	2-44	31	OG01		11.29 (B)	2-118	22
OG01		CDF50 (A)	2-50	37	OG01		11.29 (C)	2-118	63
OG01		CDF50 (B)	2-48	81	OG01		11.29 (D)	2-120	16
OG01		CDF9 (A)	2-42	1	OG01		11.29 (E)	2-126	12
OG01		CDF9 (B)	2-42	2	OG01		11.29 (F)	2-42	3
OG01		C401	2-152	22	OG01		11.29 (G)	2-42	18
OG01		C402	2-152	33	OG01		11.29 (H)	2-42	54
OG01		C403	2-152	42	OG01		11.29 (I)	2-44	32
OG01		C404	2-152	23	OG01		11.29 (J)	2-50	38
OG01		C405	2-152	34	OG01		11.41 (A)	2-42	4
OG01		C406	2-152	43	OG01		11.41 (B)	2-42	19
OG01		C407	2-152	24	OG01		11.41 (C)	2-42	55
OG01		C408	2-152	35	OG01		11.41 (D)	2-44	33
OG01		C409	2-152	44	OG01		11.42 (A)	2-42	5
OG01		DD-50P	2-124	58	OG01		11.42 (B)	2-42	20
OG01		DD-50S	2-50	1	OG01		11.42 (C)	2-42	56
OG01		DE-50P	2-128	37	OG01		11.42 (D)	2-44	34
OG01		DE-50S	2-52	65	OG01		11.53	2-42	80
OG01		DE-9P	2-120	59	OG01		11.54	2-42	81
OG01		DE-9P	2-124	17	OG01		11.63	2-42	82
OG01		DE-9S	2-48	46	OG01		11.64	2-42	83
OG01		DE-9S	2-44	79	OG01		11.87 (E)	2-42	6
OG01		DMR-L-15S	2-42	22	OG01		11.87 (F)	2-42	21
OG01		DMR-L-25S	2-44	3	OG01		11.87 (G)	2-42	69
OG01		DMR-L-37S	2-46	54	OG01		11.87 (H)	2-44	35
OG01		DMR-L-9S	2-42	7	OG01		119FS	2-42	85
OG01		DMR-15S	2-42	23	OG01		119MS	2-118	70
OG01		DMR-25S	2-44	4	OG01		206973(HDP-20)	2-50	40
OG01		DMR-37S	2-46	55	OG01		207084(HDP-20)	2-44	37
OG01		DMR-9S	2-42	8	OG01		207663(HDP-20)	2-120	22
OG01		DMS-15P	2-118	30	OG01		207667(HDP-20)	2-126	14
OG01		DMS-15S	2-42	24	OG01		207669(HDP-20)	2-50	41
OG01		DMS-25P	2-118	76	OG01		2510	2-14	32
OG01		DMS-25S	2-44	5	OG01		2524	2-14	39
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OG01		4321	2-158	2	OG01		901 (J)	2-114	8
OG01		553119	2-124	49	OG01		901 (K)	2-114	9
OG01		620-060	2-120	74	OG01	AAP13	117D (B)	2-44	20
OG01		621-060	2-46	7	OG01	AAP13	117D (C)	2-120	1
OG01		701-001	2-122	87	OG01	AAP13	117D (G)	2-50	28
OG01		701-002	2-122	88	OG01	AAP13	117D (H)	2-50	29
OG01		701-003	2-124	1	OG01	AAP13	117DF (B)	2-44	24
OG01		701-004	2-124	2	OG01	AAP13	117DF (C)	2-120	5
OG01		701-005	2-124	3	OG01	AAP13	117DF (G)	2-50	32
OG01		701-028	2-124	4	OG01	AAP13	117DF (H)	2-50	33
OG01		701-029	2-124	5	OG01	AAP14	17 SERIES (B)	2-44	26
OG01		701-030	2-124	6	OG01	AAP14	17 SERIES (C)	2-120	7
OG01		701-047	2-124	7	OG01	AAP14	17 SERIES (G)	2-50	34
OG01		703-001	2-48	28	OG01	AAP14	17 SERIES (H)	2-50	35
OG01		703-002	2-48	29	OG01	AAP15	117D (J)	2-44	22
OG01		703-003	2-48	30	OG01	AAP15	117D (K)	2-120	3
OG01		703-004	2-48	31	OG01	AAP15	117D (O)	2-50	30
OG01		703-005	2-48	32	OG01	AAP15	117D (P)	2-50	31
OG01		703-022	2-48	33	OG01	AAP16	117-D (A)	2-44	17
OG01		703-024	2-48	34	OG01	AAP16	117-D (B)	2-44	18
OG01		703-036	2-48	35	OG01	AAP16	117-D (C)	2-118	87
OG01		704-001	2-48	36	OG01	AAP16	117-D (G)	2-50	26
OG01		704-002	2-48	37	OG01	AAP16	117-D (H)	2-50	27
OG01		704-003	2-48	38	OG01	AAP18	617 (A)	2-120	9
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OG01		704-005	2-48	40	OG01	API01	SERIES 301 (A)	2-120	42
OG01		704-007	2-48	41	OG01	API01	SERIES 301 (B)	2-120	43
OG01		704-008	2-48	42	OG01	API01	SERIES 301 (C)	2-44	58
OG01		704-009	2-48	43	OG01	API01	SERIES 301 (D)	2-44	59
OG01		704-018	2-48	44	OG01	API02	SERIES 332 (A)	2-120	47
OG01		745112(HDP-20)	2-44	39	OG01	API02	SERIES 332 (B)	2-44	63
OG01		745131(HDP-20)	2-44	40	OG01	API03	SERIES 303 (A)	2-120	44
OG01		745330(HDP-20)	2-44	41	OG01	API03	SERIES 303 (B)	2-120	45
OG01		745335(HDP-20)	2-48	82	OG01	API03	SERIES 303 (C)	2-44	60
OG01		745338(HDP-20)	2-50	43	OG01	API03	SERIES 303 (D)	2-44	61
OG01		745438(HDP-20)	2-44	42	OG01	API03	SERIES 303 (E)	2-126	31
OG01		745781(HDP-20)	2-44	43	OG01	API03	SERIES 303 (F)	2-126	32
OG01		747275	2-120	27	OG01	API03	SERIES 303 (G)	2-50	58
OG01		841205(50 Series)	2-120	28	OG01	API03	SERIES 303 (H)	2-50	59
OG01		841209(50 Series)	2-126	17	OG01	API03	SERIES 331 (A)	2-120	46
OG01		841210(50 Series)	2-44	44	OG01	API03	SERIES 331 (B)	2-44	62
OG01		841214(50 Series)	2-50	44	OG01	API03	SERIES 331 (C)	2-126	33
OG01		841215(50 Series)	2-120	29	OG01	API03	SERIES 331 (D)	2-50	60
OG01		841219(50 Series)	2-126	18	OG01	APT08	928610	2-120	48
OG01		841220(50 Series)	2-44	45	OG01	APT08	928612	2-120	49
OG01		841224(50 Series)	2-50	45	OG01	APT08	928613	2-120	50
OG01		841260(60 Series)	2-120	30	OG01	APT08	928620	2-44	64
OG01		841264(60 Series)	2-126	19	OG01	APT08	928622	2-44	65
OG01		841265(60 Series)	2-44	46	OG01	APT08	928623	2-44	66
OG01		841269(60 Series)	2-50	46	OG01	APT08	928630	2-120	51
OG01		841270(60 Series)	2-120	31	OG01	APT08	928632	2-120	52
OG01		841274(60 Series)	2-126	20	OG01	APT08	928633	2-120	53
OG01		841275(60 Series)	2-44	47	OG01	APT08	928640	2-44	67
OG01		841279(60 Series)	2-50	47	OG01	APT08	928642	2-44	68
OG01		841315(70 Series)	2-120	32	OG01	APT08	928643	2-44	69
OG01		841319(70 Series)	2-126	21	OG01	APT08	928690	2-42	70
OG01		841320(70 Series)	2-44	48	OG01	APT08	928692	2-42	71
OG01		841324(70 Series)	2-50	48	OG01	APT08	928693	2-42	72
OG01		841325(70 Series)	2-120	33	OG01	APT08	928695	2-42	73
OG01		841329(70 Series)	2-126	22	OG01	APT08	928697	2-42	74
OG01		841330(70 Series)	2-44	49	OG01	APT08	928698	2-42	75
OG01		841334(70 Series)	2-50	49	OG01	ASLH13	ASDS	2-24	46
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OG01		842507(90 Series)	2-120	34	OG01	ASLH14	ASDSSR	2-24	48
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OG01		842512(90 Series)	2-120	35	OG01	ASLH15	ASDSL	2-24	47
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OG01		842542(100 Series)	2-120	36	OG01	CAN05	ORIGINAL D (A)	2-120	68
OG01		842546(100 Series)	2-126	25	OG01	CAN05	ORIGINAL D (B)	2-46	1
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OG01		842551(100 Series)	2-126	26	OG01	CAN05	ORIGINAL D (D)	2-50	69
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OG01		842562(100 Series)	2-44	53	OG01	CAN05	ORIGINAL D (G)	2-120	69
OG01		842566(100 Series)	2-50	53	OG01	CAN05	ORIGINAL D (H)	2-46	2
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OG01		859704(20 Series)	2-126	27	OG01	CAN06	BERGUND (B)	2-44	80
OG01		859705(20 Series)	2-44	54	OG01	CAN06	BERGUND (C)	2-126	34
OG01		859709(20 Series)	2-50	54	OG01	CAN06	BERGUND (D)	2-50	61
OG01		859710(20 Series)	2-120	39	OG01	CAN07	SPEEDY-D (A)	2-120	70
OG01		859714(20 Series)	2-126	28	OG01	CAN07	SPEEDY-D (B)	2-46	3
OG01		859715(20 Series)	2-44	55	OG01	CAN08	D*P (A)	2-120	64
OG01		859719(20 Series)	2-50	55	OG01	CAN08	D*P (B)	2-44	84
OG01		859735(30 Series)	2-120	40	OG01	CAN08	D*P (C)	2-126	38
OG01		859739(30 Series)	2-126	29	OG01	CAN08	D*P (D)	2-50	65
OG01		859744(30 Series)	2-50	56	OG01	CAN09	D*PF (A)	2-126	39
OG01		859745(30 Series)	2-120	41	OG01	CAN09	D*PF (B)	2-50	66
OG01		859749(30 Series)	2-126	30	OG01	CAN09	D*PF (C)	2-126	40
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0G01	CAN09	D*PF (G)	2-120	66	0G01	GEC01	G SERIES (B)	2-126	52
0G01	CAN09	D*PF (H)	2-44	86	0G01	GEC01	G SERIES (C)	2-46	28
0G01	CAN10	D*M (A)	2-120	62	0G01	GEC01	G SERIES (D)	2-50	77
0G01	CAN10	D*M (B)	2-44	82	0G01	GEC01	G SERIES (E)	2-122	10
0G01	CAN10	D*M (C)	2-120	63	0G01	GEC01	G SERIES (F)	2-126	53
0G01	CAN10	D*M (D)	2-44	83	0G01	GEC01	G SERIES (G)	2-46	29
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999R4	EMSB09	41-2 (B)	2-70	87	999R8		538-060	2-64	42
999R4	HRS17	PCN-C32F (A)	2-60	75	999R8		706-C143C/2 (G)	2-68	24
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999R4	HRS17	PCN-C32F (C)	2-60	77	999R8		706-C143C/2 (J)	2-66	72
999R4	HRS17	PCN-C32F (D)	2-60	78	999R8		706-C143C/2 (K)	2-68	25
999R4	HRS17	PCN-C32F (E)	2-60	79	999R8		706-C143C/2 (L)	2-68	1
999R4	HRS17	PCN-C32F (F)	2-60	80	999R8		706-C143C/2 (M)	2-66	73
999R4	HRS17	PCN-C32F (G)	2-60	81	999R8	DIN01	HC16F (A)	2-56	8
999R4	HRS17	PCN-C32F (H)	2-60	82	999R8	DIN01	HC16F (B)	2-58	31
999R4	HRS17	PCN-C32F (I)	2-60	83	999R8	DIN01	HC32F (A)	2-58	82
999R4	HRS17	PCN-C32F (J)	2-60	84	999R8	DIN01	HC32F (B)	2-58	83
999R4	HRS17	PCN-C32F (K)	2-60	85	999R8	DIN01	HC48F	2-68	51
999R4	HRS17	PCN-C32F (L)	2-60	86	999R8	HRS17	PCN-HALF C32F (A)	2-62	7
999R4	HRS17	PCN-C48F (A)	2-68	76	999R8	HRS17	PCN-HALF C32F (B)	2-62	8
999R4	HRS17	PCN-C48F (B)	2-68	77	999R8	HRS17	PCN-HALF C32F (C)	2-62	9
999R4	HRS17	PCN-C48F (C)	2-68	78	999R8	HRS17	PCN-HALF C32F (D)	2-62	10
999R4	HRS17	PCN-C48F (D)	2-68	79	999R8	HRS17	PCN-HALF C32F (E)	2-62	11
999R4	HRS17	PCN-C96F (A)	2-72	2	999R8	HRS17	PCN-HALF C32F (F)	2-62	12
999R4	HRS17	PCN-C96F (B)	2-72	3	999R8	HRS17	PCN-HALF C32F (G)	2-62	13
999R4	MRC05	50C16F (A)	2-56	10	999R8	HRS17	PCN-HALF C32F (H)	2-62	14
999R4	MRC05	50C16F (B)	2-56	11	999R8	HRS17	PCN-HALF C32F (I)	2-62	15
999R4	MRC05	50C16F (C)	2-56	12	999R8	HRS17	PCN-HALF C32F (J)	2-62	16
999R4	MRC05	50C32F (A)	2-56	75	999R8	HRS17	PCN-HALF C32F (K)	2-62	17
999R4	MRC05	50C32F (B)	2-56	76	999R8	HRS17	PCN-HALF C32F (L)	2-62	18
999R4	MRC05	50C32F (C)	2-56	77	999R8	HRS17	PCN-HALF C48F (A)	2-68	80
999R4	MRC05	50C32F (D)	2-62	21	999R8	HRS17	PCN-HALF C48F (B)	2-68	81
999R4	MRC05	50C32F (E)	2-62	22	999R8	HRS17	PCN-HALF C48F (C)	2-68	82
999R4	MRC05	50C32F (F)	2-62	23	999R8	HRS17	PCN-HALF C48F (D)	2-68	83
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999R4	MRC05	50C64F (C)	2-66	12	999R8	TXT05	C/2B32F (B)	2-62	59
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999R4	RNI03	RNEC32F (A)	2-62	33	999R8	TXT05	C/2032F (B)	2-62	61
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999R4	VKC16	Type C32F (C)	2-62	66					
999R4	VKC16	Type C64F (A)	2-66	55					
999R4	VKC16	Type C64F (B)	2-66	56					
999R4	VKC16	Type C96F	2-72	31					
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999R6		C64F (B)	2-66	27					
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D.A.T.A.BOOK[®] MANUFACTURERS' PROFILE

MANUFACTURERS' CODES & NAMES

D.A.T.A.
MFRS.
CODE

MANUFACTURER

AAP Allied Amphenol Products
ABEJ ★ All Best Electronics Co., Ltd.
ACP Amerace Corp., Control Products Div.
AEGC AEG Corp. - Intermas
AEI Armel Electronics, Inc.
AML Amlan Inc.
AMP AMP, Inc.
API ★ Alpha Products, Inc.
APT Apronics Corp.
ARD ★ Augat/Reed Devices, Inc.
ARO Aromat Corp.
ARS Aries Electronics, Inc.
ASLH A & Stevenson (Hong Kong) Ltd.
ASM (See ASMG)
ASMG Assmann Electronic GmbH
AUG Augat Interconnection Systems
AWC Alpha Wire Ltd.
BAL (See MEI)
BDY Burndy
BIS Bead Electronic
BLLE Belling Lee Limited
BUCC Bridge Union Corp.
BVE Bicc-Vero Electronics, Inc.
CAC Circuit Assembly Corp.
CAN Cannon/ITT (See ITT Cannon)
CBT ★ Conductive Rubber Technology
CCC Continental Connector Corp.
CCP Components Corp.
CKW ★ C.K. Wall Company, Inc.
CNT Connector Technology, Inc.
COMC Compar Connectors
COT Carrot Components Corp.
CTE Contact Electronics Inc.
CTF ★ CTF-Fabri-Tek Incorporated
CTL Comatel, Inc.
CWI CW Industries
DECC Dumond Enterprise Co., Ltd.
DEI Dale Electronics, Inc.
DUP Dupont Connector Systems/Bert Elect.
EBY EBY Company, A Pullman Company
EDAC EDAC, Inc.
EFB Elfab Corporation
ELO Elco Corp./Connector Div.
EMSB Electronic Modular Systems, Ltd.
ENT Entrelec, Div. of Cogenel
ERN Erni Components
EVT Electrovert, Inc.
FCA ★ Fujitsu Components of America
FCAJ Fujitsu, Ltd.
FERS Ferranti Industrial Electronics, Ltd.
GAR Garry Electronics
GCE GC Electronics
GEC ★ General Connector Corporation
HARE Harwin International Ltd.
HCD Hughes Aircraft Co. Connector Div.
HEC Holmberg Electronics Corp.

D.A.T.A.
MFRS.
CODE

MANUFACTURER

HPT Hypertronics
HRS (See HRSJ)
HRSJ Hirose Electric Co., Ltd.
HTC H & T Components Inc.
HTKJ Honda Tsushin Kogyo Co., Ltd.
JAWC Jaws Electronic Co., Ltd.
JHIC Ji-Haw Industrial Co., Ltd.
JOL Jolo Industries, Inc.
KAM (See KAMJ)
KAMJ Kel-Am Inc.
KIPE ★ Klippon Electrical, Ltd.
KREC King Royal Electric Inc.
LEOC Leoco Corp.
LIC Loranger International Corp.
LPIC Leader Precision Industrial Co., Ltd.
LUM Lumberg Inc.
MAG Bussman - Div. of Cooper Industries
MAS Masterite Industries, Inc.
MBC Middleburg Corp.
MEI Methode Electronics
MLX Molex
MMM 3M/Electronic Products Div.
MNE Min-E-Con
MRC Midland Ross Corp.
NEY NEY Electronics
NTS ★ Northern Technologies, Ltd.
PAN Panduit Corp.
PCK PCK Elastomers, Inc.
PST Positronic Industries
PTB Phoenix Terminal Blocks, Inc.
RNI Robinson Nugent, Inc.
RSCB R.S. Components Ltd.
SCB Scanbee Div. of Zero Corp.
SCEC Shyaro Chi Enterprise Co., Ltd.
SCF Schroff, Inc.
SHXC Shaxon International Ltd.
SMI Samtec, Inc.
SMK SMK Electronics
SOU Souriau, Inc.
SPA Shin-Etsu Polymer America Inc.
SPM Spectrum Control, Inc.
SUL (See SUH)
SUH Sullins Electronics Corp.
TBC Thomas & Betts Corp.
TKN Teledyne Kinetics
TPI Teka Products Inc.
TRWN TRW - Connector Div.
TXT Tex-Techs Inc.
UCI U.S. Components, Inc.
VER Vernitron Corp.
VKC Viking Connector Co.
WAG Wago Corp.
WCC Welcon Connector Company
WCH Winchester Elect./Litton Systems
WCO WECO Electrical Connectors, Inc.
WDM Weidmuller Terminations Inc.
YEI Yamaichi Electronics Inc.

★ New manufacturers added since last edition.

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LOGO****D.A.T.A. BOOKS**

A & STEVENSON (HONG KONG) LTD. - ASLH
 No. 51, 12/F, 1-15 Kwai Fung Crescent
 Kwai Chung, Hong Kong
 (0) 252911

PCB Connectors

AEG CORP.-INTERMAS - AEGC
 P.O. Box 3800
 Route 22 - Orr Drive
 Somerville, NJ 08876
 201/722-9800

AEG

PCB Connectors

ALL BEST ELECTRONICS CO., LTD. - ABEJ
 No. 84, Lane 43, Huacheng Road
 Hsinchuang
 Taipei Hsein, Taiwan
 Republic of China
 (02) 992-7800
 TELEX: 32433 ABECO

PCB Connectors,
Rack & Panel Connectors

ALLIED AMPHENOL PRODUCTS - AAP
 4300 Commerce Court
 Lisle, IL 60532
 312/983-3500

PCB Connectors,
Rack & Panel Connectors

ALPHA PRODUCTS, INC. - API
 5740 Corsa Ave. #104
 Westlake Village, CA 91362
 818/889-9304



PCB Connectors

ALPHA WIRE LTD. - AWC
 P.O. Box 711
 711 Lidgerwood Ave.
 Elizabeth, NJ 07207
 201/925-8000

PCB Connectors,
Rack & Panel Connectors

AMERACE CORP., CONTROL PRODUCTS DIV. - ACP
 1065 Floral Ave.
 Union, NJ 07083
 201/289-8200

PCB Connectors,
Rack & Panel Connectors

AMLAN INC. - AML
 97 Thornwood Rd.
 Stamford, CT 06903
 203/322-1913
 TELEX: 643647

PCB Connectors,
Rack & Panel Connectors

AMP, INC. - AMP
 Box 3608
 Harrisburg, PA 17105
 717/564-0100

PCB Connectors,
Rack & Panel Connectors

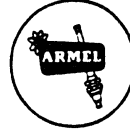
APTRONICS CORP. - APT
 9450 Pineneedle Drive
 P.O. Box 270
 Mentor, OH 44060
 216/354-9239

PCB Connectors

ARIES ELECTRONICS, INC. - ARS
P.O. Box 130
Frenchtown, NJ 08825
201/996-6841

PCB Connectors

ARMEL ELECTRONICS, INC. - AEI
1601 75th Street
North Bergen, NJ 07047
201/869-4300



PCB Connectors,
Rack & Panel Connectors

AROMAT CORP. - ARO
250 Sheffield Street
Mountainside, NJ 07092
201/232-4260



PCB Connectors

ASSMANN ELECTRONIC GmbH - ASMG
Nottebohmstraße 59
D5800 Ludenscheid
West Germany
(02351) 431-0
TELEX: 826857/826973



PCB Connectors,
Rack & Panel Connectors

AUGAT INTERCONNECTION SYSTEMS - AUG
P.O. Box 1037
40 Perry Ave.
Attleboro, MA 02703
617/222-2202



PCB Connectors

AUGAT/REED DEVICES, INC. - ARD
525 Randy Road
Carol Stream, IL 60188
312/682-4100



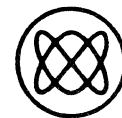
PCB Connectors,
Rack & Panel Connectors

BEAD ELECTRONIC - BIS
110 Mountain Grove Street
Bridgeport, CN 06605
203/334-4124



PCB Connectors

BELLING LEE LIMITED - BLLE
A Division of Cambridge Ele Indust Grp.
540 Great Cambridge Road
Enfield, Middlesex
England, EN1 3RY
TELEX: 263265



PCB Connectors,
Rack & Panel Connectors

BICC-VERO ELECTRONICS, INC. - BVE
A Division of BICC-VERO Electronics, Ltd. - England
40 Lindeman Drive
Trumbull, CT 06611
203/372-0038



PCB Connectors,
Rack & Panel Connectors

BRIDGE UNION CORP. - BUCC
P.O. Box 12-16 Hsin Tien
No. 21, PAO Hsing Rd. Hsin-Tien
Taipei, Taiwan, Republic of China
TELEX: 32258



PCB Connectors

MANUFACTURER - D.A.T.A. CODE**MFR'S
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BURNDY - BDY
Richards Ave.
Norwalk, CT 06856
203/838-4444



PCB Connectors,
Rack & Panel Connectors

BUSSMAN - DIV. OF COOPER INDUSTRIES - MAG
P.O. Box 14460
St. Louis, MI 63178
314/394-2877
TELEX: 44-841

PCB Connectors

CARROT COMPONENTS CORP. - COT
750 W. Ventura Blvd.
Camarillo, CA 93010
805/484-0540

PCB Connectors,
Rack & Panel Connectors

CIRCUIT ASSEMBLY CORP. - CAC
18 Thomas Street
Irvine, CA 92718
714/855-7887



PCB Connectors,
Rack & Panel Connectors

C.K. WALL COMPANY, INC. - CKW
80 Pompton Avenue
Verona, NJ 07044
201/239-9240



PCB Connectors

COMATEL, INC. - CTL
87 Sand Pit Rd.
Danbury, CT 06810
203/797-9445



PCB Connectors

COMPAR CONNECTORS - COMC
85 Spy Court
Markham, Ontario
Canada L3R 4Z4
416/475-8500



PCB Connectors,
Rack & Panel Connectors

COMPONENTS CORP. - CCP
Denville, NJ 07834
201/627-0290



PCB Connectors

CONDUCTIVE RUBBER TECHNOLOGY - CBT
121 Gray Avenue
Santa Barbara, CA 93101
805/965-6511
TELEX: 658305



PCB Connectors

CONNECTOR TECHNOLOGY, INC. - CNT
2850 Via Martens
Anaheim, CA 92806
714/632-9080



PCB Connectors

MANUFACTURER - D.A.T.A. CODE**MFR'S LOGO****D.A.T.A. BOOKS****CONTACT ELECTRONICS INC. - CTE**

30 Plymouth Street
Fairfield, NJ 07006
201/575-7660
TELEX: 130216



PCB Connectors

CONTINENTAL CONNECTOR CORP. - CCC

34-63 56th Street
P.O. Box 879
Woodside, NY 11377
718/899-4422

PCB Connectors,
Rack & Panel Connectors**CTF FABRI-TEK INCORPORATED - CTF**

6900 Shady Oak Road
Eden Prairie, MN 55344
612/941-9100
TELEX: 910-576-2913

C.T.S.-Fabri-Tek.

PCB Connectors

CW INDUSTRIES - CWI

130 James Way
Southampton, PA 18966
215/355-7080

PCB Connectors

DALE ELECTRONICS, INC. - DEI

1155 West 23rd Street
Tempe, AZ 85282
602/967-7874

PCB Connectors,
Rack & Panel Connectors**DUMOND ENTERPRISE CO., LTD. - DECC**

P.O. Box 87-228
Taipei, Taiwan
Republic of China
(02) 7635421
TELEX: 19755

PCB Connectors,
Rack & Panel Connectors**DUPONT CONNECTOR SYSTEMS/BERT ELECT. - DUP**

30 Hunter Lane
Camp Hill, PA 17011
717/975-2457



PCB Connectors

EBY COMPANY - EBY

A Pullman-Peabody Company
2751 Southampton Rd.
Philadelphia, PA 19154
215/969-4200

PCB Connectors,
Rack & Panel Connectors**EDAC, INC. - EDAC**

20 Railside Rd.
Don Mills, Ontario
Canada M3A 1A4
416/445-2292

PCB Connectors,
Rack & Panel Connectors**ELCO CORP./CONNECTOR DIV. - ELO**

Huntingdon Industrial Park
Huntingdon, PA 16652
814/643-0700

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Rack & Panel Connectors

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Bray House, Martin Rd.
Cordwallis Industrial Estate
Maidenhead, Berks.
England, SL67DE
TELEX: 846369

PCB Connectors

ELECTROVERT, INC. – EVT

466 Main Street
New Rochelle, NY 10801
914/633-0222

PCB Connectors,
Rack & Panel Connectors**ELFAB CORPORATION – EFB**

1097 Yates
Lewisville, TX 75067
214/221-8776



PCB Connectors

ENTRELEC, DIV. OF COGENEL – ENT

Two Ram Ridge Road
Spring Valley, NY 10977
800/431-2308

PCB Connectors,
Rack & Panel Connectors**ERNI COMPONENTS – ERN**

520 Southlake Blvd.
Richmond, VA 23236
804/379-2109



PCB Connectors

FERRANTI INDUSTRIAL ELECTRONICS, LTD. – FERS

Dunsinane Ave.
Dundee, Scotland DD2 3PN
TELEX: 76166



PCB Connectors

FUJITSU LIMITED – FCAJ

Furukawa Sogo Bldg.
6-1, Marunouchi 2-chome
Chiyoda-ku, Tokyo
Japan 100



PCB Connectors

FUJITSU COMPONENTS OF AMERICA – FCA

3320 Scott Blvd.
Santa Clara, CA 95054
408/727-1700

PCB Connectors,
Rack & Panel Connectors**GARRY ELECTRONICS – GAR**

P.O. Box 172
Langhorne, PA 19047
215/949-2300



PCB Connectors

GC ELECTRONICS – GCE

P.O. Box 1209
Rockford, IL 61105
815/968-9661
TELEX: 383956



PCB Connectors

GENERAL CONNECTOR CORPORATION - GEC

A Subsidiary of the Union Corporation
80 Bridge Street
Newton, MA 021158-1101
617/969-0920



PCB Connectors

H & T COMPONENTS INC. - HTC

35 Carlough Rd.
Bohemia, NY 11716
516/567-2282

PCB Connectors,
Rack & Panel Connectors

HARWIN INTERNATIONAL LTD. - HARE

Fitzherbert Road, Farlington
Portsmouth, Hants
England, PO6 1RT
TELEX: 86125



PCB Connectors

HIROSE ELECTRIC CO., LTD. - HRSJ

5-23, Osaki 5-chome, Shinagawa-ku
Tokyo 141, Japan
TELEX: J2468237



PCB Connectors,
Rack & Panel Connectors

HOLMBERG ELECTRONICS CORP. - HEC

Asheville Highway
Inman, SC 29349
804/794-2877



PCB Connectors,
Rack & Panel Connectors

HONDA TSUSHIN KOGYO CO., LTD. - HTKJ

18-12, Megurohoncho 6-chome
Meguro-ku, Tokyo, Japan
TELEX: 2466785



PCB Connectors,
Rack & Panel Connectors

HUGHES AIRCRAFT CO. CONNECTOR DIV. - HCD

17150 Von Karman Ave.
Irvine, CA 92713
714/660-5701

PCB Connectors,
Rack & Panel Connectors

HYPERTRONICS - HPT

16 Brent Drive
Hudson, MA 01749
800/225-9228
TELEX: 951152



PCB Connectors,
Rack & Panel Connectors

ITT CANNON - CAN

P.O. Box 929
666 East Dyer Rd.
Santa Ana, CA 92702
714/557-4700



PCB Connectors

JAWS ELECTRONIC CO., LTD. - JAWC

P.O. Box 83-53
Taipei, Taiwan
Republic of China
TELEX: 36992



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Rack & Panel Connectors

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JI-HAW INDUSTRIAL CO., LTD. - JHIC
 2 Fl. No. 156, Sec 3, Muh Shin Rd.
 Mucha, Taipei, Taiwan
 Republic of China
 TELEX: 19349

PCB Connectors

JOLO INDUSTRIES, INC. - JOL
 13921 Nautilus Dr.
 Garden Grove, CA 92643
 714/554-6840

PCB Connectors,
Rack & Panel Connectors

KEL-AM INC. - KAMJ
 7-4 Nishigotanda 7 chome,
 Shinagawa-ku
 Tokyo, Japan 141

PCB Connectors,
Rack & Panel Connectors

KING ROYAL ELECTRIC INC. - KREC
 1st Fl., 10, Alley 2, Lane 421
 Kuang Fu Rd.
 Taipei, Taiwan
 Republic of China
 TELEX: 13606

PCB Connectors,
Rack & Panel Connectors

KLIPPON ELECTRICALS, LTD. - KIPE

A Division of Weidmuller
 Power Station Road
 Sheerness, Kent
 England ME12 3AB
 0795-663322
 TELEX: 96176

Klippon

PCB Connectors

LEADER PRECISION INDUSTRIAL CO., LTD. - LPIC

17, Alley 25, Lane 38, Kwang Fu Rd.
 San Chung City, Taipei, Taiwan
 Republic of China
 TELEX: 32579

PCB Connectors

LEOCO CORP. - LEOC

7, Swang Fong Rd.
 Shin-Chung City
 Taipei, Taiwan
 Republic of China
 TELEX: 34288

PCB Connectors,
Rack & Panel Connectors

LORANGER INTERNATIONAL CORP. - LIC

817 Fourth Ave.
 Warren, PA 16365
 814/723-2250
 TELEX: 914542



PCB Connectors

LUMBERG INC. - LUM

420 Southlake Blvd.
 Richmond, VA 23236
 804/379-2010
 TELEX: 901037



PCB Connectors

MANUFACTURER - D.A.T.A. CODE**MFR'S
LOGO****D.A.T.A. BOOKS**

3M/ELECTRONIC PRODUCTS DIV. - MMM
 Bldg. 502, P.O. Box 2963
 Austin, TX 78769
 800/328-7732



PCB Connectors

MASTERITE INDUSTRIES, INC. - MAS
 2841 Lomita Blvd.
 Torrance, CA 90505
 213/534-0962



PCB Connectors

METHODE ELECTRONICS - MEI
 7444 West Wilson Avenue
 Chicago, IL 60656
 312/867-9600



PCB Connectors

MIDDLEBURG CORP. - MBC
 95 Albany Turnpike
 Canton, CT 06019
 213/693-8361



PCB Connectors,
 Rack & Panel Connectors

MIDLAND ROSS CORP. - MRC
 One Alewife Pl.
 Cambridge, MA 02140
 617/491-5400



PCB Connectors

MIN-E-CON - MNE
 1791 Reynolds Ave.
 Irvine, CA 92714
 714/250-0474



PCB Connectors,
 Rack & Panel Connectors

MOLEX - MLX
 2222 Wellington Court
 Lisle, IL 60532
 312/969-4550



PCB Connectors,
 Rack & Panel Connectors

NEY ELECTRONICS - NEY
 Ney Industrial Park
 Bloomfield, CT 06002
 203/242-2281



PCB Connectors

NORTHERN TECHNOLOGIES, LTD. - NTS
 A Subsidiary of Lanpar Technologies, Inc.
 85 Torbay Road
 Markham, Ontario
 Canada
 416/475-9123
 800/387-4205



PCB Connectors,
 Rack & Panel Connectors

PANDUIT CORP. - PAN
 1730 Ridgeland Ave.
 Tinley Park, IL 60477
 312/532-1800
 TELEX: 25-4560



PCB Connectors,
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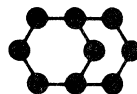
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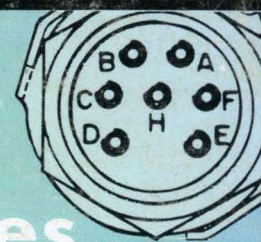
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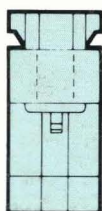
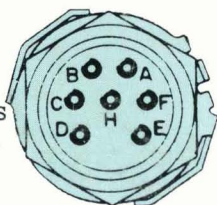
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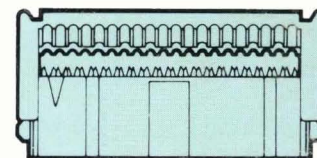
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