

SOCKETS – COMPONENT SOCKETS • MEMORY CARD CONNECTORS

2.54MM TRANSISTOR SOCKETS

Just Added



- Voltage Rating: 250 V
- Current Rating: 4 A
- Contact Resistance: 20 mΩ max.

- Dielectrica Withstanding Voltage: 1500 VAC
- Insulation Resistance: 50,000 MΩ min.

Housing material: PA polyamide (nylon). Contact material: Brass. Contact plating: Tin. Staggered row style.

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-24	25-49
● 09-48-3031	3	25H8560	0.99	0.90

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COMPACTFLASH™ CARD EJECTOR HEADERS

Just Added



7E50-B716



7E50-B516

- Mounts to 3M™ CompactFlash™ Type II, long guide, surface mount headers
- Modular "snap-on" design and multiple button types for design flexibility
- Can be used with either top or bottom mount (standard or inverse polarization) headers
- Meets CompactFlash™ Association (CFA) standards for known compatibility and reliability

Mfg. Part No.	Features	Stock No.	Price Each	
			1-24	1-24
● 7E50-B716-05	Latching ejector w/Folding Latch	30M9588	3.36	
● 7E50-B516-05	Dual push ejector	33M8171	2.66	
● N7E50-N516TC-40-WFA	Pre-assembled Header w/Attached Eject	33M8170	9.02	

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0.50" x 0.50" COMPACT FLASH CARD HEADERS

- Accepts Type I card thickness
- Current Rating: 0.5 A
- Single row solder tails
- 50 contacts
- 0.635mm pitch spacing
- Ejector option for easy removal of CF card from right angle header
- Meets CFA standards



Compact Flash Card headers have a board component clearance of 1.64 mm standoff. Low profile card headers have 4.0 mm height with 0.0 mm standoff board component clearance. Temperature range: -55°C to +85°C.

COMPACT FLASH CARD HEADERS

Mfg. Part No.	Plating	Compact Flash Card Polarization	Stock No.	Price Each
				1-9
N7E50-7516VU-20	Gold Over Nickel	Normal	29C9020	6.24
N7E50-A516VU-20	Gold Over Nickel	Inverse	83H2612	5.93

COMPACT FLASH CARD LOW PROFILE HEADERS*

Mfg. Part No.	Plating	Compact Flash Card Polarization	Stock No.	Price Each
				1-9
N7E50-A516VY-30	Gold Over Nickel	Inverse, with Solder Tab, Ejector Acceptable	09J7125	5.93
N7E50-E516VY-30	Gold Over Nickel	Normal, with Solder Tab, Ejector Acceptable	81H7534	5.93

* Not pictured.

RIGHT BUTTON EJECTORS

Mfg. Part No.	For Use With	Stock No.	Price Each
			1-9
● D7E50-7316-03	Compact Flash Card Headers	09J7119	3.02
● D7E50-8316-03	Compact Flash Card Low Profile Headers	81H7154	3.58

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COMPACTFLASH™ CARD HEADER



- Compatible with both CompactFlash Type I and Type II cards
- Meets CFA standards
- Polarization options for top or bottom boardmount
- Extended guide rails enable accurate and easy card insertion
- Guide rail ESD clip contacts board ground pads
- Optional 2mm board standoff enables board population
- Single row solder tails with 0.635mm spacing
- 30µin gold plating



31.60mm HEADER—ACCEPTS EJECTOR

Mfg. Part No.	Style	Standoff	Stock No.	Price Each
				1-24
● N7E50-M516RB-40-WF	Standard	None	93K6316	4.00
● N7E50-M516RB-50-WF	Standard	2mm	93K6317	4.00
● N7E50-N516RB-40-WF	Inverse	None	93K6318	4.00
● N7E50-N516RB-50-WF	Inverse	2mm	93K6319	3.80

18.70mm HEADER—EJECTOR NOT ACCEPTED

Mfg. Part No.	Style	Standoff	Stock No.	Price Each
				1-24
● N7E50-Q516RB-50-WF	Standard	2mm	93K6320	3.90
● N7E50-R516RB-50-WF	Inverse	2mm	93K6321	3.90

EJECTOR

*CompactFlash is a trademark of SanDisk Corp

Mfg. Part No.	Description	Stock No.	Price Each
			1-24
● 7E50-B316-04	Right-angle ejector	21K3610	0.62

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COMPACT FLASH CARD CONNECTORS



- Meets CompactFlash Association Specifications
- Proven PCMCIA contact technology
- Accepts hardware for mechanical mounting
- 50-position Card Connector



CompactFlash headers can accept Type I and/or Type II card thickness. Available in both vertical or right angle mount, and flush or raised mounting heights.

VERTICAL, DOUBLE ROW, 0.050" CENTERLINES

Mfg. Part No.	Plating	Mounting Type	Height	Card Types	Stock No.	Price Each	
						1-9	10-24
● 5120615-1	Gold	PCB Right Angle Surface Mount	5.2	I only	42K7003	5.40	5.10
● 1734448-1*	Gold	PCB Straight Surface Mount	6.3	I and II	73K1616	5.52	5.22
● 1734449-1*	Gold	PCB Straight Surface Mount	6.3	I and II	73K1617	7.05	6.66
● 1734450-1*	Gold	PCB Straight Surface Mount	8.5	I and II	16M2769	6.38	6.02
● 1734451-1	Gold	PCB Straight Surface Mount	4.0	I and II	73K1618	6.10	5.76
● 1734471-1	Gold	PCB Straight Surface Mount	4.0	I only	73K1620	5.19	4.90
● 5788667-1	Gold	PCB Right Angle Surface Mount	5.2	I and II	42K7587	5.40	5.10
● 5788643-1	Gold	PCB Straight Surface Mount	14	I and II	53K0566	5.92	5.59
● 146839-3	Gold	PCB Straight Surface Mount	14	I only	16M2716	7.78	7.35

* Accepts snap-on ejector below.

CARD EJECTORS

Facilitate insertion and extraction of PC cards from card holders tagged with asterisk in table above.

Mfg. Part No.	Ejector Length (mm)	Stock No.	Price Each	
			1-9	10-24
● 1734452-2	20	73K1619	1.62	1.53
1470105-3	22.05	11H5764	2.14	2.02

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0.50" (1.27mm) PITCH COMPACT FLASH CARD CONNECTORS



Right-angle, SMT top-mounting Compact Flash card headers feature black glass-filled LCP, UL94V-0 and phosphor-bronze contacts with gold over palladium nickel-plating in the contact area. Tin/lead solder tail areas, nickel underplating. Phosphor bronze, tin/lead over copper-plating solder tabs. Voltage: 100V. Current: 0.5A. Contact resistance: 40mΩ maximum. Dielectric withstanding voltage: 500VAC/ 1 min. Insulation resistance: 1000MΩ minimum. 55244 has high-temperature housing suitable for reflow soldering, in-line SMT tails that protect against damage during assembly. For type I and type II cards. Designed for use with 55246 ejector. 55246 Compact Flash card ejector has left-side flip button. For use with 55244 card header. 67155 has low profile. .169" (4.3mm) height. Designed for use with 67114-0001. 53856 has 1.64mm standoff height, dual-row .050" (1.27mm) pitch at card interface and .025" (0.635mm) pitch in-line SMT tails. For use with type I cards. 67130 accepts any PCMCIA type I, II and III cards and any type I or II cards with ejector mechanism.

FOR TYPE I AND TYPE II CARDS

Mfg. Part No.	Description	Stock No.	Price Each
			1-9
● 55244-5029	Right-Angle, SMT Reverse-Mounting Header	59J0845	14.73
● 67155-0002	Low Profile, Right Angle SMT Compact Flash Card Header	28M9466	14.56
55358-5029	Compact Flash card header, right-angle, SMT top mounting	25M4704	16.84

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MEMORY CARD CONNECTORS • CARD EDGE CONNECTORS

0.50" (1.27mm) PITCH COMPACT FLASH CARD CONNECTORS (CONT.)

Mfg. Part No.	Description	Stock No.	Price Each
● 55359-5078	Compact Flash card header, right angle, SMT bottom mounting	59J0860	7.19
● 55356-0011	Compact Flash card ejector, left-side flip button	25M4703	9.66
● 55364-0011	Compact Flash card ejector, left-side button, push-push type	57H6454	9.91
● 55365-0011	Compact Flash card ejector, right-side button, push-push type	25M4707	29.28
FOR TYPE I CARDS			
● 55359-5078	Right-Angle, SMT Reverse-Mounting Header	59J0860	7.19
● 53856-5070	Right-Angle, SMT Top-Mounting Header	59J0627	10.35
● 55021-0001	Right-Side Button Ejector	54H1006	7.11
● 55022-0001	Left-Side Button Ejector	54H1007	7.90
● 67130-0002	Single Slot, Flush Profile Top Mount Right Angle, SMT PC Card Header	95H7470	16.77

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.098" (2.50mm) MULTIMEDIACARD CONNECTOR



Right-angle, SMT top-mounting card header meets MultiMediaCard industry standard, features black glass-filled LCP, UL 94V-0 and phosphor-bronze contacts with gold over nickel-plating in the contact area. Voltage: 3.3 V. Current: 0.5 A. Contact resistance: 50 mΩ maximum.

Mfg. Part No.	Description	Stock No.	Price Each
● 94352-5007	Right-Angle, SMT MultiMediaCard Header	84K7559	2.33

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MICROSD™ CARD 2900 SERIES CONNECTORS



Just Added



- 1.85mm low profile height
- Small size of 14.0 mm x 14.2 mm footprint
- Smooth push-push eject mechanism
- Card is retained when mated
- Card polarization
- Will accept a card thickness of 0.8 mm
- Mechanism prevents card from flying out upon ejection
- Card detection indicator
- Metal-shielded cover
- microSD™ specification compliant

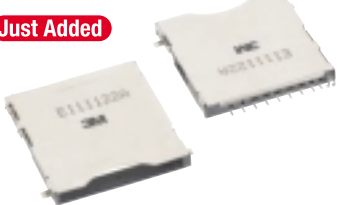
Mfg. Part No.	Circuits	Stock No.	Price Each
● 2908-05WB-MG	8	28M0115	1.15

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Card Connector SD™



Just Added



- Compatibility with both SD™ Card and MultiMediaCard (MMC) formats, meets SD™ Association standards for known compatibility and reliability
- Low profile, light-weight and small size
- Internal mechanical restraint for added assurance of card retention
- Durability: 10,000 cycles
- Smooth push-push eject mechanism
- Write-protect switch indicator
- Card polarization
- Card detection indicator
- Metal shield cover

Mfg. Part No.	Description	Stock No.	Price Each
● SD-SMT-2-MQ-WF	SD Push Type, 10µ" Gold, SMT	37M1358	1.32

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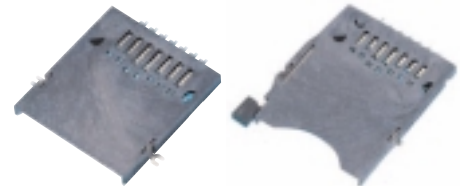
SD MEMORY CARD CONNECTORS



Just Added



- Voltage rating: 100VAC
- Current rating: 0.5A
- Operating temperature: -25°C to 90°C
- Mating force: 40N
- Un-mating force: 2N



SD memory cards stores digital files without requiring a computer. Three different connector configuration sizes including: Standard, mini, and micro, available with push/push and push/pull mating.

Mfg. Part No.	Operating Function	Mounting	Polarizing Post Length (mm)	Packaging	Stock No.	Price Each
● 1734234-1	Push-On/Pull-Off	Top PC Board	.85	Tray	39M4078	3.45 2.35
● 1734472-1	Push-On/Push-Off	Top PC Board	.70	Tray	39M4079	4.43 3.01

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SECURE DIGITAL CARD CONNECTOR

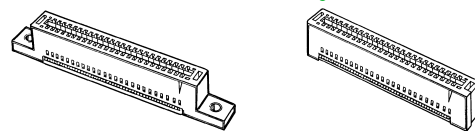


Right-angle, 2.50 mm (.098") SMT SD memory card headers have push-push ejection, features black glass-filled LCP, UL 94V-0 and copper alloy contacts with selective gold plating. Voltage: 100 VAC. Current: 0.5 A.

Mfg. Part No.	Description	Stock No.	Price Each
● 500998-0900	Right-Angle, SD memory card connector, top mount	73K4169	3.18

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0.100" CARD EDGE CONNECTORS



- Bifurcated Copper Alloy Contacts for Reliable PC Board Contact
- 30µ" Gold Plating
- Accommodate 26 AWG and 28 AWG Solid and Stranded Cable
- Reliable Metal Cover Clips

Available with or without flanges. UL recognized, CSA certified. Order strain reliefs separately below.

WITH DRILLED MOUNTING FLANGES

Mfg. Part No.	Contacts	Stock No.	Price Each
● 3358-0000	10	46F4755	5.10
● 3461-0000	20	46F4757	6.64
● 3462-0000	26	46F4758	8.05
● 3464-0000	40	46F4760	9.41
● 3415-0000	50	46F4761	11.67
● 3666-0000	60	46F4762	13.48
● 3403-0000	64	46F4763	13.13

WITHOUT MOUNTING FLANGES

● 3358-0001	10	46F4764	5.10
● 3368-0001	16	46F4765	6.26
● 3461-0001	20	46F4766	6.64
● 3462-0001	26	46F4767	8.05
● 3463-0001	34	46F4768	8.57
● 3464-0001	40	46F4769	9.41
● 3415-0001	50	46F4770	11.67
● 3403-0001	64	46F4772	13.13

➤ CONTINUED ➤

CARD EDGE CONNECTORS

0.100" CARD EDGE CONNECTORS (CONT.)

WITH SLOTTED MOUNTING FLANGES

Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-9	10-24
● 3461-0002	20	46F4775	6.64	
● 3462-0002	26	46F4776	8.05	
● 3464-0002	40	46F4778	9.41	
● 3415-0002	50	46F4779	11.67	
● 3666-0002	60	46F4780	13.48	

STRAIN RELIEFS

● 3448-52	10	87F3981	1.83	
● 3448-54	20	87F3983	1.83	
● 3448-55	26	87F3984	1.71	
● 3448-56	34	87F3985	1.46	
● 3448-57	40	87F3986	1.71	
● 3448-58	50	87F3987	1.83	

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0.050" SERIES PCI STANDARD CARD EDGE CONNECTORS



- Standard Edge PCI Bus Card Connectors
- 60 Dual Positions with 2 Plastic Pylons
- 32 Bit, 3.3/5V Signaling
- High-Density 0.050" (1.27) Centerline Contact Spacing
- Current Rating: 1A Max.
- Voltage Rating: 203VAC



Offer easy mating of high circuit count daughter boards. Polarizing web for positive board-to-connector registration. White high-temperature thermoplastic housing. Nickel-plated phosphor-bronze contacts with gold over nickel in contact area, and tin-lead over nickel on solder tails.

Mfg. Part No.	Positions	Post Length	Stock No.	Price Each	
				1-9	10-24
● 5145154-4	120	0.100"	42K7017	3.31	3.13
● 5145154-8	120	0.125"	42K7018	3.31	3.13
● 1-5145154-2	120	0.140"	73K1604	2.29	2.16
● 5145246-1	184	0.180"	73K1632	5.65	5.33
● 5145165-8	184	0.125"	73K1631	5.16	4.87
● 5145098-1	120	0.180"	45K1109	5.46	5.16

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PCI EXPRESS CARD EDGE CONNECTORS



- RoHS Compliant
- Complies with PCI SIG Specification
- Accommodates Gigabit and 10 Gigabit Ethernet
- Bandwidth Ranges from 500Mbps/second to 64Gbps/second
- 1.00 mm Centerline



Mfg. Part No.	Contacts	Gold Contact Plating (µ")	Stock No.	Price Each	
				1-9	10-24
● 1612163-1	36	5	49H8484	0.99	0.94
● 1-1612163-2	64	5	97H1688	2.75	2.60
● 1-1612163-3	98	5	96H9133	4.01	3.79
● 3-1612163-1	36	15	61J3609	2.63	2.48
● 3-1612163-3	98	15	45J3533	4.92	4.65
● 3-1612163-4	164	15	45J3531	6.51	6.15

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ELCON STANDARD EDGE II CARD EDGE & POWER CONNECTORS



Just Added

- Body material: polyester
- Contact material: copper alloy
- Contact plating: nickel over tin
- Pitch spacing: 2.54mm
- Tail length: 3.18mm



Mfg. Part No.	No. of Positions		Stock No.	Price Each
	Signal	Power		
● 1761500-1	10	3	43M0210	6.04
● 1761879-1	11	4	43M0211	6.16

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CROWN EDGE MODULAR CARD EDGE POWER CONNECTORS



Just Added



- Crown material: Beryllium copper
- Crown plating: Gold over Nickel
- Power contact material: Copper alloy
- Power contact plating: Select gold
- Signal contact material: Phosphor bronze alloy
- Signal contact plating: Select gold
- PCB thickness: 3.18mm

POWER/SIGNAL CONNECTORS

Mfg. Part No.	No. of Contacts	Module Length (mm)	Stock No.	Price Each
● 6643460-3	8 Single 2 Power	26.8	43M0229	9.72

POWER CONNECTORS

● 6650384-2	6	39.7	43M0230	7.79
● 6651331-1	4	26.8	43M0232	5.72

SIGNAL CONNECTORS

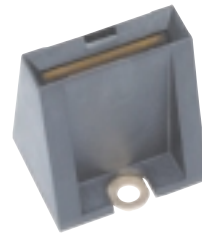
● 6650534-1	16	26.8	43M0231	6.63
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CROWN CLIP SOCKETS



- Insulator material: Polyester UL94V-0
- Contact material: Beryllium copper
- Contact plating: Gold (30)



Just Added

DUAL CROWN CLIP SOCKETS

Mfg. Part No.	No. of Poles	Current Rating (A)	Mounting Type	Stock No.	Price Each
● 1643902-1	2	350	Thru-Hole	30M2427	11.14
● 1643903-1	2	300	Float	43M0209	8.92

SINGLE CROWN CLIP SOCKET

● 1643906-1	1	300	Float	28K1822	12.10
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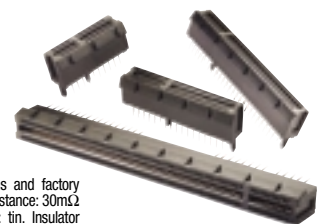
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6325 PCI EXPRESS CARD EDGE CONNECTORS

Just Added



- Tails are offset to form 4 rows on a 2.00mm pitch
- Connectors come with locating bosses to help align the connector to a motherboard
- Raised ridge at the top side of the connector, which can be used to lock/retain the graphic card
- Molded polarization key prevents improper insertion of the PC board
- Connectors have slots to accept "add in" cards with a thickness of 1.58mm (0.062")
- Conform to PCI Express specification on connectors



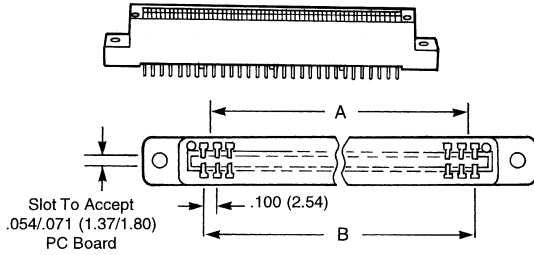
Applications include desktop PCs, servers, work stations and factory automation systems. Current rating: 1.1A max. Contact resistance: 30mΩ max. Contact material: phosphor bronze. Contact finish: tin. Insulator material: 30% glass filled nylon. Insulation resistance: 100MΩ 50, 50VAC.

Mfg. Part No.	No. of Contacts	Tail Length (mm)	Stock No.	Price Each		
				1-9	10-99	100-249
● 206325036001006	36	2.30	36K7025	1.03	0.94	0.88
● 206325036002006	36	3.00	36K7026	1.03	0.94	0.88
● 206325064001006	64	2.30	36K7027	1.33	1.21	1.14
● 206325064002006	64	3.00	36K7028	1.33	1.21	1.14
● 206325098001006	98	2.30	36K7029	1.67	1.51	1.42
● 206325098002006	98	3.00	36K7030	1.67	1.51	1.42
● 206325164001006	164	2.30	36K7031	2.69	2.44	2.30
● 206325164002006	164	3.00	36K7032	2.69	2.44	2.30
● 206325164002016*	164	3.00	36K7033	2.69	2.44	2.30

* With latch (89325)

CARD EDGE CONNECTORS

CARDCON™ 0.100" (2.54) DENSITY COMMERCIAL DIP SOLDER CARD EDGE CONNECTORS



DIP solder tails on 0.200" (5.08) row centers double readout. Accepts 0.062" (1.59) thick PC boards. Available less mounting ears or with 0.128" (3.25) mounting holes. Withstanding voltage: 650VACrms. Current rating: 3A. Contact resistance: 10 milliohms maximum. Insulation resistance: 5000 megohms minimum. Insulation material: UL94V-0 rated glass-filled polyester, black. UL recognized file E19071. Standard plating: 10µ" gold over nickel, 50µ" nickel in contact area, tin on tails. Other sizes available; go online or call.

LESS MOUNTING EARS

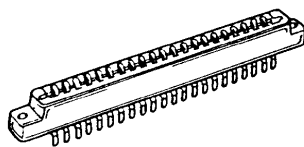
Mfg. Part No.	Positions/Contacts	Stock No.	Price Each	
			1-24	25-49
50-22SN-12	22/44	44F4816	2.54	2.30
50-25SN-12	25/50	44F4817	2.96	2.69
50-31SN-12	31/62	44F4820	3.33	3.01

0.128" (3.25) MOUNTING HOLES

Mfg. Part No.	Positions/Contacts	Stock No.	1-24	25-49
50-25SN-11	25/50	44F4836	2.77	2.51

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CARDCON™ 0.156" (3.96) DENSITY COMMERCIAL SOLDER CARD EDGE CONNECTORS



Available with single readout 0.156" (3.96) long DIP solder tail; double readout .156" (3.96) long DIP solder tail with 0.200" (5.08) row spacing; single readout solder eyelet; and double readout solder eyelet with 0.200" (5.08) row spacing. Bifurcated semi-bellows type contacts constructed of spring brass-plated with gold over nickel. UL94V-0 rated glass-filled polyester insulation material. Rated 5A. Withstanding voltage: 1800VACrms. Operating temperature: -65°C to +105°C. Accepts single or double sided 0.062" (1.57) thick PCBs. UL recognized File # E19071.

SOLDER EYELET, DOUBLE READOUT, 0.200" ROW SPACING, WITH 0.128" MOUNTING HOLE

Mfg. Part No.	Positions/Contacts	Stock No.	Price Each
50-44SN-9	22/44	81F1044	5.59

DIP SOLDER TAILS, SINGLE READOUT, 0.156" LONG, WITH 0.128" MOUNTING HOLE

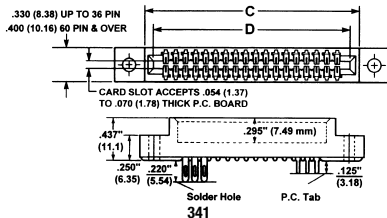
Mfg. Part No.	Positions/Contacts	Stock No.	Price Each
50-22SN-5	22/22	81F1028	7.25

DIP SOLDER TAILS, DOUBLE READOUT, 0.200" ROW SPACING, 0.156" LONG, WITH 0.128" MOUNTING HOLE

Mfg. Part No.	Positions/Contacts	Stock No.	Price Each
			1-24
50-44SN-1	22/44	29F1755	5.38

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341 AND 345 SERIES DUAL READOUT 0.100" (2.54) CARD EDGE RECEPTACLES

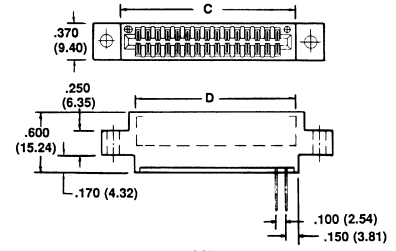


Feature pre-loaded, bifurcated contacts copper/nickel/tin alloy plated with gold over nickel in mating area and tin-lead tails. Choice of PC tab, wire wrap or solder hole contacts. Flush mount, green glass-filled polyester insulator, rated UL94V-0. Accepts PC boards 0.054 to 0.070" (1.37-1.78)

➤ CONTINUED ➤

341 AND 345 SERIES DUAL READOUT 0.100" (2.54) CARD EDGE RECEPTACLES (CONT.)

thick. Current rating: 3A. For 345 series use mfg. part no. 345-240-318 polarizing insert for between-contact position. These parts are 0.200" row spacing. For 341 series use mfg. part no. 341-240-318 polarizing insert for between-contact position, go online or call. UL recognized.



PC TAB TERMINALS, WITHOUT MOUNTING LUGS

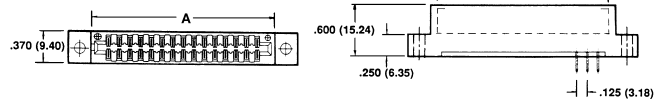
Mfg. Part No.	Contacts	Dimensions		Stock No.	Price Each	
		C	D		1-24	25-99
345-020-520-201*	20	1.260"	1.100"	62K3480	5.76	4.38
345-050-520-201*	50	2.760"	2.600"	95F3050	8.21	6.24

SOLDER HOLE TERMINALS, MOUNTING LUGS WITH 0.128" DIA. HOLES

341-020-500-202	20	1.275"	1.100"	26M8373	5.68	4.82
341-026-500-202	26	1.575"	1.400"	21M6853	5.55	4.71
341-030-500-202	30	1.775"	1.600"	95F3028	5.83	4.95
341-036-500-202	36	2.075"	1.900"	95F3029	13.94	11.84

*CSA certified (8687)

CARD EDGE INDUSTRY-STANDARD BUS SYSTEM CONNECTORS



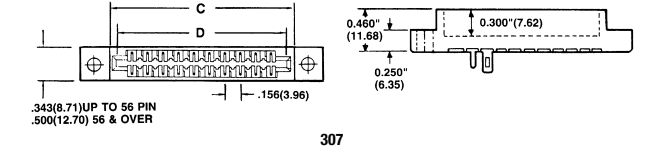
- Accept 0.062" (1.57mm) Nominal PC Board Thickness
- Insulator Rated UL94V-0
- UL Recognized, CSA Certified

Standard 345, 346 and 395 series receptacles are specifically for standardized Bus-style configurations. Bifurcated copper/nickel/tin alloy plated with gold-over-nickel in mating area and tin-lead tails. Glass-filled green or black polyester insulator with or without mounting lugs. 345 and 395 series receptacles are 0.100" contact spacing and 0.200" row spacing. 346 series receptacles are 0.125" contact spacing and 0.250" row spacing.

Mfg. Part No.	Contacts	Bus Style	P.C. Tail Type	Dimensions		Stock No.	Price Each
				1-24	25-99		
346-056-520-802	56	Standard Bus	0.025 Sq. x 0.175" L	3.785"	3.625"	66F9815	7.17
345-060-524-201	60	Multibus 1	0.018 Sq. x 0.175" L	3.260"	3.100"	66F9813	5.59
395-062-520-350	62	IBM® PC-XT	0.030 x 0.018 x 0.175" L	3.360"	3.200"	59K0482	1.99
395-098-520-350	98	IBM® PC-AT ISA	0.030 x 0.018 x 0.175" L	5.160"	5.000"	29H4801	2.19
345-120-520-201	120	Versabus	0.030 x 0.018 x 0.175" L	6.260"	6.100"	66F9817	9.52

(76906)

307 SERIES DUAL-READOUT 0.156" (3.96) CARD EDGE RECEPTACLES



Low-profile receptacles feature phosphor bronze contacts with bifurcated nose. Selective gold over nickel plating in mating area with tin-lead tails. Solder hole or PC tab contacts. Flush mount, green glass-filled polyester insulator, rated UL94V-0. Parts are single read out with center line contacts. Mounting lugs with 0.128" diameter holes, accepts PC boards 0.054 to 0.070" (1.37-1.78) thick. Current rating: 5A.

SOLDER HOLE TERMINALS

Mfg. Part No.	Contacts	Dimensions		Stock No.	Price Each	
		C	D		1-24	25-99
307-012-500-202	12	1.246"	1.100"	95F3098	2.59	2.44
307-020-500-202	20	1.870"	1.720"	95F3099	3.60	3.40
307-024-500-202	24	2.182"	2.030"	95F3100	4.13	3.90
307-030-500-202	30	2.650"	2.504"	95F3101	3.97	3.75
307-036-500-202	36	3.118"	2.970"	95F3102	5.04	4.76
307-044-500-202	44	3.742"	3.590"	95F3103	5.86	5.53
307-056-500-202	56	4.678"	4.532"	95F3105	3.26	3.08

➤ CONTINUED ➤

CARD EDGE CONNECTORS

307 SERIES DUAL-READOUT 0.156" (3.96) CARD EDGE RECEPTACLES (CONT.)

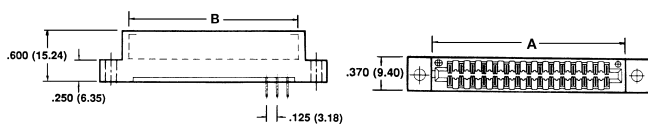
Mfg. Part No.	Contacts	Dimensions		Stock No.	Price Each	
		C	D		1-24	25-99
● 307-072-500-202	72	5.926"	5.780"	95F3106	8.51	8.03
● 307-086-500-202	86	7.018"	6.872"	95F3107	9.90	9.34

PC TAB TERMINAL

Mfg. Part No.	Contacts	Dimensions		Stock No.	Price Each	
		C	D		1-24	25-99
● 307-012-502-202	12	1.246"	1.100"	85H4382	2.87	2.71
● 307-020-520-202	20	1.870"	1.720"	59K0368	4.01	3.78
● 307-024-520-202	24	2.182"	2.030"	35C1224	4.13	3.90
● 307-036-520-202	36	3.118"	2.970"	59K0370	5.04	4.76
● 307-044-520-202	44	3.742"	3.590"	59K0371	5.86	5.53
● 307-056-520-202	56	4.678"	4.532"	63K7126	7.60	7.18
● 307-072-520-202	72	5.926"	5.780"	59K0373	4.28	4.04
● 307-086-520-202	86	7.018"	6.872"	60K7106	11.02	10.40

(8686)

346 SERIES DUAL READOUT 0.125" (3.18) CARD EDGE RECEPTACLES

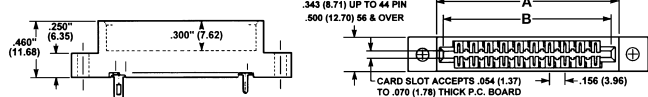


Same as 345 series receptacles except 0.125" (3.18) contact spacing, 0.250" (6.35) row spacing. Feature PC tab terminals, 0.025" (0.64) square x 0.175" (4.45) long. Mounting lugs with 0.128" (3.25) diameter holes. Type number suffix -202 denotes dual row, flush mounting lugs; suffix -802 denotes dual row, 0.170" (4.32mm) offset lugs. Use type 345-240-318 polarizing insert for between-contact position, ordered separately; go online or call. UL recognized, CSA certified.

Mfg. Part No.	Contacts	Dimensions		Stock No.	Price Each	
		A	B		1-24	25-99
● 346-056-520-202	56	3.785"	3.625"	67K3067	3.60	3.40
● 346-056-520-802	56	3.785"	3.625"	66F9815	7.17	6.77

(8688)

305 SERIES DUAL READOUT 0.156" (3.96) CARD EDGE RECEPTACLES



Bifurcated copper/nickel/tin alloy contacts with gold over nickel plating in mating area, tin-lead tails. Choose solder hole, or PC tab contacts. Flush mount, glass-filled polyester insulator, rated UL94V-0, with mounting lugs. Accepts PC boards 0.054 to 0.070" (1.37-1.78) thick. Current rating: 5A. UL recognized, CSA certified.

SOLDER HOLE TERMINALS, MOUNTING LUGS WITH 0.128" DIAMETER HOLES

Type	Contacts	Dimensions		Stock No.	Price Each	
		A	B		1-24	25-99
● 305-056-500-202	56	4.678"	4.530"	95F3155	9.95	7.57
● 305-072-500-202	72	5.926"	5.780"	95F3157	10.67	8.12

(8690)

PCI EXPRESS™ CONNECTORS



- Lead free version
- Complies with the PCI SIG specification for desktop PCI Express implementation
- Supports 2.5Gbps data transfer rate (per pair data bandwidth)
- Scalable modular design maximizes card interoperability for user flexibility
- 1x, 4x, and 8x add-in card can plug into 16x connector
- Enables hot plug and hot swap



Contact finish: 15µ" Gold. Current rating: 1.1A. Voltage rating: 50V. Withstanding voltage: 500VDC. Contact resistance: 40mΩ max. Insulation resistance: 1000MΩ min. PC board thru hole mounting.

1.00mm (0.039") PITCH MINICARDS

Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-9	10-24
● 87715-9005	36	71J0547	1.82	1.72
● 87715-9105	64	71J0548	2.43	2.29
● 87715-9205	98	71J0549	3.95	3.72
● 87715-9305	164	71J0550	5.75	5.43
● 78028-0116	164	84K7550	11.12	10.49

▶ CONTINUED ▶

PCI EXPRESS™ CONNECTORS (CONT.)

0.80mm (0.31") PITCH MINICARDS AND LATCHES

Mfg. Part No.	Description	Contacts	Stock No.	Price Each	
				1-9	10-24
● 67910-9000	Mini PCI Express, right angle, 9.00mm height	52	84K7547	6.26	5.91
● 48099-9000	Mini PCI Express latch, mated height 9.8mm. For use with 67910-9000*	...	87K0969	2.58	2.43
● 67910-0002	Mini PCI Express, right angle, 4.00mm height	52	87K0970	4.31	4.07
● 48099-4000	Mini PCI Express latch, mated height 4.75mm. For use with 67910-0002*	...	84K7540	2.46	2.32

* With pick and place cover (83525)

12.90mm (0.508") PITCH POWER EDGE™ CONNECTORS



- Mates directly to 1.58mm(.062")-thick double-sided card edge PCB or bus bar tab
- End-to-end stackable for card edge requirements up to 203.2mm (8") in length
- Opposing contacts on each segment are isolated to allow power connections at different voltage levels on one side of the board with ground or power return on the other side of the board
- Rated for current interruptions to match hot plug requirements
- Foot print compatible and end-to-end stackable with competing connectors

Contact finish: Gold. Current rating: 40A. Voltage rating: 250V. Withstanding voltage: 1500VDC. Contact resistance: 1mΩ max. Insulation resistance: 5000MΩ max.

45714 SERIES VERTICAL ASSEMBLY, PRESS-FIT TAILS

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-9	10-24
● 45714-0001	4	72K2250	7.59	6.84
● 45714-0002	6	72K2251	11.38	10.25
● 45714-0003	8	72K2252	15.17	13.67

45719 SERIES VERTICAL ASSEMBLY, SOLDER TAILS

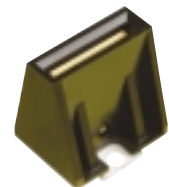
Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-9	10-24
● 45719-0001	4	72K2253	7.59	6.84
● 45719-0002	6	72K2254	11.38	10.25
● 45719-0003	8	72K2255	15.17	13.67

(83526)

BUS BAR CONDUCTOR ASSEMBLY



Provides high current and current interruption (hot mate/unmate) capability in a compact "floating" vertical mount design that is particularly well-suited to blind mating bus bar-type power supplies and switching power applications. "Float" allows up to 6 degree lean in X and Y axes to better facilitate blind mating in deep racks. Mounts to a bus bar with two customer-supplied 8-32 screws. Max. current: 300A. Max. voltage: 600VAC. Vertical entry.



Mfg. Part No.	Description	Stock No.	Price Each
			1-24
● 45711-1000	Vertical mount bus bar connector assembly	84K7537	11.44

(86580)

Download RoHS Certificates of Compliance.

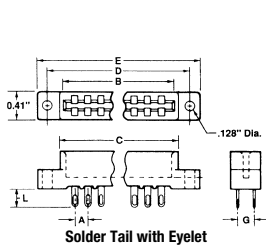


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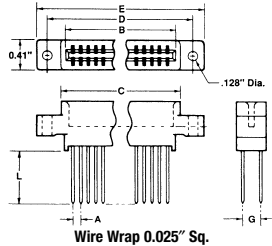
(94662)

CARD EDGE CONNECTORS • PC BOARD STACKING CONNECTORS

R600 CARD EDGE CONNECTORS



Solder Tail with Eyelet



Wire Wrap 0.025" Sq.

- Designed for 0.062" Thick PC Boards
- Low Insertion Force
- Mating Contacts Are Gold Over Nickel-Plated for Reliability

- 0.0200" Pin Row Separation
- Test Voltage: 650VAC
- Rated Current: 3A

Contact resistance drop: 30mV maximum at rated current. Insulation resistance: 5000 megohms at 500VDC. Pin length: 0.25" (solder tail); 0.65" (wire-wrap).

SOLDER TERMINATION

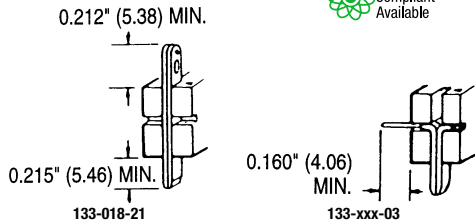
Mfg. Part No.	Contacts	Dimensions (in.)					Stock No.	Price Each	
		A	B	C	D	E		1-9	1-9
● R630†	30	0.156	2.504	2.650	2.938	3.27	38F1108	25.48	
● R636-2*	72	0.1	3.707	4.175	4.175	4.475	81F4778	24.41	
● R644*	44	0.156	3.596	3.750	4.032	4.036	38F487	14.74	
● R656-1†	56	0.125	3.625	3.790	4.045	4.336	10F8212	23.37	
● R680-2†	80	0.125	5.125	5.290	5.545	5.805	89F658	36.06	
● R681-2†	100	0.125	6.375	6.540	6.795	7.065	65F699	40.76	
● R681-3†	100	0.125	6.375	6.540	6.795	7.065	87F658	31.33	

WIRE WRAP TERMINATION

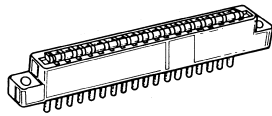
● R636-1†	72	0.1	3.707	4.175	4.175	4.475	38F1143	23.40	
● R644-2†	44	0.1	2.300	2.550	2.850	3.12	38F1139	22.86	
● R644-3C†	44	0.156	3.596	3.750	4.032	4.36	20C2842	14.48	
● R644-3F*	44	0.156	3.596	3.750	4.032	4.36	20C2835	14.48	
● R656-2†	56	0.125	3.625	3.790	4.045	4.325	90F1318	21.20	
● R680-1†	80	0.125	5.125	5.290	5.545	5.805	38F1142	32.75	

†: Center mounting ears; *: Flush mounting ears
(9102)

133/143 SERIES PC BOARD CONNECTORS



133 and 143 series PC board connectors intermate. Rated 5A, 600VACrms. Dielectric material is diallyl phthalate per MIL-M-14 type MDG. Dielectric resistance: 5000 megohms minimum. 133 series male plug adapters for PC boards are especially useful in situations involving board thicknesses other than 1/16".



Card Edge Connector

133 SERIES MALE PLUG ADAPTERS

Mfg. Part No.	Contacts	Tail Style	Stock No.	Price Each	
				1-24	25-49
● 133-018-21	18	*	42F138	43.94	39.97
● 133-015-03	15	*	42F318	52.78	48.01
● 133-022-03	22	*	42F320	59.95	54.53

143 SERIES CARD EDGE CONNECTORS

Mfg. Part No.	Contacts	Tail Style	Stock No.	Price Each	
				1-24	25-49
● 143-010-01	10	Solder Eyelet	42F300	17.26	15.70
● 143-012-01	12		42F308	11.63	10.58
● 143-015-01	15		42F301	11.67	10.62
● 143-018-01	18		42F302	22.00	20.01
● 143-022-01	22		42F303	16.78	15.26
● 143-010-03	10	DIP Solder	42F310	18.10	16.46
● 143-022-03	22		42F314	18.29	16.63

*See illustrations above
(9020)

0.5mm FINE PITCH SURFACE MOUNT CONNECTORS (1.5mm BOARD-TO-BOARD STACK HEIGHT)



Ultra fine, 0.5mm [.020"] pitch SMT connectors for 1.5mm board-to-board interconnections. Low profile parallel board stacking height of 1.5mm [.059"]. Nickel contacts with gold plating on mating surface. Double row design is ideally suited for applications requiring miniaturization, designed for economical, automatic placement onto SMT printed circuit boards. Tab and receptacle designs include surface areas to accommodate "pick and place" vacuum nozzles without secondary covers. Tape and reel packaged, conforming to EIAJ standards.



Mfg. Part No.	Positions	Gender	Stock No.	Price Each	
				1-9	1-9
● 2-5353515-0	20	Male	67K7607	4.62	
● 2-5353512-0	20	Female	57K0506	2.27	
● 4-5353512-0	40	Female	67K7608	3.57	
● 6-5353159-0	60	Female	67K7610	6.83	
● 7-5353164-0	60	Male	67K7613	7.27	
● 7-5353159-0	70	Female	67K7612	9.70	
● 8-5353164-0	70	Male	58K8690	15.06	
● 8-5353159-0	80	Female	67K7614	9.70	
● 1565359-1	100	Male	45K1638	7.48	

(79270)

0.8mm FREE HEIGHT (FH) CONNECTORS



- Voltage Rating: 100 VAC
- Current Rating: 0.5 A
- Contact Resistance: 30 milliohms max.
- Dielectric Withstanding Voltage: 500 VAC (1 minute)
- Operating Temperature: -40°C to +85°C
- PC Board to Board Staking Connector
- Stack height formula (Rcpt H + Plug H) - 5 = Mated Stack height in mm



For parallel board-to-board SMT applications, high density packaging on 0.8mm (.031) pitch, 50% of the required board space compared to 1.25mm (.050) pitch product. Available in 40 to 200 position sizes in 20 position increments. Board stacking heights range from 5mm to 16mm in 1mm increments. 8µ" Gold contact mating area plating. Dual rows. Contact materials, receptacles-beryllium copper, plugs-brass.

Mfg. Part No.	Positions	Gender	Height (mm)	Stock No.	Price Each	
					1-9	1-9
● 5177984-1	40	Plug	5	42K7042	2.59	
● 5179029-1	40	Plug	6	73K1636	2.74	
● 5179031-1	40	Plug	8	73K1641	2.59	
● 5179029-2	60	Plug	6	42K7052	4.09	
● 5179030-2	60	Plug	7	73K1638	3.07	
● 5177984-3	80	Plug	5	42K7044	4.78	
● 5179029-3	80	Plug	6	73K1637	4.96	
● 5179030-3	80	Plug	7	73K1639	5.26	
● 5179031-3	80	Plug	8	42K7057	5.26	
● 316229-3*	80	Plug	12	13H1017	31.40	
● 5179029-4	100	Plug	6	42K7053	6.18	
● 5179030-4	100	Plug	7	42K7055	5.98	
● 5179031-4	100	Plug	8	42K7058	6.55	
● 5179029-5	120	Plug	6	42K7054	7.10	
● 5179030-5	120	Plug	7	73K1640	7.08	
● 5179031-5	120	Plug	8	42K7059	7.08	
● 5177983-1	40	Receptacle	5	42K7036	2.74	
● 5-5179009-1	40	Receptacle	9	73K1622	2.07	
● 5179010-1	40	Receptacle	13	73K1634	3.54	
● 5177983-2	60	Receptacle	5	42K7037	3.74	
● 5-5179009-2	60	Receptacle	9	73K1623	3.86	
● 5179010-2	60	Receptacle	13	73K1635	2.94	
● 5-5179009-3	80	Receptacle	9	73K1624	5.26	
● 5-5179010-3	80	Receptacle	13	42K6936	4.96	
● 5177983-4	100	Receptacle	5	42K7039	6.18	
● 5-5179010-4	100	Receptacle	13	42K6937	5.98	
● 5177983-5	120	Receptacle	5	42K7040	7.50	
● 5-5179009-5	120	Receptacle	9	42K8673	7.08	
● 5-5179010-5	120	Receptacle	13	42K6938	6.83	

*Right angle plug
(79277)

PC BOARD STACKING CONNECTORS

1mm FH (IEEE 1386) PC BOARD TO BOARD STACKING CONNECTORS



- Current Rating: 1.0A per contact
- Contact Resistance: 30 milliohms max.
- Durability: tested to 100 mating cycles min.

High density packaging on 1.0 [.039] centerline spacing, available in standard 64-position and optional 84-position sizes, board stacking heights available from 8mm [.315"] to 15mm [.591"]. Tape and reel packaged per EIA standards, increased plastic clearance eliminates stress to solder joints during mating, improved locating posts ensure accurate hand or robotic placement. Contact material-phosphor bronze, housing material-thermoplastic, dual rows. Meets EIA-700 AAAB specifications for IEEE 1386 applications.

BOARD STACKING HEIGHT COMBINATIONS

64 POSITION

Receptacle	Plug	Combined Height (mm)
5120521-1	5120525-1	8mm
120521-1	120526-1	9mm
5120521-1	5120527-1	10mm
120603-1	120526-1	11mm
120603-1	120527-1	12mm
120523-1	120527-1	13mm
5120524-1	5120525-1	14mm
5120524-1	5120527-1	15mm

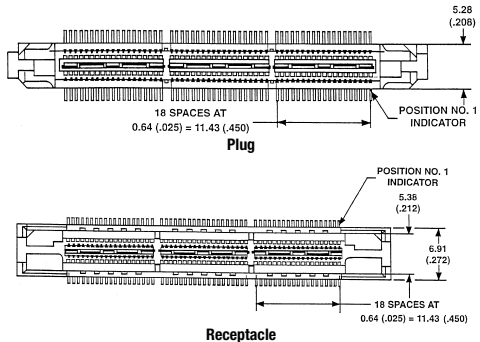
84 POSITION

Receptacle	Plug	Combined Height (mm)
120521-2	120527-2	10mm
120603-2	120527-2	12mm
120523-2	120527-2	13mm
120524-2	120527-2	15mm

Mfg. Part No.	Positions	Gender	Stock No.	Price Each	
				1-9	10-24
● 5120521-1	64	Receptacle	42K6995	5.94	
● 5120524-1	64	Receptacle	42K6997	7.71	
● 5120525-1	64	Plug	42K6998	6.35	
● 5120527-1	64	Plug	42K8675	10.38	
● 5120523-1	64	Receptacle	42K6996	7.27	
● 5120521-2	84	Receptacle	73K1625	5.56	
● 5120523-2	84	Receptacle	73K1626	9.55	
● 5120603-2	84	Receptacle	73K1630	9.55	
● 5120527-2	84	Plug	73K1629	10.81	
● 5120524-2	84	Receptacle	73K1627	9.55	

(79278)

MICTOR® FINE PITCH SMT STACKING CONNECTORS



- Level III Board-to-Board Connector
- High Density and Controlled Impedance

- Redundant Contact Design

0.025" (0.64mm) pitch vertical connectors are designed for 50-ohm systems. Housing: liquid crystal polymer (LCP), black. Contacts: beryllium copper. Ground bus: phosphor bronze. 0.430" (10.92mm) stacking height.

VERTICAL PLUGS

Mfg. Part No.	Pos.	Stacked Height (mm)	Contact Finish	Stock No.	Price Each		
					1-4	5-9	10-24
● 5767003-9	38	11.00	Gold	16M3377	20.51	18.79	17.38
● 5767017-1	38	22.86	Gold	73K1690	54.27	49.72	45.98
● 5767007-8	38	6.60	Gold Over Nickel	53K4499	17.16	15.72	14.54
● 5767123-9	76	11.00	Gold	73K1705	41.74	38.25	35.37
● 5767017-2	76	22.86	Gold	73K1691	58.89	53.96	49.90
● 5767007-9	76	6.60	Gold	42K7551	36.93	33.84	31.29
● 1-5767003-1	114	11.00	Gold	42K6554	60.92	55.82	51.62

▶ CONTINUED ▶

MICTOR® FINE PITCH SMT STACKING CONNECTORS (CONT.)

Mfg. Part No.	Pos.	Stacked Height (mm)	Contact Finish	Stock No.	Price Each		
					1-4	5-9	10-24
● 5767042-3	114	18.75	Gold	73K1693	89.03	81.58	75.44
● 1-5767007-0	114	6.60	Gold	42K6557	52.60	48.20	44.57
● 5767003-8	152	11.00	Gold	42K7550	82.02	75.15	69.49
● 1-5767005-1	152	12.57	Gold	42K6556	86.12	78.91	72.97
● 1-5767007-1	152	6.60	Gold	42K6558	73.84	67.65	62.56
● 5767042-5	190	18.75	Gold	73K1694	153.94	141.05	130.43
● 1-5767007-2	190	6.60	Gold	73K1607	92.31	84.58	78.21
● 1-5767003-3	228	11.00	Gold	73K1605	123.00	112.70	104.22
● 5767087-6	228	11.00	Nickel Palladium	73K1702	143.81	131.77	121.85
● 1-5767005-3	228	12.57	Gold	73K1606	121.86	111.66	103.26
● 1-5767007-3	228	6.60	Gold	42K6559	105.18	96.37	89.12
● 5767056-6	228	6.60	Nickel Palladium	73K1699	115.04	105.41	97.48
● 5767056-7	266	6.60	Nickel Palladium	73K1700	134.27	123.02	113.76

RIGHT-ANGLE PLUGS

Mfg. Part No.	Positions	Contact Finish	Stock No.	Price Each		
				1-4	5-9	10-24
● 5767039-4	152	Nickel Palladium	73K1692	81.33	74.52	68.91
● 5767006-5	190	Gold	73K1688	92.31	84.58	78.21
● 5767006-6	228	Gold	73K1689	110.76	101.49	93.85

VERTICAL RECEPTACLES

Mfg. Part No.	Positions	Contact Finish	Stock No.	Price Each		
				1-4	5-9	10-24
● 5767061-1	38	Gold Flash	42K7554	22.62	20.72	19.16
● 2-5767004-2	38	Gold	24K3655	15.90	14.57	13.47
● 5767054-2	76	Nickel Palladium	73K1696	35.57	32.59	30.14
● 5767061-6	76	Gold Flash	73K1701	127.61	116.92	108.12
● 2-5767004-3	76	Gold	42K6829	31.02	28.42	26.29
● 5767054-3	114	Nickel Palladium	42K7553	50.35	46.13	42.66
● 2-5767004-4	114	Gold	42K6830	48.18	44.14	40.82
● 5767054-4	152	Nickel Palladium	73K1697	77.12	70.67	65.35
● 2-5767004-5	152	Gold	42K6831	64.27	58.89	54.46
● 2-5767004-6	190	Gold	42K6832	85.10	77.98	72.11
● 5767054-6	228	Nickel Palladium	73K1698	100.59	92.17	85.23
● 2-5767004-7	228	Gold	42K6833	91.72	84.04	77.71

RIGHT-ANGLE RECEPTACLES

Mfg. Part No.	Positions	Contact Finish	Stock No.	Price Each		
				1-4	5-9	10-24
● 5767044-6	228	Nickel Palladium	73K1695	127.61	116.92	108.12
● 5767089-7	266	Nickel Palladium	73K1703	149.31	136.81	126.51

EXTENDED HEIGHT VERTICAL RECEPTACLES

Mfg. Part No.	Positions	Contact Finish	Stock No.	Price Each		
				1-4	5-9	10-24
● 5767095-2	76	Nickel Palladium	73K1704	40.06	36.70	33.94
● 5767130-4	152	Gold	73K1706	110.88	101.60	93.95
● 5767130-6	228	Gold	73K1707	144.60	132.49	122.52

(61074)

PC/104 BUS CONNECTORS



Just Added



Stackthrough

Non-Stackthrough

- 32+32 way supports and 8-bit system
- 20+20 ways combined with 32+32 ways supports a 16-bit system

- Body material: Thermoplastic
- Contact finish: Gold
- Temperature range: -55°C to 105°C

STACKTHROUGH — SOLDER TAIL

Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-24	25-48
● M20-6102045	40	03M3402	4.06	
● M20-6103245	64	03M3403	5.72	

NON-STACKTHROUGH — SOLDER TAIL

● M20-6112045	40	03M3404	3.48	
● M20-6113245	64	84K7428	4.71	

STACKTHROUGH — PRESS-FIT

● M20-6152005	40	55K6973	12.70	
● M20-6153205	64	84K2984	13.85	

(90465)

PC BOARD STACKING CONNECTORS • DIN 41612 CONNECTORS

SLIMSTACK™ SMT BOARD-TO-BOARD CONNECTORS



Just Added



- Metal friction lock for secure mating
- High temperature housing
- Durable blade-on-beam construction
- Anti-flux design

Surface mount SlimStack™ 0.4 (0.40mm pitch) saves nearly 30% of PCB space versus similar 0.50mm versions. Voltage rating: 50V. Current: 0.5A. Phosphor bronze leaf-style gold-plated contacts. LCP housing. Vertical orientation.

METAL FRICTION LOCK

Mfg. Part No.	Contacts	Gender	Stock No.	Price Each	
				1-9	10-24
● 55560-0168	16	Plug	57H6556	1.04	0.93
● 55560-0207	20	Plug	57H6557	2.55	2.28
● 55560-0307	30	Plug	57H6559	4.46	3.98
● 55560-0347	34	Plug	59J0933	5.27	4.70
● 55560-0407	40	Plug	02H0636	5.92	5.29
● 55560-0507	50	Plug	57H6561	4.34	3.88
● 55560-0607	60	Plug	57H6562	5.18	4.63
● 55560-0807	80	Plug	57H6563	6.92	6.18
● 54722-0168	16	Receptacle	57H6193	1.66	1.48
● 54722-0207	20	Receptacle	57H6194	2.97	2.65
● 54722-0307	30	Receptacle	57H6196	2.80	2.50
● 54722-0347	34	Receptacle	97H6786	3.73	3.33
● 54722-0407	40	Receptacle	57H6198	3.73	3.33
● 54722-0507	50	Receptacle	57H6200	4.60	4.10
● 54722-0607	60	Receptacle	57H6201	5.49	4.90

METAL FRICTION LOCK w/METAL SOLDER TABS

● 54363-0878	80	Receptacle	59J0686	9.18	8.18
● 54363-1478	140	Receptacle	59J0689	9.07	8.08

POLARIZED w/METAL SOLDER TABS

● 54230-0578	50	Receptacle	59J0673	3.25	2.90
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STANDARD LOCK, BLACK

● 54167-0308	30	Receptacle	25H9936	4.28	3.81
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STANDARD LOCK, WHITE

● 52991-0308	30	Receptacle	57H4610	1.34	1.19
● 52991-0408	40	Receptacle	09H1334	2.66	2.37

STANDARD LOCK w/METAL SOLDER TABS

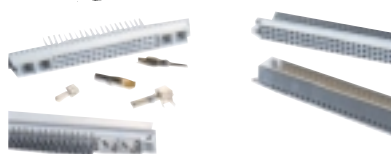
● 53949-0878	80	Plug	59J0638	5.08	4.53
● 54150-0878	80	Receptacle	59J0669	6.05	5.39

(88904)

EUROCARD TYPE C RIGHT-ANGLE PIN AND VERTICAL RECEPTACLE ASSEMBLIES



- 0.100" x 0.100" (2.54 x 2.54) Pin and Receptacle Connector Assemblies
- Meet DIN 41612 (Level II) and IEC 603-2 Requirements
- Type C Vertical Assemblies Feature Solderless, Press-Fit Action Pin®
- Voltage Rating: 250VAC
- Dielectric Rating: 1000VAC
- Temperature Rating: -55°C to +125°C
- UL Recognized, CSA Certified



Type C right-angle pin assemblies feature brass solder posts with or without brass boardlocks. Easily installed with seating tools, ordered separately. Flame retardant, grey polyester polarized housings, rated UL94V-0. Interchangeable with type R assemblies, ordered separately on this page.

TYPE C RIGHT-ANGLE PIN ASSEMBLIES, SOLDER POST STANDARD DIN SIZE

Mfg. Part No.	Positions	Length (Inches)	Post Lgth. (Inches)	Stock No.	Price Each
					1-9
● 5650473-5†	96	3.7	0.104	42K7349	4.42
● 5650913-5*	96	3.7	0.104	42K7358	4.97
● 5650947-5	96	3.7	0.130	42K7364	3.49
● 5650945-5	64	3.7	0.104	42K7363	3.77
● 5650951-5	64	3.7	0.130	42K7365	4.56

HALF DIN SIZE

● 5650478-5	48	2.1	0.104	42K7350	2.82
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RIGHT ANGLE RECEPTACLE ASSEMBLIES, SOLDER POST

● 1-148059-5†	96	3.7	0.669	33B3155	10.42
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▶ CONTINUED ▶

EUROCARD TYPE C RIGHT-ANGLE PIN AND VERTICAL RECEPTACLE ASSEMBLIES (CONT.)

STANDARD DIN SIZE

Mfg. Part No.	Positions	Length (Inches)	Post Lgth. (Inches)	Stock No.	Price Each
					1-9
● 5650408-5	64	3.7	0.180	73K1684	4.18
● 5535059-4	64	3.7	0.190	73K1661	4.44
● 215781-4	64	3.7	0.669	93F5068	15.76
● 5535043-5†	96	3.7	0.080	73K1660	5.31
● 5536418-5†	96	3.7	0.098	73K1669	5.91
● 5535089-5†	96	3.7	0.098	73K1663	5.00
● 5148292-5	96	3.7	0.115	73K1633	7.11
● 5535090-5†	96	3.7	0.130	73K1665	5.31
● 5535090-9†	96	3.7	0.130	73K1666	9.12
● 5535090-4†	96	3.7	0.130	73K1664	5.00
● 5535043-4	96	3.7	0.180	73K1659	5.31
● 215912-4	96	3.7	0.512	93F5064	22.44
● 1-148057-5†	96	3.7	0.512	33B3154	11.43
● 215614-4	96	3.7	0.669	93F5066	20.00
● 1-215614-4	96	3.7	0.669	93F5067	27.20

HALF DIN SIZE

● 5536397-5	48	2.1	0.098	73K1668	5.47
● 5535070-5	48	2.1	0.130	73K1662	4.18

EXTENDED DIN SIZE

● 5535097-5	120	4.5	0.098	73K1667	9.55
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* With Boardlocks. † Compatible with FUTUREBUS, VMEbus, Intel MULTIBUS (II), NUBUS applications. (8051)

EUROCARD TYPE R VERTICAL PIN AND RIGHT-ANGLE RECEPTACLE ASSEMBLIES



- 0.100" x 0.100" (2.54 x 2.54) Pin and Receptacle Connector Assemblies
- Meet DIN 41612 (Level II) and IEC 603-2 Requirements
- Voltage Rating: 250VAC
- Dielectric Rating: 1000VAC
- Temperature Rating: -55°C to +125°C
- UL Recognized, CSA Certified



Type R vertical pin assemblies feature brass solder posts or 0.025" (0.64) square phosphor bronze Action Pin® solderless, press-fit posts for PC board thicknesses of 0.093" (2.36) and above. Easily installed with seating tools, go online or call. Type R right-angle receptacle assemblies feature phosphor bronze solder posts. Flame retardant, grey polyester polarized housings, rated UL94V-0. Interchangeable with type C assemblies, go online or call.

TYPE R VERTICAL PIN ASSEMBLIES, SOLDER POST STANDARD DIN SIZE

Mfg. Part No.	Positions	Post Lgth.	Length	Stock No.	Price Each		
					1-24	25-99	100-499
● 5650908-5	96	0.13"	3.74"	42K7357	4.03	3.70	2.95
● 5650470-5	96	0.18"	3.74"	42K7348	4.02	3.70	2.94

HALF DIN SIZE

● 5650479-5	48	0.13"	2.140"	42K7351	2.63	2.42	1.93
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EXPANDED DIN SIZE

● 5650922-5	150	0.13"	5.352"	73K1687	5.99	5.52	4.39
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TYPE R VERTICAL PIN ASSEMBLIES, ACTION PIN® STANDARD DIN SIZE

● 5650889-5	96	0.25"	3.74"	42K7354	4.03	3.70	2.95
● 650909-5	96	0.52"	3.74"	93F5100	4.20	3.86	3.08
● 1-650930-4	64	0.52"	3.74"	93F5103	10.86	9.99	7.96

TYPE R RIGHT-ANGLE RECEPTACLE ASSEMBLY, SOLDER POST STANDARD DIN SIZE

● 5650461-4	96	0.110"	3.69"	16M3307	5.36	4.93	3.93
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(8052)

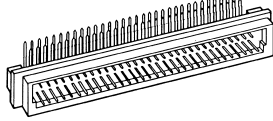
Talk to our team of engineers.

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(94668)

DIN 41612 CONNECTORS

DIN BOARD MOUNT CONNECTORS



DIN connectors feature high-contact density, low mating forces and 2-piece design. Header and receptacle versions without keying in 3-row (3 x 32) configuration. 0.100" (2.54) grid. 0.025" (0.635) square terminals. Standard and inverted (reverse) versions available for solder-in, wire-wrap, press-fit and surface mount compatible applications. Contact resistance: 20 milliohms. Rated 3A @ 20°C. Insulation resistance: 5000 megohms @ 500VDC. Operating temperature: -65°C to +125°C. Comply with DIN 41612. UL recognized, CSA certified, VDE approved. Meets M55302/V695324 military specifications.

8457 SERIES MALE, STYLE 1/2C, RIGHT ANGLE SOLDER TERMINATION

Mfg. Part No.	No. of Rows	Contacts	Tail Length (mm)	Loading Description	Stock No.	Price Each
● 108457048002025	3	48	3.0	a + b + c fully loaded	16F3042	2.60

8457 SERIES MALE, STYLE C, RIGHT ANGLE SOLDER TERMINATION

● 10-8457-096002025	3	96	3.0	a + b + c fully loaded	04M4696	5.44
● 10-8457-096002025	3	96	3.0	a + b + c fully loaded	04M4696	5.44
● 108457096002026	3	64	3.0	a + c fully loaded	69F399	2.51

8457 SERIES MALE, STYLE C, RIGHT ANGLE SOLDER TERMINATION (1.6mm BOARD RETENTION CLIP)

● 168457096002025	3	96	3.0	a + b + c fully loaded	17C0037	3.62
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8457 SERIES FEMALE, STYLE C, STRAIGHT SOLDER TERMINATION (0.6 x 0.6mm POST PROFILE)

● 20-8457-096001025	3	96	4.5	a + b + c fully loaded	04M4705	8.72
● 20-8457-096001025	3	96	4.5	a + b + c fully loaded	04M4705	8.72
● 20-8457-096001026	3	64	4.5	a + c fully loaded	69F402	3.57

8458 SERIES FEMALE, STYLE C, STRAIGHT PRESS-FIT TERMINATION (0.6 x 0.6mm POST PROFILE)

● 20-8458-096001025	3	96	5.3	a + b + c fully loaded	89F741	3.32
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8477 SERIES MALE, STYLE R, INVERTED, STRAIGHT SOLDER TERMINATION

● 108477096001025	3	96	2.9	a + b + c fully loaded	16C9834	2.43
● 108477096001026	3	64	2.9	a + c fully loaded	16C9835	2.25

8477 SERIES FEMALE, STYLE R, INVERTED, RIGHT ANGLE SOLDER TERMINATION (0.6 x 0.6mm POST PROFILE)

● 20-8477-096002025	3	96	3.0	a + b + c fully loaded	69F408	7.85
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8478 SERIES, MALE, STYLE R, STRAIGHT PRESS-FIT TERMINATION (0.6 x 0.6mm POST PROFILE)

● 10-8478-096001025	3	96	5.3	a + b + c fully loaded	89F732	3.26
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har-bus® 64 VME64 EXTENSION CONNECTOR SYSTEM



Male Right-Angle

Female Straight

Rear Shroud

har-bus® 64 connectors are 100% backward-compatible to existing Eurocard systems and Gds A-C connectors; ordered separately, go online or call. All versions have 160 contacts. The addition of rows z and d provide 35 more signal ground return, +3.3V power, ±48V power and 6-slot geographical addressing pins. Contact spacing: 0.1" (2.54). Working current: 2A maximum. Temperature range: -65°C to 125°C.

STRAIGHT AND RIGHT-ANGLE CONNECTORS

Mfg. Part No.	Gender	Termination	Stock No.	Price Each	
				1-9	10-24
● 02 01 160 2101	Male	Right-Angle Solder	79K4439	20.52	18.79
● 02 04 160 1101	Female	Right-Angle Solder	79K4437	57.75	52.88
● 02 02 160 2201	Female	Straight Press-Fit	79K4440	19.13	17.51
● 02 02 160 2301	Female	Straight Press-Fit	40K1709	21.99	20.14
● 02 05 000 0001	Female	Straight Crimp	40K1705	9.19	8.32

REAR SHROUDS

Mfg. Part No.	Description	Stock No.	Price Each	
			1-9	10-24
● 02 44 000 0007	For PC Board 2.8mm Thick	40K1708	4.13	3.79
● 02 44 000 0001	For PC Board 3.4mm Thick	40K1706	4.06	3.72
● 02 44 000 0002	For PC Board 4.0mm Thick	40K1707	4.13	3.79
● 02 44 000 0004	For PC Board 5.2mm Thick	60K7062	4.13	3.79

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	5-9
● 02-05-000-2501	Contact	79K4441	143.92	134.57
● 02 05 000 2502	Contact	79K5222	143.92	134.57
● 02 99 000 0013	Removal Tool	70C3683	44.20	40.47
● 02 99 000 0010	Crimp Tool	79K4438	1480.14	1340.05

(8472)

DIN 41612 CONNECTORS, 6 AMPS



Male - Right-Angle PCB

Female - Solder

Female - Press-In

- Current rating 6A
- In accordance with IEC60 603-2

- Order crimp contacts separately on pages 629-630

TYPE D - 2 ROWS

Mfr. Part No.	Con-tacts	DIN Style	Termination	Stock No.	Price Each
● 09 04 132 6821	32	Male	Right-Angle Solder Pin for 0.063" (1.6) PC Board	96F2668	4.92
● 09 04 232 6831	32	Female	Straight Solder Pin, 0.157" (4) long for 0.126" (3.2) PC Board	79K4458	12.02
● 09 04 232 6821	32	Female	Wrap Posts, 0.866"	40K1725	9.20

TYPE E - 3 ROWS

● 09 05 148 6921	48	Male	Right-Angle Solder Pin for 0.063" (1.6) PC Board	01C5518	8.36
● 09 05 248 6831	48	Female	Straight Solder Pin, 0.157" (4) long for 0.126" (3.2) PC Board	39C3397	13.94
● 09 05 048 3202	48	Female	Crimp, 0.866"	98B9353	4.31

TYPE F - 3 ROWS

● 09 06 232 6823	32	Female	Solder Lugs	79K4462	14.93
● 09 06 148 6901	48	Male	Right-Angle Solder Pins	96F2671	7.02
● 09 06 248 6835	48	Female	Solder Pins, 0.177"	79K4463	10.28
● 09 06 248 6832	48	Female	Press-In	96F2655	15.83
● 09 06 248 3201	48	Female	Crimp	79K4444	1.84
● 09 06 248 6823	48	Female	Solder Lugs	47M1118	16.07

(8486)

TYPE H DIN 41612 CONNECTORS, 15 AMPS



Type H Male

Type H Female

- Current rating 15A
- In accordance with IEC 60 603-2

- Order contacts separately on pages 629-630

TYPE H - 2 ROWS

Mfg. Part No.	Con-tacts	DIN Style	Termination	Stock No.	Price Each	
					1-9	10-24
● 09 06 115 2911	15	Male	Right-Angle Solder Pin for 0.063" (1.6) PC Board	79K4459	13.40	10.85
● 09 06 115 2932	15	Male	Right-Angle Solder Pins - First Mating Contact Position Z32	79K4460	12.62	10.22
● 09 06 215 2821	15	Female	Straight Solder Pin, 0.157"(4) long for 0.063"(1.6) PC Board	79K4461	13.96	11.30
● 09 06 215 2871	15	Female	For Faston 6.3 x 2.5 - May Also Be Used In Shell Housing	93K7627	13.86	11.22

TYPE H - 2 ROWS

● 09 06 015 2912	15	Male	Faston 6.3 x 2.5	93C5712	16.08	13.02
● 09 06 015 2922	15	Male	Faston 6.3 x 2.5	93C5715	15.68	12.70
● 09 06 115 2921	15	Male	Solder Pins, 0.118"	30C5376	15.10	12.23
● 09 06 015 2813	15	Female	Cage Clamp	93C5711	42.29	34.24
● 09 06 215 2811	15	Female	Faston 6.3 x 2.5	99F3628	13.83	11.20

TYPE H - 3 ROWS

● 09 06 203 2911	3	Male	Right-Angle Solder Pins 4.0mm	93C5809	7.31	5.92
● 09 06 203 2811	3	Female	Straight Solder, 0.157"	93C5808	8.77	7.11

(8488)

Best products, great value.

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We offer the broadest in-stock selection. Visit us online or call us today.

(94650)

DIN 41612 CONNECTORS

DIN 41612 SIGNAL AND POWER CONNECTORS



Type B Male



Type 2B Female

- Current rating: 2A
- In accordance with 60 603-2
- Order Type M special contacts separately on pages 629-630

Male and female connectors available in many termination styles: straight and right angle solder pins for printed circuits, solder lugs for discrete wiring, press-in for backplanes, and wrap posts for automatic wiring. Low insertion/withdrawal force and high vibration resistance. Include glass-fiber filled thermoplastic resin molding. Copper alloy contacts are gold-plated in contact zone according to performance level 2 and tinned in termination zone for greater solderability. 0.100" (2.54) contact spacing.

TYPE B - 2 ROW

Mfg. Part No.	Con-tacts	DIN Style	Termination	Stock No.	Price Each	
					1-9	10-24
09 02 164 6921	64	Male	Right-Angle Solder Pins for 0.063" PCB	96F2672	3.99	3.48
09 02 064 3214	64	Female	Straight Crimp contacts	40K1714	9.27	6.14
09 02 264 6828	64	Female	For Insulation Displacement	79K4449	15.54	13.57
09 02 264 6824	64	Female	Straight Solder Pins for 0.098" PCB	93B3021	5.82	5.08
09 02 264 6825	64	Female	Straight Solder Pins for 0.126"	79K4448	5.77	5.03
09 02 264 6821	64	Female	Straight Wrap Post 0.512" Long	79K4447	5.18	4.53

TYPE 2B - 2 ROW

09221326921	32	Male	Right-Angle Solder Pin	93C6953	2.85	2.59
09 22 232 6825	32	Female	Straight Solder, 0.177"	14C7573	3.76	3.39

TYPE C - 2 ROW LOADED

09 03 164 6921		Male	Rt.-Angle Solder Pins for 0.063" (1.6) PC Board	47M1117	3.04	2.76
09 03 264 6824	64	Female	Straight Solder Pins, 0.234" (2.5) Long for 0.063" (1.6) PC Board	13C2731	3.47	3.03
09 03 264 6825	64	Female	0.177" with Solder	83F8408	3.09	2.70
09 03 264 6828	64	Female	For Insulation Displacement for Flat Cable	79K4455	11.12	9.71
09 03 264 6850	64	Female	Press-In Compliant Pin, 2.16" (5.5)	79K4456	3.23	2.82

TYPE C - 3 ROW

09 03 196 6921	96	Male	Rt.-Angle Solder Pins for 0.063" (1.6) PC Board	96F2677	2.86	2.49
09 03 296 6823	96	Female	Straight Closed Solder Lug PC Board	99B2237	17.17	14.99
09 03 196 6922	96	Male	Straight Solder Pins for 0.063" (1.6) PC Board	96F2679	4.46	3.89
09 03 396 6921	96	Male	Rt.-Angle with Snap-In Clips	83F8407	4.34	3.79
09 03 096 3214	96	Female	Straight Crimp contacts	40K1722	4.75	3.15
09 03 296 6824	96	Female	Straight Solder Pins, 0.234" (2.5) Long for 0.063" (1.6) PC Board	13C2732	4.98	4.35
09 03 296 6825	96	Female	Straight with Solder Termination, 0.177"	80K6208	3.47	3.03
09 03 296 6850	96	Female	Straight Press-In Pins, 0.177"	79K4442	3.67	3.20
09 03 296 6851	96	Female	Press-In Pin, 0.51" (13.2)	27C1379	8.68	7.56

TYPE 2C - 3 ROW

09 23 132 6921	32	Male	Right-Angle Solder Pin	79K4466	2.26	2.08
09 23 232 6825	32	Female	Straight Solder, 0.177"	05H7267	3.43	3.15
09 23 148 6921	48	Male	Right-Angle Solder Pin	23C1623	2.52	2.32
09 23 248 6825	48	Female	Straight Solder, 0.177"	39C3353	3.28	2.98

TYPE R - 2 ROW

09 73 264 6801	64	Male	Right-Angle Solder Pins	83F8417	3.87	3.32
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TYPE R - 3 ROW

09 73 196 6903	96	Male	Straight Solder Pin, 0.157" (4) Long, for 0.126" (1.6) PC Board	96F2641	7.18	6.17
09 73 296 6801	96	Female	Right-Angle Solder Pins	79K4465	5.27	4.52

TYPE M -3 ROWS

09 03 224 6865	24	Male	Straight Solder, 0.177"	05H7264	7.43	6.63
09 03 224 6830	24	Female	Press-in Pins, 0.177"	05H7263	9.28	8.28
09 03 124 6901	32	Male	Right-Angle Solder Pin for 0.063" (1.6) PC Board	96F2659	7.12	6.45
09 03 224 6805	32	Female	Solder Pins, 0.157"	93B3005	8.92	8.08
09 03 142 6901	48	Male	Right-Angle Solder Pin for 0.063" (1.6) PC Board	96F2658	8.70	7.88
09 03 242 6805	48	Female	Solder Pins, 0.157"	79K4453	7.00	6.34
0903 260 6865	60	Male	Straight Solder, 0.177"	05H7266	7.98	7.12
09 03 260 6830	60	Female	Press-in Pins, 0.177"	05H7265	9.57	8.54
09 03 160 6901	64	Male	Right-Angle Solder Pin for 0.063" (1.6) PC Board	79K4450	9.36	8.47
09 03 260 6805	64	Female	Solder Pins, 0.157"	79K4454	8.36	7.57

▶ CONTINUED ▶

DIN 41612 SIGNAL AND POWER CONNECTORS (CONT.)

TYPE M -3 ROWS

Mfg. Part No.	Con-tacts	DIN Style	Termination	Stock No.	Price Each	
					1-9	10-24
09 03 178 6901	80	Male	Right-Angle Solder Pin or 0.063" (1.6) PC Board	79K4452	15.17	13.73
09 03 278 6805	80	Female	Solder Pins, 0.157"	79K4457	13.93	12.61

(8484)

DIN 41612 SHELL HOUSINGS, SHROUDS, CONTACTS & TOOLING



UL recognized, CSA certified.

HOUSINGS AND SHROUDS

Mfr. Part No.	Description	Stock No.	Price Each
09 03 096 0501	Shell Housing for Type C Female Connectors	35C3320	17.66
09 02 000 9902	Left Locking Lever for Shell Housing C	40K1710	1.95
09 02 000 9903	Right Locking Lever for Shell Housing C	40K1711	1.95
09 02 000 9919	Left Fixing Bracket C for Male Connectors	40K1712	1.80
09 02 000 9920	Right Fixing Bracket C for Male Connectors	40K1713	1.80
09 02 000 9909	Locking Screw for Shell Housing C	92B0888	0.75
0902-000-9911	Round Cable Insert for Shell Housing C	50B3878	4.72
09 06 000 9914	Round Cable Insert for Shell Housing B	93C5665	3.59
09 06 048 0503	Shell Housing for Type B Connectors	29C2406	20.95
09 02 000 9919	Left Fixing Bracket for Shell Housing C Male Connectors	40K1712	1.80
09 06 000 9907	Left Fixing Bracket for Type B Male Connectors	96B8297	2.32
09 06 000 9908	Right Fixing Bracket for Type B Male Connectors	96B8298	2.32
09 06 000 9926	Locking Screws for Type B Shell Housing	94B6269	0.53
09 06 000 9913	Left Locking Lever for Shell Housing B	94B6266	2.55
09 06 048 0521	Shell Housing, Type F, Hood width: 20mm, Solder Lug termination	96B6738	27.90
09 06 000 9912	Fixing Bracket, Type D, Right-angle	73C7055	2.10
09 03 000 9912	Pin Shroud for 0.512" Wirewrap Pins	93C9056	3.67
09 03 000 9915	Pin Shroud for 0.669" Wirewrap Pins	98B6181	4.42

CONTACTS FOR DIN SIGNAL TYPE D, E AND F - 6AMP

Mfr. Part No.	Description	Stock No.	Price Each
09 06 000 8481	Female Contact, Performance Level 2, Wire Gauge: 0.14-0.56 Sq. mm	92B0610	0.51
09 06 000 8482	Female Contact, Performance Level 2, Wire Gauge: 0.5-1.5 Sq. mm	79K4443	0.51
09 06 000 8471	Female Contact, Performance Level 1, Wire Gauge: 0.14-0.56 Sq. mm	93C5644	0.64
09 06 000 8472	Female Contact, Performance Level 1, Wire Gauge: 0.5-1.5 Sq. mm	98B3479	0.64

CONTACTS FOR DIN SIGNAL TYPE M - 2AMP

09 03 000 6101	10A High-Current Contact, Male, Performance Level 2, Straight Solder termination	40K1715	4.45
09 03 000 6201	10A High-Current Contact, Female, Performance Level 2, Straight Solder termination	40K1719	4.72
09 03 000 6104	10A High-Current Contact, Male, Performance Level 2, Right-angle PCB termination	40K1716	6.10
09 03 000 6160	Coaxial Contact, Male, Performance Level 2, Solder/Crimp termination	40K1717	9.85
09 03 000 6260	Coaxial Contact, Female, Performance Level 2, Solder/Crimp termination	40K1720	13.66
09 03 000 6161	Coaxial Contact, Male, Performance Level 2, Right-angle Solder/Crimp termination	40K1718	14.88
09 03 000 6262	Coaxial Contact, Female, Performance Level 2, Right-angle PCB termination	40K1721	11.38

CONTACTS FOR DIN SIGNAL TYPE B AND C - 2AMP

09 02 000 8484	Female Crimp Contact, performance level 2	99F8723	0.58
09 02 000 8474	Female Crimp Contact, performance level 1	22C6558	0.60

TOOLING - SIGNAL

Mfr. Part No.	Description	Stock No.	Price Each
09 99 000 0620	Basic Crimp Tool, BC/FC	65H6718	687.75
09 99 000 0621	Crimp Tool Set, BC1/FC1	65H6721	516.54
09 99 000 0100	Insertion Tool, crimp BC	70C3602	56.59
09 99 000 0630	Locator Tool, BC	21J5923	111.90
09 99 000 0101	Removal Tool, crimp BC	93C8295	57.86

TOOLING - POWER

09 99 000 0622	Crimp Tool Set, FC2	67H5847	516.54
09 99 000 0623	Crimp Tool Set, FC3	73H0064	516.54
09 99 000 0088	Insertion Tool, crimp FC	93C8293	10.40

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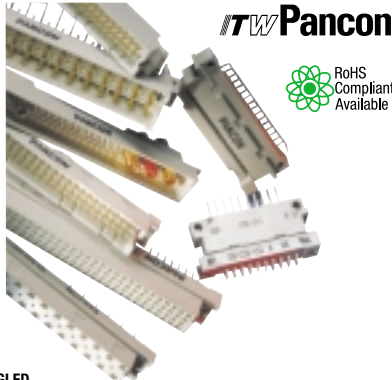
DIN 41612 CONNECTORS • PC BOARD HEADERS & SOCKETS

DIN 41612 SHELL HOUSINGS, SHROUDS, CONTACTS & TOOLING (CONT.)

TOOLING - POWER

Mfr. Part No.	Description	Stock No.	Price Each
● 09 99 000 0631	Locator Tool, FC	44J6645	67.89
● 09 99 000 0087	Removal Tool, crimp FC	73C4334	9.09
● 09 99 000 0174	Removal Tool for M	40K1723	245.82

HI-CON™ EUROCARD DIN CONNECTORS



RoHS Compliant Available

Male and female 2- and 3-row connectors permit high-density PC board packaging. Internateable to DIN 41612, V695324, B39525, and IEC 603-2 specifications. Compatible with VMEbus, STEbus, MULTibus II, CIMbus, and NUBus applications. Glass-filled polyester housings, rated UL94V-0. Current rating: 3-amp max. on board-mounted connectors; 1.5-amp max. on IDC connectors. Operating temperature: -55°C to +125°C. Meet DIN Level III performance unless otherwise indicated. Other performance versions are also available; go online or call.

STANDARD, MALE, STRAIGHT* AND ANGLED

Mfg. Part No.	DIN Type	Contacts	Number of Rows	Pin Style/Length	Stock No.	Price Each
● 100-064-033	B	64	2	WS/0.114"	88K2094	5.86
● 100-096-033	C	96	3	WS/0.114"	88K2095	8.00
● 100-096-053	C	96	3	WS/0.114"	88K2096	7.53
● 100-632-033	B/2	32	2	WS/0.114"	88K1306	3.91
● 100-964-053	C	64	3	WS/0.114"	88K2099	5.53
● 100-964-133*	C	64	3	WS/0.157"	88K2100	6.40

STANDARD, FEMALE, STRAIGHT AND ANGLED*

● 100-096-432	C	96	3	WS/0.157"	88K1305	11.98
● 100-964-452	C	96	3	WS/0.157"	88K2101	7.59
● 100-096-533*	C	96	3	WS/0.114"	88K2098	25.34
● 100-964-433	C	64	3	WS/0.114"	88K1307	7.56
● 100-096-452	C	64	3	WS/0.157"	88K2097	10.77

STANDARD, DIN ACCESSORIES, CONNECTOR HOUSING, SHELL

● 100-000-064	C	...	3	...	94F2884	18.69
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STANDARD, FEMALE IDC SOCKETS FOR 0.050" FLAT CABLE

● 120-064-435	B	64	2	IDC/...	88K2103	15.60
● 120-064-435F	B	64	2	IDC/...	88K1310	13.88
● 120-964-435	C	64	3	IDC/...	88K1311	17.15
● 120-964-435F	C	64	3	IDC/...	93K7632	16.73

0.050" PITCH FLAT CABLE FOR STANDARD, FEMALE, IDC SOCKETS

● 050F28V64CR	...	64	88K2075	221.87
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STANDARD, FEMALE, IDC SOCKET FOR 0.033" FLAT CABLE

● 120-096-435F	C	96	3	IDC/...	93K7631	34.80
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0.033" PITCH FLAT CABLE FOR STANDARD, FEMALE, IDC SOCKET

● 033F30V96CR	...	64	93K7612	371.67
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MALE HEADERS FOR 120 SERIES IDC FEMALE, STRAIGHT* AND ANGLED

120-964-033A	C	64	3	WS/0.114"	83F6905	15.76
120-964-133A*	C	64	3	WS/0.114"	36B8145	14.60

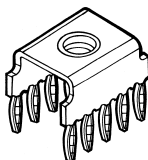
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POWER TAP CONNECTORS

RoHS Compliant Available

ITW Pancon

Designed to bring power to PC boards 3-32 and thicker. Allow wire board connections using common ring or fork terminals. Feature 6-32 threaded steel insert staked in place and 10 press fit pins (2 rows of 5). Maximum current carrying capacity: 40A at 600V. No special tools required for insertion into PC board. Phosphor bronze contact. Tin over nickel plating. Recommended PC hole size: 0.040".



Mfg. Part No.	Stock No.	Price Each
● PPT-632	33C0979	2.75

(68565)

DIN 41612 96-PIN OR 160-PIN CONNECTORS FOR EUROCARDS AND DIN SUBRACKS

RoHS Compliant Available

VECTOR ELECTRONICS & TECHNOLOGY, INC



RE96MWR

RE96FW

- DIN 41612
- 96-Pin and 160-Pin High density tested for 400 cycles

- Glass filled polyester (PBT)
- UL 94V-0

Two-piece system; right angle style male for card mount (P1 or P2) and straight style for rackmount or press-fit.

Mfg. Part No.	Contacts	Gender	Description	Stock No.	Price Each
● RE96FSR	96	Female	Right Angle, Solder Tail	94F9340	18.68
● RE96MSR-062	96	Male	Right Angle, Solder Tail (for 0.062" TH cards)	46F364	13.10
● RE96MSR-125	96	Male	Right Angle, Solder Tail (for 0.125" TH cards)	96F7017	14.07
● RE96FW	96	Female	Straight, Wire-Wrap	46F363	14.67
● RE96MW	96	Male	Straight, Wire-Wrap	94F9367	14.29
● RE96FSD	96	Female	Straight, Solder Tail	46F2738	16.22
● RE96FSP	96	Female	Straight, Press-Fit	27B9452	7.86
● RE96FWP	96	Female	Pressfit, Wire-Wrap	90H9855	16.18
● RE96FWR	96	Female	Right Angle, Wire-Wrap	50B8193	23.90
● RE96MWR	96	Male	Right Angle Wire-Wrap (for 0.062" cards)	87F1066	22.48
● RE160MSR	160	Male	Right Angle, Solder Tail (for 0.062" TH cards)	68K1376	17.71
● RE160FSP	160	Female	Straight Press-Fit, P1	68K1374	11.80
● RE160FWP	160	Female	Straight, Wire-Wrap, P2	68K1375	37.41

DIN ADAPTER PLATE

DIN adapter plates allow for DIN connector mounting directly onto a subrack without the need for a backplane. Sold in packs of 2, one pair is needed for each 3U section.

BACKPLANE MOUNTING HARDWARE

Mfg. Part No.	Description	Stock No.	Price Each
● AS1/2	Pair of 17" DIN connector plates	46F362	28.09

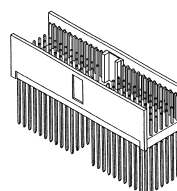
Use HD56 mounting hardware to mount any backplane to DIN subracks. Includes 12 each of M2.5 x 12MM screws, lockwashers and DIN 125 flat washers.

Mfg. Part No.	Stock No.	Price Each
● HD56	73C8873	7.49

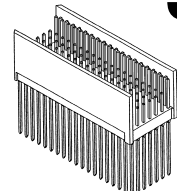
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COMPACT PCI® CONNECTORS

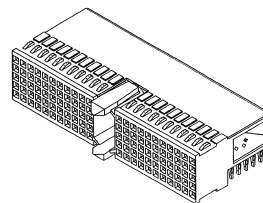
3M



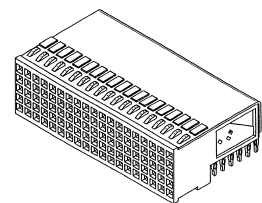
Style A Header



Style B Header



Style A Socket



Style B Socket

- Meets IEC 1076-4-101 and IEC 917 Specifications
- High-Density 2mm Pin and Socket System
- Consists of A and B Style Connectors
- 5 + 2 CPCI Headers (5-Row HM)
- Short and Feed-Thru Tails
- Hard Metric Design
- End-to-End Stackable
- Copper Alloy Contacts with Gold over Nickel Plating
- High-Temperature Polymer Insulator
- Dielectric Withstanding: 750Vrms
- Current Rating: 1A
- Temperature Range: -55°C to +125°C

Compact PCI is a combination of 3 well-accepted technologies: PCI local bus, Eurocart mechanics, pin and socket connectors. It's designed for high performance, industrial applications. Compact PCI connectors are classified as Hard Metric Connectors.

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PC BOARD HEADERS & SOCKETS

COMPACT PCI® CONNECTORS (CONT.)

CPCI HEADERS

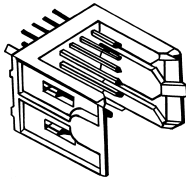
Mfg. Part No.	Body Style	Pins	Stock No.	Price Each	
				1-9	10-24
CP2-HB110-GE1-TG30	B	110	26H5190	4.82	
CP2-HA110-GE1-TG30	A	110	33C3521	5.33	

CPCI SOCKETS

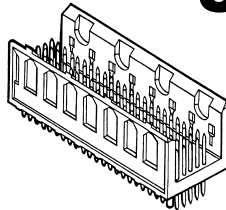
CP2-SA110-G1-TG30	A	110	95B8739	7.38	
CP2-SB110-G1-TG30	B	110	95B8741	7.65	

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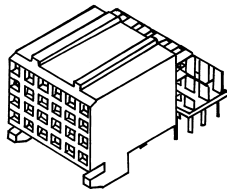
METPAK®2 HIGH-DENSITY, HIGH-PERFORMANCE 2mm INTERCONNECTS



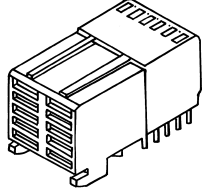
4-Row Header



5-Row Header



4-Row Socket



5-Row Power Socket

- METPAK®2: Metric Interconnect Packaging
- High-Density 2mm x 2mm Backplane Interconnect
- Futurebus + Compatible
- Modular System
- High-Temperature Plastic Insulators
- 4- and 5-Row Modules Available
- End-to-End Stackable
- Provides Design Flexibility
- Palladium Nickel and Gold Plating

- Telecordia Approved
- Conforms to Global Standards IEC 61076-4-001, IEC 917
- Dielectric Withstanding: 1500VAC
- Headers: Solder-Tail Termination (4.60mm long) and 5mm Mating Length
- Sockets: Solder-Tail Termination with Molded Press-Peg and 2.72mm Tail Length

2.00mm pitch provides very high pin diversity, resulting in greater PC board real estate savings. *More pins per inch* leaves more real estate for additional components, reducing overall system costs. Global data communications and telecommunications OEMs utilize the MP2 products as their standard backplane interconnection system. Additional users include producers of hardware in data storage, work station, server and test equipment applications.

POWER HEADERS—SOLDER TAIL

Mfg. Part No.	Positions	Rows	Stock No.	Price Each	
				1-9	10-24
MP2-HP08-41S1-TR30	8 (4x2)	4	95B8853	1.08	

POWER SOCKETS—PRESS PEG

MP2-SP08-41M1-TR30	8 (4x2)	4	95B8860	2.66	
MP2-SP10-51M1-TR30	10 (5x2)	5	95B8861	3.32	
MP2-SP10-51M1-TG30	10 (5x2)	5	33C9703	4.23	

STANDARD HEADER—SOLDER TAIL

MP2-H024-41S1-TR30	24 (4x6)	4	95B8855	1.65	
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STANDARD HEADERS—PRESS FIT, NEW PUSH-ON SHOULDER PIN

MP2-H024-41P1-S-TG30	24 (4x6)	4	33C3562	1.24	
MP2-H030-51P1-S-TG30	30 (5x6)	5	33C3563	1.40	

STANDARD SOCKET—SOLDER TAIL

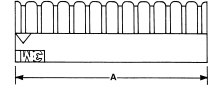
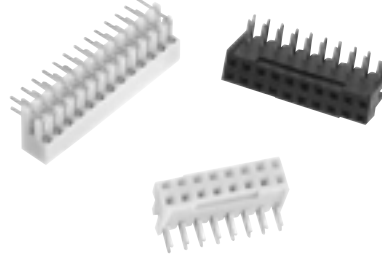
MP2-S024-41M1-TR30	24 (4x6)	4	95B8862	2.56	
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STANDARD SOCKETS—SOLDER TAIL, NEW PROTECTIVE PUSH CAP

MP2-S024-41M1-C-TG30	24 (4x6)	4	33C3564	1.51	
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2mm RIGHT-ANGLE PC BOARD MOUNT SOCKETS



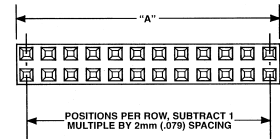
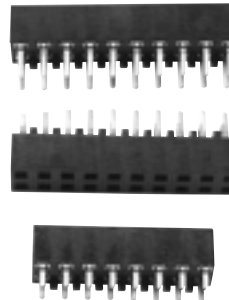
- 2 mm x 2 mm Grid Spacing
- Minimizes PC Board Space
- Mate with 2 mm Pin Strip Headers; *Order Separately on pages 652-653*
- High-Temperature Dielectric
- IR, Vapor and Wave Solder Compatible
- Used for PC Board Stacking Applications

Copper alloy contacts. Current rating: 1.5 A. Insulation resistance: $> 5 \times 10^9 \Omega$ at 250 VDC. Withstanding voltage: 500 VDC at sea level. Temperature range: -55°C to +105°C.

Mfg. Part No.	Contacts	Dim. A	Stock No.	Price Each	
				1-9	10-24
150210-5002-RB	10	0.389" (10.00)	93K6338	5.41	4.94
150220-5002-RB	20	0.782" (20.00)	93K6341	5.87	5.36
150230-5002-RB	30	1.176" (30.00)	93K6345	6.31	5.76
150240-5002-RB	40	1.570" (40.00)	93K6347	6.76	6.18
150244-5002-RB	44	1.727" (44.00)	93K6349	6.91	6.31
150250-5002-RB	50	1.964" (50.00)	93K6351	7.18	6.56

(68567)

PAK20 2mm VERTICAL PC BOARD MOUNT SOCKETS



- 2 mm x 2 mm Grid Spacing
- Mate with 2 mm Pin Strip Headers; *Order Separately on pages 652-653*
- High-Temperature Dielectric
- IR, Vapor and Wave Solder Compatible
- 0.100" Long Tails

Copper alloy contacts. Current rating: 1.5 A. Insulation resistance: $> 5 \times 10^9 \Omega$ at 250 VDC. Withstanding voltage: 500 VDC at sea level. Temperature range: -55°C to +105°C.

Mfg. Part No.	Contacts	Dim. A	Stock No.	Price Each	
				1-9	10-24
150208-6002-RB	8	0.310" (8.00)	93K6337	2.07	1.85
150210-6002-RB	10	0.389" (10.00)	93K6339	2.16	1.93
150212-6002-RB	12	0.467" (12.00)	93K6340	2.23	1.99
150220-6002-RB	20	0.782" (20.00)	93K6342	2.55	2.28
150224-6002-RB	24	0.940" (24.00)	93K6343	2.70	2.42
150226-6002-RB	26	1.019" (26.00)	93K6344	2.77	2.48
150230-6002-RB	30	1.176" (30.00)	93K6346	2.93	2.62
150240-6002-RB	40	1.570" (40.00)	93K6348	3.31	2.96
150244-6002-RB	44	1.727" (44.00)	93K6350	3.47	3.10
150250-6002-RB	50	1.964" (50.00)	93K6352	3.69	3.30
150260-6002-RB	60	2.357" (60.00)	93K6353	4.10	3.66

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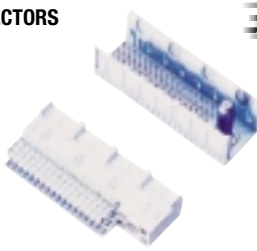
Keep up with environmental laws.

Learn about China RoHS, US/Canadian green laws and free RoHS compliance tools. Visit www.newark.com/rohs today.

PC BOARD HEADERS & SOCKETS

ATCA POWER CONNECTORS

- High conductivity precision-formed contacts
- Meets or exceeds PICMG® specs for zone 1 connector
- Housing lead-in on receptacle
- Machine-aligned PCB tails for true positioning



Just Added

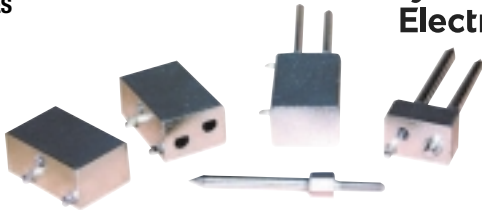
Designed to meet or exceed PICMG® (Advanced TCA) for zone 1 connector requirements. Has 4 levels of sequential mating to ensure proper system functionality during live insertion/removal. 30 positions. 30u" gold plated contacts rated 16A in each of 8 power contacts. Tin-plated PCB tails.

Mfg. Part No.	Description	Stock No.	Price Each	
			1-9	10-24
● 1766500-1	Right Angle Front Board, Tin Plated Tails	36M2650	67.05	59.60
● 1766500-2	Right Angle Front Board, Tin-Lead Plated Tails	43M0212	19.96	19.17
● 1-1469373-1	Vertical Back Plane, Tin Plated Tails	24K3837	4.53	4.02
● 3-1469372-7	Vertical Back Plane, Tin-Lead Plated Tails	43M0223	5.72	5.49

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ATCA GUIDE/KEYING MODULES

Just Added



Unique active guide modules double as alignment guide and power contact. Die cast zinc alloy with nickel finish.

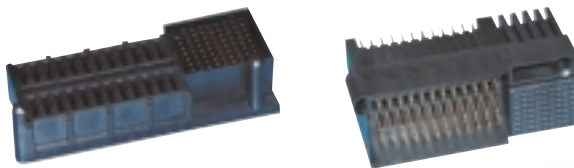
Mfg. Part No.	Description	Gender	Stock No.	Price Each	
				1-9	10-24
● 1-1469387-1	Vertical Backplane, Short Pin	Male	19K8624	4.53	4.02
● 1-1469388-1	Vertical Mid-Plane, Long Pin	Male	36M2648	5.00	4.44
● 1-1469373-1	Right Angle Front Board	Female	24K3837	4.53	4.02
● 3-1469372-7	Right Angle Rear Transition, Long Pin	Male	43M0223	5.72	5.49
● 3-1469387-7	Vertical Back Plane, Short Pin	Male	36M2652	4.53	4.02
● 3-1469388-7	Vertical Mid-Plane, Long Pin	Male	43M0224	3.72	3.72

(94370)

MICROTCA POWER/SIGNAL CONNECTORS



Just Added



Combine Elcon high performance Crown Band contact technology with high-density 4.5mm packaging to meet different output current and voltage requirements. Up to 65A per individual Crown Band contact. AC input side supports 125/250VAC voltage spacing.

- High current per linear inch
- Built-in alignment feature
- Shrouded insulator design
- Up to 65A per individual Crown Band contact

BACKPLANES

Mfg. Part No.	Description	Signal Contacts (Col. x Rows)	Power Contacts (Col. x Rows)	Stock No.	Price Each	
					1-9	10-24
● 1469920-1	Vertical Receptacle, Tin Lead Tails	72 (9x8)	24 (2x12)	43M0205	15.67	
● 1469920-2	Vertical Receptacle, Tin Tails	72 (9x8)	24 (2x12)	43M0206	15.67	

DAUGHTERCARDS

Mfg. Part No.	Description	Signal Contacts (Col. x Rows)	Power Contacts (Col. x Rows)	Stock No.	Price Each	
					1-9	10-24
● 1469921-1	Right Angle, Solder	72 (9x8)	24 (2x12)	43M0207	19.85	
● 1469922-2	Right Angle, Press Fit, Tin Lead Tails	72 (9x8)	24 (2x12)	43M0208	19.85	

(94378)

ELCON ICCON POWER CONNECTORS

Just Added

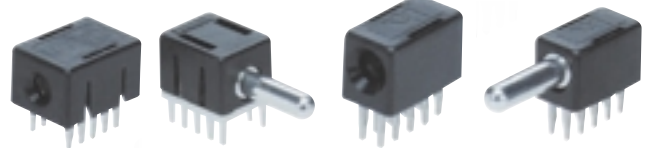


Fig. 1

Fig. 2

Fig. 3

Fig. 4

- Uses high-performance crown contact
- True compliant press-fit and solder tails
- Standard DIP footprint 0.300 x 0.100 and SLIMLINE ICCON connector 0.100 x 0.100
- Insulator rated at 105°C, UL 94V-0
- Meets US, Canadian and European safety regulator requirements

Provide a reliable high current power interconnection with quick connect/disconnect function for space constrained motherboard-daughterboard, cable-board and board-busbar power delivery applications. 35A current rating. Body material: beryllium copper. Body plating: gold over nickel. Contact material: brass. Contact finish: silver.

STANDARD DIP CONNECTORS (0.300 x 0.100" FOOTPRINT)

Mfg. Part No.	Fig.	Pin Length (in.)	Description	Stock No.	Price Each
● 6643281-1	1	0.47	R/A Plug	43M0228	4.43
● 6643232-1	2	...	R/A Receptacle	43M0227	3.15

SLIMLINE ICCON CONNECTORS (0.100 x 0.100" FOOTPRINT)

● 6643228-1	3	0.47	R/A Plug	43M0226	8.50
● 6643229-1	4	...	R/A Receptacle	16M4857	6.87

RIGHT-ANGLE POWER/GUIDE SOCKET ASSEMBLY

Order guide pins separately below.

Mfg. Part No.	No. of Pos.	Body Material	Stock No.	Price Each
● 1766664-1	2	Thermoplastic	43M0216	25.16

0.125" DIAMETER POWER GUIDE PINS

Mfg. Part No.	Screw Head Height (in.)	Screw Length (in.)	Thread Size	Stock No.	Price Each
● 1766663-1	0.63	0.37	M3	43M0214	5.22
● 1766663-2	0.71	0.37	M3	43M0215	5.44

(94379)

UNIVERSAL POWER MODULES

Just Added



- Contact finish: Gold over nickel

Mfg. Part No.	No. of Positions	Gender	Mounting Type	Contact Material	Stock No.	Price Each
● 1903977-1	4	Plug	Right-Angle PC Board	43M0217	43M0217	10.90
● 5-5223955-2	3	Receptacle	Vertical PC Board	43M0225	43M0225	3.96
● 120953-1	4	Receptacle	Vertical PC Board	43M0203	43M0203	5.26
● 120953-2	5	Receptacle	Vertical PC Board	43M0204	43M0204	5.52

(94380)

AMP HM-ZD ATCA CONNECTOR SYSTEM



Just Added

Pin Headers

FRONT BOARD POWER CONNECTORS

Mfg. Part No.	No. of Positions	Mounting Type	Stock No.	Price Each	
				1-9	10-24
● 1766500-1	30	Right Angle	36M2650	67.05	59.60
● 1766501-1	30	Vertical	36M2651	53.67	47.71

HIGH SPEED VERTICAL PIN HEADER CONNECTORS

Mfg. Part No.	No. of Positions	No. of Columns	Stock No.	Price Each	
				1-9	10-24
● 6469002-2	80	10	36M2654	13.53	12.02
● 6469074-1	80	10	42K8816	16.83	14.96
● 6469002-1	80	10	42K7649	13.59	13.05

HIGH SPEED RIGHT-ANGLE RECEPTACLE CONNECTORS

● 6469001-1	80	10	42K7648	20.07	19.27
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➤ CONTINUED ➤

PC BOARD HEADERS & SOCKETS

AMP HM-ZD ATCA CONNECTOR SYSTEM (CONT.)

ATCA GUIDE MODULES

Mfg. Part No.	No. of Positions	Mounting Type	Stock No.	Price Each	
				1-9	10-24
● 1-1469267-1	Male	Vertical	36M2646	4.14	3.68
● 1-1469372-1	Male	Right Angle	36M2647	5.18	4.60
● 1-1469373-1	Female	Right Angle	24K3837	4.53	4.02
● 1-1469388-1	Male	Vertical	36M2648	5.00	4.44
● 1469374-1	Female	Right Angle	36M2649	4.53	4.02
● 3-1469373-7	Female	Right Angle	80K8108	5.00	4.44
● 1-1469387-1	Male	Vertical	19K8624	4.53	4.02
● 3-1469387-7	Male	Vertical	36M2652	4.53	4.02
● 9-1469373-9	Female	Right Angle	78K5045	4.53	4.02

0.5MM FREE HEIGHT STACKING BOARD-TO-BOARD CONNECTORS

Mfg. Part No.	No. of Positions	Mounting Type	Stock No.	Price Each	
				1-9	10-24
● 3-1827231-6	440	Receptacle	34M1957	33.66	29.92
● 3-1827233-6	440	Plug	15M8205	46.35	41.20
● 3-5353652-6	440	Plug	89K2152	46.35	41.20
● 3-6318491-6	220	Plug	89K2151	22.68	20.16

1.0MM FREE HEIGHT STACKING BOARD-TO-BOARD CONNECTORS

Mfg. Part No.	No. of Positions	Mounting Type	Stock No.	Price Each	
				1-9	10-24
● 5146888-1	64	Plug	42K7027	6.91	6.14
● 5146893-1	64	Receptacle	42K7028	3.92	3.48
● 5146897-1	64	Plug	36M2653	4.44	3.94

(92297)

Z-PACK®HM-Zd PCB CONNECTOR



- High-speed differential connector system
- Serial switching applications from 3.125 to 10Gbps
- Compatible with IEC-61076-4-101

PCB STRAIGHT THRU-HOLE HEADERS

Mfg. Part No.	Number of Rows	Signal Pairs per Column	Stock No.	Price Each	
				1-9	10-24
● 6469025-1	4	2	42K7650	7.50	7.20
● 1469002-1	8	4*	88C9852	13.19	12.67

PCB RIGHT-ANGLE THRU-HOLE HEADER

● 1469048-1	8	4*	21J7303	46.99	45.13
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PCB RIGHT-ANGLE THRU-HOLE RECEPTACLES

● 6469028-1	4	2	42K7651	13.53	13.00
● 1469001-1	8	4*	89C0621	20.16	19.36

TOOLS

Mfg. Part No.	Description	Stock No.	Price Each
91350-1	Receptacle Insertion Tool—2-Pair	16H9479	316.20
91348-1	Header Insertion Tool—2-Pair	89C0947	123.29
91347-1	Receptacle Insertion Tool—4-Pair	16H9477	200.60
91349-1	Header Insertion Tool—4-Pair	16H9478	1139.00

* ATCA Connectors (79978)

Z-PACK 2MM HM PCB MOUNT CONNECTORS



- Contact pitch is 1.5mm within a pair and 3.0mm pair within a column; column to column pitch is 2.5mm
- Card Pitch is less than 0.8 in. for 2 pair headers and 1.0 in. for 4 pair header

Z-PACK HM is a high speed, differential connector system. Feature a highly reliable dual beam contact system with fully encompassing grounds dedicated to each differential pair. The Z-PACK HM footprint is optimized for both routability and system performance with the use of 1.5mm x 2.5mm row column grid, 5 and 8 rows. Available in two versions.

VERTICAL FIXED BOARD PLUG CONNECTORS, ACTION PIN POSTS, SIGNAL

Mfg. Part No.	Conn. Type	Total Contacts	Signal Contacts	Guide	Gender	Number of Rows	Stock No.	Price Each	
								1-9	10-24
● 5100159-1	C	55	55	End	Male	5	42K6967	3.47	
● 106081-1	C	77	55	End	Male	5+2	33B4572	6.20	

➤ CONTINUED ➤

Z-PACK 2MM HM PCB MOUNT CONNECTORS (CONT.)

Mfg. Part No.	Conn. Type	Total Contacts	Signal Contacts	Guide	Gender	Number of Rows	Stock No.	Price Each	
								1-9	10-24
● 5646457-1	F	88	88	End	Male	8	42K7333	7.51	
● 5646514-1	F	88	88	End	Male	8	73K1682	9.89	
● 5646515-1	F	88	88	End	Male	8+2	73K1683	12.63	
● 5646513-1	F	88	88	End	Male	8+2	42K8775	6.83	
● 106164-1	A	110	110	Center w/Keying	Male	5	23C6195	9.09	
● 100143-1	A	110	110	Center w/Keying	Male	5	33B3935	6.30	
● 106165-1	B	125	125	None	Male	5	10H7368	11.30	
● 100141-1	B	125	125	None	Male	5	33B3934	7.11	
● 5100668-1	A	154	110	Center w/Keying	Male	5+2	42K6969	7.26	
● 188835-1	B	154	125	None	Male	5+2	33B5539	7.26	
● 5106510-1	B	175	125	None	Male	5+2	42K6991	16.14	
● 100669-1	B	175	125	None	Male	5+2	33B3944	9.92	
● 5646372-1	D	176	176	Center w/Keying	Male	8	73K1680	23.47	
● 646347-1	E	200	200	None	Male	8	16H2995	20.01	
● 646373-1	E	200	200	None	Male	8	16H3005	40.62	
● 5646356-1	E	220	200	None	Male	8+2	42K7326	20.23	
● 5646376-1	E	250	200	None	Male	8+2	73K1681	55.73	

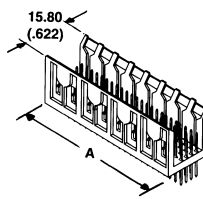
RIGHT ANGLE FREE BOARD RECEPTACLE CONNECTORS, ACTION PIN POSTS, SIGNAL

● 100161-1	C	55	55	End	Female	5	33B3938	4.50	
● 5352115-1	C	55	55	End	Female	5	42K7145	11.40	
● 646492-1	F	88	88	End	Female	8	16H3067	18.95	
● 646446-1	F	88	88	End	Female	8	34B1287	8.59	
● 5352009-1	B	95	125	None	Female	5	42K7139	13.48	
● 5352068-1	A	110	110	Center w/Keying	Female	5	42K7141	10.35	
● 5646489-1	AB	110	110	None	Female	5	42K7336	21.19	
● 188836-1	B	110	125	None	Female	5	12H0719	13.98	
● 5352152-1	B	110	125	None	Female	5	42K7148	8.87	
● 5352069-1	B	125	125	None	Female	5	42K7143	9.89	
● 646486-1	D	176	176	Center w/Keying	Female	8	16H3062	25.66	
● 646442-1	D	176	176	Center w/Keying	Female	8	34B1285	17.17	
● 5646445-1	E	200	200	None	Female	8	42K7331	18.40	
● 646487-1	F	200	200	None	Female	8	85C0221	28.52	

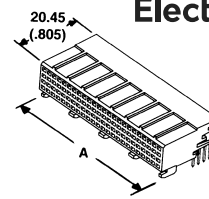
VERTICAL FIXED BOARD PLUG CONNECTORS, SIGNAL

● 5188834-1	B	154	125	None	Male	5	42K7064	7.26	
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Z-PACK 2mm FB (FUTUREBUS+) CONNECTORS



Signal Module, Vertical Pin



Signal Module, Angle Receptacle

Two-piece module connector system for signal high-density connections; 4 and 5 rows, 2mm x 2mm (50.80 x 50.80) circuit grid. Complies with Futurebus+, EIA IS 64 and IEC1076-4-0X(48B) specifications. Liquid crystal polymer housing. Choice of solder or solderless, compliant press-fit leads, both duplex plated gold flash over palladium-nickel mating surface, tin-lead on solder lead with nickel underlayer. Vertical pin assemblies feature phosphor bronze contacts. Right-angle receptacle assemblies feature copper alloy 18C contacts. Signal modules are end-to-end stackable. Current rating at 70°C in air: signal/3A power contacts.

VERTICAL PIN ASSEMBLIES (FIXED-BOARD) SIGNAL MODULES, SOLDER LEADS

Mfg. Part No.	Positions	Dim. A (in.)	Stock No.	Price Each		
				1-9	10-24	25-49
● 5336501-2	48	0.94	42K7276	4.69	3.93	3.39
● 5336501-4	192	3.78	73K1673	19.32	16.20	13.96

VERTICAL PIN ASSEMBLIES (FIXED-BOARD HEADERS) SIGNAL MODULES, 4 ROW, TABLED MATING & LEAD LENGTHS

● 5336501-7	168	3.30	73K1674	20.00	16.77	14.45
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VERTICAL PIN ASSEMBLIES (FIXED-BOARD HEADERS) SIGNAL MODULES, 5 ROW SOLDER LEADS

● 5223000-4	120	1.89	73K1642	20.28	17.01	14.65
● 5223000-8	240	3.78	73K1643	23.22	19.48	16.78

➤ CONTINUED ➤

PC BOARD HEADERS & SOCKETS

Z-PACK 2mm FB (FUTUREBUS+) CONNECTORS (CONT.)

VERTICAL PIN ASSEMBLIES (FIXED-BOARD HEADERS)
SIGNAL MODULES, 5 ROW PRESS FIT LEADS

Mfg. Part No.	Positions	Dim. A (In.)	Stock No.	Price Each		
				1-9	10-24	25-49
● 5223002-1	30	0.47	73K1644	3.66	3.07	2.65
● 5223002-2	60	0.94	73K1645	7.94	6.66	5.74
● 5223002-3	90	1.40	73K1646	9.58	8.04	6.93
● 5223002-4	120	1.89	73K1647	13.86	11.63	10.02
● 223002-8	240	3.78	12H6727	40.40	33.88	29.19
● 5223016-1	30	0.47	73K1654	3.66	3.07	2.65
● 5223016-2	60	0.94	73K1655	7.60	6.37	5.49
● 5223016-4	120	1.40	73K1656	23.19	19.45	16.76
● 5223016-8	240	3.78	73K1657	23.19	19.45	16.76

POWER MODULES

Mfg. Part No.	Positions	Lead Style	Stock No.	Price Each		
				1-9	10-24	25-49
● 5536600-1	8	Solder	42K7293	3.76	3.15	2.71
● 536603-1	8	Press Fit	97F8617	4.41	3.70	3.18
● 536606-1	8	Press Fit	97F8618	5.03	4.22	3.63
● 5536642-1	10	Press Fit	42K8729	3.76	3.15	2.71

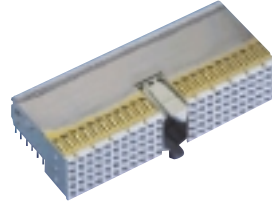
(8010)

8071 SERIES 2.00mm HARD METRIC RIGHT-ANGLE FEMALE COMPACT PCI RECEPTACLES



- Designed for Gastight Press-Fit Installation
- Daughter Card Applications

Hard metric right-angle receptacles feature 95 to 125 signal contacts on 2mm centers. Available with or without an upper ground return shield. Signal contacts are plated gold over palladium/nickel in contact area, solder in press-fit area and nickel undercoat. Approved for positions J1-J5 of CompactPCI specification (daughter card). Contact resistance: 20M-ohm rated at 1A. Operating temperature: -55° to 125°. Built in accordance with IEC 1076-4-101, UL E53664. Lower shield versions available; go online or call.



27807110012833

Mfg. Part No.	Contacts	Style	Upper Shield	Stock No.	Price Each
					1-4
● 278071095010833	95	B19	Yes	04M4716	5.47
● 278071110000833	110	B22	No	17C0509	6.23
● 278071110010833	110	B22	Yes	92B1867	6.78
● 278071110002833	110	A25	No	04M4717	5.43
● 278071110012833	110	A25	Yes	04M4718	5.60
● 278071125010833	125	B25	Yes	04M4719	6.44

(72718)

AMPMODU® SYSTEM 50 HEADERS AND RECEPTACLES

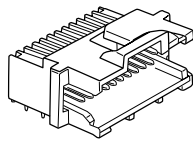


Fig. 1

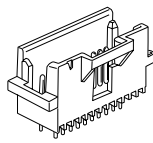


Fig. 2

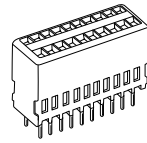


Fig. 3

- Thru-Hole Mount
- Single and Dual Row
- 0.100" (2.54mm) Termination Post Length
- 0.100" (2.54mm) Centerline

Black thermoplastic housing flammability rated UL94V-0. Phosphor bronze contacts plated gold 30µ" in mating area. Tin-lead plating in contact termination area.

SHROUDED RIGHT-ANGLE HEADERS WITH PC BOARD RETENTION - FIG. 1

Mfg. Part No.	Positions	Rows	Stock No.	Price Each
				1-24
● 5-104074-1	10	1	52K3690	3.21
● 5-104074-4	20	1	52K3693	8.06
● 5-104074-6	30	1	16M3946	9.70
● 5-104069-1	20	2	52K3684	5.62
● 6-104069-2	24	2	52K3785	5.87
● 5-104069-5	30	2	52K4429	8.29
● 5-104069-6	40	2	52K4430	15.17
● 5-104069-2	50	2	52K4427	19.48
● 5-104069-7	60	2	16M3944	23.39
● 5-104069-3	80	2	52K4428	30.46
● 6-104069-7	100	2	13M4689	38.87

▶ CONTINUED ▶

AMPMODU® SYSTEM 50 HEADERS AND RECEPTACLES (CONT.)

SHROUDED VERTICAL HEADERS - FIG. 2

Mfg. Part No.	Positions	Rows	Stock No.	Price Each
				1-24
● 5-104071-1	10	1	52K3685	2.43
● 5-104071-4	20	1	52K3687	4.89
● 5-104071-6	30	1	16M3945	9.31
● 6-104068-0	16	2	16M4053	3.84
● 5-104068-1	20	2	52K4422	6.75
● 6-104068-1	24	2	52K3782	5.48
● 5-104068-3	30	2	52K4423	10.44
● 5-104068-4	40	2	52K4424	10.29
● 5-104068-5	50	2	52K4425	17.72
● 5-104068-6	60	2	52K4426	20.18
● 6-104068-8	68	2	52K3784	23.58
● 6-104068-6	80	2	52K4453	20.18
● 6-104068-7	100	2	52K4454	30.81

RIGHT-ANGLE HEADER

● 6-104186-1	20	1	16M4056	4.27
● 5-104118-3	10	2	16M3950	1.76
● 5-104118-7	20	2	16M3951	3.48
● 6-104118-2	40	2	16M4054	7.12
● 5-104118-1	50	2	16M3949	8.45

VERTICAL HEADER WITH PC RETENTION

● 5-103916-2	20	2	52K3683	3.68
● 5-103916-9	30	2	16M3940	6.42

VERTICAL HEADER

● 5-104178-6	10	1	16M3952	1.88
● 6-103916-1	40	2	16M4051	5.63
● 6-103916-3	50	2	16M4052	7.24

RIGHT-ANGLE RECEPTACLES WITH PC RETENTION

● 5-103911-1	10	2	16M3935	3.09
● 5-103911-2	20	2	16M3936	9.00
● 5-103911-7	30	2	16M3939	9.39
● 5-103911-5	40	2	16M3938	12.48

RIGHT-ANGLE RECEPTACLE

● 5-104196-2	10	1	16M3954	3.64
● 5-104196-5	20	1	16M3955	7.24

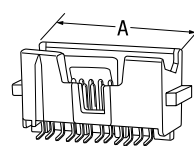
VERTICAL RECEPTACLE - FIG. 3

● 5-104078-3	10	2	16M3948	2.86
● 5-104078-1	20	2	52K4431	5.75
● 5-104078-4	30	2	52K4432	7.55
● 5-104078-2	40	2	52K3694	11.54
● 5-104078-5	50	2	52K3695	14.43
● 5-104078-6	60	2	52K4433	16.47
● 5-104078-8	100	2	52K4434	16.96

(75481)

AMPMODU® SYSTEM 50 SURFACE MOUNT

- PC Board Surface Mount Style
- Vertical Mount
- Dual Row
- Shrouded Header
- 0.100" (2.54mm) Centerline



Black, glass-filled thermoplastic housing, flammability rated UL94V-0. Phosphor bronze contacts plated 30µ" in mating area. Tin-lead plating in termination area. Copper alloy hold-down post plated tin-lead over nickel.

Mfg. Part No.	Positions	Dim. A Inches (mm)	Stock No.	Price Each
				1-9
104549-2	20	0.630 (16.00)	66F1546	5.90
● 5-104549-6	40	1.130 (28.70)	16M3957	8.77
104549-7	50	1.380 (35.05)	66F1538	10.52

(75482)

Online today. On your desk tomorrow.

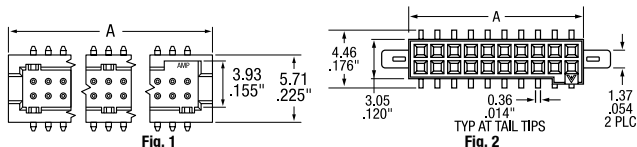
- Best products, great value.
- No minimum order fees, no hassles.

Visit us online today.

(84640)

PC BOARD HEADERS & SOCKETS

AMPMODU® SYSTEM 50 SURFACE MOUNT CONNECTORS



Vertical dual-row, surface mount headers and receptacles feature black glass-filled thermoplastic housing, rated UL94V-0. Headers have phosphor bronze contacts, receptacles have beryllium copper contacts, both are duplex gold-plated in mating area.

VERTICAL DUAL-ROW HEADERS, 0.250" (6.35) MATED HEIGHT — FIG. 1

Mfg. Part No.	Contacts	Dim. "A" (Inches)	Stock No.	Price Each	
				1-24	25-99
● 5-104655-3	20	0.622	52K3703	6.63	5.95
● 5-104655-4	30	0.772	52K3704	7.92	7.11

VERTICAL DUAL-ROW HEADERS, 0.320" (8.13) MATED HEIGHT — FIG. 1

● 5-104656-2	20	0.622	52K3706	6.50	5.83
● 5-104656-3	30	0.772	16M3966	7.72	6.94
● 5-104656-4	40	1.322	16M3967	9.73	8.73
● 6-104656-0	100	2.622	52K3791	14.18	12.74

VERTICAL DUAL-ROW HEADERS, 0.390" (9.91) MATED HEIGHT — FIG. 1

● 5-104693-2	20	0.622	52K3708	6.50	5.83
● 5-104693-3	30	0.772	52K3709	8.08	7.25
● 5-104693-5	50	1.372	52K4442	10.28	9.23
● 6-104693-0	100	2.522	52K3792	21.26	19.09

VERTICAL DUAL-ROW HEADERS, VARIABLE MATED HEIGHT*

● 5-104549-2	20	0.630	52K4435	4.20	3.77
● 5-104549-5	30	0.880	52K4436	5.50	4.93
● 5-104549-6	40	1.130	16M3957	8.77	8.45
● 5-104549-7	50	1.380	52K4437	10.34	9.28
● 6-104549-0	100	2.630	52K3789	20.68	18.56

VERTICAL DUAL-ROW RECEPTACLES — FIG. 2

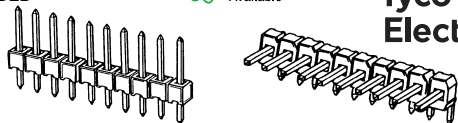
● 5-104652-2	20	0.516	52K4438	5.62	5.05
● 5-104652-3	30	0.766	52K3700	7.01	6.30
● 5-104652-4	40	1.016	52K4439	9.47	8.50
● 5-104652-5	50	1.266	52K4440	11.60	10.42
● 5-104652-7	70	1.766	52K4441	13.67	12.27
● 6-104652-0	100	2.516	52K3790	17.09	15.35

VERTICAL DUAL-ROW RECEPTACLES (NOT SHOWN)

● 5-104550-2	20	0.544	16M3958	4.98	4.47
● 5-104550-5	40	1.044	16M3960	10.02	8.99
● 5-104550-6	50	1.294	16M3961	12.50	11.23

* Mated height depends on header/receptacle combination. (75483)

BREAKAWAY HEADERS – UNSHROUDED



- Full-stick headers break to any size needed
- Unshrouded vertical and right-angle versions available
- 40-positions single row and 80-positions double row configuration
- Copper alloy, drawn wire 0.025" (0.635) square posts
- Choice of 3 platings on contact area: 30µ" gold, 15µ" gold or tin-lead

All feature a flame-retardant, black thermoplastic housing, 94V-0 rated. All posts feature tin-lead on solder area with nickel underlayer. Post lengths include 0.230" (5.84) and 0.318" (8.08) for connector mating; 0.110" (2.79), 0.120" (3.05) and 0.125" (3.18) for PC board soldering 3.984" (0.156) long, pitch spacing: 0.100" (2.54 mm)

RIGHT ANGLE MOUNT

Mfg. Part No.	Contacts	Plating	Post Length (mm)	Stock No.	Price Each			
					1-9	10-99	100-499	500-999
● 9-146305-0	40	Gold	2.79	16M3465	4.37	3.92	3.23	2.56
● 9-103765-0	40	Gold	2.29	02M8721	2.66	2.38	1.96	1.56
● 9-146304-0	40	Gold	2.79	16M3464	4.36	3.90	3.22	2.55
● 9-103759-0	40	Tin-Lead	3.05	16M3457	2.95	2.64	2.18	1.73
● 4-103323-1	40	Tin Over Nickel	2.79	52K4397	1.91	1.71	1.41	1.12
● 9-103801-0	80	Gold	2.29	16M3458	4.07	3.64	3.01	2.38
● 9-146308-0	80	Gold	3.05	16M1173	7.68	6.87	5.67	4.49
● 9-146309-0	80	Gold	2.79	16M3466	7.88	7.06	5.82	4.61

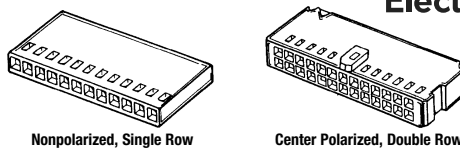
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BREAKAWAY HEADERS – UNSHROUDED (CONT.)

VERTICAL MOUNT

Mfg. Part No.	Contacts	Plating	Post Length (mm)	Stock No.	Price Each			
					1-9	10-99	100-499	500-999
● 9-146281-0	40	Gold	2.29	16M3461	2.80	2.51	2.07	1.64
● 9-146278-0	40	Tin	2.29	87K2251	2.12	1.90	1.56	1.24
● 9-146285-0	40	Gold	2.29	16M3463	2.63	2.35	1.94	1.54
● 9-146277-0	40	Gold	3.05	68K0764	2.82	2.53	2.09	1.65
● 4-103327-9	40	Tin Over Nickel	3.05	81H3969	1.56	1.40	1.15	0.91
● 9-146282-0	40	Tin-Lead	2.29	16M3462	2.08	1.86	1.54	1.22
● 4-103321-8	40	Tin Over Nickel	3.18	52K4395	1.54	1.38	1.14	0.90
● 9-146256-0	80	Gold	3.05	87K2250	2.29	2.07	1.90	1.76
● 9-146256-0	80	Gold	3.05	87K2250	2.29	2.07	1.90	1.76
● 9-146257-0	80	Gold	3.05	58K8697	4.48	4.01	3.31	2.62
● 9-146261-0	80	Gold	2.29	16M3460	4.31	3.86	3.19	2.52
● 9-146253-0	80	Gold	3.18	68K0769	4.54	4.07	3.36	2.66
● 9-146256-0	80	Gold	3.05	87K2250	2.29	2.07	1.90	1.76
● 4-103328-5	80	Tin Over Nickel	3.05	52K4398	2.49	2.23	1.84	1.46
● 4-103322-2	80	Tin Over Nickel	3.18	52K4396	2.29	2.05	1.69	1.34

MOD. IV WIRE-APPLIED HOUSINGS



Single and double row housings of flame-retardant black thermoplastic, 0.100" (2.54) centers. Accept crimp snap-in contacts, ordered separately on pages 637-638. Center polarized versions mate with AMP-LATCH® universal ejection headers, ordered separately on page 679.

SINGLE ROW NONPOLARIZED HOUSINGS

Mfg. Part No.	Positions	Width	Stock No.	Price Each
				1-49
● 87499-3	2	0.205"	90F7735	1.09
● 87499-5	3	0.305"	90F7736	0.86
● 87499-7	4	0.405"	90F7737	0.62
● 87499-9	5	0.505"	90F7738	0.50
● 1-87499-1	6	0.605"	90F7739	0.62
● 87499-1	7	0.705"	83F4540	0.91
● 1-87499-3	8	0.805"	90F7740	0.70
● 1-87499-5	9	0.905"	90F4895	1.00
● 1-87499-7	10	1.005"	90F4896	0.79
● 1-87499-9	11	1.105"	33B3908	2.57
● 2-87499-1	12	1.205"	90F4897	0.91
● 2-87499-3	13	1.305"	90F4898	1.57
● 2-87499-5	14	1.405"	90F4899	1.13
● 2-87499-7	15	1.505"	33B6803	1.46
● 2-87499-9	16	1.605"	90F4900	1.23
● 3-87499-4	18	1.805"	33B8142	1.34
● 3-87499-7	20	2.005"	90F4901	1.46
● 5-87499-8	30	3.005"	33B9382	2.57

SINGLE ROW POLARIZED HOUSINGS WITH DETENT LATCHING

● 102241-1	3	0.300"	90F4910	0.36
● 102241-2	4	0.400"	90F4911	0.38
● 102241-3	5	0.500"	90F4912	0.42
● 102241-4	6	0.600"	90F4869	0.46
● 102241-5	7	0.700"	90F4870	0.70
● 102241-6	8	0.800"	90F4871	0.54
● 102241-8	10	1.000"	90F4873	0.93
● 1-102241-0	12	1.200"	90F4874	1.05
● 1-102241-2	14	1.400"	90F4875	0.95
● 1-102241-4	16	1.600"	90F4876	1.15
● 1-102241-6	18	1.800"	90F4877	1.69
● 1-102241-8	20	2.000"	90F4121	1.45
● 2-102241-8	30	3.000"	26K6097	2.12

DOUBLE ROW NONPOLARIZED HOUSINGS

● 5-87456-0	4	0.200"	90F4123	1.69
● 87456-2	6	0.300"	90F4124	1.41
● 87456-4	8	0.400"	90F4125	1.46
● 87456-6	10	0.505"	90F4126	1.31
● 87456-8	12	0.600"	90F4127	1.98
● 1-87456-0	14	0.700"	90F4128	1.65
● 1-87456-2	16	0.800"	90F4129	1.87

▶ CONTINUED ▶

PC BOARD HEADERS & SOCKETS

MOD. IV WIRE-APPLIED HOUSINGS (CONT.)

DOUBLE ROW NONPOLARIZED HOUSINGS

Mfg. Part No.	Positions	Width	Stock No.	Price Each
				1-49
● 1-87456-4	18	0.900"	90F4946	3.08
● 1-87456-6	20	1.000"	90F4947	1.80
● 1-87456-7	22	1.100"	33B3898	2.09
● 2-87456-0	24	1.200"	90F4948	3.32
● 2-87456-2	26	1.300"	90F4949	2.44
● 2-87456-4	28	1.400"	90F4950	2.09
● 2-87456-6	30	1.500"	90F4951	1.88
● 3-87456-0	34	1.700"	90F4952	3.23
● 3-87456-6	40	2.000"	90F4953	3.67
● 4-87456-0	50	2.500"	90F4937	4.42
● 5-87456-2	60	3.000"	90F4938	5.71

DOUBLE ROW POLARIZED HOUSINGS WITH DETENT LATCHING

● 87631-2	6	0.300"	90F4382	1.18
● 87631-4	8	0.400"	90F4383	1.56
● 87631-6	10	0.500"	90F4384	1.50
● 87631-8	12	0.600"	90F4367	1.49
● 87631-7	12	0.600"	90F4363	1.69
● 1-87631-0	14	0.700"	90F4368	1.80
● 1-87631-2	16	0.800"	90F4369	1.99
● 1-87631-6	20	1.000"	90F4371	2.32
● 2-87631-0	24	1.200"	90F4372	3.26
● 2-87631-1	26	1.300"	90F4351	3.08
● 2-87631-6	30	1.500"	92F1079	2.61
● 3-87631-0	34	1.700"	90F4375	3.34
● 3-87631-6	40	2.000"	90F4358	3.18
● 5-87631-2	60	3.000"	33B9383	4.40

DOUBLE ROW CENTER POLARIZED HOUSINGS

● 102387-1	10	0.680"	90F4757	1.40
● 102387-3	16	0.980"	90F4759	1.71
● 102387-4	20	1.180"	90F4760	1.97
● 102387-6	26	1.480"	90F4536	2.17
● 102387-7	30	1.680"	98F6315	3.55
● 102387-8	34	1.880"	90F4537	2.73
● 102387-9	40	2.180"	90F4538	3.01
● 1-102387-1	60	3.180"	90F4540	5.25

DOUBLE ROW POLARIZED HOUSINGS

● 87977-1	6	0.300"	34B2495	1.34
● 87977-2	8	0.400"	34B2496	1.56
● 87977-3	10	0.500"	34B2497	1.66
● 87977-4	12	0.600"	34B2498	1.39
● 87977-5	14	0.700"	19H8418	1.64
● 87977-6	16	0.800"	19H8419	2.53
● 87977-8	20	1.000"	16H8675	2.51
● 4-87977-0	30	1.500"	17H9007	2.54
● 1-87977-8	40	2.000"	25C7438	4.03
● 2-87977-1	50	2.500"	17H3291	6.65

DOUBLE ROW POLARIZED HOUSINGS

● 104422-1	16	0.800"	33B4415	1.95
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DOUBLE ROW POLARIZED HOUSINGS WITH DETENT LATCHING AND STRAIN RELIEF

● 87922-3	14	0.700"	90F4764	3.01
● 87922-4	16	0.800"	90F4765	3.85
● 87733-1	20	1.000"	90F4767	4.43

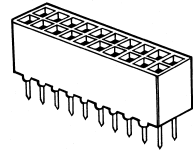
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MOD. II AND MOD. IV PC BOARD RECEPTACLES



- 2 Rows
- 0.100" Centers
- Black Flame-Retardant Housing
- Rated UL94V-0
- UL Recognized, CSA Certified

Vertical mount PC board receptacle assemblies, double row. Phosphor bronze contacts plated 30µ" gold on contact area, tin on solder area with full nickel underplate.



MOD. II SINGLE ROW, CLOSED TOP ENTRY

Mfg. Part No.	Positions	Stock No.	Price Each			
			1-24	25-99	100-499	500-999
● 5-534206-1	2	16M3162	0.78	0.72	0.50	0.44
● 5-534206-2	4	16M3163	0.99	0.92	0.63	0.56
● 5-534206-3	6	52K3740	1.15	1.06	0.73	0.65
● 5-534206-4	8	52K3741	1.36	1.26	0.87	0.77
● 5-534206-5	10	52K3742	1.60	1.48	1.02	0.90
● 5-534206-6	12	52K3743	1.76	1.63	1.13	0.99
● 6-534206-0	20	52K4455	2.61	2.41	1.67	1.47
● 6-534206-2	24	52K4456	2.98	2.76	1.91	1.68
● 6-534206-3	26	57K9755	3.22	2.98	2.06	1.82
● 6-534206-4	28	52K3793	3.41	3.15	2.18	1.92
● 6-534206-5	30	52K3794	3.62	3.35	2.32	2.04
● 6-534206-6	32	52K3795	3.78	3.50	2.42	2.13
● 6-534206-7	34	52K4457	3.97	3.67	2.54	2.24
● 6-534206-8	36	16M3396	4.29	3.96	2.74	2.42
● 6-534206-9	38	16M3397	4.50	4.16	2.88	2.54
● 7-534206-5	50	52K4541	5.46	5.05	3.49	3.08
● 8-534206-0	60	52K4545	5.59	5.17	3.57	3.15
● 8-534206-2	64	52K3940	7.00	6.47	4.48	3.95

MOD. IV SINGLE ROW, CLOSED TOP ENTRY, LOW PROFILE

● 5-535541-1	3	16M3166	0.78	0.72	0.50	0.44
● 5-535541-2	4	16M3167	0.83	0.77	0.53	0.47
● 5-535541-3	5	16M3168	0.94	0.86	0.60	0.53
● 5-535541-5	7	16M3170	1.09	1.01	0.70	0.62
● 5-535541-6	8	16M1175	1.20	1.11	0.77	0.68
● 5-535541-7	9	16M3171	1.31	1.21	0.84	0.74
● 5-535541-8	10	52K3751	1.41	1.31	0.91	0.80
● 6-535541-2	14	52K3806	1.73	1.60	1.11	0.98
● 6-535541-4	16	16M1981	1.97	1.82	1.26	1.11
● 6-535541-6	18	16M3400	2.24	2.07	1.43	1.26
● 6-535541-8	20	52K3807	2.42	2.24	1.55	1.37

MOD. IV DUAL ROW, CLOSED TOP ENTRY, LOW PROFILE

● 5-534998-6	12	16M3165	1.71	1.58	1.09	0.96
● 6-534998-7	14	52K3804	3.99	3.69	2.55	2.25
● 5-534998-8	16	52K3750	2.11	1.95	1.35	1.19
● 6-534998-0	20	52K3799	2.42	2.24	1.55	1.37
● 6-534998-2	24	52K3800	2.90	2.69	1.86	1.64
● 6-534998-4	28	52K3802	3.30	3.05	2.11	1.86
● 6-534998-5	30	52K3803	3.54	3.28	2.27	2.00
● 6-534998-6	32	16M3398	3.81	3.52	2.44	2.15
● 6-534998-8	36	16M3399	4.21	3.89	2.69	2.37
● 7-534998-0	40	52K4542	4.66	4.31	2.98	2.63
● 7-534998-5	50	52K3927	5.70	5.27	3.64	3.21
● 8-534998-0	60	52K3941	6.61	6.11	4.22	3.73

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WORLD

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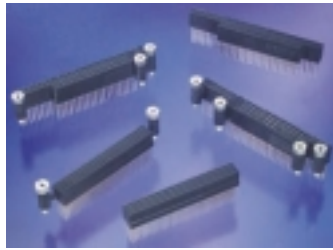
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PC BOARD HEADERS & SOCKETS

AMPMODU PC/104 CONNECTORS



- Press fit design eliminates hand soldering
- Unitized PC/104 connector assembly eliminates two piece (64-pin and 40-pin) configuration
- Integral board spacers with captive hardware
- Flat-rock insertable

PC/104 and PC/104 Plus series connectors eliminates need for two pieces and with optional standoffs, minimizes system assembly time. Nominal resistance: 10 milliohms. Dielectric withstanding voltage: 500VAC for 1 min. at sea level. Temperature: -55°C to 105°C. Housing material: Black thermoplastic, UL 94V-0.

PC/104—0.100" CENTERLINE

Mfg. Part No.	Connector	Contacts	Standoffs	Pin Length (mm)	Stock No.	Price Each	
						1-9	10-24
● 1375793-1	Stackthrough	102	2	12.27	11H3140	14.19	12.90
● 1375793-2	Stackthrough	104	2	12.27	11H3141	14.19	12.91
● 1375791-1	Stackthrough	102	4	12.27	11H3136	16.26	14.77
● 1375791-2	Stackthrough	104	4	12.27	11H3137	16.26	14.78
● 1375796-3	Stackthrough	102	None	3.02	16M2713	12.32	11.39
● 1375795-1	Stackthrough	102	None	12.27	92C3718	11.75	10.68
● 1375796-4	Stackthrough	104	None	3.02	16M2714	12.32	11.39
● 1375795-2	Stackthrough	104	None	12.27	84C8887	11.75	10.68
● 1375794-3	Non-Stackthrough	102	2	3.02	16M2711	15.27	14.12
● 1375794-4	Non-Stackthrough	104	2	3.02	16M2712	15.27	14.12
● 1375792-3	Non-Stackthrough	102	4	3.02	16M2709	17.69	16.36
● 1375792-4	Non-Stackthrough	104	4	3.02	16M2710	17.69	16.36

PC/104 PLUS — 0.079" CENTERLINE

● 1375797-3	Stackthrough	119	2	12.27	26K9290	16.13	14.65
● 1375798-5	Stackthrough	119	2	2.84	73K1608	16.20	14.99
● 1375797-1	Stackthrough	120	2	12.27	11H3146	15.29	13.89
● 1375799-3	Stackthrough	119	None	12.53	26K9293	12.79	11.64
● 1375800-5	Stackthrough	119	None	2.84	73K1610	13.36	12.35
● 1375799-1	Stackthrough	120	None	12.53	81C9684	12.80	11.64
● 1375798-6	Non-Stackthrough	119	2	2.84	73K1609	16.20	14.99
● 1375800-6	Non-Stackthrough	119	None	2.84	73K1611	13.36	12.35

ACCESSORIES

Mfg. Part No.	Connector	Contacts	For Use With	Stock No.	Price per Pkg.	
					1-24	25-49
● 1445251-1	Organizer	104	PC/104 connector	11H4543	2.46	2.23
● 1375801-1	Shroud	120	PC/104-plus connector	11H3149	1.93	1.76

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AMPMODU® LEVEL V IDC CRIMP HOUSINGS AND COVERS

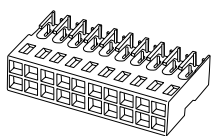


Fig. 1

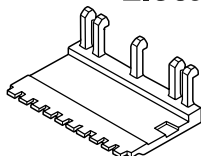


Fig. 2

- Termination of Discrete Wire Sizes 26-22 AWG (0.12 - 0.3mm²)
- Termination of Jacketed Cable and Bonded Ribbon Cable (Conductors Separated)
- Stackable End-to-End and Side-to-Side on 0.125" (3.18) Centers
- Preloaded with Insulation Displacement Receptacle Contacts
- High Conductivity Copper Alloy Contacts are Duplex Plated
- Snap-on Hermaphroditic Cover

AMPMODU® Level V IDC connectors provide cost-effective discrete wire connections compatible with today's telecommunication packaging techniques. Designed to mate with 0.025 (0.64) square posts on 0.125 x 0.125 (3.18 x 3.18) centers. Comprised of double-row, black, thermoplastic housings preloaded with MT type insulation displacement receptacle contacts. These phosphor bronze contacts are nickel plated with 30µ" gold in mating area, tin-lead in termination area. For modular flexibility, connectors can be stacked end-to-end or side-to-side, maintaining a 0.125 x 0.125 (3.18 x 3.18) centerline spacing. Standard profile covers, ordered separately below, are constructed of black, flame-retardant thermoplastic. Cover simply snaps onto housing after the connector has been terminated. Current rating: 3A. Termination resistance: 12 milliohms (max.) UL recognized, CSA certified.

22-26 AWG HOUSINGS WITH STANDARD CONTACTS — FIG. 1

Mfg. Part No.	Positions	Width (in.)	Stock No.	Price Each	
				1-9	10-24
● 5-102398-1	6	0.3	16M3110	2.63	2.53
● 5-102398-2	8	0.4	52K3668	3.32	3.21

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AMPMODU® LEVEL V IDC CRIMP HOUSINGS AND COVERS (CONT.)

Mfg. Part No.	Positions	Width (in.)	Stock No.	Price Each	
				1-9	10-24
● 5-102398-3	10	0.5	52K3669	3.66	3.53
● 5-102398-4	12	0.6	16M3111	4.33	4.17
● 5-102398-5	14	0.7	52K3670	4.91	4.74
● 5-102398-6	16	0.8	52K4420	5.14	4.95
● 5-102398-7	18	0.9	52K4421	5.17	4.98
● 5-102398-8	20	1.0	52K3671	6.37	6.14
● 6-102398-0	24	1.2	16M3383	8.65	8.34
● 6-102398-5	34	1.7	16M3384	12.17	11.73
● 6-102398-8	40	2.0	52K3780	10.72	10.33
● 7-102398-3	50	2.5	16M3418	12.89	12.43
● 7-102398-8	60	3.0	16M3419	15.32	14.77
● 8-102398-0	64	3.2	16M3436	22.99	22.17

STANDARD PROFILE COVERS — FIG. 2

● 102396-1	6	0.3	10H6192	1.14	1.10
● 102396-2	8	0.4	10H6193	1.34	1.30
● 102396-3	10	0.5	22C6468	0.72	0.70
● 102396-4	12	0.6	90B2472	1.70	1.64
● 102396-5	14	0.7	10H6194	2.74	2.65
● 102396-6	16	0.8	92B1076	0.89	0.86
● 102396-8	20	1.0	22C6467	2.01	1.94
● 1-102396-0	24	1.2	09H2483	2.17	2.09
● 1-102396-5	34	1.7	09H2487	1.33	1.28
● 1-102396-8	40	2.0	09H2488	1.56	1.51
● 2-102396-3	50	2.5	89C1322	2.61	2.52
● 3-102396-0	64	3.2	12H8985	1.55	1.49

KEYING PLUG

Mfg. Part No.	Stock No.	Price Each	
		1-49	50-99
● 86286-1	50F498	0.21	0.19

(75480)

CRIMP SNAP-IN MOD. IV PIN AND RECEPTACLE CONTACTS



Pin

Receptacle

Mfg. part no. 90202-02 CERTI-CRIMP® hand tool, listed in table below, ordered separately. 32-27 AWG contacts and crimp tool available; go online or call.

CRIMP SNAP-IN PINS WITH INSULATION SUPPORT

Mfg. Part No.	AWG	Contact Material*	Plating	Length	Hand Tool	Stock No.	Price Each	
							1-49	50-99
● 102107-2	26-22	PhBz	Gold Flash over Nickel	0.815"	90418-1	90F3868	0.42	0.39
● 5-102107-3	26-22	PhBz	Tin over Nickel	0.815"	90418-1	16M3109	0.19	0.18
● 166679-1	26-22	PhBz	Gold Flash	...	...	50B491	0.57	0.53
● 102095-2	26-22	PhBz	Gold 8µ"	...	...	33B3948	0.24	0.23

CRIMP SNAP-IN RECEPTACLE CONTACTS

● 5-103171-5	26-22	PhBz	Gold	0.445"	...	52K3682	0.31	0.29
● 2-87523-4	24-20	PhBz	Gold	0.470"	...	52K3486	0.30	0.27
● 6-87523-9	24-20	PhBz	Gold	0.470"	...	52K3816	0.31	0.29
● 6-87756-6	26-22	PhBz	Gold	0.445"	...	52K3818	0.27	0.25
● 6-87756-8	26-22	PhBz	Gold	0.445"	...	52K3820	0.31	0.29

HIGH PRESSURE RECEPTACLE CONTACTS

● 1-87309-3	24-20	PhBz	Tin over Nickel	0.470"	90202-2	90F3790	0.23	0.22
● 1-87309-4	24-20	PhBz	Gold Flash over Nickel	0.470"	90202-2	90F3791	0.40	0.36
● 87309-8	24-20	PhBz	Gold Flash	...	...	90F4135	0.12	0.11
● 102128-2	26-22	PhBz	Tin over Nickel	0.455"	90418-1	90F4137	0.23	0.22
● 102128-1	26-22	PhBz	Gold Flash over Nickel	0.455"	90418-1	90F4138	0.38	0.35
● 87809-1	26-22	PhBz	Gold Flash over Nickel	...	...	22C9410	0.27	0.24
● 87809-2	26-22	PhBz	Gold Flash	...	...	90F4133	0.12	0.11
● 103455-2	32-27	PhBz	Gold Flash over Nickel	...	...	92F1077	0.57	0.52
● 103455-1	32-27	PhBz	Gold Flash over Nickel	...	...	97B4604	0.28	0.26

INTERMEDIATE PRESSURE RECEPTACLE CONTACTS

● 87046-4	24-20	BeCu	Tin over Nickel	0.470"	90202-2	90F4130	0.36	0.33
● 87046-3	24-20	BeCu	Gold Flash over Nickel	0.470"	90202-2	90F4132	0.48	0.45

▶ CONTINUED ▶

PC BOARD HEADERS & SOCKETS

CRIMP SNAP-IN MOD. IV PIN AND RECEPTACLE CONTACTS (CONT.)

INTERMEDIATE PRESSURE RECEPTACLE CONTACTS

Mfg. Part No.	AWG	Contact Material*	Plating	Length	Hand Tool	Stock No.	Price Each	
							1-49	50-99
● 87046-1	24-20	BeCu	Gold 15µ"	...	...	90F4131	0.40	0.37
● 86492-9	24-20	BeCu	Gold Flash	...	...	90F5055	0.27	0.25
● 102548-6	26-22	BeCu	Gold Flash over Nickel	0.455"	90418-1	92F1076	0.47	0.44
● 102548-5	26-22	BeCu	Gold Flash over Nickel	...	...	10H6237	0.30	0.28
● 102548-1	26-22	BeCu	Gold 15µ"	...	...	90F5053	0.31	0.28
● 102918-1	32-27	BeCu	Gold Flash over Nickel	...	...	90F5676	0.29	0.27

STANDARD PRESSURE RECEPTACLE CONTACTS

● 87523-6	24-20	CuSn-PhBz	Tin over Nickel	0.470"	90202-2	90F5670	0.18	0.17
● 86016-2	24-20	BeCu	Gold Flash over Nickel	0.470"	90202-2	90F5675	0.42	0.39
● 85969-8	24-20	BeCu	Gold Flash over Nickel	...	...	34B2398	0.40	0.37
● 87523-5	24-20	CuSn-PhBz	Gold Flash	...	...	90F6258	0.18	0.16
● 87756-7	26-22	CuSn-PhBz	Tin over Nickel	0.455"	90418-1	90F5084	0.24	0.22
● 87667-3	26-22	BeCu	Tin over Nickel	0.455"	90418-1	90F5668	0.30	0.28
● 87667-2	26-22	BeCu	Gold Flash over Nickel	0.455"	90418-1	90F7741	0.41	0.38
● 280530-1	26-22	PhBz	Gold 15µ"	...	...	12H8085	0.26	0.24
● 87666-5	26-22	BeCu	Gold 15µ"	...	...	34B2492	0.34	0.31
● 87756-6	26-22	CuSn-PhBz	Gold Flash	...	...	90F3571	0.18	0.16
● 87666-3	26-22	BeCu	Gold Flash	...	...	90F6256	0.23	0.21
● 102917-1	32-27	BeCu	Gold Flash over Nickel	...	...	85C5016	0.32	0.30

*Contact Material: PhBz = Copper-Tin-Phosphor Bronze, BeCu = Beryllium Copper.

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
			1-49
● 87165-1	Locking Clip, 26-22 AWG	93F7006	0.49

(8079)

AMPMODU® MTE RECEPTACLE AND PIN ASSEMBLIES (CONT.)

PIN HOUSING, GUIDE RIBS— SINGLE ROW

Mfg. Part No.	Pos.	Pitch Spacing (Inches)	Stock No.	Price Each
				1-49
● 104503-4	5	0.1	55C4551	1.53
● 104503-5	6	0.1	10H6827	1.65

SOCKET CONTACTS - PACKAGE OF 100

Mfg. Part No.	AWG	Contact Finish	Stock No.	Price Each
				1-9
104479-5	24-20	Tin-Lead Over Nickel	66F6253	89.61
104479-6	24-20	Gold	66F6252	71.49
● 1-104480-5	26-22	Gold	69K7691	112.81
● 1-104480-6*	26-22	Gold	69K7692	127.89
104481-6	32-28	Tin-Lead Over Nickel	66F6247	45.68
104481-7	32-28	Gold	66F6246	71.49

SOCKET CONTACTS - SOLD INDIVIDUALLY

Mfg. Part No.	AWG	Contact Finish	Stock No.	Price Each
				1-24
● 1-104480-4	26-22	Tin Over Nickel	52K3243	0.09
● 1-104480-3*	26-22	Gold	52K3242	0.10

PIN CONTACTS - SOLD INDIVIDUALLY

Mfg. Part No.	AWG	Contact Finish	Stock No.	Price Each
				1-24
● 104505-9	26-22	Tin-Lead Over Nickel	52K3415	0.24
● 1-104505-1	26-22	Gold Over Nickel	52K3250	0.48
● 1-104505-3	26-22	Gold	31K8284	0.52
● 5-104506-7	32-28	Gold Over Nickel	84K8427	0.47

TOOLS/ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
843477-1	Extraction/lance Reset Tool	52F5154	15.75
91551-1	Straight Action Crimp Head*	86H3775	551.57
● 104072-1	Receptacle Keying Plug	66F3005	1.05

* For use with Certi-Crimp hand tools and mfg. part no. 1583527-1 straight action adapter, order separately on page 990 (84553)

3

AMPMODU® MTE RECEPTACLE AND PIN ASSEMBLIES



- Plain, Guide Rib, or Polarized/Latching Header Assemblies
- Single Row 0.100" (2.54) Centers
- Black Thermoplastic Housing
- Rated UL94V-0

Unloaded housings accept snap-in wire crimp contacts order separately, below. * Sold individually.

RECEPTACLE HOUSING, PLAIN— SINGLE ROW

Mfg. Part No.	Pos.	Pitch Spacing (Inches)	Stock No.	Price Each
				1-49
● 103688-1	2	0.1	92F1174	0.28
● 103688-2	3	0.1	92F1175	0.36
● 103688-3	4	0.1	92F1176	0.41
● 103688-4	5	0.1	92F1177	0.20
● 103688-5	6	0.1	92F1178	0.69

RECEPTACLE HOUSING, POLARIZED/LATCHING— SINGLE ROW

● 104257-1	2	0.1	92F1226	0.23
● 104257-2	3	0.1	92F1227	0.29
● 104257-3	4	0.1	92F1228	0.33
● 104257-4	5	0.1	92F1211	0.36
● 104257-5	6	0.1	95F1891	0.39

STRIP FORM RECEPTACLE ASSEMBLY, POLARIZED LATCHING— SINGLE ROW

● 1-103957-2	2	0.1	52K3230	0.50
● 1-103957-4	4	0.1	52K3232	0.79
● 1-103957-5	5	0.1	52K3233	0.96

RECEPTACLE HOUSING, GUIDE RIBS— SINGLE ROW

● 103648-1	2	0.1	01C2200	0.56
● 103648-2	3	0.1	01C2411	0.35
● 103648-3	4	0.1	27C3421	0.40
● 103648-4	5	0.1	84C9749	0.63
● 103648-5	6	0.1	25C6554	0.61

PIN HOUSING, SHROUDED, POLARIZED/LATCHING— SINGLE ROW

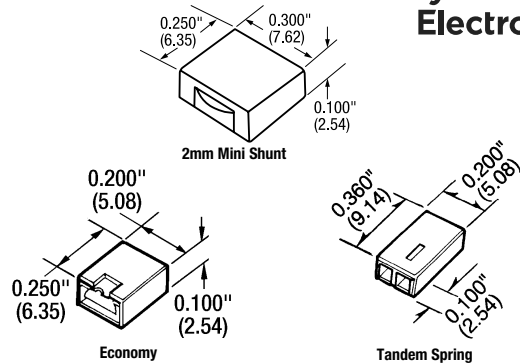
● 103653-1	2	0.1	98F9724	0.46
● 103653-2	3	0.1	92F1218	0.47
● 103653-3	4	0.1	92F1219	0.59
● 103653-4	5	0.1	92F1264	0.52
● 103653-5	6	0.1	92F1265	0.50

PIN HOUSING, GUIDE RIBS— SINGLE ROW

● 104503-1	2	0.1	10H6825	0.89
● 104503-2	3	0.1	10H6826	1.51
● 104503-3	4	0.1	81C9135	1.71

➔ CONTINUED ➔

2-POSITION POST SHUNTS



- Stackable on 0.100" or 0.200" Centers
- Current Rating: 3 A Max.
- Dielectric Withstanding Voltage: 1000 VAC Min.

- Black Housing, Rated UL 94V-0
- UL Recognized, CSA Certified

1-piece contact construction with high normal forces. Mate any common pairs of 0.025" square or round posts, or 0.22" x 0.026" formed posts. Sold in strips of 10.

ECONOMY — 0.100" (2.54) CENTERLINE

Mfg. Part No.	Plating	Stock No.	Price Each
			1-49
● 382811-6	15µ" Gold	91C5937	0.16
● 382811-8	30µ" Gold	52F5498	0.15
● 2-382811-1	Tin Over Nickel	52K3458	0.18
● 1-382811-6	15µ" Gold	09H9320	0.62
● 382811-2	15µ" Gold	33B8307	0.65
● 382811-9	15µ" Gold	93B5496	0.26

DUAL-BEAM — 0.100" (2.54) CENTERLINE

● 390088-2	15µ" Gold	48F5782	0.25
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TANDEM SPRING — FOR 0.175" SHORT POSTS

● 530153-2	30µ" Gold	90F1808	1.16
● 4-530153-1	Tin Over Nickel	52K4402	1.12

STANDARD HOUSING — 0.200" (5.08) CENTERLINE

● 531230-2	15µ" Gold	91C5951	0.71
● 531230-3	30µ" Gold	50F2410	0.82
● 531230-4	Tin Over Nickel	52K3773	0.68

➔ CONTINUED ➔

PC BOARD HEADERS & SOCKETS

2-POSITION POST SHUNTS (CONT.)

2mm MINI SHUNTS — 0.079" (2.00) CENTERLINE

Mfg. Part No.	Plating	Stock No.	Price Each
			1-49
● 382575-2	15µ" Gold	85C4987	0.38

HANDLE — 0.100" (2.54) CENTERLINE

● 881545-2	30µ" Gold	26H2523	0.18
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(7894)

MTA-50 IDC CONNECTORS AND HEADERS



- Color-coded receptacle housings
- Terminate 26, 28 and 30 AWG discrete wire or 0.050" (1.27mm) centerline ribbon cable
- Maximum cable insulation diameter: 0.039" (0.99mm)
- Connector kits include receptacle and strain relief cover
- Insulation displacement contacts (IDC) are pre-loaded in receptacle housings
- Wire feed-thru capability for daisy-chain wiring or closed end for point-to-point wiring



The MTA-50 IDC connector system is a wire-to-printed circuit board system with contacts in a staggered, single row on 0.050" (1.27) centerline. Insulation displacement contacts are used to terminate a wide range of conductor sizes. Ribbon cable can also be terminated when the appropriate receptacle assembly and strain relief cover are used. Header and receptacle housings are UL 94V-2 rated, thermoplastic. Headers have brass contacts. Receptacles have phosphor bronze contacts. Both are tin plated in mating area. 30 VAC, 1 A contact rating.

CLOSED END DISCRETE WIRE CONNECTOR KITS

Mfg. Part No.	Circuits	Width (in.)	AWG	Stock No.	Price Each
					1-24
● 1445350-2	2	0.182	26	18M3691	0.48
● 1445350-4	4	0.282	26	19K4465	0.55
● 1445353-5	5	0.332	28	18M3693	0.87
● 1445350-6	6	0.382	26	18M3692	1.00
● 1-1445350-0	10	0.582	26	17M3415	1.80
● 1-1445353-2	12	0.682	28	17M3416	2.30

FEED THRU RIBBON CABLE CONNECTOR KITS

● 1445362-2	2	0.182	28	18M9773	0.48
● 1445359-3	3	0.232	26	18M3694	0.61
● 1445359-5	5	0.332	26	26M8324	0.87
● 1445362-6	6	0.382	28	19K4471	0.76
● 1-1445362-0	10	0.582	28	19K4458	0.81
● 1-1445359-2	12	0.682	26	17M3417	2.30

VERTICAL PCB THRU HOLE MOUNT HEADER

Mfg. Part No.	Circuits	Width (in.)	Stock No.	Price Each
				1-24
● 1-1445120-0	10	0.650	17M3413	1.20

RIGHT ANGLE PCB THRU HOLE MOUNT HEADERS

● 1445169-4	4	0.350	17M3433	0.53
● 1445169-5	5	0.400	17M3434	0.58

VERTICAL SURFACE MOUNT HEADERS

● 1445121-6	6	0.450	17M3432	1.52
● 1-1445121-2	12	0.750	17M3414	2.27

RIGHT ANGLE SURFACE MOUNT HEADERS

● 1445172-2	2	0.250	17M9373	0.85
● 1445172-3	3	0.300	17M9374	1.01

(83952)

Best products, great value.

NO MINIMUM ORDER FEES

We offer the broadest in-stock selection. Visit us online or call us today.

(94650)

AMP 1.5MM MINI-COMMON TERMINATION (CT) CONNECTOR SYSTEM



Just Added



- Contact material and finish: Phosphor bronze, tin plated
- Housing material: UL94V-0 rated, nylon 6

MINI (CT) RECEPTACLE HOUSING

Mfg. Part No.	No. of Pos.	Width (mm)	Stock No.	Price Each	
				1-9	10-24
● 353908-3	3	6.0	31M7006	0.48	0.45
● 353908-4	4	7.5	62H0481	0.43	0.41

MINI CT RIGHT-ANGLE POST HEADER ASSEMBLIES

● 292206-3	3	7.0	39M4080	0.22	0.20
● 292206-4	4	8.5	28M4641	0.23	0.21

MINI CT VERTICAL POST HEADER ASSEMBLIES

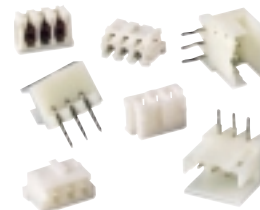
● 292207-3	3	7.0	39M4081	0.23	0.22
● 292207-4	4	8.5	39M4082	0.25	0.23

MINI CT CONTACTS

Mfg. Part No.	Wire Diameter (mm)	Wire Size (AWG)	Stock No.	Price Each	
				1-9	10-24
● 353907-1	0.88 - 1.00	28-24	73H3370	0.04	0.04

(93050)

2MM COMMON TERMINATION (CT)



Mass termination post headers available in vertical and right-angle configurations. Feature tin-lead plated posts. Receptacle housings accept tin-plated brass crimp contacts; *order separately below*. Housings constructed of 66 nylon, rated UL94V-0. Color: natural. Other contact positions available; *go online or call*

VERTICAL AND RIGHT-ANGLE POST HEADERS

Mfg. Part No.	No. of Positions	Stock No.	Price Each
			1-9
● 292161-3	3 Vertical	31K8549	0.28
● 292161-4	4 Vertical	19K5981	0.30
● 292253-3	3 Right-Angle	31K8550	0.15
● 292253-4	4 Right-Angle	72J8064	0.33

RECEPTACLE HOUSINGS

Mfg. Part No.	No. of Positions	Stock No.	Price Each
			1-9
● 179228-3	3	94C2919	0.12
● 179228-4	4	01H1299	0.14

CRIMP CONTACTS — 22-26 AWG

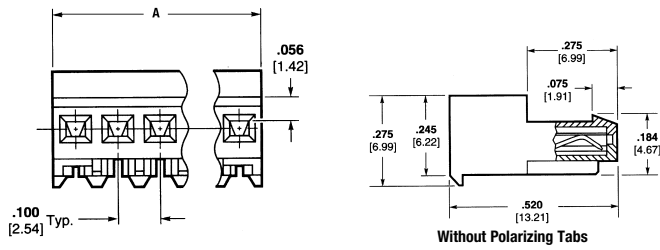
Mfg. Part No.	Stock No.	Price Each
		1-9
● 179227-1	94C2924	0.04

(74249)

PC BOARD HEADERS & SOCKETS

MTA 0.100" (2.45) IDC RECEPTACLES

- Locking ramp
- 90° cable exit angle
- Phosphor bronze contacts
- Nylon housing, flammability rated UL94V-2
- Voltage rating: 250VAC



Perfect for power supplies and gaming applications. UL recognized, file no. E28476; CSA certified, file no. LR7189.

CLOSED-END WITH LOCK AND WITHOUT POLARIZING TABS, TIN-PLATED

Circuits	Dim. A	Mfg. Part No.	AWG	Stock No.	Price Each		Mfg. Part No.	AWG	Stock No.	Price Each	
					1-24	1-49				1-49	
2	0.200"	● 3-640440-2	22 Red	52K4337	0.14	● 3-640441-2	24 White	52K4343	0.14		
3	0.300"	● 3-640440-3		52K4338	0.17	● 3-640441-3		52K4344	0.17		
4	0.400"	● 3-640440-4		45J3195	0.28	● 3-640441-4		52K4345	0.17		
5	0.500"	● 3-640440-5		52K4339	0.27	● 3-640441-5		52K4346	0.35		
6	0.600"	● 3-640440-6		52K4340	0.32	● 3-640441-6		52K4347	0.38		
7	0.700"	● 3-640440-7		52K4341	0.39	● 3-640441-7		26K2161	0.43		
8	0.800"	● 3-640440-8		52K4342	0.40	● 3-640441-8		52K4348	0.50		
9	0.900"	● 3-640440-9		52K3546	0.63	● 3-640441-9		52K3547	1.67		
10	1.000"	● 4-640440-0		52K4403	0.63	● 4-640441-0		52K4405	0.63		
12	1.200"	● 4-640440-2		52K4404	0.81	● 4-640441-2		16M3043	0.81		
14	1.400"	● 4-640440-4		52K3652	2.60	● 4-640441-4		52K3656	2.60		
2	0.200"	● 3-640442-2		52K4349	0.14	● 3-640443-2		52K4355	0.14		
3	0.300"	● 3-640442-3		52K4350	0.17	● 3-640443-3		52K4356	0.17		
4	0.400"	● 3-640442-4		52K4351	0.25	● 3-640443-4		52K4357	0.28		
5	0.500"	● 3-640442-5	52K4352	0.35	● 3-640443-5	52K4358	0.34				
6	0.600"	● 3-640442-6	52K4353	0.34	● 3-640443-6	52K4359	0.37				
7	0.700"	● 3-640442-7	16M2910	0.43	...	...	...	
8	0.800"	● 3-640442-8	52K4354	0.44	● 3-640443-8	87K2226	0.49				

CLOSED-END WITH LOCK AND POLARIZING TABS, TIN-PLATED

2	0.200"	● 3-643813-2	22 Red	52K3585	0.14	● 3-643814-2	24 White	52K4372	0.14
3	0.300"	...		...	...	● 3-643814-3		52K3587	0.17
4	0.400"	● 3-643813-4		81H0854	0.28	● 3-643814-4		52K4373	0.28
5	0.500"	● 3-643813-5		52K4369	0.35	● 3-643814-5		52K4374	0.35
6	0.600"	● 3-643813-6		52K3586	0.79	● 3-643814-6		52K4375	0.38
7	0.700"	● 3-643813-7		52K4370	0.44	● 3-643814-7		16M2930	0.44
8	0.800"	● 3-643813-8		52K4371	0.50	● 3-643814-8		87K2228	0.49
10	1.000"	● 4-643813-0		52K4406	0.63	● 4-643814-0		87K2236	0.62
12	1.200"	● 4-643813-2		52K4407	0.79	● 4-643814-2		16M3050	0.79
15	1.500"	● 4-643813-5		16M3049	1.30	● 4-643814-5		16M3051	1.32
2	0.200"	● 3-643815-2		16M2931	0.14	● 3-643816-2		57K1454	0.14
3	0.300"	● 3-643815-3		79K4558	0.17	● 3-643816-3		16M2935	0.17
4	0.400"	● 3-643815-4	52K4376	0.28	● 3-643816-4	16M2936	0.28		
5	0.500"	● 3-643815-5	52K4377	0.35	● 3-643816-5	16M2937	0.35		
6	0.600"	● 3-643815-6	16M2932	0.38	● 3-643816-6	52K3588	0.37		
7	0.700"	● 3-643815-7	16M2933	0.44	● 3-643816-7	07M7425	0.44		
8	0.800"	● 3-643815-8	16M2934	0.49	● 3-643816-8	16M2938	0.50		
10	1.000"	● 4-643815-0	12M6388	0.62	● 4-643816-0	16M3054	0.63		
12	1.200"	● 4-643815-2	16M3052	0.79	● 4-643816-2	16M3055	0.81		
15	1.500"	● 4-643815-5	16M3053	1.32	● 4-643816-5	12M6218	1.29		

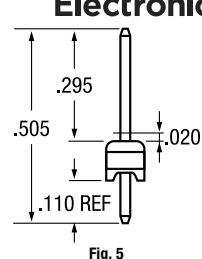
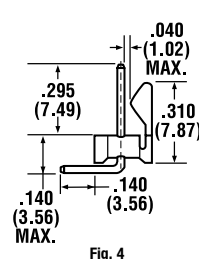
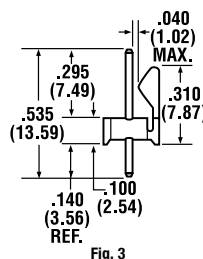
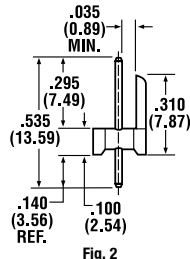
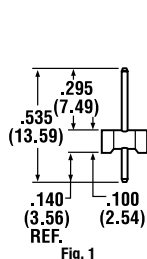
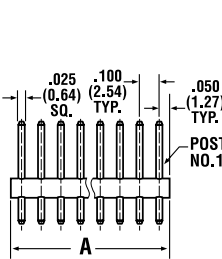
FEED-THRU WITH LOCK AND POLARIZING TABS, TIN-PLATED

2	0.200"	● 3-644540-2	22 Red	16M2999	0.24	● 3-644563-2	24 White	16M3005	0.23
3	0.300"	● 3-644540-3		16M3000	0.26	● 3-644563-3		16M3006	0.24
4	0.400"	● 3-644540-4		87K2232	0.28	● 3-644563-4		16M3007	0.28
5	0.500"	● 3-644540-5		16M3001	0.35	● 3-644563-5		16M3008	0.35
6	0.600"	● 3-644540-6		16M3002	0.38	● 3-644563-6		16M3009	0.38
7	0.700"	● 3-644540-7		16M3003	0.44	● 3-644563-7		16M3010	0.44
8	0.800"	● 3-644540-8		16M3004	0.49	● 3-644563-8		16M3011	0.50
10	1.000"	● 4-644540-0		16M3082	0.62	● 4-644563-0		16M3085	0.63
12	1.200"	● 4-644540-2		16M3083	0.79	● 4-644563-2		16M3086	0.81
2	0.200"	● 3-644564-2		88K1637	0.24	● 3-644565-2		16M3014	0.23
3	0.300"	● 3-644564-3		16M3012	0.26	● 3-644565-3		16M3015	0.26
4	0.400"	● 3-644564-4		14M8506	0.28	● 3-644565-4		12M6185	0.28
5	0.500"	● 3-644564-5	05M6215	0.35	● 3-644565-5	16M3016	0.35		
6	0.600"	● 3-644564-6	16M3013	0.38	● 3-644565-6	12M6184	0.38		
7	0.700"	● 3-644564-7	14M8509	0.44	● 3-644565-7	16M3017	0.44		
8	0.800"	● 3-644564-8	87K0160	0.49	● 3-644565-8	16M3018	0.50		

(32987)

PC BOARD HEADERS & SOCKETS

MTA 0.100" (2.54) POST HEADERS



- PC Board Mount
- Polyester Housing, Flammability Rated UL94V-0

- Tin Plated Contact Mating Area
- Voltage Rating: 250VAC

Perfect for power supplies and gaming applications.

SQUARE POST HEADERS — 0.64" (0.025) POST SIZE, 0.140" (3.56) TERMINATION POST

Circuits	Dim. A	Straight — Flat Headers, Fig. 1			Straight — Polarized Headers, Fig. 2			Right Angle — Polarized Headers		
		Mfg. Part No.	Stock No.	Price Each	Mfg. Part No.	Stock No.	Price Each	Mfg. Part No.	Stock No.	Price Each
2	0.2 (5.08)	640452-2	51F1397	0.22	640454-2	90F4274	0.12	640455-2	98F1853	0.12
3	0.3 (7.62)	640452-3	90F4270	0.20	640454-3	90F4275	0.06	640455-3	34B937	0.14
4	0.4 (10.16)	640452-4	51F1398	0.30	640454-4	90F4276	0.19	640455-4	51F3876	0.22
5	0.5 (12.7)	640452-5	51F1399	0.58	640454-5	90F4277	0.22	640455-5	90F4284	0.19
6	0.6 (15.24)	640452-6	51F1400	0.80	640454-6	90F4278	0.21	640455-6	51F3877	0.29
7	0.7 (17.78)	...	...	...	640454-7	90F4279	0.25	640455-7	90F4285	0.27
8	0.8 (20.32)	640452-8	51F1543	1.08	640454-8	90F4280	0.29	640455-8	07H9276	0.36
9	0.9 (22.86)	...	...	...	640454-9	66F1594	1.07	640455-9	18H8772	1.06
10	1.0 (25.40)	1-640452-0	51F1582	0.65	1-640454-0	90F4281	0.36	1-640455-0	34C3611	0.43
11	1.1 (27.94)	...	...	...	1-640454-1	48F1932	1.30	1-640455-1	10H1616	1.52
12	1.2 (30.48)	...	...	...	...	...	...	1-640455-2	33B3658	0.66
13	1.3 (33.02)	...	...	...	1-640454-3	48F1933	1.89	1-640455-3	10H1617	1.93
14	1.4 (35.56)	...	...	...	1-640454-4	10H1613	1.39	1-640455-4	10H1618	1.64
15	1.5 (38.1)	...	...	...	1-640454-5	52F2930	2.59	1-640455-5	10H1619	2.59

SQUARE POST HEADERS WITH FRICTION LOCK — 0.64" (0.025) POST SIZE, 0.140" (3.56) TERMINATION POST

Circuits	Dim. A	Straight, Fig. 3			Right Angle, Fig. 4		
		Mfg. Part No.	Stock No.	Price Each	Mfg. Part No.	Stock No.	Price Each
2	0.2 (5.08)	640456-2	90F4250	0.12	640457-2	90F5638	0.12
3	0.3 (7.62)	640456-3	90F4251	0.15	640457-3	90F5640	0.15
4	0.4 (10.16)	640456-4	90F5641	0.19	640457-4	90F5642	0.18
5	0.5 (12.7)	640456-5	90F5643	0.20	640457-5	90F5644	0.21
6	0.6 (15.24)	640456-6	90F5645	0.20	640457-6	90F5628	0.22
7	0.7 (17.78)	640456-7	90F5629	0.26	640457-7	90F5630	0.22
8	0.8 (20.32)	640456-8	90F5631	0.30	640457-8	90F5632	0.28
9	0.9 (22.86)	640456-9	25H7940	0.65	640457-9	90F5634	1.07
10	1.0 (25.40)	1-640456-0	90F5635	0.28	1-640457-0	90F5636	0.38
11	1.1 (27.94)	1-640456-1	90F5390	1.04	1-640457-1	90F5391	1.29
12	1.2 (30.48)	1-640456-2	90F5392	0.40	1-640457-2	51F1545	0.36
13	1.3 (33.02)	1-640456-3	90F5393	0.94	1-640457-3	51F1546	1.06
14	1.4 (35.56)	1-640456-4	90F5394	0.79	...	...	...

SQUARE POST UNPOLARIZED HEADERS WITHOUT LOCK — 0.64" (0.025) POST SIZE, 0.140" (3.56) TERMINATION POST

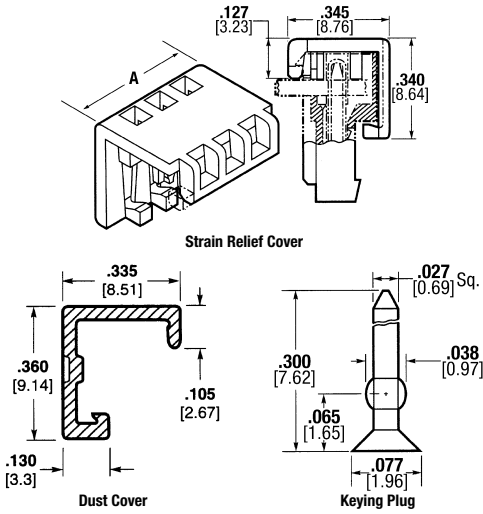
Circuits	Dim. A	Straight, Fig. 5		
		Mfg. Part No.	Stock No.	Price Each
2	0.2 (5.08)	3-644456-2	36K8023	0.23
3	0.3 (7.62)	3-644456-3	52K3600	0.35
4	0.4 (10.16)	3-644456-4	87K2231	0.47
5	0.5 (12.7)	3-644456-5	16M2965	0.74
6	0.6 (15.24)	3-644456-6	16M2966	0.65
7	0.7 (17.78)	3-644456-7	16M2967	0.76
8	0.8 (20.32)	3-644456-8	16M2968	1.08
9	0.9 (22.86)	3-644456-9	16M2969	0.97
11	1.1 (27.94)	4-644456-1	16M3069	1.19
12	1.2 (30.48)	4-644456-2	16M3070	1.62
14	1.4 (35.56)	4-644456-4	16M3072	1.89
15	1.5 (38.1)	1-640456-5	14C7570	1.19

(32989)



PC BOARD HEADERS & SOCKETS

MTA 0.100" (2.54) CONNECTOR ACCESSORIES



- Closed End Cover
- Nylon Housing, Flammability Rated UL94V-2
- Keying Plug Sold in Pack of 50

Removal of contact not necessary when using keying plugs; order separately below.

CLOSED-END COVERS

Circuits	Dim. A	Strain Relief Covers			Dust Covers		
		Mfg. Part No.	Stock No.	Price Each	Mfg. Part No.	Stock No.	Price Each
2	0.2" (5.08)	643075-2	90F4257	0.32	640550-2	25C3146	0.04
3	0.3" (7.62)	643075-3	90F4258	0.46	640550-3	90F4268	0.12
4	0.4" (10.16)	643075-4	90F4259	0.41	640550-4	90F4269	0.12
5	0.5" (12.7)	643075-5	90F4260	0.38	640550-5	90F5096	0.15
6	0.6" (15.24)	643075-6	90F4261	0.37	640550-6	90F5097	0.17
7	0.7" (17.78)	643075-7	90F4262	0.54	640550-7	90F5098	0.14
8	0.8" (20.32)	643075-8	90F4263	0.54	640550-8	90F5099	0.18
9	0.9" (22.86)	643075-9	66F3279	0.55	640550-9	39C3616	0.33
10	1.0" (25.40)	1-643075-0	90F4264	1.14	1-640550-0	90F5101	0.21
11	1.1" (27.94)	1-643075-1	48F1928	1.52	1-640550-1	50H5519	0.51
12	1.2" (30.48)	1-643075-2	90F4265	0.56	1-640550-2	90F5102	0.56
13	1.3" (33.02)	1-643075-3	48F1929	1.46	1-640550-3	48F1931	0.55
14	1.4" (35.56)	1-643075-4	66F3287	1.10	...	...	...
15	1.5" (38.1)	1-643075-5	90F4266	1.44	1-640550-5	66F1544	0.56

FEED-THRU COVERS

2	0.2" (5.08)	643077-2	01C3880	0.66	...	...	...
3	0.3" (7.62)	643077-3	52F6262	0.20	...	...	...
4	0.4" (10.16)	643077-4	52F5778	0.28	640642-4	51F1493	0.14
5	0.5" (12.7)	643077-5	50H6834	0.38	640642-5	51F1494	0.13
6	0.6" (15.24)	643077-6	52F5769	0.79	640642-6	51F1495	0.33
7	0.7" (17.78)	643077-7	16H2727	0.90	640642-7	51F1501	0.34
8	0.8" (20.32)	643077-8	66F2881	0.70	640642-8	51F1502	0.20
9	0.9" (22.86)	643077-9	85C4970	1.50	640642-9	51F1503	0.37
10	1.0" (25.40)	1-643077-0	97C5745	1.19	1-640642-0	51F1504	0.42
11	1.1" (27.94)	1-643077-1	10H2208	1.41	1-640642-1	51F1505	0.51
12	1.2" (30.48)	1-643077-2	50H5535	0.55	1-640642-2	51F1506	0.53
13	1.3" (33.02)	1-643077-3	10H2209	1.42	1-640642-3	51F1507	0.55
14	1.4" (35.56)	1-643077-4	98B5686	1.53	1-640642-4	51F1508	0.64
15	1.5" (38.1)	1-643077-5	50H5536	1.43	...	...	...

(32990)

MTA-100 TOOLING



Mfg. Part No.	Description	Stock No.	Price Each
58074-1	Pistol-Grip Hand Tool for Metal and All-Plastic Shell Connectors	50F783	58.28
58246-1	Crimp Die for MTA-100 Receptacles (Use with Tool Mfg. Part No. 58074-1, Above)	50F785	122.85
59803-1	MTA-100 T-Handle Maintenance Tool	98F2821	18.29
58338-1	Air Bench Mount Tool (with Foot Switch)	66F3117	601.01

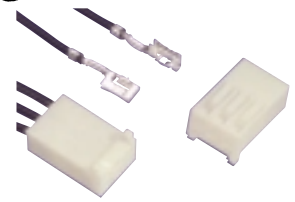
(32988)

CST-100 II CRIMP HOUSINGS, CONTACTS AND TOOLING



- Voltage rating: 250 V
- Current: 4 A maximum
- Wire range: 22-26 AWG
- Operating temperature: -55°C to +105°C

Low-cost wire-to-board interconnections mate with MTA notch headers that are available; go online or call Newark. White nylon housings, rated UL 94V-0, feature locking ramp and polarized tab. Accept phosphor bronze crimp contacts in choice of tin or 15µ gold plating; order separately below. Not interchangeable with CST-100 II contacts and housings. Mates with all MTA 0.100" headers except MTA 0.100" shrouded headers; order separately on page 641.



CST-100 II CRIMP HOUSINGS - WHITE

Mfg. Part No.	Circuits	Dim. A	Stock No.	Price Each	
				1-9	10-24
1375820-2	2	0.220" (5.59)	85C1046	0.10	0.09
1375820-3	3	0.320" (8.13)	85C1047	0.15	0.14
1375820-4	4	0.420" (10.67)	85C1048	0.20	0.18
1375820-5	5	0.520" (13.21)	85C1049	0.29	0.27
1375820-6	6	0.620" (15.75)	85C1050	0.36	0.31
1375820-7	7	0.720" (18.29)	85C1051	0.37	0.33
1375820-8	8	0.820" (20.83)	85C1052	0.47	0.41
1-1375820-0	10	1.020" (25.91)	86C3181	0.76	0.69
1-1375820-2	12	1.220" (30.99)	86C3182	0.92	0.82
1-1375820-4	14	1.420" (36.07)	86C3183	1.68	1.51

CST-100 II CRIMP CONTACTS

Mfg. Part No.	AWG	Plating	Stock No.	Price Each	
				1-49	50-99
1445336-1	26-22	Tin	85C1053	0.10	0.09
1445336-2	26-22	Gold	85C1054	0.62	0.55

CST-100 II TOOLING

Mfg. Part No.	Description	Stock No.	Price Each
58517-1	PRO CRIMPER™ II Hand Tool with Die for CST-100 II	48F1943	210.59
354940-1	PRO CRIMPER™ II Hand Tool (Frame/Handle Only) for CST-100 II	96F6512	66.00

(32991)

ECONOMY POWER (EP) WIRE-TO-BOARD CONNECTORS



- Wire-to-Board Secondary Power Circuit Applications
- Vertical, Through-Hole Headers
- Vertical Headers are End-to-End Stackable to Conserve PCB Space



RECEPTACLE CONTACTS

Mfg. Part No.	AWG	Wire Insulation Diameter	Body Material	Stock No.	Price Each		
					1-9	10-24	25-49
1123721-1	18-22	.067-.118	Phosphor Bronze	86C8232	0.09	0.09	0.08

RECEPTACLE PLUG HOUSINGS

Mfg. Part No.	Contacts	Dimensions	Stock No.	Price Each		
				1-9	10-24	25-49
1-1123722-2	2	.310 (7.86)	07H9595	0.10	0.10	0.09
1-1123722-4	4	.621 (15.78)	09H1717	0.17	0.16	0.15
1-1123722-5	5	.777 (19.74)	07H9581	0.19	0.19	0.18
1-1123722-6	6	.933 (23.70)	09H1738	0.23	0.23	0.21
1-1123722-7	7	1.089 (27.66)	07H9586	0.30	0.29	0.28
1-1123722-8	8	1.245 (31.62)	09H1739	0.34	0.33	0.31
1-1123722-0	10	1.557 (39.54)	09H1742	0.45	0.44	0.42

VERTICAL POST HEADERS

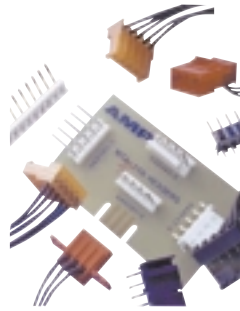
Mfg. Part No.	Contacts	Dimensions	Stock No.	Price Each		
				1-9	10-24	25-49
1-1123723-2	2	.310 (7.86)	07H9598	0.22	0.21	0.20
1-1123723-4	4	.621 (15.78)	36K3734	0.38	0.36	0.35
1-1123723-5	5	.777 (19.74)	36K3735	0.47	0.45	0.43
1-1123723-6	6	.933 (23.70)	36K3736	0.54	0.52	0.49
1-1123723-7	7	1.089 (27.66)	36K3737	0.59	0.57	0.54
1-1123723-8	8	1.245 (31.62)	36K3738	0.78	0.75	0.72
1-1123723-0	10	1.557 (39.54)	07H9588	0.99	0.95	0.91

(96533)

PC BOARD HEADERS & SOCKETS

MTA-0.156" (3.96) POST HEADERS

- Contact centerline spacing: 0.156" (3.96 mm)
- Contact mating area plating: Tin, unless otherwise specified
- Vertical PCB mount
- Polyester housing, flammability rated UL94V-0
- Current rating: 7 A
- Voltage rating: 600 VAC



Perfect for PC, gaming, and household appliance applications.

FLAT HEADERS, 0.062" (1.57) PC BOARD THICKNESS, 0.125" (3.18) TERMINATION POST

Circuits	Length	Straight-Square Post			Straight-Round Post			Right-Angle-Square Post		
		Mfg. Part No.	Stock No.	Price Each	Mfg. Part No.	Stock No.	Price Each	Mfg. Part No.	Stock No.	Price Each
2	0.312" (7.92)	640383-2	90F5382	0.14	640384-2	51F1633	0.38	640385-2	51F1557	0.09
3	0.468" (11.89)	...	...	...	640384-3	51F1449	0.30	...	...	...
4	0.624" (15.85)	...	...	...	640384-4	51F1450	0.74	640385-4	51F1559	0.18
5	0.780" (19.81)	640383-5	50H6806	0.38	640384-5	51F1451	0.67	640385-5	90F4033	0.23
6	0.936" (23.77)	...	...	...	640384-6	51F1452	0.94	...	...	...
7	1.092" (27.74)	...	...	...	640384-7	51F1453	0.85	...	...	...
8	1.248" (31.7)	...	...	...	640384-8	51F1454	1.12	...	...	...
9	1.404" (35.66)	640383-9	90F5386	0.95	640384-9	51F1455	1.55	640385-9	48F1935	0.94
10	1.560" (39.62)	1-640383-0	90F5387	1.05	1-640384-0	10H1582	1.72	1-640385-0	51F3881	0.40
11	1.716" (43.59)	1-640383-1	51F1578	0.50	...	...	...	1-640385-1	51F1563	1.32
12	1.872" (47.55)	1-640383-2	90F5388	0.55	1-640384-2	90F4032	2.07	...	...	...
17	2.652" (57.36)	1-640383-7	10H1581	2.57	...	...	...	...	...	...

HEADERS, 0.093 - 0.125" (2.36 - 3.18) PC BOARD THICKNESS, 0.175" (4.45) TERMINATION POST

Circuits	Length	Flat, Right-Angle-Square Post			Friction Lock, Straight-Square Post			Friction Lock, Straight-Round Post		
		Mfg. Part No.	Stock No.	Price Each	Mfg. Part No.	Stock No.	Price Each	Mfg. Part No.	Stock No.	Price Each
2	0.312" (7.92)	644751-2	34B1177	0.10	...	...	...	644753-2	34B1190	0.08
3	0.468" (11.89)	644751-3	34B1178	0.13	644752-3	34B1185	0.13	...	...	...
4	0.624" (15.85)	644751-4	34B1179	0.18	...	...	...	...	...	...
5	0.780" (19.81)	644751-5	34B1180	0.23	...	...	...	...	...	...
6	0.936" (23.77)	644751-6	34B1181	0.27	644752-7	34B1188	0.28	...	...	...
7	1.092" (27.74)	644751-7	34B1182	0.29	...	...	...	...	...	...
8	1.248" (31.7)	644751-8	34B1183	0.36	...	...	...	...	...	...
9	1.716" (43.59)	...	...	...	644752-9	78H3300	1.05	...	...	...
10	1.404" (35.66)	...	...	...	...	...	...	...	...	...
11	1.560" (39.62)	1-644751-0	10H2537	0.42	...	...	...	...	...	...
12	1.872" (47.55)	1-644751-2	33B3764	0.49	...	...	...	...	...	...

FRICITION-LOCK HEADERS, 0.062" (1.57) PC BOARD THICKNESS, 0.125" (3.18) TERMINATION POST

Circuits	Length	Straight-Square Post			Straight-Square Post, Gold-Plated			Straight-Round Post		
		Mfg. Part No.	Stock No.	Price Each	Mfg. Part No.	Stock No.	Price Each	Mfg. Part No.	Stock No.	Price Each
2	0.312" (7.92)	640445-2	90F4053	0.10	3-641208-2	52K3562	1.18	640388-2	90F5622	0.10
3	0.468" (11.89)	640445-3	90F4054	0.13	3-641208-3	52K3563	0.73	640388-3	90F5623	0.13
4	0.624" (15.85)	640445-4	90F4055	0.18	3-641208-4	52K3564	0.92	640388-4	90F5624	0.18
5	0.780" (19.81)	640445-5	90F5345	0.21	3-641208-5	52K3565	2.40	640388-5	90F5625	0.25
6	0.936" (23.77)	640445-6	90F5346	0.27	3-641208-6	52K3566	2.59	640388-6	90F5626	0.27
7	1.092" (27.74)	640445-7	90F5347	0.27	3-641208-7	16M2920	3.43	640388-7	90F5627	0.29
8	1.248" (31.7)	640445-8	90F5348	0.34	3-641208-8	52K3567	3.83	640388-8	90F5610	0.33
9	1.404" (35.66)	640445-9	90F5349	0.68	3-641208-9	16M2921	4.41	640388-9	90F5611	0.92
10	1.560" (39.62)	1-640445-0	90F5350	0.38	4-641208-0	52K3658	4.16	1-640388-0	90F5612	0.41
11	1.716" (43.59)	1-640445-1	90F5351	0.61	4-641208-1	16M3045	5.35	1-640388-1	27C8693	2.28
12	1.872" (47.55)	1-640445-2	90F5352	0.44	4-641208-2	16M3046	5.85	1-640388-2	90F5614	0.49
17	2.652" (57.36)	...	...	...	4-641208-7	16M3047	11.02	...	...	...

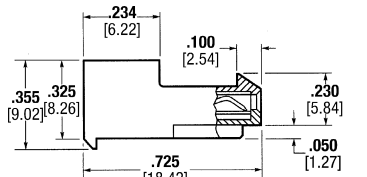
Circuits	Length	Right-Angle-Front Bend			Right-Angle-Front Bend, Gold-Plated			Right-Angle-Rear Bend		
		Mfg. Part No.	Stock No.	Price Each	Mfg. Part No.	Stock No.	Price Each	Mfg. Part No.	Stock No.	Price Each
2	0.312" (7.92)	640389-2	90F5617	0.20	3-641210-2	16M2922	1.10	...	...	...
3	0.468" (11.89)	640389-3	90F5618	0.28	3-641210-3	16M2923	1.71	640387-3	51F1609	0.80
4	0.624" (15.85)	640389-4	90F5601	0.50	3-641210-4	16M2924	2.21	...	...	...
5	0.780" (19.81)	640389-5	90F5602	0.93	3-641210-5	16M2925	2.67	...	...	...
6	0.936" (23.77)	640389-6	90F5603	1.28	3-641210-6	16M2926	3.23	...	...	...
7	1.092" (27.74)	640389-7	90F5604	1.25	3-641210-8	16M2927	4.09	...	...	...
8	1.248" (31.7)	640389-8	90F5605	0.68	3-641210-9	16M2928	4.59	...	...	...
9	1.404" (35.66)	640389-9	90F5606	2.17	...	...	...	...	...	...
10	1.560" (39.62)	1-640389-0	90F5607	2.28	...	...	...	1-640387-1	51F1611	2.66
11	1.716" (43.59)	1-640389-1	51F1623	2.02
12	1.872" (47.55)	1-640389-2	90F5608	2.20	4-641210-2	07M8015	6.11

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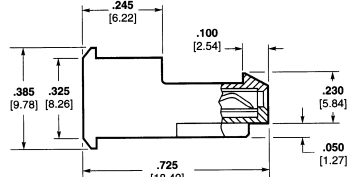
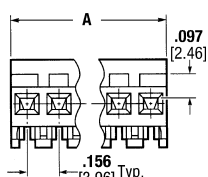
3

PC BOARD HEADERS & SOCKETS

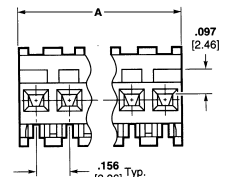
MTA 0.156" (3.96) IDC RECEPTACLES



Closed-End Receptacles



Feed-Thru Receptacles



- Stackable/Closed-End Connectors
- Mating Connector Lock
- 90° Cable Exit
- Phosphor Bronze Contacts

- Tin-Plated Contact Mating Area
- Nylon Housing, Flammability Rated UL 94V-2
- Current Rating: 7 A
- Voltage Rating: 600 VAC

Perfect for PC, gaming and household appliance applications. Meets the material requirements of Table 23.1 of UL1410 Standards for Television Receiver and Video Products (wire-to-post connectors only). UL recognized, file no. E28476; CSA certified, file no. LR7189.

CLOSED-END RECEPTACLES WITH LOCK, WITHOUT POLARIZING TABS

Ckts.	Dim. A	Mfg. Part No.	AWG	Stock No.	Price Each	1-24	Mfg. Part No.	AWG	Stock No.	Price Each	1-24	Mfg. Part No.	AWG	Stock No.	Price Each	1-24	
2	0.312"	● 3-640426-2	18 Orange	52K3535	0.17	●	3-640427-2	20 Yellow	52K3539	0.21	●	3-640428-2	22 Red	52K3540	0.17	●	3-640429-2
3	0.468"	● 3-640426-3		52K4331	0.17	●	3-640427-3		87K2221	0.15	●	3-640428-3		52K4334	0.15	●	3-640429-3
4	0.624"	● 3-640426-4		52K4332	0.38	●	3-640427-4		87K2222	0.26	●	3-640428-4		52K4335	0.26	●	3-640429-4
5	0.780"	● 3-640426-5		52K3536	0.33	●	3-640427-5		87K2223	0.52	●	3-640428-5		52K3541	0.52	...	...
6	0.936"	● 3-640426-6		52K4333	0.34	●	3-640427-6		16M2904	0.37	●	3-640428-6		52K4336	0.34	●	3-640429-6
7	1.092"	● 3-640426-7		52K3537	1.47	●	3-640427-7		16M2905	1.50	...	...		...	...	...
8	1.248"	● 3-640426-8		52K3538	1.02	●	3-640427-8		16M2906	1.68	●	3-640428-8		52K3543	1.02	...	...
9	1.404"	● 3-640426-9		87K2220	0.85	●	3-640427-9		16M2907	2.00	...	...		...	...	...
10	1.560"	● 4-640426-0		52K3645	2.14	●	4-640427-0		87K2234	1.19	●	4-640428-0		52K3648	0.64	●	4-640429-0
12	1.872"	● 4-640426-2		52K3646	1.34	●	4-640427-2		16M3040	1.11	●	4-640428-2		52K3649	1.52	●	4-640429-2

CLOSED-END RECEPTACLES WITH LOCK AND POLARIZING TABS

2	0.312"	● 3-643817-2	18 Orange	52K3589	0.21	●	3-643818-2	20 Yellow	52K3592	0.21	●	3-643819-2	22 Red	16M2945	0.21	●	3-643820-2		
3	0.468"	● 3-643817-3		87K2229	0.15
3	0.468"	● 3-640426-3		52K4331	0.17
4	0.624"	● 3-643817-4		52K4378	0.26	●	3-643818-4		16M2940	0.26	●	3-643819-4		52K3593	0.26	●	3-643820-4		
5	0.780"	● 3-643817-5		97H4009	0.33	●	3-643818-5		16M2941	1.18	●	3-643819-5		52K3594	1.22	●	3-643820-5		
6	0.936"	● 3-643817-6		52K4379	0.33	●	3-643818-6		16M2942	0.34	●	3-643819-6		16M2946	0.33	●	3-643820-6		
6	0.468"	● 3-644461-6		53K7820	0.33	...	...		...	...	...	...		...	...	...
7	1.092"	● 3-643817-7		16M2939	1.55	●	3-643818-7		16M2943	0.66	●	3-643819-7		16M2947	1.58	●	3-643820-7		
8	1.248"	● 3-643817-8		52K3590	0.76	●	3-643818-8		57K2754	1.71	●	3-643819-8		52K3595	1.68	●	3-643820-8		
9	1.404"	● 3-643817-9		52K3591	2.00	●	3-643818-9		16M2944	1.93	●	3-643819-9		16M2948	1.93	●	3-643820-9		
9	1.404"	...		...	...	...	...		53K7821	1.12	...	...		...	...	...
10	1.560"	● 4-643817-0		16M3056	2.14	●	4-643818-0		16M3058	2.26	●	4-643819-0		16M3060	0.99	●	4-643820-0		
12	1.872"	● 4-643817-2	16M3057	1.81	●	4-643818-2	16M3059	1.13	●	4-643819-2	16M3061	1.52	●	4-643820-2					

FEED-THRU RECEPTACLES WITH LOCK, WITHOUT POLARIZING TABS

2	0.312"	● 3-640599-2	18 Orange	87K2227	0.17	●	3-640601-2	22 Red	16M2919	0.63	...	...	...	...	...	...
3	0.468"	● 3-640599-3		52K4360	0.24	...	...		...	...	...	...	...	...	...	...	...
4	0.624"	● 3-640599-4		52K4361	0.26	●	3-640601-4		52K4362	0.26	...	...	...	...	...	...	...

FEED-THRU RECEPTACLES WITH LOCK AND POLARIZING TABS

2	0.312"	● 3-644465-2	18 Orange	16M2970	0.21	●	3-644466-2	20 Yellow	16M2976	0.21	●	3-644467-2	22 Red	11M0914	0.21	●	3-644468-2
3	0.468"	● 3-644465-3		16M2971	0.24	●	3-644466-3		16M2977	0.25	●	3-644467-3		16M2984	0.25	●	3-644468-3
4	0.624"	● 3-644465-4		52K3601	0.26	●	3-644466-4		16M2978	0.27	●	3-644467-4		16M2985	0.27	●	3-644468-4
5	0.780"	● 3-644465-5		16M2972	0.52	●	3-644466-5		16M2979	0.52	●	3-644467-5		16M2986	0.52	●	3-644468-5
6	0.936"	...		...	...	...	...		16M2980	0.34	●	3-644467-6		16M2987	0.34	●	3-644468-6
7	1.092"	● 3-644465-7		16M2973	0.66	●	3-644466-7		16M2981	0.66	●	3-644467-7		16M2988	0.66	●	3-644468-7
8	1.248"	● 3-644465-8		16M2974	0.74	●	3-644466-8		16M2982	0.76	●	3-644467-8		16M2989	0.76	●	3-644468-8
9	1.404"	● 3-644465-9		16M2975	1.14	●	3-644466-9		16M2983	1.14	●	3-644467-9		16M2990	1.14	●	3-644468-9
10	1.560"	● 4-644465-0		16M3073	1.27	●	4-644466-0		16M3075	1.27	●	4-644467-0		16M3077	1.27	●	4-644468-0
12	1.872"	● 4-644465-2		16M3074	2.57	●	4-644466-2		16M3076	1.52	●	4-644467-2		16M3078	1.52	●	4-644468-2

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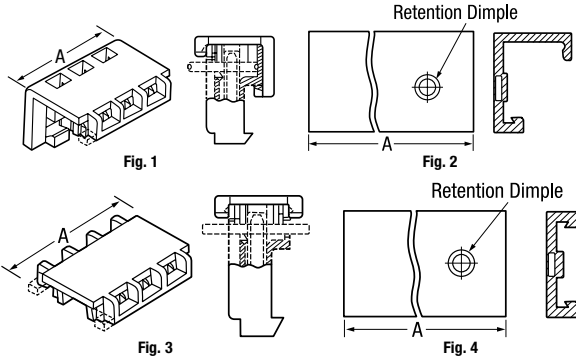
PC BOARD HEADERS & SOCKETS

MTA-0.156" TOOLING



Mfg. Part No.	Description	Stock No.	Price Each
58074-1	Pistol Grip Hand Tool for Metal and All-Plastic Shell Connectors (Order Type 58247-1 Crimp Die Separately Below)	50F783	58.28
58247-1	Crimp Die for MTA-0.156" Receptacles (Use with Type 58074-1 Hand Tool)	50F786	122.85
59804-1	MTA-156 T-Handle Maintenance Tool	50F732	18.29
58338-1	Air Bench Mount Tool with Foot Switch	66F3117	601.01
91512-1	MATE-N-LOCK® Crimp Tool with Die Set for 24-88 AWG	73C0405	495.95
91528-1	Crimp Tool with Die	49H6533	551.57

MTA 0.156" (3.96) CONNECTOR ACCESSORIES



Closed-end or feed-thru strain relief covers and dust covers for use with MTA 0.156" connectors; order separately on page 644 and on pages 645-646.

CLOSED-END STRAIN RELIEF COVERS - FIG. 1

Mfg. Part No.	Circuits	Dim. A in. (mm)	Stock No.	Price Each	
				1-49	50-99
● 643067-2	2	0.312 (7.92)	90F4677	0.36	0.32
● 643067-3	3	0.468 (11.89)	90F4678	0.40	0.37
● 643067-4	4	0.624 (15.85)	90F4679	0.44	0.39
● 643067-5	5	0.780 (19.81)	90F4680	1.09	1.02
● 643067-6	6	0.936 (23.77)	90F4681	0.45	0.40
● 643067-7	7	1.092 (27.74)	90F4038	1.11	1.00
● 643067-8	8	1.248 (31.70)	90F4039	0.42	0.38
● 643067-9	9	1.404 (35.66)	66F1600	0.46	0.41
● 1-643067-0	10	1.560 (39.62)	66F1580	1.24	1.09

▶ CONTINUED ▶

MTA 0.156" (3.96) CONNECTOR ACCESSORIES (CONT.)

Mfg. Part No.	Circuits	Dim. A in. (mm)	Stock No.	Price Each	
				1-49	50-99
● 1-643067-1	11	1.716 (43.59)	10H2198	1.27	1.12
● 1-643067-2	12	1.872 (47.55)	90F4040	0.70	0.70
● 1-643067-3	13	2.028 (51.51)	10H2199	1.13	1.00
● 1-643067-7	17	2.652 (67.36)	50H5533	1.21	1.07

CLOSED-END DUST COVERS - FIG. 2

White polyester, rate UL 94V-0. Used for MTA-156 connectors.

Mfg. Part No.	Circuits	Dim. A in. (mm)	Stock No.	Price Each	
				1-49	50-99
● 640551-2	2	0.312 (7.92)	11C0926	0.09	0.08
● 640551-3	3	0.468 (11.89)	90F4044	0.06	0.06
● 640551-4	4	0.624 (15.85)	50H6807	0.13	0.12
● 640551-5	5	0.780 (19.81)	85C3147	0.25	0.22
● 640551-6	6	0.936 (23.77)	90F5372	0.17	0.15
● 640551-7	7	1.092 (27.74)	90F5373	0.21	0.19
● 640551-8	8	1.248 (31.70)	16H2625	0.23	0.21
● 640551-9	9	1.404 (35.66)	90F5374	0.38	0.33
● 1-640551-0	10	1.560 (39.62)	90F5375	0.25	0.22
● 1-640551-1	11	1.716 (43.59)	48F1912	0.42	0.37
● 1-640551-2	12	1.872 (47.55)	90F5376	0.28	0.28

FEED-THRU STRAIN RELIEF COVERS - FIG. 3

White nylon, rated UL 94V-2. Used for MTA-156 connectors.

Mfg. Part No.	Circuits	Dim. A in. (mm)	Stock No.	Price Each	
				1-49	50-99
● 643071-2	2	0.312 (7.92)	13C5694	0.28	0.24
● 643071-3	3	0.468 (11.89)	48F1913	0.41	0.36
● 643071-4	4	0.624 (15.85)	48F1914	0.74	0.65
● 643071-5	5	0.780 (19.81)	52F5505	0.63	0.55
● 643071-6	6	0.936 (23.77)	90F4043	0.32	0.28
● 643071-7	7	1.092 (27.74)	16H2726	1.03	0.91
● 643071-8	8	1.248 (31.70)	07H3147	0.77	0.69
● 643071-9	9	1.404 (35.66)	48F1915	1.32	1.17
● 1-643071-0	10	1.560 (39.62)	48F1916	1.12	0.99
● 1-643071-1	11	1.716 (43.59)	10H2202	1.18	1.04
● 1-643071-2	12	1.872 (47.55)	48F1917	1.33	1.17
● 1-643071-5	15	2.340 (59.44)	10H2203	1.37	1.21
● 1-643071-7	17	2.652 (67.36)	50H5534	1.21	1.07

FEED-THRU DUST COVERS - FIG. 4

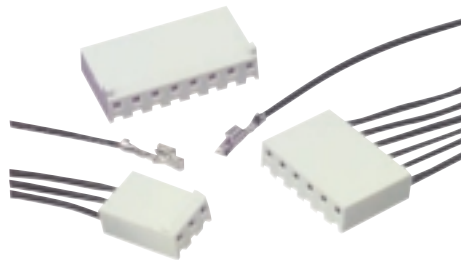
White polyester, rate UL 94V-0. Used for MTA-156 connectors.

Mfg. Part No.	Circuits	Dim. A in. (mm)	Stock No.	Price Each	
				1-49	50-99
● 640643-3	3	0.468 (11.89)	51F1497	0.18	0.16
● 640643-4	4	0.624 (15.85)	51F1498	0.22	0.20
● 640643-5	5	0.780 (19.81)	51F1499	0.26	0.23
● 640643-6	6	0.936 (23.77)	51F1500	0.14	0.12
● 640643-7	7	1.092 (27.74)	51F1479	0.31	0.27
● 640643-8	8	1.248 (31.70)	51F1480	0.20	0.18
● 640643-9	9	1.404 (35.66)	51F1481	0.38	0.33
● 1-640643-0	10	1.560 (39.62)	51F1482	0.41	0.36
● 1-640643-1	11	1.716 (43.59)	51F1483	0.47	0.42
● 1-640643-2	12	1.872 (47.55)	51F1484	0.47	0.41

(75513)

SL-156 HOUSINGS AND CONTACTS

- Contact Centerline Spacing: 0.156" (3.96)
- Crimp Wire Termination
- Mating Connector Lock
- Cable Exit Angle: 180°
- Housing Material/Flammability Rating: Nylon/UL 94V-0



Perfect for gaming and household appliance applications.

HOUSINGS

Circuits	Length	With Ramp — No Tabs				Without Ramp — No Tabs				With Ramp — Polarizing Tabs			
		Mfg. Part No.	Stock No.	Price Each		Mfg. Part No.	Stock No.	Price Each		Mfg. Part No.	Stock No.	Price Each	
				1-24	25-49			1-24	25-49			1-24	25-49
1	0.308" (7.82)	● 640250-1	48F1934	0.21	0.18	● 640251-1	90F4308	0.21	0.18	...	...	...	...
2	0.308" (7.82)	● 640250-2	90F4295	0.12	0.10	...	...	...	...	● 770849-2	97B0223	0.11	0.09
3	0.465" (11.81)	● 640250-3	90F4296	0.14	0.12	● 640251-3	90F4310	0.24	0.20	● 770849-3	95B0239	0.16	0.14
4	0.620" (15.75)	● 640250-4	90F4297	0.19	0.17	● 640251-4	90F4311	0.32	0.27	● 770849-4	95B0238	0.27	0.23
5	0.777" (19.74)	● 640250-5	90F4298	0.19	0.17	● 640251-5	90F4312	0.40	0.34	● 770849-5	34B1846	0.25	0.22
6	0.933" (23.70)	● 640250-6	90F4299	0.22	0.20	● 640251-6	90F4313	0.34	0.29	● 770849-6	92B9996	0.34	0.31
7	1.090" (27.69)	● 640250-7	90F4300	0.21	0.19	● 640251-7	90F4314	0.55	0.47	● 770849-7	52F5148	0.41	0.38
8	1.246" (31.65)	● 640250-8	90F4301	0.29	0.27	● 640251-8	90F4315	0.46	0.41	● 770849-8	98B6557	0.47	0.42
9	1.402" (35.61)	● 640250-9	90F4302	0.52	0.47	● 640251-9	90F4316	0.67	0.57	● 770849-9	91C5108	0.53	0.46
10	1.558" (39.57)	● 1-640250-0	90F4303	0.52	0.44	● 1-640251-0	90F4317	0.77	0.66	● 1-770849-0	93C9786	0.79	0.67
11	1.715" (43.56)	● 1-640250-1	90F4304	0.68	0.58	● 1-640251-1	48F1938	0.56	0.47	● 1-770849-1	10H3565	0.76	0.65
12	1.871" (47.52)	● 1-640250-2	90F4305	0.43	0.39	● 1-640251-2	90F4319	1.68	1.43	● 1-770849-2	27C1563	0.94	0.80
13	2.027" (51.49)	● 1-770849-3	50H7678	0.80	0.68

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PC BOARD HEADERS & SOCKETS

SL-156 HOUSINGS AND CONTACTS (CONT.)

Circuits	Length	With Ramp — No Tabs				Without Ramp — No Tabs				With Ramp — Polarizing Tabs			
		Mfg. Part No.	Stock No.	Price Each		Mfg. Part No.	Stock No.	Price Each		Mfg. Part No.	Stock No.	Price Each	
				1-24	25-49			1-24	25-49			1-24	25-49
14	2.183" (55.45)	...	...	...	...	...	...	...	...	● 1-770849-4	93C9791	1.04	0.89
16	2.496" (63.40)	...	...	...	...	...	...	...	...	● 1-770849-6	10H3567	0.99	0.84

CRIMP SOCKET CONTACTS

Mfg. Part No.	Amps	Mating Force	Contact Material	Contact Finish	Style	Stock No.	Price Each	
							1-24	25-49
● 3-640706-1	6.5	High	Brass	Bright Tin	Loose	52K4364	0.35	0.30
● 3-640252-1	6.5	High	Brass	Bright Tin	Strip	52K4328	0.07	0.06
● 640706-2	6.5	High	Brass	Pre-Tin	Loose	66F3337	0.28	0.24
● 640252-2	6.5	High	Brass	Pre-Tin	Strip	50B619	0.05	0.05
● 3-640707-1	6.5	Low	Brass	Bright Tin	Loose	52K3550	0.35	0.30
● 3-350980-1	6.5	Low	Brass	Bright Tin	Strip	52K4327	0.07	0.06
● 350980-2	6.5	Low	Brass	Pre-Tin	Strip	90F3788	0.05	0.05
● 770258-1	6.5	Low	Brass	Gold	Loose	90F3995	0.40	0.36
● 350980-3	6.5	Low	Brass	Gold	Strip	70C4993	0.30	0.26

HOODED, DUAL WIPE, CRIMP SOCKET CONTACTS

Mfg. Part No.	Amps	Mating Force	Contact Material	Contact Finish	Style	Stock No.	Price Each	
							1-24	25-49
● 3-770476-1	10	Low	Brass	Bright Tin	Strip	52K4382	0.07	0.06
● 3-770522-1	10	Low	Phosphor Bronze	Bright Tin	Loose	87K2233	0.29	0.24
● 3-770522-1	10	Low	Phosphor Bronze	Bright Tin	Loose	87K2233	0.29	0.24
● 770522-2	10	Low	Phosphor Bronze	Gold	Loose	16H5765	0.34	0.29
● 770476-2	10	Low	Phosphor Bronze	Gold	Strip	02E8739	0.20	0.17

ACCESSORIES

Mfg. Part No.	Description	Style	Stock No.	Price Each	
				1-24	25-49
● 640254-1	Flush Keying Plug	Loose	90F4065	0.11	0.10
● 641623-1	Flush Keying Plug	Strip	90F4052	0.11	0.09
● 640630-1	Long Nose Keying Plug	Loose	16H2630	0.15	0.13

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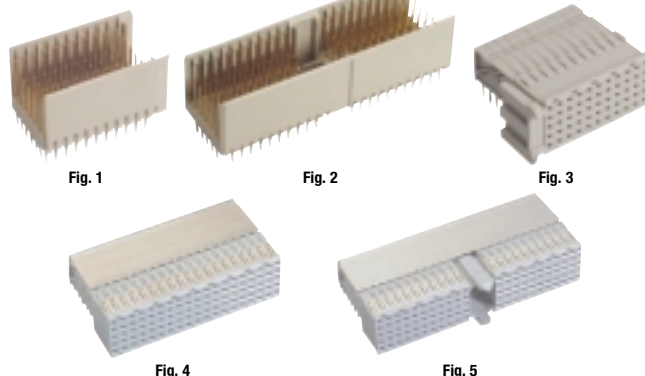
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7200 SERIES 2MM HARD METRIC CONNECTORS



MINITEK™ 2.00mm (0.079") VERTICAL RECEPTACLES

Minitek™ vertical receptacles in thru-hole or surface mount versions. 15µ" gold plating. Other variations are available; go online or call.



Current rating: 1A. Voltage rating: 250V max. Contact material: phosphor bronze. Contact finish: gold. Insulator material: PBT 30% glass filled, UL 94V-0 rated.

VERTICAL MALE

Mfg. Part No.	Fig.	Style	No. of Contacts	No. of Rows	No. of Ground Return Rows	Stock No.	Price Each	
							1-9	10-99
● 17720007400002	1	C	77	5	2	56J1108	3.46	3.30
● 177200077401002	1	C	77	5	2	56J1110	3.90	3.71
● 177200133300002	1	B	133	5	2	56J1118	5.20	4.95
● 177200133301002	1	B	133	5	2	56J1119	5.43	5.17
● 177200154000002	2	A	154	5	2	56J1122	6.90	6.57
● 177200154001002	2	A	154	5	2	56J1123	6.85	6.52
● 177200154200002	1	B	154	5	2	56J1129	5.77	5.50
● 177200154201002	1	B	154	5	2	65H5831	6.07	5.78
● 177200175100002	1	B	175	5	2	56J1132	6.69	6.37

RIGHT-ANGLE FEMALE — UPPER SHIELD

● 277200055402002	3	C	55	5	...	56J5143	3.07	2.93
● 277200095302002	4	B	95	5	...	56J5146	4.81	4.58
● 277200110002002	5	A	110	5	...	56J5151	5.50	5.24
● 277200110202002	4	B	110	5	...	56J5155	5.39	5.13
● 277200125102002	4	B	125	5	...	56J5159	5.94	5.65

(89326)

THRU-HOLE TOP ENTRY RECEPTACLES — 4.55 mm (0.177") HIGH

Mfg. Part No.	Positions	Stock No.	Price Each
			1-24
63453-304	4	22C3603	0.56
● 63453-308LF	8	62K6497	0.92
63453-310	10	22C3609	1.39
63453-314	14	22C3613	1.94
● 63453-316LF	16	75K2970	2.13
63453-318	18	22C3617	2.49
● 63453-320LF	20	75K2972	2.30
63453-322	22	22C3621	3.05
63453-324	24	22C3623	3.32
● 63453-340LF	40	75K2979	4.60
● 63453-344LF	44	75K2981	5.86
● 63453-350LF	50	75K2984	5.74

SURFACE MOUNT TOP ENTRY RECEPTACLES — 4.00 mm (0.157") HIGH

55510-304	4	05H0522	0.49
55510-306	6	05H0524	0.73
55510-308	8	05H0526	0.97
● 55510-312LF	12	75K2674	1.40
55510-318	18	05H0534	2.17
55510-322	22	05H0538	2.66
55510-324	24	05H0540	2.90

SURFACE MOUNT TOP ENTRY RECEPTACLES — 2.30 mm (0.091") HIGH

55508-304	4	05H0383	0.49
55508-306	6	05H0385	0.73
55508-308	8	05H0387	0.97
55508-320	20	05H0399	2.41

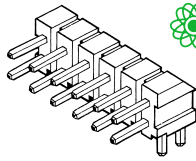
SURFACE MOUNT BOTTOM ENTRY RECEPTACLES — 2.30 mm (0.091") HIGH

91596-304	4	33B004	1.17
91596-306	6	87C9154	1.24
91596-308	8	87C9155	1.65
91596-310	10	87C9156	2.06
91596-320	20	87C9159	4.11

(74184)

PC BOARD HEADERS & SOCKETS

MINITEK™ 2.00mm (0.079") RIGHT ANGLE UNSHROUDED HEADERS

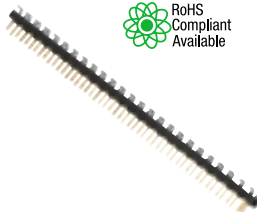


Minitek™ right-angle, thru-mount header, 2.00 mm x 2.00 mm (0.79 x 0.79") centerline.

Mfg. Part No.	Positions	Stock No.	Price Each		
			1-49	50-99	100-249
58102-S61-02	2	22C3486	0.34	0.32	0.30
58102-S61-06	6	22C3490	0.53	0.49	0.47
● 58102-S61-08LF	8	75K2724	0.68	0.63	0.60
● 58102-S61-10LF	10	75K2726	1.41	1.32	1.25
58102-S61-12	12	22C3496	1.05	0.98	0.93
58102-S61-16	16	22C3500	1.40	1.31	1.24
58102-S61-17	17	22C3501	1.49	1.39	1.31
58102-S61-19	19	22C3503	1.66	1.56	1.47
58102-S61-20	20	22C3504	1.75	1.64	1.54
58102-S61-21	21	22C3505	1.84	1.72	1.62
58102-S61-22	22	22C3506	1.93	1.80	1.70

(75630)

MINITEK™ UNSHROUDED VERTICAL HEADERS



Break-to-length unshrouded vertical headers available with thru-hole or surface mount pins. Full size, double row, 25 positions per row. 15µ" gold plating on contact area, 150µ" tin-lead plating on tail. 2.00 mm (0.079) pin style. Other sizes and platings available; go online or call.

THRU-HOLE DOUBLE-ROW HEADERS

Mfg. Part No.	Positions	Post/Tail	Stock No.	Price Each
				1-49
● 57102-S02-25LF	50	0.079"/0.098"	62K6386	6.44
● 57102-S06-25LF		0.157"/0.098"	62K6395	1.64
● 57102-S08-25LF		0.157"/0.118"	62K6400	3.42

SURFACE MOUNT DOUBLE-ROW HEADERS

● 57202-S51-25LF	50	0.079"	62K6440	2.93
● 57202-S52-25LF		0.157"	62K6454	2.10

(73907)

MINITEK™ 2.00mm (0.079") SHROUDED HEADERS



Double-row 2.00 mm (0.079") shrouded headers available in thru-hole mount or surface mount versions. Both feature 15 µ" gold plating on contact area, 150 µ" tin-lead plating on tail. Other header variations are available; go online or call.

Right-Angle

Surface Mount

THRU-HOLE MOUNT — PIN STYLE: 4 mm (0.157") MATING SIDE, 2.50 mm (0.09") SOLDER SIDE

Mfg. Part No.	Positions	Stock No.	Price Each
			1-49
● 98414-S06-10ULF	10	84K7258	1.01
● 98414-S06-12ULF	12	63K1890	1.07
● 98414-S06-20ULF	20	63K1892	1.78
● 98414-S06-44ULF	44	63K1896	3.92
98414-S06-50U	50	07H2365	6.08

SURFACE MOUNT — PIN STYLE: 4 mm (0.157")

● 98424-S52-08ULF	8	63K1957	1.20
98424-S52-10U	10	88C0504	1.44
98424-S52-12U	12	05H3932	1.71
● 98424-S52-20ULF	20	63K1964	1.26
98424-S52-44A	44	88C0512	7.41
98424-S52-50A	50	88C0513	8.36

THRU-HOLE MOUNT, RIGHT-ANGLE — PIN STYLE: 4 mm (0.157") MATING SIDE, 2.50 mm (0.09") SOLDER SIDE

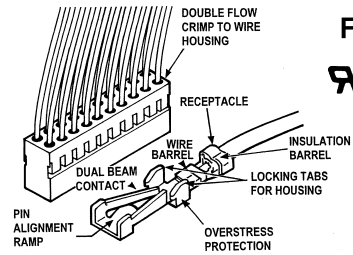
98464-S61-12U	12	05H3998	2.12
● 98464-S61-20ULF	20	06M3022	2.67

(61076)

MINITEK™ 2.00mm (0.079") CRIMP-TO-WIRE HOUSINGS AND CRIMP CONTACTS



Minitek™ crimp-to-wire, double-row housings are offered keyed or unkeyed with 2.00 x 2.00 mm (0.079 x 0.079") centerlines. Constructed of black nylon. Insulation resistance: 1000 Mohms minimum. Withstanding voltage: 650 Vrms. Current rating: 2 A. Operating temperature: -40°C to +105°C. Order 2mm crimp contacts separately below. UL recognized, CSA certified.



2.00 mm CRIMP HOUSINGS WITHOUT POLARIZATION KEYS

Mfg. Part No.	Positions	Stock No.	Price Each		
			1-99	100-249	250-499
● 69307-004	4	32B4096	0.51	0.47	0.45
● 69307-006	6	32B4097	0.56	0.51	0.49
● 69307-008	8	84F1983	0.56	0.51	0.49
● 69307-010	10	84F1984	0.48	0.45	0.42
● 69307-012	12	72H9077	0.58	0.53	0.51
● 69307-014LF	14	01M3609	0.41	0.38	0.36
69307-016	16	99F5510	0.45	0.41	0.39
● 69307-018	18	32B4098	0.93	0.85	0.81
● 69307-020	20	72H9079	1.01	0.93	0.88
● 69307-022	22	32B4099	1.02	0.94	0.89
● 69307-024	24	32B4100	1.16	1.06	1.01
● 69307-026LF	26	01M3615	0.74	0.68	0.65
● 69307-028	28	32B4102	1.02	0.94	0.89
● 69307-030	30	32B4103	1.25	1.15	1.09

2.00 mm CRIMP HOUSINGS WITH POLARIZING KEYS

● 90311-008LF	8	01M4833	0.58	0.53	0.50
● 90311-012	12	32B9552	0.39	0.35	0.34
● 90311-014LF	14	01M4836	0.46	0.42	0.40
● 90311-016	16	32B9554	0.51	0.47	0.45
● 90311-018	18	32B9555	0.89	0.81	0.78
● 90311-020	20	32B9556	0.64	0.59	0.56
● 90311-022	22	32B9557	1.08	0.99	0.94
● 90311-024	24	32B9558	0.77	0.71	0.67
● 90311-026	26	32B9559	0.83	0.76	0.73
● 90311-028	28	32B9560	0.86	0.79	0.75
● 90311-030	30	32B9561	0.96	0.88	0.84

2.00 mm CRIMP CONTACTS — SOLD INDIVIDUALLY

● 77138-201	...	94C4174	0.23	0.21	0.20
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(75629)

MINITEK™ II LOW-PROFILE 2mm SHUNT



Features 0.079" x 0.079" (2.00 x 2.00) centerline, tapered lead-in, and retentive barbs. Stackable side-by-side and end-to-end. Mates with 0.020"(0.5) square pin, 0.157"(4.0) long. Dual-beam phosphor bronze terminal with 8 µ" gold overplate, 50 µ" nickel underplate. Black glass-filled PBT housing, rate UL 94V-0. Current rating: 1 A. Voltage rating: 20 VAC. UL recognized, CSA certified.

Mfg. Part No.	Stock No.	Price Each
		1-99
● 86730-001LF	53K1509	0.23

(8386)

PC BOARD VERTICAL RECEPTACLES — 0.100" (2.54)



Single Row, Top Entry



Double Row, Top Entry

- Current Rating: 3A DC Max. per Individual Contact
- Insulation Resistance: 1000MΩ Min.
- Contact Resistance: 15mΩ Max. Initial, 20mΩ Max. after Environmental Tests
- Dielectric Withstanding Voltage: 1000V
- Operating Temperature: -65°C to +125°C
- UL Recognized, CSA Certified

Vertical receptacles feature phosphor bronze contacts plated with 30µ" gold in contact area and 100µ" tin/lead on tails. Blue thermoplastic housing, flammability rated UL94V-0. 2A DC max. per contact for fully energized connector. For full dimensional information go online or call

➤ CONTINUED ➤

PC BOARD HEADERS & SOCKETS

PC BOARD VERTICAL RECEPTACLES — 0.100" (2.54) (CONT.)

75915 SERIES TOP-ENTRY SINGLE-ROW RECEPTACLES

Mfg. Part No.	Positions	Total No. of Contacts	Stock No.	Price Each	
				1-49	50-99
● 75915-306LF	1x6	6	62K8174	0.66	0.62
● 75915-308LF	1x8	8	62K8176	0.85	0.80
● 75915-310LF	1x10	10	62K8178	1.03	0.96
● 75915-312LF	1x12	12	62K8180	1.24	1.16
● 75915-314LF	1x14	14	62K8182	1.44	1.35
● 75915-316LF	1x16	16	62K8184	1.65	1.54
75915-318	1x18	18	22C3666	2.50	2.34
● 75915-320LF	1x20	20	62K8188	2.06	1.92

87606 SERIES TOP-ENTRY DOUBLE-ROW RECEPTACLES

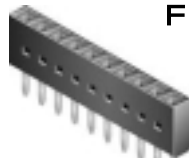
87606-306	2x6	12	32B8254	1.88	1.76
● 87606-308LF	2x8	16	63K0748	1.70	1.59
● 87606-310LF	2x10	20	63K0751	2.06	1.92
● 87606-312LF	2x12	24	63K0753	2.46	2.31
● 87606-314LF	2x14	28	63K0755	2.88	2.69
● 87606-316LF	2x16	32	63K0758	3.29	3.08
● 87606-320LF	2x20	40	66K0113	6.71	6.27

(61270)

LOW-PROFILE PC BOARD VERTICAL RECEPTACLES — 0.100" (2.54)

- Current Rating: 3A DC Max. Per Individual Contact
- Insulation Resistance: 1000MΩ Min.
- Contact Resistance: 15mΩ Max. Initial, 20mΩ Max. After Environmental Tests
- Dielectric Withstanding Voltage: 1000V
- Operating Temperatures: -65°C to +125°C
- UL Recognized, CSA Certified

Vertical receptacles feature phosphor bronze contacts plated with 30µ" gold in contact area and 100µ" tin/lead on tails. High-temperature, black thermoplastic housing, flammability rated UL94V-0. For full dimensional information go online or call



Single Row, Top Entry

68685 SERIES TOP-ENTRY SINGLE-ROW RECEPTACLES

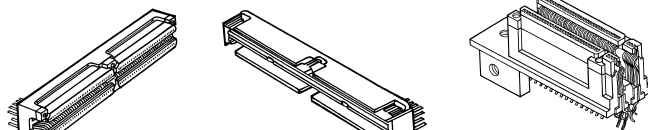
Mfg. Part No.	Positions	Total No. of Contacts	Length	Stock No.	Price Each	
					1-24	25-49
● 68685-306LF	1x6	6	0.617" (15.67)	72K3204	2.41	
● 68685-308LF	1x8	8	0.817" (20.75)	72K3205	2.81	
● 68685-310LF	1x10	10	1.017" (25.83)	72K3206	3.64	
● 68685-314LF	1x14	14	1.417" (35.99)	75K4213	4.14	
● 68685-316LF	1x16	16	1.617" (41.07)	72K3208	4.57	
● 68685-320LF	1x20	20	2.017" (51.23)	72K3210	5.07	

68683 SERIES TOP-ENTRY DOUBLE-ROW RECEPTACLES

● 68683-303LF	2x3	6	0.317" (8.05)	72K3186	1.75	
● 68683-304LF	2x4	8	0.417" (10.59)	72K3187	2.04	
● 68683-305LF	2x5	10	0.517" (13.13)	72K3188	1.40	
68683-306	2x6	12	0.617" (15.67)	50F8762	1.81	
● 68683-307LF	2x7	14	0.717" (18.21)	72K3189	1.96	
● 68683-308LF	2x8	16	0.817" (20.75)	72K3190	2.26	
68683-309	2x9	18	0.917" (23.29)	95F6681	2.66	
● 68683-310LF	2x10	20	1.017" (25.83)	06M1806	2.82	
68683-312	2x12	24	1.217" (30.91)	94F6599	3.41	
● 68683-313LF	2x13	26	1.317" (33.45)	06M1807	3.70	
68683-314	2x14	28	1.417" (35.99)	50F8765	3.98	
● 68683-315LF	2x15	30	1.517" (38.53)	75K4192	4.26	
● 68683-317LF	2x17	34	1.717" (43.61)	72K3192	4.80	
● 68683-320LF	2x20	40	2.017" (51.23)	72K3194	5.85	
● 68683-325LF	2x25	50	2.517" (63.93)	72K3195	7.09	
● 68683-332LF	2x32	64	3.217" (81.71)	72K3196	11.44	

(8411)

MICROPAX™ HIGH-DENSITY PC BOARD CONNECTORS



Vertical Thru-Hole Plug

Vertical Thru-Hole Receptacle

Right Angle Straddle-Mount

2-row, high-density connectors feature low insertion force for easy engagement/disengagement. Impedance controlled (shielded) for reliable electrical performance. Duplex plating. High-temperature plastic withstands IR, wave, and vapor-phase soldering. Connector-to-connector and connector-to-board polarization provides proper mating and

➤ CONTINUED ➤

MICROPAX™ HIGH-DENSITY PC BOARD CONNECTORS (CONT.)

application. Housing: zinc alloy. Current rating: 0.5 amp. Capacitance: 2.8pF. Impedance: 55 ohms. Vertical and straddle mount versions feature low-profile design to minimize board-to-board spacing. Crosstalk (near end at 500ps): 7:1 S:G = 8.5%; 1:1 S:G = 2.0%. UL recognized, CSA certified.

VERTICAL THRU-HOLE MOUNT

Mfg. Part No.	Positions	Description	Stock No.	Price Each	
				1-9	10-99
91539-006	80	Plug	83F5623	49.97	
91538-006	80	Receptacle	83F5624	35.06	
● 89649-002	160	Plug	83F5627	36.18	
● 89648-002LF	160	Receptacle	72K5340	45.07	

VERTICAL SURFACE MOUNT

91295-003	80	Plug	95F6708	25.79	
● 91294-003LF	200	Plug	06M2584	25.60	
● 91403-003LF	200	Receptacle	06M2587	33.20	
● 91403-003LF	200	Receptacle	06M2587	33.20	

RIGHT-ANGLE THRU-HOLE MOUNT

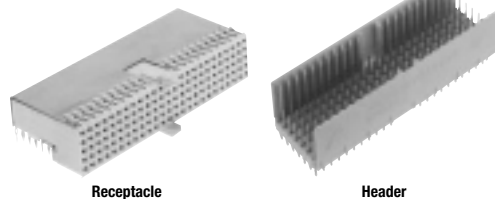
● 90784-001LF	80	Plug	72K5575	13.24	
90790-001	80	Receptacle	83F5622	11.77	
90793-003	160	Plug	83F5625	25.23	
90794-001	160	Receptacle	83F5626	42.40	

RIGHT-ANGLE STRADDLE MOUNT

91543-105	80	Plug	95F6710	37.63	
91542-105	80	Receptacle	95F6711	62.80	
91895-101	160	Plug	95F6701	47.33	
● 91894-101LF	160	Receptacle	06M2623	74.90	
● 91895-103LF	200	Plug	72K5625	58.27	
● 91895-103LF	200	Plug	72K5625	58.27	
● 91894-103LF	200	Receptacle	72K5624	87.03	

(29375)

MILLipacs® HM POWER AND SIGNAL CONNECTORS



Receptacle

Header

- Designed in Accordance with IEC 917 and IEC 61076-4-101
- Fits DIN 43356 and IEEE 1301 Hard Metric Practice
- UL Recognized, CSA Certified

COMPACT PCI CONNECTORS

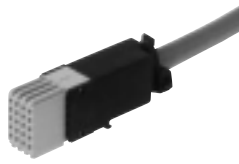
MILLipacs® is a standard 2.0mm interconnection modular system built up by a number of specific types of modules with different functions. Features 5- and 8-contact rows and 2 rows for shielding and grounding that allows for higher speed application. Signal modules offer up to 200 signal contacts per 50mm module (in 8 row versions). Hybrid modules for power, coax and/or FO contacts. Both headers and receptacles are equipped with FCI "eye of the needle" press-fit section for stable and reliable board connections. FCI's 1-piece female concept offers solid and reliable hard metric connectors. Male modules are aligned next to each other without loss of contact positions and integrated edge polarization provides a correct positioning of the different modules on the board. Board-to-board or cable-to-board modular packaging on a high-density 2 x 2mm grid. Insulator material: high-temperature thermoplastic UL94V-0. Insulation resistance: 10,000 megohms initial. Operating temperature: -55°C to +125°C.

Mfg. Part No	Description	Positions	Stock No.	Price Each	
				1-24	25-49
● HM2R10PA5108N9LF	Type A Receptacle (Upper Shield Only/No Pegs)	110	62K4724	7.72	5.98
HM2R70PA5108N9	22-Position Receptacle (Upper Shield Only)	110	98B3361	9.96	8.33
HM2R71PA5108N9	19-Position Receptacle (Upper Shield Only)	95	34C7438	6.90	5.34
HM2P07PDG1A1N9	Type A Header (CPCI Special Load)	110	83F6412	6.17	4.80
HM2P70PDE121N9	22-Position Receptacle (CPCI Special Load)	110	83F6415	6.19	4.81
HM2P70PNE124GF	22-Position Receptacle (CPCI Special Load)	110	83F6417	11.89	9.24

(33010)

PC BOARD HEADERS & SOCKETS

MILLipacs® HM HARD METRIC I/O CABLE CONNECTORS



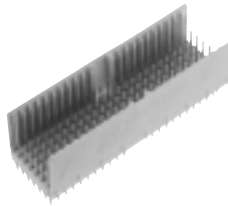
- For Discrete Wiring
- Molded-In Polarization

Mates with rear plug-up shrouds; order separately on this page.

Mfg. Part No.	Description	Positions	Stock No.	Price Each	
				1-24	25-49
HM2C01D0C010N9	Cable Connector (30 AWG)	20	83F8188	8.42	6.55
HM2C01D2C010N9	Cable Connector (26 AWG)	20	83F8189	8.56	6.65

(72460)

MILLipacs® HM HARD METRIC VERTICAL SIGNAL PIN HEADERS



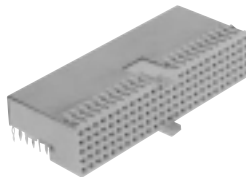
- Types A and B 50mm Headers
- Type C 25mm End-Position Headers
- Types A and C Offer "MP" Multipurpose Center for Polarization, Preguiding and Coding
- Signal Contacts
- Press-Fit Termination
- Nonshielded and Shielded Versions



Mfg. Part No.	Description	Positions	Stock No.	Price Each	
				1-24	25-49
HM2P07PD5110N9	Type A Header	110	83F8157	5.89	4.55
HM2P07PK5110GF	Type A Header (13mm Tails)	110	83F8163	10.88	8.42
HM2P08PD5110N9	Type B Header	125	83F8158	6.66	5.16
HM2P08PD5111N9	Type B Header (Shielded)	125	83F8161	7.41	5.73
HM2P08PK5111GF	Type B Header (Shielded/13mm Tails)	125	83F8167	14.27	11.03
● HM2P09PK5110GFLF	Type C Header (13mm Tails)	55	65K9168	5.57	4.31
HM2P09PK5111GF	Type C Header (Shielded/13mm Tails)	55	83F8168	6.71	5.19

(72463)

MILLipacs® HM HARD METRIC 5+2 ROW FEMALE SIGNAL RIGHT-ANGLE RECEPTACLES



- Type A Offers Integrated "MP" Multipurpose Center for Polarization and Coding
- Types A and C Offer Integrated Pegs for Guiding and Polarization
- Press-Fit-to-Board Termination
- Nonshielded and Shielded Versions



Type A Shielded

Mfg. Part No.	Description	Positions	Stock No.	Price Each	
				1-24	25-49
HM2R10PA5100N9	Type A, Nonshielded, Without Pegs	110	83F8175	8.05	6.23
HM2R01PA5101N9	Type A, Shielded, With Pegs	110	83F6403	8.86	6.86
HM2R02PA5100N9	Type B, Nonshielded	125	83F6402	8.71	6.74
HM2R02PA5101N9	Type B, Shielded	125	83F8179	10.07	7.79
HM2R03PA5101N9	Type C, Shielded, With Pegs	55	83F8180	4.74	3.66

(72464)

ADVANCEDMC™ AND POWER OUTPUT CONNECTORS



96-pin



170-pin

Just Added



- Press-fit termination
- Assembly with standard flat rock die
- Optimized footprint enables routing on low layer count
- Excellent routing capabilities with wide-routing channels and low cross talk
- Systematically positioning the module precisely in the connector reduces the maximum possible offset between connector contacts and module pads by 60% increasing the mating reliability of MicroTCA backplanes
- Con:card+ GuideSpring secures the module position during shock and vibrations preventing loss of contact and surface wear
- Increased wear resistance from corrosion-resistant coating and plating, special contact surface, relaxation-resistant material and ruggedized press-fit connection

➤ CONTINUED ➤

ADVANCEDMC™ AND POWER OUTPUT CONNECTORS (CONT.)

HEADERS

Mfg. Part No.	No. of Contacts	Contact Length (mm)	Features	Stock No.		Price Each
				41M0581	1-9	
● 16 34 096 1101 000	96	2.8	For MicroTCA™ module version	41M0581	49.24	
● 16 33 096 1201 000	96	3.7	For MicroTCA™ backplane version	41M0580	39.18	
● 16 04 170 5104 000	170	2.0	For ATCA®, type B+ w/Peg and GuideSpring	41M0577	52.98	
● 16 04 170 5106 000	170	2.0	For ATCA®, type B+ w/GuideSpring	41M0578	52.98	
● 16 11 170 5202 000	170	2.1	For MicroTCA™ w/GuideSpring	41M0579	28.92	

TOOLS

Mfg. Part No.	Description	Stock No.	Price Each
			Each
● 16 99 000 0001 000	Top tool ATCA B+	41M0582	584.03
● 16 99 000 0002 000	Bottom tool ATCA B+	41M0583	1227.62
● 16 99 000 0003 000	Top tool MicroTCA	41M0584	651.00
● 16 99 000 0004 000	Bottom tool MicroTCA	41M0585	1197.67
● 16 99 000 0005 000	Removal tool for ATCA B+	41M0586	991.64
● 16 99 000 0006 000	Repair pliers for MicroTCA	41M0587	443.40

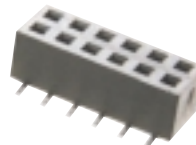
(94461)

M22 SERIES FEMALE CONNECTORS

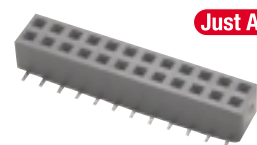


HARWIN

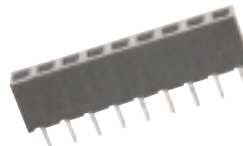
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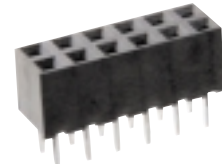
M22-634



M22-636



M22-713



M22-714

- Unshrouded
- Body material: Nylon
- Pitch spacing: 0.08"

- Suitable for use with male connectors; order separately on pages 654-655

DUAL ROW VERTICAL SMT — 4.50 mm HEIGHT — PLATING: GOLD POST — TIN TAIL

Mfg. Part No.	Contacts	Stock No.	Price Each
			1-24
● M22-6340342	6	03M3988	0.78
● M22-6340442	8	03M3990	1.02
● M22-6340542	10	03M3991	1.14
● M22-6340642	12	03M3993	1.25
● M22-6341042	20	03M3997	2.00
● M22-6341442	28	03M4001	2.74
● M22-6342042	40	03M4007	3.87

DUAL ROW VERTICAL SMT — 2.30 mm HEIGHT — PLATING : TIN

Mfg. Part No.	Contacts	Stock No.	Price Each
● M22-6360346	6	31M1269	1.74
● M22-6360446	8	03M4015	2.23
● M22-6360546	10	03M4017	2.81
● M22-6360646	12	03M4019	3.28
● M22-6361046	20	03M4027	5.44
● M22-6361446	28	03M4035	7.60
● M22-6362046	40	03M4047	10.84

SINGLE ROW VERTICAL PC TAIL — PLATING: GOLD POST — TIN TAIL

Mfg. Part No.	Contacts	Stock No.	Price Each
● M22-7130342	3	71K8277	0.41
● M22-7130442	4	71K8278	0.55
● M22-7130542	5	71K8279	0.69
● M22-7130642	6	71K8280	0.82
● M22-7131042	10	71K8284	1.37
● M22-7131442	14	71K8288	1.91
● M22-7132042	20	71K8294	2.73

DUAL ROW VERTICAL PC TAIL — PLATING: GOLD POST — TIN TAIL

Mfg. Part No.	Contacts	Stock No.	Price Each
● M22-7140342	6	71K8300	0.55
● M22-7140442	8	71K8301	0.73
● M22-7140542	10	71K8302	0.91
● M22-7140642	12	71K8303	1.09
● M22-7141042	20	71K8307	1.81

➤ CONTINUED ➤

PC BOARD HEADERS & SOCKETS

M22 SERIES FEMALE CONNECTORS (CONT.)

DUAL ROW VERTICAL PC TAIL — PLATING: GOLD POST — TIN TAIL

Mfg. Part No.	Contacts	Stock No.	Price Each
			1-24
● M22-7141442	28	71K8311	2.54
● M22-7142042	40	71K8317	3.62

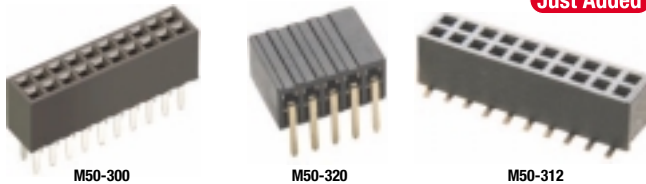
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M50 SERIES 0.50" FEMALE CONNECTORS



HARWIN

Just Added



- Right-angle connector has two solder fixing for connector rigidity
- Dual entry connector can be used as either top or bottom entry
- Number of rows: 2
- Body material: Nylon
- Pitch spacing: 0.05"
- Contact finish: Gold
- Suitable for use with male connectors; order separately on page 655



M50-315

STRAIGHT PC TAIL

Mfg. Part No.	Contacts	Stock No.	Price Each
			1-24
● M50-3000545	10	03M4076	1.27
● M50-3000645	12	03M4077	1.41
● M50-3000845	16	03M4079	1.69
● M50-3001045	20	03M4081	1.97
● M50-3001245	24	03M4083	2.25
● M50-3001545	30	03M4084	2.69
● M50-3002045	40	03M4085	3.40
● M50-3002545	50	03M4086	3.77

RIGHT-ANGLE PC TAIL

● M50-3200545	10	56K1758	1.70
● M50-3200645	12	56K1759	1.83
● M50-3200845	16	56K1761	2.40
● M50-3201045	20	56K1763	3.01
● M50-3201245	24	56K1765	3.35
● M50-3201545	30	56K1768	4.06
● M50-3202045	40	56K1773	4.92
● M50-3202545	50	56K1778	6.16

STRAIGHT SMT—3.6 mm HEIGHT

● M50-3120545	10	56K1697	1.70
● M50-3120645	12	56K1698	1.83
● M50-3120845	16	56K1700	2.40
● M50-3121045	20	56K1702	3.01
● M50-3121245	24	56K1704	3.35
● M50-3121545	30	56K1707	4.06
● M50-3122045	40	56K1712	4.92
● M50-3122545	50	56K1717	6.16

STRAIGHT SMT—2.2 mm HEIGHT, DUAL-ENTRY

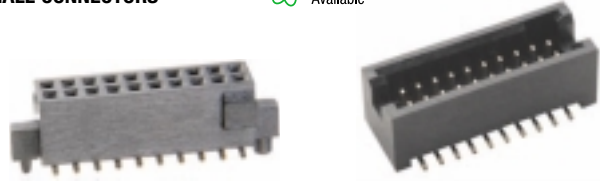
● M50-3150542	10	80K5235	2.76
● M50-3150642	12	03M4107	2.87
● M50-3150842	16	03M4109	3.84
● M50-3151042	20	83K9692	4.80
● M50-3151242	24	03M4112	5.08
● M50-3151542	30	03M4113	6.36
● M50-3152042	40	03M4114	7.65
● M50-3152542	50	03M4115	9.59

(90461)

M50 SERIES POLARIZED MALE CONNECTORS



HARWIN



M50-430

M50-490

Just Added



M50-470

M50-480

- Shrouded
- Single polarization to prevent mis-mating
- Body material: Nylon

- Pitch spacing: 0.05"
- Contact finish: Gold

FEMALE—STRAIGHT SMT

Mfg. Part No.	Contacts	Stock No.	Price Each
			1-24
● M50-4300545	10	56K1822	1.70
● M50-4300645	12	56K1823	1.83
● M50-4300845	16	56K1825	2.40
● M50-4301045	20	56K1827	3.01
● M50-4301245	24	56K1829	3.35
● M50-4301545	30	56K1832	4.06
● M50-4302045	40	56K1837	4.92
● M50-4302545	50	56K1842	6.16

MALE—STRAIGHT SMT

● M50-4900545	10	56K1944	1.89
● M50-4900645	12	56K1945	2.19
● M50-4900845	16	56K1947	2.64
● M50-4901045	20	56K1949	3.30
● M50-4901245	24	56K1951	3.30
● M50-4901545	30	56K1954	4.52
● M50-4902045	40	56K1959	6.00
● M50-4902545	50	56K1964	7.58

MALE—STRAIGHT PC TAIL

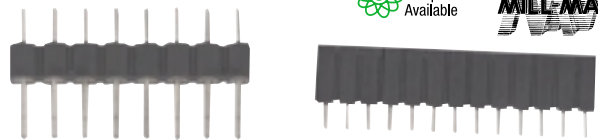
● M50-4700545	10	56K1872	1.89
● M50-4700645	12	56K1873	2.19
● M50-4700845	16	56K1875	2.64
● M50-4701045	20	56K1877	3.30
● M50-4701245	24	56K1879	3.30
● M50-4701545	30	56K1882	4.52
● M50-4702045	40	56K1887	6.00
● M50-4702545	50	56K1892	7.58

MALE—RIGHT-ANGLE PC TAIL

● M50-4800545	10	56K1908	1.89
● M50-4800645	12	56K1909	2.19
● M50-4800845	16	56K1911	2.64
● M50-4801045	20	56K1913	3.28
● M50-4801245	24	56K1915	3.30
● M50-4801545	30	56K1918	4.52
● M50-4802045	40	56K1923	6.00
● M50-4802545	50	56K1928	7.58

(90463)

SINGLE ROW SERIES INTERCONNECTS



Pin Header

Socket

- Interconnects Feature Straight Solder Tail
- Accept 0.030" Diameter and 0.025" Square Pins

- Current Rating: 4A to 5A

Type 800-10 pin header features 10µ" gold pins. Type 801-43 socket features 200µ" tin shells, 30µ" gold contacts/clips. Type 801-93 socket features 200µ" tin-lead shells, 30µ" gold contacts/clips.

➤ CONTINUED ➤

(94668)

Talk to our team of engineers.

Chat live online with our expert technical team or connect to them by phone. Go online or call us today.

PC BOARD HEADERS & SOCKETS

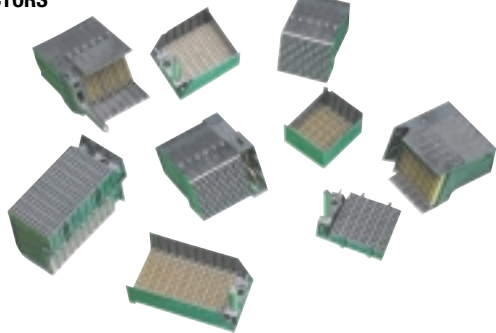
SINGLE ROW SERIES INTERCONNECTS (CONT.)

Mfg. Part No.	Contacts	Length	Stock No.	Price Each	
				1-9	10-24
800-10-064-10-001000	64	6.400"	16F4815	11.49	
801-93-050-10-001000	50	5.000"	16F4817	6.41	
● 801-43-050-10-001000	50	5.000"	04M4082	6.77	

(4819)

I-TRAC™ BACKPLANE CONNECTORS

NEW TECHNOLOGY



I-Trac™ is a broad-side coupled, skew-equalized design that handles speeds up to 12.5 Gps with superior impedance control and lower cross-talk for traditional and orthogonal backplane applications. It is a press-fit, flexible, mono-block system with integrated guidance, power and signals that can be stacked end-to-end to meet specific pin-out requirements. Open-field design permits assigning high-speed differential pairs, low speed signals, power and ground contacts anywhere within the pin field. 11-row I-Trac™ has 24.8mm slot width, 55 pairs/in., and ortho pairs/node of 36 (6x6).

11-ROW HEADERS

Mfg. Part No.	Columns	Circuits	Description	Stock No.	Price Each	
					1-9	10-24
● 75705-1503	5	110	Unguided	32M6993	7.70	7.09
● 75705-1523	5	110	Dual endwall	32M6994	7.95	7.32
● 75705-3503	5	110	Guide left	32M6998	9.08	8.35
● 75705-5503	5	110	Guide right	32M7001	9.08	8.35
● 75705-7503	5	110	Guide left, wall right	32M7004	9.20	8.47
● 75705-9503	5	110	Guide right, wall left	32M7007	9.20	8.47
● 75705-1603	6	132	Unguided	32M6995	9.25	8.51
● 75705-1623	6	132	Dual endwall	32M6996	9.50	8.74
● 75705-3603	6	132	Guide left	32M6999	10.63	9.78
● 75705-5603	6	132	Guide right	32M7002	10.63	9.78
● 75705-7603	6	132	Guide left, wall right	32M7005	10.75	9.89
● 75705-9603	6	132	Guide right, wall left	32M7008	10.75	9.89
● 75705-1103	10	220	Unguided	32M6991	15.40	14.17
● 75705-1123	10	220	Dual endwall	32M6992	15.65	14.40
● 75705-3103	10	220	Guide left	32M6997	16.78	15.44
● 75705-5103	10	220	Guide right	32M7000	16.78	15.44
● 75705-7103	10	220	Guide left, wall right	32M7003	16.90	15.55
● 75705-9103	10	220	Guide right, wall left	32M7006	16.90	15.55

11-ROW DAUGHTER CARDS

● 75710-1005	5	110	Unguided	32M7009	11.55	10.63
● 75710-3005	5	110	Guide left	32M7012	12.43	11.44
● 75710-5005	5	110	Guide right	32M7015	12.43	11.44
● 75710-1006	6	132	Unguided	32M7010	13.85	12.75
● 75710-3006	6	132	Guide left	32M7013	14.73	13.55
● 75710-5006	6	132	Guide right	32M7016	14.73	13.55
● 75710-1010	10	220	Unguided	32M7011	23.10	21.26
● 75710-3010	10	220	Guide left	32M7014	23.98	22.06
● 75710-5010	10	220	Guide right	32M7017	23.98	22.06

POWER MODULES

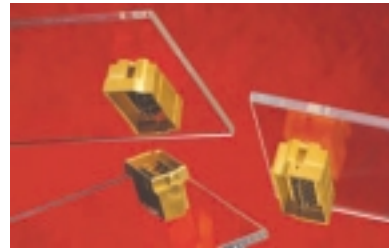
Mfg. Part No.	Description	Stock No.	Price Each	
			1-9	10-24
● 78231-1001	Right angle, 2-blade, 9.77mm	32M7018	4.30	3.96
● 78231-1002	Right angle, 2-blade, 8.27, 9.77mm	32M7019	4.45	4.10
● 78232-1001	Vertical, 2-blade, 9.77mm	32M7020	3.28	3.02

TOOLING

Mfg. Part No.	Description	Stock No.	Price Each	
			1-9	10-24
● 62201-8601	Press fit tooling 11x5	32M6988	675.00	621.00
● 62201-8602	Press fit tooling 11x6	32M6989	675.00	621.00
● 62201-8603	Press fit tooling 11x10	32M6990	765.00	703.80
● 87998-3210	Press fit tooling for blade vertical power module	32M7021	675.00	621.00

(90491)

Plateau HS Mezz™ HIGH SPEED MEZZANINE CONNECTORS



Features and Benefits

- Advanced gold-plated plastic housings with integrated shielding system support high-speed differential signaling in excess of 10Gbps
- Impedance of 100 ± 10Ω at 50psec risetime (10/90%) maintained for all stack heights to ensure very low crosstalk between signals
- Contacts 1.20mm (0.047") centerline pitch arranged in isolated differential pairs on 3.50mm (0.138") pitch for controlled impedance
- Two points of contact on each signal ensure high reliability
- Multiple stack heights from 10 to 25mm (0.3594 to 0.984") to meet nearly every parallel board requirement, with capability up to 25mm (0.984")
- Available in 6, 12, 24 and 36 differential pair sized (12, 24, 48 and 72 total contacts)
- Molded and plated housing pegs facilitate attachment to PCB ground plane
- Ideal for servers, mainframe computers, workstations, test equipment and telecommunications equipment such as switches and routers

Specifications

- Voltage: 30 VDC
- Current: 1.5 A max. per circuit
- Contact resistance: 25 mΩ
- Dielectric withstanding voltage: 500 V
- Insulation resistance: 1000 MΩ
- Durability: 25 cycles

Creates a high-speed, superior performance surface-mounted mezzanine connector system utilizing Plateau Technology™ allowing a smaller footprint translating into savings on circuit count and board space. The shielded properties of the plated housing effectively isolate each differential pair, eliminating the need to use signal pins for ground.

10.0mm MATED STACK HEIGHT PLUGS

Mfg. Part No.	No. of Contacts	Height mm (in.)	Stock No.	Price Each
				1-9
● 75003-0305	12	5.50 (0.217)	28M9481	16.22
● 75003-0005	24	5.50 (0.217)	18M8253	16.72
● 75003-0105	48	5.50 (0.217)	28M9479	31.73
● 75003-0205	72	5.50 (0.217)	07J2493	45.13

10.0mm MATED STACK HEIGHT RECEPTACLES

● 75005-0304	12	4.50 (0.177)	18M8258	9.68
● 75005-0004	24	4.50 (0.177)	18M8255	11.26
● 75005-0104	48	4.50 (0.177)	07J2500	18.46
● 75005-0204	72	4.50 (0.177)	18M8257	21.58

15.0mm MATED STACK HEIGHT PLUGS

● 75003-0308	12	8.50 (0.335)	07J2496	16.22
● 75003-0310	12	10.50 (0.413)	28M9482	16.22
● 75003-0008	24	8.50 (0.335)	28M9477	19.90
● 75003-0010	24	10.50 (0.413)	28M9478	21.51
● 75003-0110	48	10.50 (0.413)	18M8254	41.18
● 75003-0210	72	10.50 (0.413)	28M9480	59.00

15.0mm MATED STACK HEIGHT RECEPTACLES

75005-0304.	12	10.50 (0.413)	07J2502	10.16
● 75005-0006	24	8.50 (0.335)	18M8256	12.12
75005-0004.	24	10.50 (0.413)	07J2498	11.82
● 75005-0104	48	10.50 (0.413)	07J2500	18.46
75005-0204.	72	10.50 (0.413)	07J2501	22.66

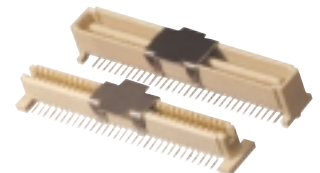
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0.039" (1.00mm) MEZZANINE IEEE 1386 CONNECTORS



- 64 circuit with locating pegs
- Meets IEEE 1386 standard
- Current: 1.0A
- Lead-free process compatible

The dual row smt 71436 series plug and 71439 series receptacle have been designed in accordance with EIA standards 700 AAAB for 1.0mm two-part connectors for use with parallel printed boards. They feature a leaf style design that protects pins, low insertion force and antiflux design.



71436 SERIES PLUGS

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-4	5-9
● 71436-0164	64	84C9470	8.79	7.35
● 71436-1164	64	01E8901	9.21	7.69
● 71436-2164	64	18M8248	9.16	7.66

71439 SERIES RECEPTACLES

● 71439-0164	64	38C1026	7.08	5.91
● 71439-1164	64	97C5312	9.21	7.69

➤ CONTINUED ➤

PC BOARD HEADERS & SOCKETS • PCB TO CABLE HEADERS & SOCKETS

0.039" (1.00mm) MEZZANINE IEEE 1386 CONNECTORS (CONT.)

71439 SERIES RECEPTACLES

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-4	5-9
71439-2164	64	95H7473	8.81	7.36
● 71439-3164	64	97C5309	9.60	8.02

COMBINED BOARD STACK HEIGHT

Plug	Receptacle	Height in. (mm)
71436-0164	71439-0164	0.315 (8.00)
71436-1164	71439-0164	0.354 (9.00)
71436-2164	71439-0164	0.394 (10.00)
71436-1164	71439-1164	0.433 (11.00)
71436-2164	71439-1164	0.472 (12.00)
71436-2164	71439-2164	0.512 (13.00)
71436-1164	71439-3164	0.551 (14.00)
71436-2164	71439-3164	0.591 (15.00)

(69842)

MZP SERIES 2.00mm (.079) PITCH HARD METRIC BOARD-TO-BOARD PCB RECEPTACLES



Just Added

- Voltage Rating: 500 V
- Current Rating: 1 A
- Dielectric Withstanding Voltage: 750 V
- Contact Resistance: 30 mΩ max.
- Insulation Resistance: 10,000 MΩ min.

Housing material: Liquid crystal polymer, glass-filled, contact material: phosphor bronze, and contact plating: gold.

RIGHT-ANGLE TYPE A COMPACT PCI J1/J4 WITH UPPER SHIELD RECEPTACLE

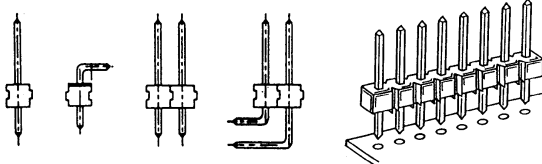
Mfg. Part No.	Circuits	No. of Rows	Stock No.	Price Each	
				1-24	25-49
● 544571106	110	5	01E9823	12.12	10.74

RIGHT-ANGLE TYPE B COMPACT PCI WITH UPPER SHIELD RECEPTACLE

● 54603-1102	110	5	57H6165	14.66	12.99
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(89619)

929 SERIES PIN STRIP HEADERS



Straight and right-angle one-row or two-row versions; 36 pins per row. Stackable. Solder standoffs facilitate production wave soldering. Copper alloy contacts with 10µ" 99% tin plating on pin and tails. Black, glass-filled polyester insulation. UL recognized.

0.100" STRAIGHT SOLDER TAIL — SINGLE ROW

Mfg. Part No.	Contacts	Length		Stock No.	Price Each
		Pin	Tail		
● 929800-01-36-RK	36	0.093"	0.110"	12M6431	1.48
● 929834-01-36-RK	36	0.235"	0.110"	12M6432	1.18
● 929647-01-36-EU*	36	0.235"	0.110"	12M6409	2.46
● 929400-01-36-RK	36	0.295"	0.130"	12M6405	1.40
● 929450-01-36-EU*	36	0.295"	0.130"	12M6406	2.48
● 929647-09-36-EU*	36	0.235"	0.145"	12M6413	2.37
● 929647-02-36-EU*	36	0.235"	0.210"	12M6410	2.57
929834-03-36	36	0.235"	0.410"	44F7503	1.68
● 929647-03-36-EU*	36	0.235"	0.410"	12M6411	3.19
● 929647-04-36-EU*	36	0.235"	0.510"	12M6412	4.09
● 929834-05-36-RK	36	0.235"	0.610"	96K5584	1.88
● 929700-01-36-RK	36	0.318"	0.110"	12M6422	1.48
● 929700-11-36-RK	36	0.318"	0.125"	12M6424	1.77
● 929700-06-36-RK	36	0.318"	0.710"	12M6423	2.06

0.100 x 0.100" STRAIGHT SOLDER TAIL — DUAL ROW

● 929836-01-36-RK	72	0.235"	0.110"	12M6435	1.88
● 929836-09-36-RK	72	0.235"	0.145"	12M6439	2.63
● 929665-09-36-EU*	72	0.235"	0.145"	12M6419	3.83
● 929665-02-36-EU*	72	0.235"	0.210"	12M6414	4.16
● 929836-08-36-RK	72	0.235"	0.310"	12M6438	2.94
● 929665-08-36-EU*	72	0.235"	0.310"	12M6418	4.49
● 929836-03-36-RK	72	0.235"	0.410"	12M6436	2.72
● 929665-03-36-EU*	72	0.235"	0.410"	12M6415	5.13
● 929665-04-36-EU*	72	0.235"	0.510"	12M6416	6.59
● 929836-05-36-RK	72	0.235"	0.610"	12M6437	2.85
● 929665-05-36-EU*	72	0.235"	0.610"	12M6417	7.10
● 929710-01-36-RK	72	0.318"	0.110"	12M6425	2.39

➔ CONTINUED ➔

929 SERIES PIN STRIP HEADERS (CONT.)

0.100 x 0.100" STRAIGHT SOLDER TAIL — DUAL ROW

Mfg. Part No.	Contacts	Length		Stock No.	Price Each
		Pin	Tail		
● 929710-11-36-RK	72	0.318"	0.125"	12M6428	2.88
● 929710-10-36-RK	72	0.318"	0.175"	12M6427	2.39
● 929715-10-36-EU*	72	0.318"	0.175"	12M6430	4.38
● 929710-03-36-RK	72	0.318"	0.410"	12M6426	3.41
● 929715-03-36-EU*	72	0.318"	0.410"	12M6429	5.71

0.100" RIGHT-ANGLE SOLDER TAIL — SINGLE ROW

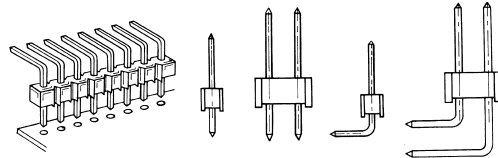
● 929835-01-36-RK	36	0.235"	0.110"	12M6434	1.42
929500-01-36-RK	36	0.295"	0.130"	12M6407	1.55
● 929550-01-36-EU* +	36	0.295"	0.130"	12M6408	3.08

0.100 x 0.100" RIGHT-ANGLE SOLDER TAIL — DUAL ROW

● 929838-01-36-RK	72	0.235"	0.110"	12M6440	2.39
● 929667-04-36-EU*	72	0.235"	0.140"	12M6421	5.48
● 929838-02-36-RK	72	0.235"	0.405"	12M6441	2.94
● 929667-02-36-EU*	72	0.235"	0.405"	12M6420	6.59

*10µ" gold plating on pin and tail; +Polarized (8399)

2300 SERIES PIN STRIP HEADERS



Straight and right-angle headers are available in a one-row version with 40 contacts or two-row version with 80 contacts. End-to-end and side-by-side stackable strips can be broken to any length for prototyping. Solder standoffs make it easy to wash flux residue, reducing rework. 10µ" gold and gold flash plating on phosphor bronze pins. Black, glass-filled polyester insulation material. 100µ" tin-lead plating on solder tails. Solder tail length: 0.120". Current rating: 1A.

STRAIGHT SOLDER TAIL — SINGLE ROW, 40 CONTACTS

Mfg. Part No.	Contacts	Plating	Pin Length	Stock No.	Price Each
2340-6111TG	40	10µ" Gold	0.230"	92F1474	0.79
2340-6211TG	40	10µ" Gold	0.318"	92F1476	0.79

STRAIGHT SOLDER TAIL — DUAL ROW

2380-6121TG	80	10µ" Gold	0.230"	92F1478	1.59
2380-6221TG	80	10µ" Gold	0.318"	92F1480	1.74

STRAIGHT KINKED SOLDER TAIL — SINGLE ROW

2340-6151TG	40	Gold	0.230"	09J7197	1.02
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RIGHT-ANGLE SOLDER TAIL — SINGLE ROW

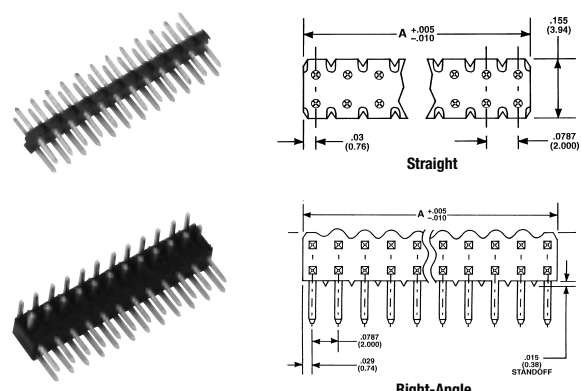
2340-5111TG	40	10µ" Gold	0.230"	92F1482	1.02
2340-5211TG	40	10µ" Gold	0.318"	92F1468	1.02

RIGHT-ANGLE SOLDER TAIL — DUAL ROW

2380-5121TG	80	10µ" Gold	0.230"	92F1470	2.31
2380-5221TG	80	Gold Flash	0.318"	92F1473	2.31

(8390)

2mm PIN STRIP HEADERS



- 2 mm x 2 mm Grid Spacing
- IR, Vapor and Wave Solder Compatible

- 0.130" High Copper Alloy Pins
- 0.118" Long Tails

➔ CONTINUED ➔

PCB TO CABLE HEADERS & SOCKETS

2mm PIN STRIP HEADERS (CONT.)

Straight and right-angle, solder tail pin strip headers mate with wire mount and PC board mount sockets; order separately on pages 631 and 674. Current rating: 1.5 A. Insulation resistance: > 5 x 10⁹ Ω at 250 VDC. Withstanding voltage: 500 VDC at sea level. Temperature range: -55°C to +105°C

STRAIGHT

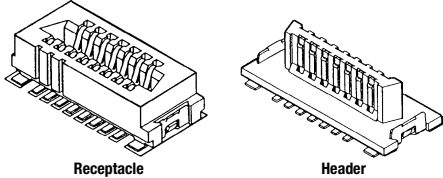
Mfg. Part No.	Contacts	Pin Length	Dim. A	Stock No.	Price Each	
					1-99	100-499
● 151208-8422-RB	8	0.152"	0.295"(7.5)	93K6354	0.97	0.83
● 151210-8322-RB	10	0.130"	0.374"(9.5)	93K6356	1.08	0.92
● 151210-8422-RB	10	0.152"	0.374"(9.5)	93K6357	1.08	0.92
● 151212-8322-RB	12	0.130"	0.453"(11.5)	93K6359	1.18	1.01
● 151212-8422-RB	12	0.152"	0.453"(11.5)	93K6360	1.18	1.01
● 151220-8322-RB	20	0.130"	0.768"(19.5)	93K6362	1.58	1.35
● 151220-8422-RB	20	0.152"	0.768"(19.5)	93K6363	1.58	1.35
● 151224-8422-RB	24	0.152"	0.925"(23.5)	93K6365	1.81	1.55
● 151226-8322-RB	26	0.130"	1.005"(25.5)	93K6367	1.92	1.64
● 151230-8322-RB	30	0.130"	1.162"(29.5)	93K6369	2.08	1.79
● 151230-8422-RB	30	0.152"	1.162"(29.5)	93K6370	2.08	1.79
● 151240-8322-RB	40	0.130"	1.556"(39.5)	93K6372	2.48	2.13
● 151240-8422-RB	40	0.152"	1.556"(39.5)	93K6373	2.48	2.13
● 151244-8322-RB	44	0.130"	1.714"(43.5)	93K6375	2.67	2.29
● 151244-8422-RB	44	0.152"	1.714"(43.5)	93K6376	2.67	2.29
● 151250-8322-RB	50	0.130"	1.950"(49.5)	93K6378	2.94	2.52
● 151250-8422-RB	50	0.152"	1.950"(49.5)	93K6379	2.94	2.52
● 151260-8322-RB	60	0.130"	2.344"(59.5)	93K6381	3.41	2.92
● 151260-8422-RB	60	0.152"	2.344"(59.5)	93K6382	3.41	2.92

RIGHT-ANGLE

● 151208-7422-RB	8	0.152"	0.295"(7.5)	69K7230	0.69	0.61
● 151210-7422-RB	10	0.152"	0.374"(9.5)	93K6355	0.72	0.62
● 151212-7422-RB	12	0.152"	0.453"(11.5)	93K6358	0.78	0.67
● 151220-7422-RB	20	0.152"	0.768"(19.5)	93K6361	1.05	0.90
● 151224-7422-RB	24	0.152"	0.925"(23.5)	93K6364	1.22	1.05
● 151226-7422-RB	26	0.152"	1.005"(25.5)	93K6366	1.29	1.10
● 151230-7422-RB	30	0.152"	1.162"(29.5)	93K6368	1.41	1.21
● 151240-7422-RB	40	0.152"	1.556"(39.5)	93K6371	1.89	1.62
● 151244-7422-RB	44	0.152"	1.714"(43.5)	93K6374	2.02	1.73
● 151250-7422-RB	50	0.152"	1.950"(49.5)	93K6377	2.21	1.89
● 151260-7422-RB	60	0.152"	2.344"(59.5)	93K6380	2.52	2.16

(6856B)

CONAN™ MICROMINIATURE 1mm CONNECTORS



Receptacle

Header

Low-profile, surface mount connectors feature dual rows of contacts on 0.039" (1.0) pitch. Mated height of 0.163" (4.15), allows for extremely close spacing of parallel circuit boards. Insulators withstand infrared and vapor-phase reflow soldering temperatures. Gold flash over palladium nickel finish in the contact areas provides reliable electrical performance. Tin-lead finish in the solder areas and 0.004" (0.1) lead coplanarity produce high-quality solder joints. Surface mount retainers increase mechanical strength after soldering. Polarized housings prevent mis-mating. Molded lead-in assists blind mating during final assembly. Integral passive latches protect against accidental disengagement from mechanical shocks or vibration. UL recognized, CSA certified.

Mfg. Part No.	Positions	Description	Stock No.	Price Each	
				1-9	10-24
● 91920-21115LF	15	Receptacle	06M2796	1.94	1.66
● 91920-21125LF	25	Receptacle	06M2798	4.36	3.42
● 91920-21151LF	51	Receptacle	06M2801	7.55	5.92
● 91920-21169	69	Receptacle	33B290	8.86	6.94
91900-21115	15	Header	33B091	3.24	2.54
● 91900-21125LF	25	Header	06M2628	3.94	3.08
91900-21151	51	Header	33B095	6.97	5.46
91900-21569	69	Header	33B132	7.70	6.03

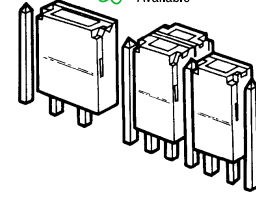
(8450)

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(94660)

MINI-JUMPTM 2-POSITION SHUNTS



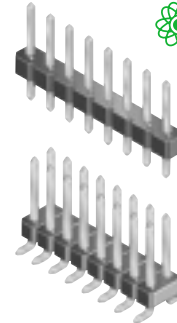
- Stackable on 0.100"(2.54) Centers
- Mate with 0.025"(0.635) Square and Round Pins
- Blue Housing, Rated UL94V-0
- UL Recognized, CSA Certified

Mfg. part no. 65474-001 is plated 40µ" gold, mfg. part no. 65474-002 is 100µ" tin-lead and mfg. part no. 65474-010 is 30µ" gold.

Mfg. Part No.	Stock No.	Price Each	
		1-99	100-499
● 65474-001	94F7344	0.33	
● 65474-002LF	06M1613	0.15	
● 65474-010	89F4580	0.24	

(8418)

UNSHROUDED VERTICAL SINGLE-ROW AND DOUBLE-ROW HEADERS



Thru-hole and surface mount headers in single-row and double-row configurations. Phosphor-bronze pins are 15µ" gold-plated in contact area and 150µ" tin/lead-plated on tail. High-temperature, black thermoplastic housing, flammability rated UL94V-0. Current rating: 3A continuous. Insulation resistance: 5000MΩ min. Dielectric withstanding voltage: 1500V. Post: 0.230" (5.84). Other versions and sizes are available; go online or call.

SINGLE-ROW, THRU-HOLE HEADERS

Mfg. Part No.	Positions Per Row	Stock No.	Price Each	
			1-49	50-99
54101-S08-04	4	22C1650	0.30	0.29
54101-S08-06	6	22C1654	0.77	0.73
54101-S08-08	8	22C1658	0.62	0.58
54101-S08-10	10	22C1662	1.37	1.28
54101-S08-12	12	22C1666	2.84	2.66
54101-S08-14	14	22C1670	1.11	1.04
54101-S08-16	16	22C1674	3.20	3.00
54101-S08-18	18	22C1678	2.28	2.13
54101-S08-20	20	22C1682	1.99	1.86

DOUBLE-ROW, THRU-HOLE HEADERS

54102-S08-02	2	22C2546	2.25	2.12
54102-S08-04	4	22C2550	2.70	2.53
54102-S08-06	6	22C2554	0.75	0.70
● 54102-S08-08LF	8	72K2509	1.53	1.44
● 67997-220HFL	10	86K8610	1.67	1.57
54102-S08-12	12	22C2566	3.87	3.62
54102-S08-18	18	22C2578	2.24	2.10

SINGLE-ROW, SURFACE MOUNT HEADERS

Mfg. Part No.	Positions Per Row	Stock No.	Price Each	
			1-49	50-99
54201-S08-03	3	22C3141	1.04	0.98
54201-S08-04	4	22C3142	2.35	2.21
54201-S08-05	5	22C3143	3.19	3.00
54201-S08-06	6	22C3144	2.27	2.13
54201-S08-07	7	22C3145	3.02	2.84
54201-S08-08	8	22C3146	2.73	2.62
54201-S08-09	9	22C3147	2.91	2.72
54201-S08-10	10	22C3148	7.20	6.71
54201-S08-11	11	22C3149	2.67	2.53
54201-S08-12	12	22C3150	2.70	2.56
54201-S08-13	13	22C3151	10.88	10.14
54201-S08-14	14	22C3152	2.87	2.72
54201-S08-15	15	22C3153	10.88	10.14
54201-S08-16	16	22C3154	10.93	10.18
54201-S08-17	17	22C3155	8.24	7.72

DOUBLE-ROW, SURFACE MOUNT HEADERS

● 54202-S0802LF	2	75K2517	2.28	2.14
54202-S08-04	4	22C3244	0.50	0.47
54202-S08-06	6	22C3246	0.38	0.36
54202-S08-08	8	22C3248	2.09	1.95
54202-S08-10	10	22C3250	1.10	1.03
54202-S08-12	12	22C3252	0.79	0.75
54202-S08-14	14	22C3254	1.40	1.33

▶ CONTINUED ▶

PCB TO CABLE HEADERS & SOCKETS

UNSHROUDED VERTICAL SINGLE-ROW AND DOUBLE-ROW HEADERS (CONT.)

DOUBLE-ROW, SURFACE MOUNT HEADERS

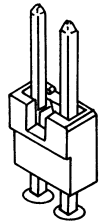
Mfg. Part No.	Positions Per Row	Stock No.	Price Each	
			1-49	50-99
54202-S08-16	16	22C3256	1.45	1.37
54202-S08-18	18	22C3258	2.96	2.79
54202-S08-20	20	22C3260	4.69	4.39

(61184)

SHUNT JUMPER SYSTEMS



- Standard 2-Position for 0.100" (2.54) Centers
- Shunts Mate with 0.025" (0.635) Square and Round Pins
- Contact Resistance: 15 Megohms
- Current Rating: 2.5A Max. Per Contact
- UL Recognized, CSA Certified



Low-Profile



High Body

Economical, stackable jumper systems are applicable for bussing, programming and switch replacement. Low-profile shunts stand 0.200" (5.08) above PC board; high-body shunts stand 0.360" (9.15) above PC board. Dual-beam, phosphor-bronze contacts, and black glass-filled thermoplastic polyester housing, rated UL94V-0.

LOW-PROFILE SHUNTS

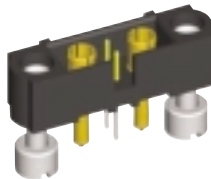
Mfg. Part No.	Plating	Stock No.	Price Each
			1-99
● 68786-202	30µ" Gold	89F4578	0.20
● 68786-302LF	100µ" Tin Lead	06M1818	0.11
● 68786-302LF	100µ" Tin Lead	06M1818	0.11

HIGH-BODY SHUNTS

● 71363-102	15µ" Gold	97F9685	0.12
● 71363-202	30µ" Gold	97F9686	0.13
● 71363-302LF	100µ" Tin Lead	72K3596	0.12
● 71363-302LF	100µ" Tin Lead	72K3596	0.12

(8419)

MIXED TECHNOLOGY DATAMATE JACKSCREW CONNECTORS



Specifications:

- Housing material: 30% GF PBT or Nylon 46
- Current rating: 3 A
- Working voltage: 240 VAC/DC
- Contact resistance: 25mΩ
- Frequency range: 6GHz
- Impedance: 50 Ω
- V.S.W.R.: Less than 1.05 + 0.04F (GHz)

Features:

- Increased functionality per connector
- Signal, power and coax mix
- Other contact configurations available
- Wire to wire; board to board; wire to board configurations available
- Polarized moldings

FEMALE

Mfg. Part No.	No. of Contacts	Connecting Termination	Stock No.	Price Each
				1-9
M80-4D102F1-11-327	4	2 signal crimp, 2 power solder	83K1590	23.54
M80-4C100F1-60-327	6	0 signal, 6 power solder	83K1589	26.71
M80-4D110F1-12-305	13	10 signal crimp, 3 coax crimp	83K1591	43.84

MALE

M80-5T202M3-11-332	4	2 signal, 2 power vert PC tail	83K1606	28.04
M80-5T200M3-60-332	6	0 signal, 6 power vert PC tail	83K1605	29.37
M80-5L110M1-12-313	13	10 signal, 3 coax horizontal PC tail	83K1604	48.22

(88639)

SMT DATAMATE L-TEK



Specifications:

- Current rating: 3 A
- Working voltage: 240 VAC/DC
- Contact resistance: 25 mΩ

Features:

- Polarized moldings
- Latched, friction lock or no latch

Mfg. Part No.	Contacts	Description	Stock No.	Price Each
				1-9
M80-8260422	4	2+2 WAY VERT SMT	56K2673	3.32
M80-8260622	6	3+3 WAY VERT SMT	56K2674	3.52

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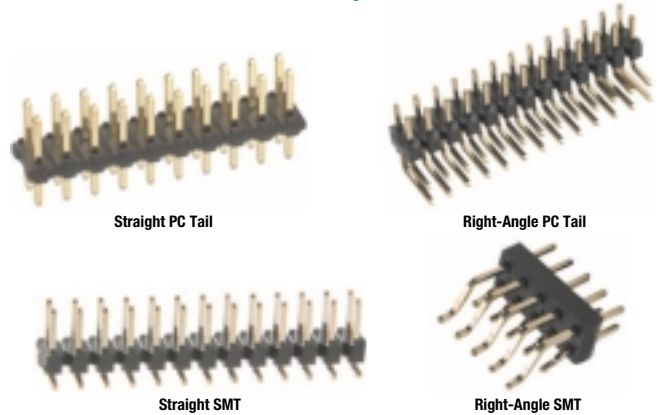
SMT DATAMATE L-TEK (CONT.)

Mfg. Part No.	Contacts	Description	Stock No.	Price Each
				1-9
M80-8260822	8	4+4 WAY VERT SMT	56K2675	3.73
M80-8261022	10	5+5 WAY VERT SMT	56K2676	3.92
M80-8261222	12	6+6 WAY VERT SMT	56K2677	4.13
M80-8261422	14	7+7 WAY VERT SMT	56K2678	4.34
M80-8261622	16	8+8 WAY VERT SMT	56K2679	4.83
M80-8262022	20	10+10 WAY VERT SMT	56K2680	5.26
M80-8270422	4	2+2 WAY VERT SMT FRICTION LATCH	71K8580	3.32
M80-8270622	6	3+3 WAY VERT SMT FRICTION LATCH	71K8582	3.52
M80-8270822	8	4+4 WAY VERT SMT FRICTION LATCH	71K8584	3.73
M80-8271022	10	5+5 WAY VERT SMT FRICTION LATCH	71K8586	3.92
M80-8271222	12	6+6 WAY VERT SMT FRICTION LATCH	71K8588	4.13
M80-8271422	14	7+7 WAY VERT SMT FRICTION LATCH	71K8590	4.34
M80-8271622	16	8+8 WAY VERT SMT FRICTION LATCH	71K8592	4.83
M80-8272022	20	10+10 WAY VERT SMT FRICTION LATCH	71K8594	5.26
M80-8280422	4	2+2 WAY VERT SMT LATCHED	56K2682	3.32
M80-8280622	6	3+3 WAY VERT SMT LATCHED	56K2683	3.52
M80-8280822	8	4+4 WAY VERT SMT LATCHED	56K2684	3.73
M80-8281022	10	5+5 WAY VERT SMT LATCHED	67H8616	3.92
M80-8281222	12	6+6 WAY VERT SMT LATCHED	56K2685	4.13
M80-8281422	14	7+7 WAY VERT SMT LATCHED	56K2686	4.34
M80-8281622	16	8+8 WAY VERT SMT LATCHED	56K2687	4.83
M80-8282022	20	10+10 WAY VERT SMT LATCHED	56K2688	5.26

(88653)

M22 SERIES MALE CONNECTORS

Just Added



- Unshrouded
- Body material: Nylon
- Pitch spacing: 0.08"
- Contact finish: Gold
- Housings available; order separately on page 655
- Suitable for use with female connectors; order separately on pages 649-650

SINGLE ROW STRAIGHT PC TAIL

Mfg. Part No.	Contacts	Stock No.	Price Each
			1-24
● M22-2510205	2	33K3483	0.11
● M22-2510305	3	37K8782	0.16
● M22-2510405	4	26K1917	0.25
● M22-2510505	5	73J8901	0.30
● M22-2510605	6	56K0371	0.37
● M22-2511005	10	98H0416	0.61
● M22-2511405	14	56K0386	0.83
● M22-2512005	20	56K0398	1.21

DUAL ROW STRAIGHT PC TAIL

● M22-2520205	4	56K0414	0.25
● M22-2520305	6	89H8939	0.37
● M22-2520405	8	89H8942	0.49
● M22-2520505	10	56K0418	0.61
● M22-2520605	12	56K0420	0.73
● M22-2521005	20	56K0426	1.21
● M22-2521405	28	56K0434	1.73
● M22-2522005	40	56K0445	2.43

SINGLE ROW RIGHT-ANGLE PC TAIL

● M22-2530205	2	56K0461	0.15
● M22-2530305	3	43K8563	0.20
● M22-2530405	4	56K0464	0.30
● M22-2530505	5	56K0466	0.35
● M22-2530605	6	56K0468	0.40

▶ CONTINUED ▶

PCB TO CABLE HEADERS & SOCKETS

M22 SERIES MALE CONNECTORS (CONT.)

SINGLE ROW RIGHT-ANGLE PC TAIL

Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-24	25-49
● M22-2531005	10	56K0475	0.71	
● M22-2531405	14	56K0483	0.94	
● M22-2532005	20	56K0495	1.78	

DUAL ROW RIGHT-ANGLE PC TAIL

● M22-2540205	4	56K0507	0.32	
● M22-2540305	6	56K0509	0.42	
● M22-2540405	8	56K0511	0.55	
● M22-2540505	10	56K0513	0.69	
● M22-2540605	12	56K0515	0.82	
● M22-2541005	20	56K0523	1.37	
● M22-2541405	28	56K0530	1.92	
● M22-2542005	40	56K0542	2.95	

DOUBLE ROW STRAIGHT PC TAIL

● M22-2580205	4	56K0554	0.28	
● M22-2580305	6	56K0556	0.42	
● M22-2580405	8	56K0558	0.56	
● M22-2580505	10	56K0560	0.70	
● M22-2580605	12	56K0562	0.60	
● M22-2581005	20	56K0570	1.39	
● M22-2581405	28	56K0578	1.40	
● M22-2582005	40	56K0590	2.80	

DUAL ROW STRAIGHT SMT

● M22-5320205	4	56K0691	0.44	
● M22-5320305	6	56K0696	0.53	
● M22-5320405	8	81H4316	0.67	
● M22-5320505	10	85H0480	0.83	
● M22-5320605	12	13J3323	0.97	
● M22-5321005	20	37J0146	1.56	
● M22-5321405	28	56K0755	0.22	
● M22-5322005	40	56K0788	3.12	

SINGLE ROW RIGHT-ANGLE SMT

● M22-5330205	2	56K0824	0.25	
● M22-5330305	3	56K0825	0.37	
● M22-5330405	4	56K0826	0.49	
● M22-5330505	5	56K0827	0.61	
● M22-5330605	6	56K0828	0.73	
● M22-5331005	10	56K0832	1.22	
● M22-5331405	14	56K0836	1.70	
● M22-5332005	20	56K0842	2.44	

DUAL ROW RIGHT-ANGLE SMT

● M22-5430305	6	56K0848	0.84	
● M22-5430405	8	56K0849	1.12	
● M22-5430505	10	56K0850	1.40	
● M22-5430605	12	56K0851	1.68	
● M22-5431005	20	56K0855	2.79	
● M22-5431405	28	56K0859	3.90	
● M22-5432005	40	56K0865	5.58	

JUMPER SOCKETS

Mfg. Part No.	Color	Contact Finish	Stock No.	Price Each	
				1-24	25-49
● M22-1900005	Black	Gold	56K0291	0.14	
● M22-1900046	Black	Tin	03M3586	0.13	
● M22-1910005	Blue	Gold	02J7738	0.14	
● M22-1910046	Blue	Tin	03M3587	0.13	
● M22-1920005	Red	Gold	56K0294	0.14	
● M22-1920046	Red	Tin	03M3588	0.13	

(90408)

M22 SERIES FEMALE CRIMP HOUSINGS



- Body material: Nylon 6%
- Pitch spacing: 0.080"
- Twin-leaf phosphor bronze contacts, rear insertable into housing; order separately below
- Suitable to use with male connectors on pages 654-655



Just Added

SIL CRIMP MOULDING

Mfg. Part No.	No. of Contacts	Stock No.	Price Each	
			1-24	25-49
● M22-3010200	2	56K0645	0.22	0.20
● M22-3010300	3	56K0646	0.27	0.24

▶ CONTINUED ▶

M22 SERIES FEMALE CRIMP HOUSINGS (CONT.)

Mfg. Part No.	No. of Contacts	Stock No.	Price Each	
			1-24	25-49
● M22-3010400	4	56K0647	0.31	0.28
● M22-3010500	5	56K0648	0.35	0.31
● M22-3010600	6	87H9438	0.39	0.35
● M22-3011000	10	56K0651	0.52	0.47
● M22-3011400	14	56K0655	0.65	0.57
● M22-3012000	12	56K0661	0.85	0.76

DIL CRIMP MOULDING

● M22-3020200	4	56K0662	0.30	0.26
● M22-3020300	6	56K0663	0.37	0.33
● M22-3020400	8	56K0664	0.44	0.39
● M22-3020500	10	81H3906	0.51	0.46
● M22-3020600	12	03H3162	0.58	0.52
● M22-3021000	20	56K0668	0.86	0.77
● M22-3021400	28	56K0671	1.16	1.03
● M22-3022000	40	56K0677	1.57	1.40

CONTACTS

Mfg. Part No.	Wire Size (AWG)	Contact Finish	Stock No.	Price Each	
				1-24	25-49
M22-3040042	24-30	Gold + Tin	41M6942	662.61	590.33
M22-3040046	24-30	Tin	41M6947	470.40	419.08
● M22-3050042	24-30	Gold + Tin	41M1847	735.63	655.38
● M22-3050046	24-30	Tin	41M1848	894.58	796.99

(90403)

M50 SERIES MALE CONNECTORS

Just Added



- Number of rows: 2
- Body material: Nylon
- Pitch spacing: 0.05"
- Contact finish: Gold over tin
- Suitable for use with female connectors; order separately on pages 649-650

STRAIGHT PC TAIL

Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-24	25-49
● M50-3500542	10	87K0158	0.92	
● M50-3500642	12	03M4121	1.02	
● M50-3500842	16	03M4123	1.23	
● M50-3501042	20	74K2300	1.44	
● M50-3501242	24	03M4125	1.54	
● M50-3501542	30	03M4127	2.08	
● M50-3502042	40	03M4128	2.49	
● M50-3502542	50	03M4129	3.00	

STRAIGHT SMT

● M50-3600542	10	84K7720	0.96	
● M50-3600642	12	03M4137	1.08	
● M50-3600842	16	03M4139	1.34	
● M50-3601042	20	03M4141	1.60	
● M50-3601242	24	03M4143	1.86	
● M50-3601542	30	03M4144	2.25	
● M50-3602042	40	03M4145	2.91	
● M50-3602542	50	03M4146	2.96	

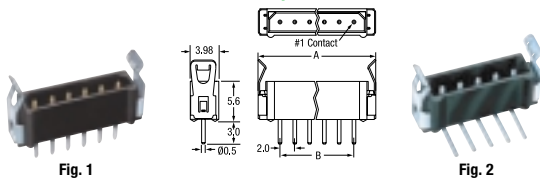
RIGHT-ANGLE PC TAIL

● M50-3900542	10	03M4153	1.14	
● M50-3900642	12	03M4154	1.30	
● M50-3900842	16	03M4156	1.62	
● M50-3901042	20	03M4158	1.93	
● M50-3901242	24	03M4160	2.26	
● M50-3901542	30	03M4161	2.74	
● M50-3902042	40	03M4162	3.52	
● M50-3902542	50	03M4163	4.00	

(90462)

PCB TO CABLE HEADERS & SOCKETS

SINGLE ROW 2mm DATAMATE L-TEK CONNECTORS



- Glass-Filled Thermoplastic Housings, Rated UL94V-0
 - Polarized Moldings
 - Fully Shrouded Contacts
 - Female Crimp 4-Finger Brass Shell Contacts
 - Male Crimp Phosphorous Bronze Contacts
 - Plating: Gold Contact Area, Tin/Lead Tails
 - Current: 3.3A Per Contact
 - Operating Temperature: -55°C to +125°C
- High-reliability miniature connectors in vertical or horizontal configurations. Suitable for board-to-board, board-to-wire and wire-to-wire applications. Choice of latched or friction-lock housing. Unlatched and dual row versions also available; go online or call. Order replacement contacts, strain relief straps and tooling separately on page 657.

VERTICAL MALE HEADERS — FIG. 1

Mfg. Part No.	Ways	Housing	Dimensions (mm)		Stock No.	Price Each
			A	B		
M80-8770222	2	Latched	7.6	2.0	01E9563	1.86
M80-8050222	2	Friction Lock	7.6	2.0	01E9523	2.00
M80-8770322	3	Latched	9.6	4.0	01E9564	1.92
M80-8050322	3	Friction Lock	9.6	4.0	01E9524	2.07

HORIZONTAL MALE HEADERS WITH STRAIN RELIEF STRAPS — FIG. 2

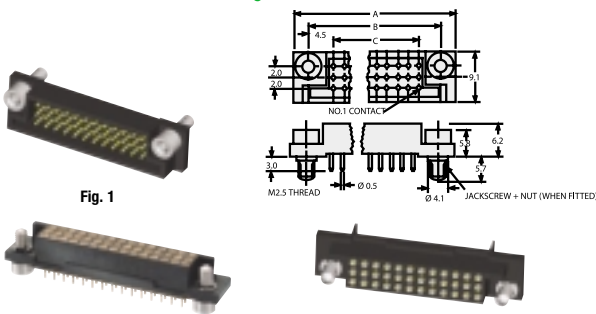
Mfg. Part No.	Ways	Housing	Dimensions (mm)		Stock No.	Price Each
			A	B		
M80-8760222	2	Latched	7.6	2.0	01E9561	2.43
M80-8040222	2	Friction Lock	7.6	2.0	01E9521	2.43
M80-8760322	3	Latched	9.6	4.0	01E9562	2.50
M80-8040322	3	Friction Lock	9.6	4.0	01E9522	2.50

SMALL BORE FEMALE-CRIMP RECEPTACLES

Mfg. Part No.	Ways	Dimensions (mm)		Stock No.	Price Each
		A	B		
M80-8980205	2	7.3	2.0	01E9579	0.92
M80-8980305	3	9.3	4.0	01E9580	1.35

(73491)

2MM (.079") DATAMATE CONNECTORS



- Current: 3.3A Per Single Contact
- Glass-Filled Thermoplastic Housing, Rated UL94V-0
- Polarized Molding, Fully Shrouded Contacts
- Female Crimp 4-Finger Brass Shell Contacts
- Male Phosphorous Bronze Contacts
- Plating: Gold Contact Area, Tin/Lead Tails
- Operating Temperature: -55°C to +125°C

High-reliability miniature connectors in vertical configurations. Jackscrews provide secure mating. Suitable for wire-to-board and board-to-board applications. 36 and 51 position connector available, go online or call. Order replacement contacts, strain relief straps and tooling separately on page 657.

TRIPLE ROW, VERTICAL BOARD MOUNT HEADERS W/ JACKSCREWS — FIG. 1

Mfg. Part No.	Ways	Dimensions (mm)			Stock No.	Price Each
		A	B	C		
M80-7002722	27	31.10	25.00	16.00	81H1831	8.18
M80-7003622	36	37.10	31.10	22.00	81H1836	9.53
M80-7004522	45	43.10	37.00	28.00	98H4005	10.75
M80-7005122	51	47.10	41.10	32.00	73H2833	11.57
M80-7006322	63	55.10	49.00	40.00	81H1838	13.19

TRIPLE ROW, VERTICAL BOARD MOUNT RECT. W/ JACKSCREWS — FIG. 2

M80-7042705	27	31.10	25.00	16.00	81H1839	11.13
M80-7043605	36	37.10	31.10	22.00	81H1840	14.16
M80-7044505	45	43.10	37.00	28.00	81H1842	17.14
M80-7045105	51	47.10	41.10	32.00	81H1843	19.11
M80-7046305	63	55.10	49.00	40.00	81H1844	22.99

TRIPLE ROW, SMALL BORE FEMALE-CRIMP RECT. W/ JACKSCREWS — FIG. 3

M80-7052705	27	31.10	25.00	16.00	81H1847	13.50
M80-7053605	36	37.10	31.10	22.00	81H1848	16.93
M80-7054505	45	43.10	37.00	28.00	54H1174	20.33
M80-7055105	51	47.10	41.10	32.00	65H5739	22.61
M80-7056305	63	55.10	49.00	40.00	81H1849	27.14

➔ CONTINUED ➔

2MM (.079") DATAMATE CONNECTORS (CONT.)

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
M80-0130005	Replacement Female-Crimp Contact, 24-28 AWG	01E9519	0.30
M80-0110005	Replacement Large Bore Female-Crimp Contact, 22 AWG	97H4879	0.28

TOOLING

M22520/2-01	Standard MIL Spec Circular Crimp Tool*	01E9487	563.72
T5747	Positioner for Mfg. Part No. M22520/2-01 Crimp Tool	01E9679	122.14
Z80-280	Insertion/Removal Tool for Male and Female Crimp	28K1493	168.14

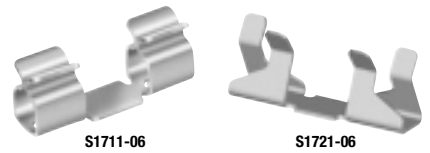
*For use with Mfg. Part No. T5747 positioner; order separately above. (78761)

MINI RFI SHIELD CLIPS FOR EMI/RFI SHIELDS



- Base material: Beryllium Copper
- Finish: Tin Lead
- Pack of 100

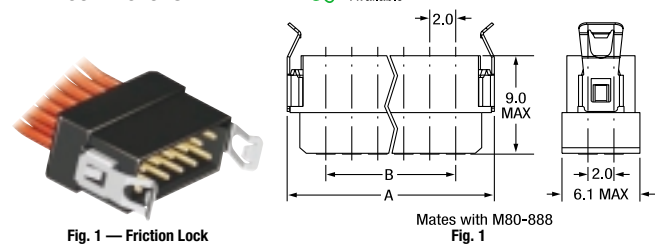
Mini shield clips for EMI/RFI shields are 40% smaller than standard Harwin shields clips. Clip simply assembly tuning and rework. Tape & Reel for automatic placement available, go online or call.



Mfg. Part No.	Length (mm)	Width (mm)	Height (mm)	Stock No.	Price Each
					1-4
S1711-46R	8.79	2.20	3.45	48K7263	0.16
S1721-06	5.08	1.07	2.23	98H4033	12.01

(78803)

DUAL ROW 2mm DATAMATE L-TEK CONNECTORS



- Glass-Filled Thermoplastic Housings, Rated UL94V-0
- Polarized Moldings
- Fully Shrouded Contacts
- Female Crimp 4-Finger Brass Shell Contacts
- Male Crimp Phosphorous Bronze Contacts
- Plating: Gold Contact Area, Tin/Lead Tails
- Current: 3.3A Per Contact
- Operating Temperature: -55°C to +125°C

High-reliability miniature connectors in vertical or horizontal configurations. Suitable for board-to-board, board-to-wire and wire-to-wire applications. Choice of latched or friction-lock housing. Unlatched versions also available; go online or call. Order replacement contacts, strain relief straps and tooling separately on page 657.

VERTICAL MALE HEADERS — FIG. 1

Mfg. Part No.	Ways	Housing	Dimensions (mm)		Stock No.	Price Each
			A	B		
M80-8670422	2+2	Latched	7.6	2.0	01E9554	2.64
M80-8150422	2+2	Friction Lock	7.6	2.0	01E9536	2.64
M80-8670622	3+3	Latched	9.6	4.0	01E9555	2.80
M80-8150622	3+3	Friction Lock	9.6	4.0	01E9537	3.02
M80-8670822	4+4	Latched	11.6	6.0	01E9556	2.97
M80-8150822	4+4	Friction Lock	11.6	6.0	01E9538	2.97
M80-8671022	5+5	Latched	13.6	8.0	01E9557	3.13
M80-8151022	5+5	Friction Lock	13.6	8.0	01E9539	3.13
M80-8671222	6+6	Latched	15.6	10.0	01E9558	3.29
M80-8151222	6+6	Friction Lock	15.6	10.0	01E9540	3.55
M80-8672022	10+10	Latched	23.6	18.0	01E9559	4.19
M80-8152022	10+10	Friction Lock	23.6	18.0	01E9541	4.19

HORIZONTAL MALE HEADERS WITH STRAIN RELIEF STRAPS — FIG. 1

M80-8660422	2+2	Latched	7.6	2.0	01E9547	4.03
M80-8140422	2+2	Friction Lock	7.6	2.0	01E9529	4.03
M80-8660622	3+3	Latched	9.6	4.0	01E9548	4.24
M80-8140622	3+3	Friction Lock	9.6	4.0	01E9530	4.24
M80-8660822	4+4	Latched	11.6	6.0	01E9549	4.46
M80-8140822	4+4	Friction Lock	11.6	6.0	01E9531	4.46
M80-8661022	5+5	Latched	13.6	8.0	01E9550	4.65
M80-8141022	5+5	Friction Lock	13.6	8.0	01E9532	4.65
M80-8661222	6+6	Latched	15.6	10.0	01E9551	4.87

➔ CONTINUED ➔

PCB TO CABLE HEADERS & SOCKETS

DUAL ROW 2mm DATAMATE L-TEK CONNECTORS (CONT.)

HORIZONTAL MALE HEADERS WITH STRAIN RELIEF STRAPS — FIG. 1

Mfg. Part No.	Ways	Housing	Dimensions (mm)		Stock No.	Price Each
			A	B		
M80-8141222	6+6	Friction Lock	15.6	10.0	01E9533	4.87
M80-8662022	10+10	Latched	23.6	18.0	01E9552	5.98
M80-8142022	10+10	Friction Lock	23.6	18.0	01E9534	5.98

SMALL BORE MALE-CRIMP CABLE-TO-CABLE CONNECTOR — FIG. 1

● M80-8120405	2+2	Latched	8.1	2.0	01E9525	1.55
● M80-8160405	2+2	Friction Lock	8.1	2.0	01E9543	1.55
● M80-8120805	4+4	Latched	12.1	6.0	01E9526	2.88
● M80-8160805	4+4	Friction Lock	12.1	6.0	01E9544	2.88
● M80-8121005	5+5	Latched	14.1	8.0	01E9527	3.48
● M80-8161005	5+5	Friction Lock	14.1	8.0	01E9545	3.48
● M80-8121205	6+6	Latched	16.1	10.0	01E9528	4.16
● M80-8161205	6+6	Friction Lock	16.1	10.0	01E9546	4.16

SMALL BORE FEMALE-CRIMP RECEPTACLES — FIG. 2

Mfg. Part No.	Ways	Dimensions (mm)		Stock No.	Price Each
		A	B		
● M80-8880405	2+2	7.3	2.0	01E9572	1.63
● M80-8880605	3+3	9.3	4.0	01E9573	2.39
● M80-8880805	4+4	11.3	6.0	01E9574	3.02
● M80-8881005	5+5	13.3	8.0	01E9575	3.66
● M80-8881205	6+6	15.3	10.0	01E9576	4.37
● M80-8882005	10+10	23.3	18.0	01E9577	6.79

PC BOARD RECEPTACLES — FIG. 3

M80-8870401	2+2	7.3	2.0	01E9565	1.55
● M80-8500442	2+2	7.3	2.0	69K7323	1.55
M80-8870601	3+3	9.3	4.0	01E9566	2.07
● M80-8500642	3+3	9.3	4.0	69K7324	2.24
M80-8870801	4+4	11.3	6.0	01E9567	2.64
● M80-8500842	4+4	11.3	6.0	69K7325	2.84
M80-8871001	5+5	13.3	8.0	01E9568	3.21
● M80-8501042	5+5	13.3	8.0	69K7326	3.46
M80-8871201	6+6	15.3	10.0	01E9569	3.82
● M80-8501242	6+6	15.3	10.0	69K7327	4.11
M80-8872001	10+10	23.3	18.0	01E9570	5.97
● M80-8502042	10+10	23.3	18.0	69K7328	6.43

(94393)

DATAMATE TOOLS AND ACCESSORIES



ACCESSORIES

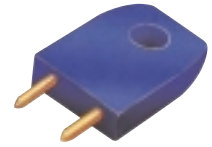
Mfg. Part No.	Description	Stock No.	Price Each
● M80-0030006	Strain Relief Straps	01E9518	0.12
● M80-0410005	Replacement Male-Crimp Contact, 24-28 AWG*	01E9520	0.33
● M80-0130005	Replacement Female-Crimp Contact, 24-28 AWG*	01E9519	0.30

TOOLING

M22520/2-01	Standard MIL Spec Circular Crimp Tool	01E9487	563.72
T5747	Positioner for Mfg. Part No. M22520/2-01 Crimp Tool	01E9679	122.14
Z80-280	Insertion/Removal Tool for Male and Female Crimp Contacts	28K1493	168.14
T5746	Separator Tool	01E9678	15.51

*22 AWG crimp contacts available; go online or call. (94394)

1.0mm INSULATED AND UNINSULATED PC BOARD PLUGS



D3086-99

Insulated gold-plated brass plugs are color-coded red or black. Non-insulated brass plugs are available with gold or tin plating. Current rating: 10A @ 20°C. For full dimensional information go online or call

INSULATED PLUGS — FIG. 1

Mfg. Part No.	Color	Dim. A (mm)	Stock No.	Price Each	
				Each	2-4
● D3086-99	Red	5.08	01E9242	0.43	0.40
● D3087-99	Red	6.35	01E9244	0.43	0.40
● D3086-98	Black	5.08	01E9241	0.43	0.40
● D3087-98	Black	6.35	01E9243	0.43	0.40

INSULATED PLUGS — FIG. 2

Mfg. Part No.	Color	Dim. A (mm)	Stock No.	Price Each	
				Each	2-4
● D3088-99	Red	10.16	01E9246	0.46	0.43

UNINSULATED PLUGS — FIG. 3

Mfg. Part No.	Plating	Dimensions (mm)		Stock No.	Price Each	
		A	B		Each	2-4
● D3080-05	Gold	5.08	9.00	01E9238	0.16	0.15
● D3080-46	Tin	5.08	9.00	69K7288	0.07	0.06
● D3081-46	Tin	6.35	9.00	69K7289	0.10	0.10
● D3082-46	Tin	10.16	9.00	69K7290	0.16	0.15

(73823)

SHUNT JUMPERS

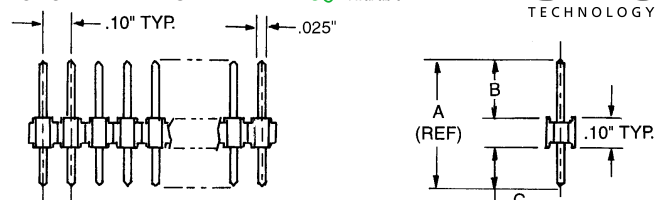
Allows quick connection of circuits on circuit boards, shorting socket jumper for address or code strip line plugs. Sold in packages of 25.



Mfg. Part No.	Pitch Spacing (mm)	Style	Stock No.	Price Each	
				1-9	10-25
● SPC19809	2.54	Open	84K8571	1.73	
● SPC19808	2.54	Closed	84K8570	1.36	
● SPC19807	2.54	Open	84K8569	1.36	
● SPC19806	2.54	Closed	84K8568	2.00	
● SPC19810	2.54	Open	84K8572	2.00	
● SPC20479	2.54	With Handle	93K5732	0.15	
● SPC20480	2	Open	93K5733	0.25	

(7862)

SINGLE-ROW STRAIGHT PC BOARD HEADERS



0.100" (2.54) PC Board Header

Plating: 1 = Tin over nickel; 2 = Gold on mating end, tin over nickel on solder end. 3 = Gold Plating on Mating End, Full Flash Gold on Solder End. Operating temperature: -65°C to +260°C. (*) Sold in packages of 5.

0.100" (2.54) PC BOARD HEADERS

Mfg. Part No.	Positions	Plating	Dimensions			Stock No.	Price per Pkg.	
			A	B	C		1-24	25-49
● SPC20485	2	1	0.455"	0.235"	0.120"	93K5738	0.06	0.05
● SPC20486	3	1	0.455"	0.235"	0.120"	93K5739	0.09	0.07
● SPC20487	4	1	0.455"	0.235"	0.120"	93K5740	0.12	0.10
● 8431-0725*	5	1	0.455"	0.235"	0.120"	16N2606	1.67	1.42
● SPC20488	5	1	0.455"	0.235"	0.120"	93K5741	0.14	0.12
● SPC20489	10	1	0.455"	0.235"	0.120"	93K5742	0.28	0.24
● SPC20490	40	1	0.455"	0.235"	0.120"	93K5743	1.11	0.95
● SPC20481	2	3	0.455"	0.235"	0.120"	93K5734	0.06	0.05
● SPC20483	3	3	0.455"	0.235"	0.120"	93K5736	0.12	0.10
● SPC20482	4	3	0.455"	0.235"	0.120"	93K5735	0.09	0.07
● SPC20484*	40	3	0.455"	0.235"	0.120"	93K5737	1.11	0.95

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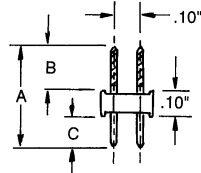
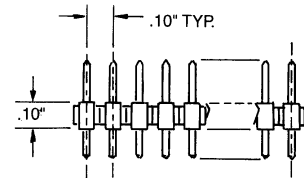
PCB TO CABLE HEADERS & SOCKETS

SINGLE-ROW STRAIGHT PC BOARD HEADERS (CONT.)

0.079" (2.01) PC BOARD HEADERS

Mfg. Part No.	Positions	Plating	Dimensions			Stock No.	Price per Pkg.	
			A	B	C		1-24	25-49
8431-0786	40	2	0.320"	0.140"	0.120"	16N2668	2.86	2.43
● SPC20491*	40	3	0.320"	0.140"	0.120"	93K5744	1.33	1.14

DOUBLE-ROW STRAIGHT PC BOARD HEADERS



0.100" (2.54) PC Board Header

0.100" (2.54) PC board headers. Plating: 1 = Tin over nickel; 2 = Gold on mating end, tin over nickel on solder end. 3 = Gold Plating on Mating End, Full Flash Gold on Solder End. Operating temperature: -65°C to +260°C. (*) Sold in packages of 5

Mfg. Part No.	Positions	Plating	Dimensions			Stock No.	Price Each	
			A	B	C		1-24	25-49
● SPC20498*	2	1	0.455"	0.235"	0.120"	93K5751	0.07	0.06
8431-0733	4	1	0.455"	0.235"	0.120"	16N2615	1.71	1.46
● SPC20499	4	1	0.455"	0.235"	0.120"	93K5752	0.14	0.12
● SPC20500	6	1	0.455"	0.235"	0.120"	93K5753	0.21	0.18
● SPC20501	8	1	0.455"	0.235"	0.120"	93K5754	0.28	0.24
8431-0739	10	1	0.455"	0.235"	0.120"	16N2621	0.79	0.67
● SPC20502	10	1	0.455"	0.235"	0.120"	93K5755	0.35	0.29
● SPC20503	20	1	0.455"	0.235"	0.120"	93K5756	0.69	0.59
● SPC20504	40	1	0.455"	0.235"	0.120"	93K5757	1.03	0.88
8431-0736	6	2	0.455"	0.235"	0.120"	16N2618	3.83	3.26
● SPC20493	6	3	0.455"	0.235"	0.120"	93K5746	0.21	0.18
● SPC20494	8	3	0.455"	0.235"	0.120"	93K5747	0.28	0.24
● SPC20495	10	3	0.455"	0.235"	0.120"	93K5748	0.35	0.29
● SPC20496	20	3	0.455"	0.235"	0.120"	93K5749	0.69	0.59
● SPC20497	40	3	0.455"	0.235"	0.120"	93K5750	1.37	1.17

0.80mm (.031") PITCH HANDYLINK™ SMT RECEPTACLES



Specifications:

- Pitch spacing: 0.80 mm (.031")
- Current rating: 1.5 A
- Voltage rating: 30 V
- Body material: Liquid crystal polymer, glass-filled
- UL 94V-0

- Features:
- PCB thru-hole
 - Dual row

Just Added

Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-24	25-49
● 44828-1162	16	58J9068	4.47	3.96
● 45339-1600	16	58J9072	4.39	3.89
● 45560-0160	16	58J9079	4.39	3.89
● 45593-1600	16	58J9082	6.58	5.83

CRIMP TERMINAL

Mfg. Part No.	AWG	Stock No.	Price Each	
			1-24	25-49
● 50641-8141	30-28	57H2188	0.33	0.29

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PIGOBLADE 0.049" (1.25) PITCH WIRE-TO-WIRE AND WIRE-TO-BOARD SYSTEMS

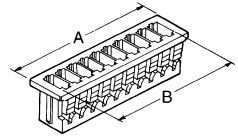
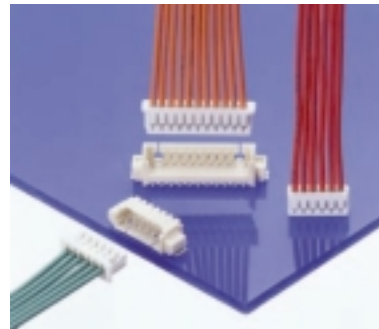


Fig. 1 Wire-To-Wire and Wire-To-Board Receptacles

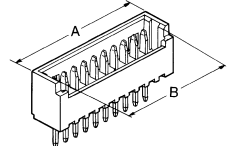


Fig. 2 Wire-To-Board Headers

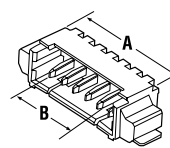


Fig. 3 Wire-To-Board Headers

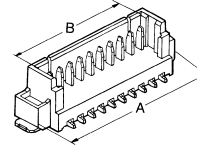


Fig. 4 Wire-To-Board Headers

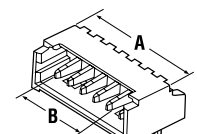


Fig. 5 Wire-To-Board Headers

- Voltage: 125V
- Current: 10A (32AWG-0.8A)
- Contact Resistance: 20mΩ Max. Dielectric
- Withstanding Voltage: 250VAC, 1 Min.

- Insulation Resistance: 100mΩ Min.
- Housing: ½ Nylon, Rated UL94V-0
- Contact: Tin-Plated Phosphor Bronze
- Operating Temperature: -40°C to +85°C

These wire-to-board housings and headers are the smallest in the industry. They provide flexibility to organize a system to suit all requirements. PC board real estate saved for 10 circuits is 50% over 2.0mm pitch versions. The volume saved is 66%. New hand crimp tool terminates from a strip; enables building prototypes with ease. 51021 series receptacles mate with 53398, 53261, 53047, 53048 series headers; all ordered separately below. Order terminals separately, go online or call.

51021 SERIES RECEPTACLES — FIG. 1

Mfg. Part No.	Circuits	Dimensions		Stock No.	Price Each
		A	B		1-4
● 51021-0200	2	0.167"	0.166"	38C9869	0.32
● 51021-0300	3	0.217"	0.165"	38C9870	0.25
● 51021-0400	4	0.266"	0.215"	38C9871	0.30
● 51021-0500	5	0.315"	0.264"	38C9872	0.38
● 51021-0600	6	0.364"	0.313"	38C9873	0.45
● 51021-0700	7	0.413"	0.362"	38C9874	0.51
● 51021-0800	8	0.463"	0.411"	38C9875	0.48
● 51021-0900	9	0.512"	0.461"	38C9876	0.71
● 51021-1000	10	0.561"	0.510"	38C9877	0.65
● 51021-1200	12	0.659"	0.541"	71H3921	0.82
● 51021-1300	13	0.709"	0.59"	28M9432	0.91
● 51021-1400	14	0.758"	0.639"	23C9052	0.99
● 51021-1500	15	0.807"	0.688"	27C4204	0.99

53047 SERIES THRU-HOLE VERTICAL HEADERS — FIG. 2

● 53047-0210	2	0.167"	0.049"	57H4701	0.30
● 53047-0310	3	0.217"	0.169"	38C9899	0.48
● 53047-0410	4	0.266"	0.147"	38C9900	0.75
● 53047-0510	5	0.315"	0.268"	38C9901	0.93
● 53047-0610	6	0.364"	0.246"	38C9902	0.93
● 53047-0710	7	0.413"	0.366"	38C9903	0.94
● 53047-0810	8	0.463"	0.415"	38C9904	1.25
● 53047-0910	9	0.512"	0.393"	38C9905	1.31
● 53047-1010	10	0.561"	0.514"	18M8167	1.45
● 53047-1110	11	0.61"	0.492"	18M8168	1.42
● 53047-1210	12	0.659"	0.541"	18M8169	1.24
● 53047-1410	14	0.758"	0.639"	18M8171	1.68
● 53047-1510	15	0.807"	0.688"	18M8172	1.78

53048 SERIES THRU-HOLE RIGHT-ANGLE HEADERS — FIG. 3

● 53048-0210	2	0.167"	0.049"	38C9907	0.45
● 53048-0310	3	0.217"	0.098"	38C9908	0.71
● 53048-0410	4	0.266"	0.147"	38C9909	0.67
● 53048-0510	5	0.315"	0.196"	57H4722	0.61
● 53048-0610	6	0.364"	0.246"	38C9911	0.88
● 53048-0710	7	0.413"	0.295"	18M8173	1.01
● 53048-0810	8	0.463"	0.344"	38C9913	1.21
● 53048-0910	9	0.512"	0.393"	38C9914	1.12
● 53048-1010	10	0.561"	0.443"	38C9915	1.58
● 53048-1110	11	0.61"	0.492"	28M9451	1.54
● 53048-1210	12	0.659"	0.541"	71H4145	1.71

➔ CONTINUED ➔

PCB TO CABLE HEADERS & SOCKETS

PICOBLADE 0.049" (1.25) PITCH WIRE-TO-WIRE AND WIRE-TO-BOARD SYSTEMS (CONT.)

53048 SERIES THRU-HOLE RIGHT-ANGLE HEADERS — FIG. 3

Mfg. Part No.	Circuits	Dimensions		Stock No.	Price Each
		A	B		
● 53048-1310	13	0.709"	0.59"	28M9452	1.67
● 53048-1410	14	0.758"	0.639"	18M8174	1.85
● 53048-1510	15	0.807"	0.688"	71H4148	2.15

53398 SERIES SMT VERTICAL HEADERS — FIG. 4

Mfg. Part No.	Circuits	Dimensions		Stock No.	Price Each
		A	B		
53398-0271-P	2	0.301"	0.049"	21M8653	5.58
● 53398-0271	2	0.301"	0.049"	59J0404	1.20
● 53398-0371	3	0.350"	0.098"	59J0407	1.45
● 53398-0471	4	0.399"	0.147"	59J0410	1.33
● 53398-0571	5	0.448"	0.196"	59J0413	1.78
● 53398-0671	6	0.498"	0.246"	59J0416	1.92
● 53398-0790	7	0.547"	0.295"	38C9930	2.29
● 53398-0771	7	0.547"	0.295"	59J0419	1.72
● 53398-0871	8	0.596"	0.344"	59J0422	1.82
● 53398-0971	9	0.645"	0.393"	59J0424	2.00
● 53398-1071	10	0.694"	0.442"	59J0425	2.10
● 53398-1190	11	0.744"	0.492"	71H4173	2.62
● 53398-1171	11	0.744"	0.492"	59J0426	2.22
● 53398-1271	12	0.793"	0.541"	59J0428	2.35
● 53398-1371	13	0.842"	0.590"	59J0430	3.04
● 53398-1490	14	0.891"	0.639"	71H4176	3.39
● 53398-1471	14	0.891"	0.639"	59J0432	3.16
● 53398-1571	15	0.940"	0.688"	59J0434	2.67

53261 SERIES SMT RIGHT-ANGLE HEADERS — FIG. 5

Mfg. Part No.	Circuits	Dimensions		Stock No.	Price Each
		A	B		
53261-0290	2	0.301"	0.049"	38C9916	1.26
● 53261-0271	2	0.301"	0.049"	59J0234	1.04
● 53261-0371	3	0.350"	0.098"	59J0235	1.26
53261-0490	4	0.400"	0.148"	38C9918	1.85
● 53261-0471	4	0.400"	0.148"	59J0236	1.67
● 53261-0571	5	0.449"	0.197"	59J0237	1.52
53261-0690	6	0.498"	0.246"	38C9920	2.20
● 53261-0671	6	0.498"	0.246"	59J0238	1.98
● 53261-0771	7	0.547"	0.295"	59J0239	1.78
● 53261-0971	9	0.646"	0.394"	59J0241	2.02
● 53261-1071	10	0.695"	0.443"	59J0242	2.18
● 53261-1171	11	0.744"	0.492"	59J0243	2.27
53261-1290	12	0.659"	0.541"	71H4168	3.20
● 53261-1271	12	0.793"	0.541"	59J0244	2.42
53261-1390	13	0.659"	0.541"	95H7597	3.03
53261-1490	14	0.758"	0.639"	98B9087	2.62
● 53261-1471	14	0.892"	0.640"	59J0246	3.22
● 53261-1571	15	0.941"	0.689"	59J0247	2.78

(8456)

PANELMATE 1.25MM (.049") WIRE-TO-BOARD CRIMP TERMINALS/HOUSING/HEADERS



Just Added

- Voltage Rating: 125V
- Current Rating: 1A
- Contact Plating: Gold
- Contact Resistance: 20mΩ
- Dielectric Withstanding Voltage: 250 VAC
- Insulation Resistance: 100MΩ



Contact material: phosphor bronze. Wire range: 28 to 30 AWG. Strip length: 1.3 to 1.7mm. Housing material: pbt polyester. Header material: pps polyphenylene sulfide.

WIRE-TO-BOARD CRIMP TERMINALS

Mfg. Part. No.	Contact Plating	Wire Insulation Diameter (mm)	Stock No.	Price Each	
				1-24	25-49
● 50641-8141	Gold	0.50-0.90	57H2188	0.33	0.29

WIRE-TO-BOARD RECEPTACLE HOUSING

Mfg. Part No.	Circuits	Length mm (in.)	Stock No.	Price Each	
				1-24	25-49
● 51146-0900	9	12.47 (0.491)	57H2700	0.63	0.55
● 51146-1400	14	18.72 (0.737)	57H2705	0.94	0.83

RIGHT-ANGLE SURFACE MOUNT HEADERS

Mfg. Part No.	Circuits	Length mm (in.)	Stock No.	Price Each	
				1-24	25-49
● 53780-0470	4	10.15 (0.400)	59J0617	1.69	1.49
● 53780-0570	5	11.40 (0.449)	59J0618	1.82	1.59
● 53780-0670	6	12.65 (0.498)	59J0619	2.32	2.04
● 53780-0770	7	13.90 (0.547)	59J0620	2.57	2.25

▶ CONTINUED ▶

PANELMATE 1.25MM (.049") WIRE-TO-BOARD CRIMP TERMINALS/HOUSING/HEADERS (CONT.)

RIGHT-ANGLE SURFACE MOUNT HEADERS

Mfg. Part No.	Circuits	Length mm (in.)	Stock No.	Price Each	
				1-24	25-49
● 53780-0970	9	16.40 (0.646)	59J0622	2.81	2.47
● 53780-1470	14	22.65 (0.892)	59J0624	2.87	2.52

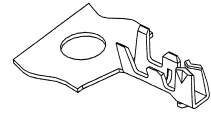
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0.049" (1.25) PITCH CRIMP TERMINAL AND TOOLS



- Voltage: 125 V
- Current: 1.0 A (32 AWG-0.8 A)
- Contact Resistance: 20 mΩ Max.
- Dielectric Withstanding Voltage: 250 VAC/1 Min.
- Insulation Resistance: 100 mΩ Min.
- Insulation Diameter: 1.00 mm

Female crimp terminal constructed of tin-plated phosphor bronze; sold in packages of 100. For use with 57021 series receptacles; ordered separately, go online or call.



Wire-To-Board

Mfg. Part No.	Wire Range (AWG)	Stock No.	Price Each	
			1-4	
50079-8100	26-28	95H7478	14.68	

CRIMP AND EXTRACTION TOOLS FOR 0.049" (1.25) APPLICATIONS

Mfg. Part No.	Description	Stock No.	Price Each
63811-0200	Prototype Crimp Tool	91B8065	310.50
63811-0000	Production Crimp Tool	24C4373	869.40
57072-6000	Contact Extraction Tool	38C9935	165.60

(89843)

0.049" (1.25) PITCH WIRE-TO-WIRE CRIMP TERMINAL

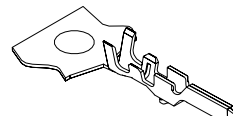


Fig. 1

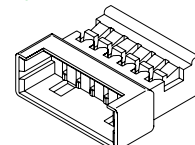


Fig. 2

- Voltage: 125V
 - Contact Resistance: 20mΩ max.
 - Dielectric Withstanding Voltage: 250V AC/1 min.
 - Insulation Resistance: 100 MΩ min.
- 50125-50133 series are tin-plated, contact material is phosphor bronze. Used with 51047 series. 51047 series plug operating temperature -40 to +85°C, housing PBTP, UL 94V-0

50125-50133 SERIES CRIMP TERMINAL MALE FIG. 1

Mfg. Part No.	Wire Range AWG	Strip Length mm	Stock No.	Price Each	
				1-24	
● 50125-8100	28-26	1.4 to 1.9	95H9690	0.14	
● 50133-8100	32-28	1.4 to 1.9	95H9691	0.16	

51047 SERIES PLUG FIG. 2

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-24	
● 51047-0200	2	95H9692	0.16	
● 51047-0300	3	28M9433	0.22	
● 51047-0400	4	18M8155	0.20	
● 51047-0500	5	95H9695	0.21	
● 51047-0600	6	95H9696	0.24	
● 51047-0700	7	95H9697	0.31	
● 51047-0800	8	28M9434	0.35	
● 51047-0900	9	28M9435	0.39	
● 51047-1000	10	28M9436	0.44	

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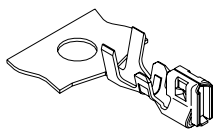
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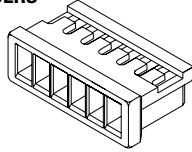
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PCB TO CABLE HEADERS & SOCKETS

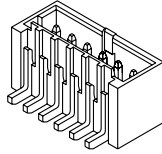
Pico-SPOX™ 1.50mm (0.059")
PITCH WIRE-TO-BOARD CRIMP
TERMINALS/HOUSINGS/HEADERS



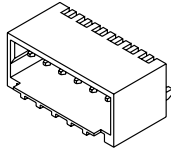
Series 87421



Series 87439



Series 87437



Series 87438

- Voltage: 250 V
- Current: 2.0 A
- Wire Range: 24-30 AWG
- Contact Resistance: 40mΩ max.
- Dielectric Withstanding Voltage: 500 VAC
- Insulation Resistance: 1000 MΩ max.

87421 series locking tang snaps into housing window for secure retention. Low profile. Dual-point contact design. Anti-fishhooking box design protects contact area. 87439 series housing mates with 87437 and 87438 series headers, use with 87421 series crimp terminals. 87437 and 87438 series headers contacts 2.54µm tin/lead plated. Compact low-profile SMT design. Fully shrouded to protect pins during mating/unmating. Center keyway for secure connection to housing. One-piece mating post and SMT tail provides coplanarity control and large soldering area. High-temperature material withstands reflow soldering.

87421 SERIES WIRE-TO-BOARD CRIMP TERMINAL

Mfg. Part No.	AWG	Insulation Dia. (mm)	Pkg. of	Stock No.	Price per Pkg.
● 87421-0000	24-30	1.10	100	09J7492	3.77

87439 SERIES WIRE-TO-BOARD HOUSINGS

Mfg. Part No.	Circuits	Length mm (in.)	Stock No.	Price Each
● 874390200	2	4.10 (0.161)	09J7511	0.15
● 87439-0300	3	5.60 (0.220)	28M9488	0.17
● 874390400	4	7.10 (0.279)	18M8291	0.18
● 87439-0500	5	8.60 (0.338)	09J7514	0.20
● 87439-0600	6	10.10 (0.397)	09J7515	0.22
● 87439-0700	7	11.60 (0.456)	09J7516	0.24
● 87439-0800	8	13.10 (0.515)	09J7517	0.25
● 87439-0900	9	14.60 (0.574)	09J7518	0.27
● 87439-1000	10	16.10 (0.633)	09J7519	0.27

87437 SERIES WIRE-TO-BOARD SURFACE MOUNT HEADERS, SHROUDED

87437-0333	3	5.80 (0.228)	09J7494	1.04
87437-0533	5	8.80 (0.346)	09J7496	1.32
87437-0633	6	10.30 (0.405)	09J7497	1.46
87437-0733	7	11.80 (0.464)	09J7498	1.60
87437-0833	8	13.30 (0.523)	09J7499	1.75
87437-0933	9	14.80 (0.582)	09J7500	1.88
● 87437-1043	10	16.30 (0.641)	21M3645	2.00

874838 SERIES WIRE-TO-BOARD RIGHT ANGLE SURFACE MOUNT HEADERS

87438-0533	5	8.80 (0.346)	09J7505	1.25
87438-0633	6	10.30 (0.405)	60H3463	0.74
87438-0733	7	11.80 (0.464)	09J7507	1.70
87438-0833	8	13.30 (0.523)	09J7508	1.82
87438-1033	10	16.30 (0.641)	60H3471	1.04

(80508)

0.062" (1.57) CONNECTOR KIT



116-piece connector kit for assembly of male and female connector housings from single to 36-circuit. Kit contains the following: 25 single-circuit receptacles and plugs, ten 3-circuit receptacles and plugs, three 4-circuit receptacles and plugs, four 5-circuit receptacles and plugs, four 6-circuit receptacles and plugs, three 8-circuit receptacles and plugs, three 9-circuit receptacles and plugs, two 12-circuit receptacles and plugs, one 15-circuit receptacle and plug, one 36-circuit receptacle and plug, two 0.062" pin diameter terminals, one crimping tool, and one terminal ejector tool. UL recognized, CSA certified.

Mfg. Part No.	Stock No.	Price Each
WM-72	49F1268	45.78

(8434)

Find application notes—fast.

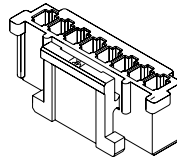
Visit our information-rich portal designed for engineers & techs at www.newark.com/edworld

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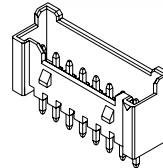
SHERLOCK 2.00mm (0.079")
PITCH WIRE-TO-BOARD
HOUSINGS AND HEADERS



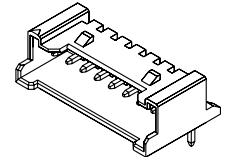
- Voltage: 125 V
- Current: 2.0 A
- Contact Resistance: 20 mΩ max.
- Dielectric Withstanding Voltage: 500 V
- Insulation Resistance: 1000 MΩ min.



Series 35507



Series 35362



Series 35363

Compact low-profile design for space savings. Polarizing end walls prevent mismatching. Five color choices for circuit identification. 35507 series positive lock latch provides secure mating retention. Housing lance ensures good terminal retention. Mates with 35362 and 35363 series headers. 35362 and 35363 series positive locking ribs provide secure mating retention. Four-wall shroud with guide plate protects pins and facilitates mating. Contacts: tin/lead plated. Type 502-12-8100 contacts available; go online or call.

35507 SERIES WIRE-TO-BOARD HOUSINGS

Mfg. Part No.	Circuits	Length mm (in.)	Stock No.	Price Each
● 35507-0200	2	7.20 (0.283)	70H0742	0.12
● 35507-0300	3	9.20 (0.362)	09J7538	0.14
● 35507-0400	4	10.30 (0.406)	09J7539	0.13
● 35507-0500	5	12.30 (0.484)	09J7540	0.17
● 35507-0600	6	14.30 (0.563)	09J7541	0.18
● 35507-0700	7	16.30 (0.642)	09J7542	0.26
● 35507-0800	8	18.30 (0.720)	09J7543	0.20
● 35507-0900	9	20.30 (0.799)	09J7544	0.27
● 35507-1000	10	22.30 (0.878)	09J7545	0.25

35362 SERIES WIRE-TO-BOARD HEADERS

35362-0250-P	2	7.70 (0.303)	24K0723	0.28
35362-0350-P	3	9.70 (0.382)	39K6126	0.34
● 35362-0450	4	10.30 (0.406)	26K2863	0.38
● 35362-0550	5	12.30 (0.484)	26K2963	0.47
● 35362-0650	6	14.30 (0.563)	68K1363	0.52
● 35362-0750	7	16.30 (0.642)	26K2981	0.60
● 35362-0850	8	18.30 (0.720)	31K7951	0.70
● 35362-0950	9	20.30 (0.799)	72J8168	0.65
● 35362-1050	10	22.30 (0.878)	31K8735	0.64

35363 SERIES WIRE-TO-BOARD RIGHT ANGLE HEADERS

● 35363-0260	2	7.70 (0.303)	19K4373	0.34
● 35363-0360	3	9.70 (0.382)	53K6174	0.34
● 35363-0460-P	4	10.30 (0.406)	29K8034	0.44
35363-0510	5	12.30 (0.484)	09J7532	0.49
35363-0610	6	14.30 (0.563)	09J7533	0.44
35363-0710	7	16.30 (0.642)	09J7534	0.57
● 35363-0860	8	18.30 (0.720)	31K7955	0.71
35363-0910	9	20.30 (0.799)	09J7536	0.69

50212 SERIES CRIMP TERMINALS

Mfg. Part No.	AWG	Insulation Dia (mm)	Strip Length (mm)	Pkg. of	Stock No.	Price Each
● 50212-8100	24-30	1.40	1.3 to 1.8	100	95H9711	17.95 11.58

(90521)

PCB TO CABLE HEADERS & SOCKETS

0.079" (2.00) PITCH WIRE-TO-BOARD CRIMP TERMINALS/HOUSINGS/HEADERS



- Internal push-type positive lock on housings provides space savings, latch protection and secure retention
- Housing lance provides secure terminal retention
- Headers have inner positive lock and audible click to confirm mating
- Crimp terminal wire size: 22-28 AWG



51363 series locking tang provides terminal retention to housing, contact phosphor bronze tin-plated, operating temperature -25° to +85°C use with 56134 series, mates with series 55917 and 55959 headers. 55917 and 55959 series contacts brass tin-plated, locking windows provide secure mating. Operating temperature -25°C to +85°C.

51353 SERIES WIRE-TO-BOARD HOUSING

Mfg. Part No.	Circuits	Length	Stock No.	Price Each
				1-9
● 51353-0800	8	11.40 (.449")	09J7548	0.29
● 51353-1000	10	13.40 (.528")	28M9441	0.36
● 51353-1200	12	15.40 (.606)	09J7550	0.43
● 51353-1400	14	17.40 (.685")	09J7551	0.50
● 51353-1600	16	19.40 (.764")	28M9442	0.57
● 51353-1800	18	21.40 (.843)	09J7553	0.64
● 51353-2000	20	23.40 (.921")	09J7554	0.68
● 51353-2200	22	25.40 (1.079")	09J7555	0.79
● 51353-2400	24	27.40 (1.079")	28M9443	0.85

55917 SERIES WIRE-TO-BOARD VERTICAL HEADERS

● 55917-0810	8	11.40 (.449")	28M9460	0.47
● 55917-1010	10	13.40 (.528")	28M9461	0.54
● 55917-1210	12	15.40 (.606)	09J7559	0.62
● 55917-1610	16	19.40 (.764")	09J7561	0.70
● 55917-1810	18	21.40 (.843)	28M9463	0.74
● 55917-2010	20	23.40 (.921")	18M8185	0.62
● 55917-2210	22	25.40 (1.079")	28M9464	0.86
● 55917-2410	24	27.40 (1.079")	18M8186	0.93

55959 SERIES WIRE-TO-BOARD RIGHT ANGLE HEADERS

● 55959-0830	8	11.40 (.449")	09J7566	0.85
● 55959-1030	10	13.40 (.528")	09J7567	0.93
● 55959-1230	12	15.40 (.606)	09J7568	1.00
● 55959-1430	14	17.40 (.685")	09J7569	1.02
● 55959-1630	16	19.40 (.764")	09J7570	1.08
● 55959-1830	18	21.40 (.843)	09J7571	1.19
● 55959-2030	20	23.40 (.921")	09J7572	1.25
● 55959-2230	22	25.40 (1.079")	09J7573	1.33
● 55959-2430	24	27.40 (1.079")	09J7574	1.46

56134 SERIES WIRE-TO-BOARD CRIMP TERMINALS

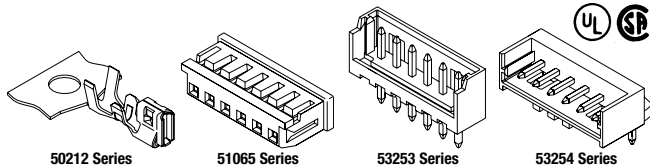
Mfg. Part No.	AWG	Insulation Dia. (mm)	Strip Length mm	Pkg. of	Stock No.	Price Each
● 56134-9100	22-28	0.90-1.70	1.60-2.00	100	09J7575	6.38

TOOLS FOR 56134 SERIES APPLICATIONS

Mfg. Part No.	Description	Stock No.	Price Each
			1-9
57404-5300	Hand crimper, wire size: 22-28 AWG	09J7634	1861.02

(80528)

0.079" (2.00) PITCH WIRE-TO-BOARD CRIMP TERMINALS/HOUSINGS/HEADERS



- Voltage: 125V
- Current: 0.5 to 2.0 A
- Wire Range: 24-30 AWG

- Contact Resistance: 20mΩ max.
- Dielectric Withstanding Voltage: 500V AC/1 min.
- Insulation Resistance: 1000 MΩ min.

50212 series locking tang provides terminal retention to housing, contact phosphor bronze tin-plated, operating temperature -40° to +105°C. 51065 series housing, operating temperature -40° to +85°C, use with 50212 series, mates with series 53253 and 53254 headers. 53253 and 53254 series contacts brass tin-plated, locking windows provide secure mating. Operating temperature -20° to +85°C. UL listed, CSA certified.

50212 SERIES WIRE-TO-BOARD CRIMP TERMINALS

Mfg. Part No.	AWG	Insulation Dia. (mm)	Pkg. of	Stock No.	Price Each
					1-4
● 50212-8100	24-30	1.40	100	95H9711	17.95

➤ CONTINUED ➤

0.079" (2.00) PITCH WIRE-TO-BOARD CRIMP TERMINALS/HOUSINGS/HEADERS (CONT.)

51065 SERIES WIRE-TO-BOARD HOUSING

Mfg. Part No.	Circuits	Stock No.	Price Each
			1-9
● 51065-0400	4	28M9438	0.13
● 51065-0300	3	18M8156	0.09
● 51065-0400	4	28M9438	0.13
● 51065-0500	5	95H9715	0.14
● 51065-0600	6	95H9716	0.15
● 51065-0700	7	30M0008	0.18
● 51065-0800	8	28M9439	0.20

53253 SERIES WIRE-TO-BOARD VERTICAL HEADERS

● 53253-0470	4	18M8180	0.23
53253-0710	7	95H9723	0.32

53254 SERIES WIRE-TO-BOARD RIGHT ANGLE HEADERS

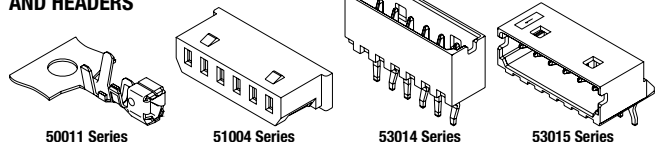
53254-0210	2	95H9725	0.23
53254-0410	4	95H9727	0.26
53254-0510	5	95H9728	0.33
53254-0610	6	95H9729	0.36

TOOLS FOR 50212 SERIES APPLICATIONS

Mfg. Part No.	Description	Stock No.	Price Each
57105-6000	Extraction Tool for 50011 and 50212 Series Terminal	73C7021	124.20
63811-1200	Crimp Tool, applicable wire size (AWG): 30, 28, 26, 24	73C7023	310.50

(78299)

0.079" (2.00) PITCH WIRE-TO-BOARD CRIMP TERMINAL/HOUSING AND HEADERS



- Voltage: 125 V
- Current: 0.5 to 2.0 A
- Contact Resistance: 20 mΩ max.
- Dielectric Withstanding Voltage: 500 VAC/1 min.

- Wire Range: 24 to 34 AWG
- Contact: Phosphor Bronze Tin-Plated
- Insulation Resistance: 1000 MΩ min.
- Operating Temperature: -20°C to +85°C

50011 series box design provides two points of contact and terminal protection. 51004 series housing lance provides extra terminal retention, friction lock provides secure mating. 53014-53015 series locking windows provide secure mating, housing glass-filled ¼ nylon, UL 94V-0, UL listed, CSA certified

50011 SERIES WIRE-TO-BOARD CRIMP TERMINAL

Mfg. Part No.	AWG	Insulation Dia. (mm)	Strip Length (mm)	Package	Stock No.	Price Each
● 50011-8100	24-30	1.40	2.1	Bag	97H3959	0.25

51004 SERIES WIRE-TO-BOARD HOUSING

Mfg. Part No.	Circuits	Length (In.)	Stock No.	Price Each
				1-24
● 51004-0300	3	0.315	28M9421	0.30
● 51004-0400	4	0.394	28M9422	0.35
● 51004-0500	5	0.472	18M8150	0.40
● 51004-0800	8	0.709	95H9628	0.36
● 51004-0900	9	0.787	28M9423	0.60
● 51004-1000	10	0.866	28M9424	0.65
● 51004-1100	11	0.945	28M9425	0.70
● 51004-1400	14	1.181	95H9632	0.70

53014 SERIES WIRE-TO-BOARD VERTICAL HEADERS

● 53014-0210	2	0.236	28M9444	0.30
● 53014-0410	4	0.394	95H9634	0.38
● 53014-0510	5	0.472	95H9635	0.41
● 53014-0610	6	0.551	28M9445	0.54
● 53014-0710	7	0.63	95H9637	0.65
● 53014-0810	8	0.709	32M7224	0.78
● 53014-0910	9	0.787	95H9639	0.83
● 53014-1010	10	0.866	95H9640	0.96
● 53014-1110	11	0.945	95H9641	0.87
● 53014-1210	12	1.024	95H9642	1.14
● 53014-1310	13	1.102	95H9643	1.40
● 53014-1410	14	1.181	95H9644	1.10
● 53014-1510	15	1.26	28M9446	1.45

53015 SERIES WIRE-TO-BOARD RIGHT ANGLE HEADERS

● 53015-0310	3	0.315	28M9447	0.39
● 53015-0510	5	0.472	95H9647	0.45
● 53015-0610	6	0.551	95H9648	0.47
● 53015-0710	7	0.63	95H9649	0.54

➤ CONTINUED ➤

PCB TO CABLE HEADERS & SOCKETS

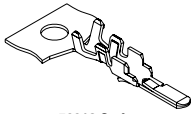
0.079" (2.00) PITCH WIRE-TO-BOARD CRIMP TERMINAL/HOUSING AND HEADERS (CONT.)

53015 SERIES WIRE-TO-BOARD RIGHT ANGLE HEADERS

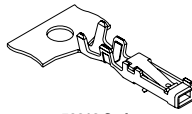
Mfg. Part No.	Circuits	Length (In.)	Stock No.	Price Each
				1-24
● 53015-0910	9	0.787	95H9650	0.96
● 53015-1010	10	0.866	30M2638	0.96
● 53015-1110	11	0.945	28M9448	1.07
● 53015-1210	12	1.024	28M9449	1.14
● 53015-1310	13	1.102	28M9450	1.25
● 53015-1410	14	1.181	18M8166	1.48

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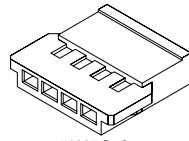
0.079" (2.00) PITCH WIRE-TO-WIRE CRIMP TERMINALS/PLUGS/RECEPTACLES



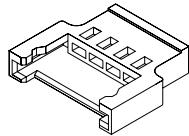
50012 Series



50013 Series



51005 Series



51006 Series

- Voltage: 125V
- Current: 1.0 to 2.0A
- Wire Range: 24-28 AWG
- Contact Resistance: 20mΩ max.
- Dielectric Withstanding Voltage: 500V AC/1 min.
- Insulation Resistance: 1000 MΩ min.
- Operating Temperature: -40°C to +105°C

50012 series locking tang for secure housing retention, 50013 series sping beam design provides high pressure and small deflection for high vibration applications, contact phosphor bronze tin-plated. 51005 series mates with 51006 series. UL listed, CSA certified.

50012 SERIES WIRE-TO-WIRE CRIMP TERMINALS MALE

Mfg. Part No.	AWG	Insulation Dia. (mm)	Strip Length mm	Reel Qty.	Stock No.	Price per Reel
● 50012-8000	24-28	1.15	1.70 to 2.30	1600	95H9663	0.05

50013 SERIES WIRE-TO-WIRE CRIMP TERMINAL FEMALE

● 50013-8000	24-28	1.15	1.70 to 2.30	1600	95H9673	0.05
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51005 SERIES WIRE-TO-WIRE RECEPTACLE USE WITH 50013 SERIES

Mfg. Part No.	Circuits	Length	Stock No.	Price Each
				1-24
● 51005-0200	2	0.26	95H9674	0.27
● 51005-0300	3	0.339	95H9675	0.25
● 51005-0400	4	0.417	28M9426	0.37
● 51005-0500	5	0.496	95H9678	0.34
● 51005-0900	9	0.811	28M9427	0.68

51006 SERIES WIRE-TO-WIRE PLUG USE WITH 50012 SERIES

● 51006-0300	3	0.394	28M9428	0.36
● 51006-0400	4	0.472	28M9429	0.41
● 51006-0500	5	0.551	28M9430	0.46
● 51006-0900	9	0.886	28M9431	0.77

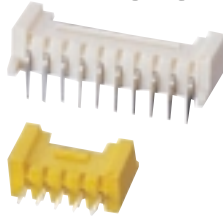
(78266)

2.00mm SHERLOCK™ WIRE-TO-BOARD HEADERS



- Voltage: 125V
- Current: 2A
- Positive locking
- Four-wall shroud with guide plate
- Polarizing end walls prevent mismatching

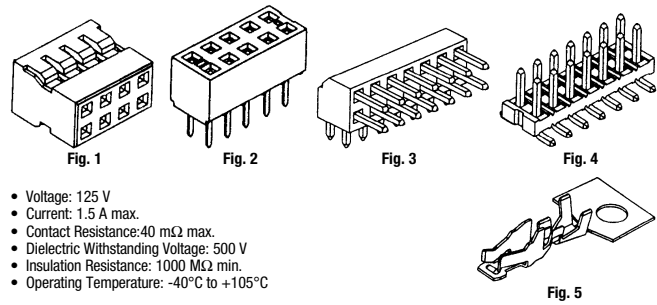
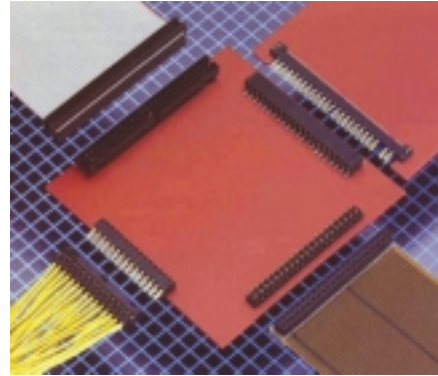
Single-row 2.00mm center wire-to-board vertical and right-angle shrouded locking headers feature positive lock. Polarization end walls.



Mfg. Part No.	Circuits	Stock No.	Price Each
			1-9
● 35362-0250	2	58J8271	0.26
● 35362-0350	3	93K7153	0.32
● 35363-0460	4	93K7154	0.41

(88902)

0.079" (2.00) MILLI-GRID™ SYSTEM



- Voltage: 125 V
- Current: 1.5 A max.
- Contact Resistance: 40 mΩ max.
- Dielectric Withstanding Voltage: 500 V
- Insulation Resistance: 1000 MΩ min.
- Operating Temperature: -40°C to +105°C

High density connectors based on a 2.00 x 2.00 mm grid pattern. The system offers complete design flexibility for wire-to-board, board-to-board and cable-to-board connections.

51110 SERIES CRIMP HOUSINGS (FIG. 1)

Mfg. Part No.	Circuits	Contact Material	Stock No.	Price Each		
				1-9	10-24	25-49
● 51110-0850	8	...	38C9878	0.46	0.41	0.36
● 51110-1050	10	...	38C9879	0.49	0.43	0.38
● 51110-2050	20	...	38C9880	0.94	0.83	0.74

51110 SERIES CRIMP HOUSINGS WITH POLARIZATION KEY (FIG. 1)

● 51110-2051	20	...	57H2625	0.44	0.39	0.33
● 51110-2451	24	...	53H6813	0.70	0.62	0.52
● 51110-2651	26	...	57H2628	0.56	0.50	0.42
● 51110-3051	30	...	57H2632	0.86	0.77	0.65

79107 SERIES VERTICAL, DUAL ROW THRU-HOLE BOARD-TO-BOARD RECEPTACLES (FIG. 2)

● 79107-7003	8	Phosphor Bronze	18M8286	2.63	2.33	2.06
● 79107-7005	12	Phosphor Bronze	85K7418	3.85	3.40	3.02
● 79107-7009	20	Phosphor Bronze	57J4168	5.04	4.45	3.95
● 79107-7014	30	Phosphor Bronze	63K2161	5.54	4.94	4.16

87264 SERIES SIDE ENTRY RECEPTACLE

● 87264-0852	8	Phosphor Bronze	41J3167	1.84	1.64	1.38
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87368 SIDE ENTRY SURFACE MOUNT RECEPTACLE

● 87368-2024	20	Phosphor Bronze	41J3169	4.46	3.98	3.35
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87340 TOP ENTRY SURFACE MOUNT (VLPR2) TOP ENTRY RECEPTACLE

● 87340-1024	20	Phosphor Bronze	12M6065	2.01	1.79	1.51
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87568 SERIES DUAL ROW, IDT CABLE-TO-BOARD RECEPTACLES

● 87568-1493	14	Copper Alloy	59J1530	2.40	2.14	1.80
● 87568-2093	20	Phosphor Bronze	93K7671	3.24	2.89	2.44

87831 SERIES SHROUDED VERTICAL SMC HEADERS

● 87831-0820	8	Phosphor Bronze	59J1686	1.11	0.99	0.84
● 87831-1020	10	Phosphor Bronze	59J1693	0.83	0.74	0.62
● 87831-1220	12	Phosphor Bronze	59J1701	1.63	1.45	1.22
● 0878311420	14	Phosphor Bronze	48J6124	1.16	1.03	0.87
● 87831-1620	16	Phosphor Bronze	59J1711	2.06	1.84	1.55
● 87831-1820	18	Phosphor Bronze	59J1717	2.85	2.54	2.14
● 87831-2020	20	Phosphor Bronze	57J1576	2.73	2.43	2.05
● 87831-3020	30	Phosphor Bronze	59J1741	2.47	2.20	1.86
● 87831-4020	40	Phosphor Bronze	59J1754	5.48	4.88	4.11
● 87831-4420	44	Phosphor Bronze	59J1758	6.02	5.36	4.52

87832 SERIES SHROUDED SURFACE MOUNT HEADERS

● 87832-0820	8	Phosphor Bronze	59J1795	2.14	1.91	1.61
● 87832-1620	16	Phosphor Bronze	57J1714	2.90	2.58	2.18
● 87832-1820	18	Phosphor Bronze	59J1820	3.42	3.05	2.57
● 87832-2220	22	Phosphor Bronze	59J1825	4.02	3.59	3.02
● 87832-2420	24	Phosphor Bronze	59J1827	4.08	3.64	3.06
● 87832-3020	30	Phosphor Bronze	59J1836	4.85	4.32	3.64

▶ CONTINUED ▶

PCB TO CABLE HEADERS & SOCKETS

0.079" (2.00) MILLI-GRID™ SYSTEM (CONT.)

87832 SERIES SHROUDED SURFACE MOUNT HEADERS

Mfg. Part No.	Circuits	Contact Material	Stock No.	Price Each		
				1-9	10-24	25-49
● 87832-4020	40	Phosphor Bronze	59J1845	3.65	3.26	2.74
● 87832-5020	50	Phosphor Bronze	59J1855	7.59	6.76	5.70

87833 SERIES SHROUDED RIGHT ANGLE HEADERS

Mfg. Part No.	Circuits	Contact Material	Stock No.	Price Each		
				1-9	10-24	25-49
● 87833-1020	10	Phosphor Bronze	59J1882	1.51	1.35	1.14
● 87833-1420	14	Phosphor Bronze	59J1889	1.29	1.15	0.97
● 87833-1620	16	Phosphor Bronze	59J1891	2.43	2.17	1.82
● 87833-2020	20	Phosphor Bronze	57J3376	3.03	2.70	2.28
● 87833-3020	30	Phosphor Bronze	59J1903	4.54	4.04	3.41
● 87833-4020	40	Phosphor Bronze	59J1908	6.07	5.41	4.56

87758 UNSHROUDED VERTICAL THRU-HOLE HEADERS

Mfg. Part No.	Circuits	Contact Material	Stock No.	Price Each		
				1-9	10-24	25-49
● 87758-0416	4	Phosphor Bronze	59J1552	0.48	0.43	0.36
● 87758-0816	8	Phosphor Bronze	59J1556	0.74	0.66	0.56
● 87758-1016	10	Phosphor Bronze	59J1558	0.83	0.74	0.63
● 87758-1416	14	Phosphor Bronze	59J1562	1.04	0.93	0.78
● 87758-3016	30	Phosphor Bronze	59J1575	2.11	1.88	1.59
● 87758-5016	50	Phosphor Bronze	59J1592	2.91	2.59	2.19

87759 SERIES UNSHROUDED SURFACE MOUNT HEADERS WITH PEGS (FIG. 3)

Mfg. Part No.	Circuits	Contact Material	Stock No.	Price Each		
				1-9	10-24	25-49
● 87759-0850	8	Copper Alloy	59J1602	1.34	1.20	1.01
● 87759-1050	10	Copper Alloy	41J3165	1.37	1.22	1.03
● 87759-1450	14	Copper Alloy	41J3222	1.70	1.52	1.28

87760 SERIES UNSHROUDED RIGHT ANGLE HEADERS (FIG. 4)

Mfg. Part No.	Circuits	Contact Material	Stock No.	Price Each		
				1-9	10-24	25-49
● 87760-0816	8	Phosphor Bronze	41J3157	0.68	0.61	0.51
● 87760-1016	10	Phosphor Bronze	59J1647	0.65	0.58	0.49
● 87760-1416	14	Phosphor Bronze	59J1651	1.09	0.97	0.82

TERMINALS — SOLD IN PKG. OF 100 (FIG. 5)

Mfg. Part No.	AWG	Description	Stock No.	Price Each
				1-9
● 50394-8100	30-26	Crimp Terminal	18M8144	14.68

TERMINALS - SOLD IN REELS OF 10,000

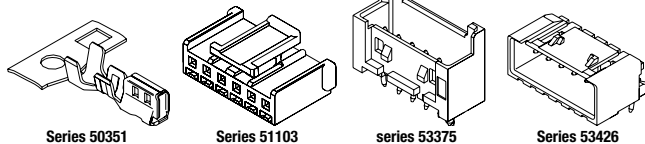
● 50394-8051	30-26	Crimp Terminal	95H7593	0.05
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MILLI-GRID ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
11-26-7074	Extractor Tool	06H1127	41.40
11-01-0204	Crimp Hand Tool	66F3868	310.50

(8453)

Mini-Lock™ 2.50mm (0.098") PITCH WIRE-TO-BOARD CRIMP TERMINALS/HOUSINGS/HEADERS



- Voltage: 250 V
- Current: 3.0 A
- Wire Range: 22-28 AWG
- Contact Resistance: 20 mΩ max.
- Dielectric Withstanding Voltage: 1000 VAC/1 min.
- Insulation Resistance: 1000 MΩ min.

50351 series has four points of contact. Housing lance provides secure terminal retention. 51103 series housing mates with 53375 and 53426 series headers, use with 50351 series crimp terminals. 53375 and 53426 series headers contacts tin-plated. Locking ribs and holes accept either positive or friction-locking housings. Shrouded design protects and facilitates mating. Kinked PC tails provide secure PCB retention.

50351 SERIES WIRE-TO-BOARD CRIMP TERMINAL

Mfg. Part No.	AWG	Insulation Dia. (mm)	Strip Length (mm)	Pkg. of	Stock No.	Price Each
						1-4
● 50351-8100	22-28	1.15 to 1.8	2.3 to 2.8	100	09J7576	30.92

51103 SERIES WIRE-TO-BOARD HOUSINGS WITH POSITIVE LOCK

Mfg. Part No.	Circuits	Length mm (in.)	Stock No.	Price Each
				1-9
● 51103-0200	2	7.20 (0.283)	09J7577	0.15
● 51103-0300	3	9.70 (0.382)	18M8157	0.19
● 51103-0400	4	12.20 (0.480)	18M8158	0.20
● 51103-0500	5	14.70 (0.579)	18M8159	0.21
● 51103-0600	6	17.20 (0.677)	09J7581	0.33
● 51103-0700	7	19.70 (0.776)	09J7582	0.37
● 51103-0800	8	22.20 (0.874)	09J7583	0.40
● 51103-0900	9	24.70 (0.972)	28M9440	0.43
● 51103-1000	10	27.20 (1.071)	09J7585	0.48

53375 SERIES WIRE-TO-BOARD HEADERS

● 53375-0210	2	7.40 (0.291)	09J7586	0.47
● 53375-0310	3	9.90 (0.390)	09J7587	0.57

➔ CONTINUED ➔

Mini-Lock™ 2.50mm (0.098") PITCH WIRE-TO-BOARD CRIMP TERMINALS/HOUSINGS/HEADERS (CONT.)

53375 SERIES WIRE-TO-BOARD HEADERS

Mfg. Part No.	Circuits	Length mm (in.)	Stock No.	Price Each
				1-9
● 53375-0410	4	12.40 (0.488)	09J7588	0.66
● 53375-0510	5	14.90 (0.587)	18M8181	0.76
● 53375-0610	6	17.40 (0.685)	09J7590	0.85
● 53375-0710	7	19.90 (0.783)	18M8182	0.91
● 53375-0810	8	22.40 (0.882)	09J7592	0.95
● 53375-0910	9	24.90 (0.980)	09J7593	0.97
● 53375-1010	10	27.40 (1.079)	28M9453	1.06

53426 SERIES WIRE-TO-BOARD RIGHT ANGLE HEADERS

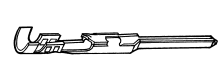
● 53426-0310	3	9.90 (0.390)	28M9454	0.47
● 53426-0410	4	12.40 (0.488)	09J7597	0.53
● 53426-0510	5	14.90 (0.587)	28M9455	0.68
● 53426-0610	6	17.40 (0.685)	28M9456	0.74
● 53426-0710	7	19.90 (0.783)	28M9457	0.79
● 53426-0810	8	22.40 (0.882)	09J7601	0.83
● 53426-0910	9	24.90 (0.980)	28M9458	0.87
● 53426-1010	10	27.40 (1.079)	28M9459	0.93

TOOL FOR 50351 SERIES APPLICATIONS

Mfg. Part No.	Description	Stock No.	Price Each
57295-5000	Crimp Tool, applicable wire size (AWG): 28, 26, 24, 22	92C8040	949.50

(90519)

0.100" (2.54) PITCH SL™ CRIMP TERMINALS



- Voltage: 250 V
- Current: 3.0 A
- Contact Resistance: 15mΩ Max.
- Insulation Resistance: 1000MΩ Min.
- Operating Temp.: -40°C to +105°C

Dual-beam, fully enclosed female box contact. Dual-tab strain relief. Locking tang secures terminal in housing. Package pricing is per package. Reel pricing is per piece.

70058 SERIES PITCH CRIMP TERMINALS, FEMALE - FIG. 1 (SOLD IN REELS OF 20,000)

Mfg. Part No.	AWG	Stock No.	Price Each
● 16-02-0083	24-22	18M7946	0.09
● 16-02-0088	30-24	18M7948	0.09

70058 SERIES PITCH CRIMP TERMINALS, FEMALE - FIG. 1 (SOLD IN PACKAGES OF 100)

● 16-02-0098**	24-30	35C5016	12.95
● 16-02-0104**	22-24	35C5019	10.80
● 16-02-0096*	24-30	35C5014	5.83
● 16-02-0102*	22-24	35C5017	5.45
● 16-02-0097†	24-30	35C5015	8.80
● 16-02-0103†	22-24	35C5018	8.21

70058 SERIES PITCH CRIMP TERMINALS, FEMALE - FIG. 1 (SOLD INDIVIDUALLY)

● 16-02-0087†	24-30	95B1721	0.14
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71851 SERIES PITCH CRIMP TERMINALS, HIGH-FORCE, FEMALE - FIG. 2 (SOLD INDIVIDUALLY)

● 16-02-1116*	24-30	28C7102	0.14
● 16-02-1114*	22-24	72C8257	0.11
● 16-02-1109†	24-30	18M7949	0.30
● 16-02-1125†	22-24	50B8389	0.15

70021 SERIES PITCH CRIMP TERMINALS, MALE - FIG. 3 (SOLD INDIVIDUALLY)

Dual-tab strain relief. Locking tag secures terminal in housing. Mates with 70058 and 71851 series.

● 16-02-0108*	24-30	37B431	0.09
● 16-02-0109†	24-30	74C3240	0.11
● 16-02-0114*	22-24	50B8388	0.10
● 16-02-0115†	22-24	98B6221	0.13

70021 SERIES PITCH CRIMP TERMINALS, MALE - FIG. 3 (SOLD IN PACKAGES OF 100)

● 16-02-0109-C†	24-30	95H7609	12.23
● 16-02-0110-C**	24-30	95H7610	21.57
● 16-02-0114*	22-24	95H7611	6.73

*Plated with 150µ" tin over 50µ" nickel overall; **Plated with 30µ" min. gold in select area over 50µ" min. nickel overall with 75µ" tin in select area; †15µ" min. gold in select area over 50µ" min. nickel overall with 75µ" tin in select area.

HAND CRIMPERS FOR SL™ TERMINALS (SOLD INDIVIDUALLY)

Mfg. Part No.	AWG	Insulation Dia.	Strip Length	Stock No.	Price Each
11-01-0209	22-30	0.017-0.025"	0.100-0.125"	16F6110	310.50
11-01-0208	32-36	0.040-0.060"	0.100-0.125"	16F6111	310.50

➔ CONTINUED ➔

PCB TO CABLE HEADERS & SOCKETS

0.100" (2.54) PITCH SL™ CRIMP TERMINALS (CONT.)

EXTRACTION TOOL FOR SL™ CRIMP TERMINALS

Mfg. Part No.	For Use With	Stock No.	Price per Pkg.	
			1-4	
● 02-08-1202	Both male and female terminals	95H7686	14.07	

C-GRID III CRIMP TERMINALS

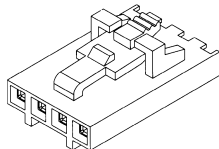
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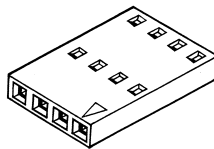
- Voltage Rating: 350 V
- Current Rating: 3 A
- Wire Size: 22, 24 AWG
- Contact Material: Copper alloy
- Wire Insulation Diameter: 1.02-1.47mm (.040-.058")

Mfg. Part No.	Contact Plating	Stock No.	Price Each	
			1-99	100-249
● 90119-2109	Tin	60H4149	0.12	0.10
● 90119-2110	Gold	60H4150	0.23	0.21

0.100" (2.54) SL™ CRIMP HOUSINGS



70066 Series Version G



70066 Series Version A

- Single-Row 0.100" Center
- Wire-To-Board Applications
- Alignment Ribs Prevent Contact Damage
- Operating Temperature: -40°C to +105°C

Anti-entanglement ribs prevent wire from catching under lock during harness assembly. Uses 70058 and 71851 series crimp terminals; order separately. Go online or call. Mates with 70543 and 70553 series headers; order separately. Go online or call.

70066 SERIES SINGLE-ROW, VERSION G, POSITIVE LATCH CRIMP HOUSING

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-9	
● 50-57-9402	2	38C9863	0.70	
● 50-57-9403	3	38C9864	0.48	
● 50-57-9404	4	25C5453	0.68	
● 50-57-9405	5	98B5365	0.87	
● 50-57-9406	6	38C9865	0.72	
● 50-57-9407	7	25C5452	0.44	
● 50-57-9408	8	38C9866	0.90	
● 50-57-9409	9	38C9867	0.90	
● 50-57-9410	10	38C9868	0.92	

70066 SERIES SINGLE-ROW, VERSION A, CRIMP HOUSINGS

End-to-end and side-to-side stackable for single- or dual-row connections. Use with types 70058 and 71851 crimp terminals. Mates with types 8624, 42375, 42377, 70280, 71038 and 71764 headers.

● 50-57-9002	2	50B8426	0.28	
● 50-57-9003	3	29C3951	0.38	
● 50-57-9004	4	18M8135	0.47	
● 50-57-9005	5	37B2075	0.52	
● 50-57-9006	6	29C3955	0.67	
● 50-57-9007	7	34C3297	0.80	
● 50-57-9008	8	37B2077	0.69	
● 50-57-9009	9	71H3854	1.11	
● 50-57-9010	10	37B2079	0.99	
● 50-57-9411	11	95C0424	1.03	
● 50-57-9412	12	57H1897	1.26	
● 50-57-9413	13	97C7218	1.81	
● 50579415	15	89C3259	1.45	

70066 SERIES SINGLE-ROW, VERSION C, FRONT RIB CRIMP HOUSINGS

Use with types 70058 and 71851 crimp terminals. Mates with types 70543, 70544, 70545, 70546, 70553, 70544, 70555 and 70556 headers.

● 50-57-9202	2	18M8136	0.66	
● 50-57-9203	3	45C7116	0.60	
● 50-57-9204	4	95H7425	0.40	
● 50-57-9205	5	95H7426	0.66	
● 50-57-9206	6	95H7427	0.45	
● 50-57-9207	7	95H7428	0.48	
● 50-57-9208	8	95H7429	1.11	
● 50-57-9210	10	95H7431	0.82	

70107 SERIES SINGLE-ROW, VERSION B, CRIMP HOUSINGS

● 70107-0036	6	59H2449	1.84	
● 70107-0038	4	97C7233	2.74	

➤ CONTINUED ➤

0.100" (2.54) SL™ CRIMP HOUSINGS (CONT.)

70543 SERIES SINGLE-ROW, VERTICAL WIRE-TO-BOARD SHROUDED HEADER

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-9	
● 70543-0106	2	59H2684	1.99	
● 70543-0044	10	18M8238	1.37	
● 70543-0013	14	92C1637	4.23	
● 70543-0014	15	59H2654	4.43	
● 70543-0015	16	59H2655	4.63	
● 70543-0019	20	59H2659	5.39	

70545 SERIES SINGLE-ROW, VERTICAL TRI-PEG WIRE-TO-BOARD SHROUDED HEADER

● 70545-0001	2	59H2749	1.14	
● 70545-0002	3	59H2750	1.80	
● 70545-0036	2	97C6848	1.10	
● 70545-0037	3	59H2772	1.42	
● 70545-0038	4	59H2773	1.33	
● 70545-0046	12	59H2779	2.69	

70553 SERIES SINGLE-ROW, RIGHT-ANGLE WIRE-TO-BOARD SHROUDED HEADER

● 70553-0004	5	18M9799	2.02	
● 70553-0046	12	59H2897	2.80	

70553 SERIES SINGLE-ROW, RIGHT-ANGLE TRI-PEG WIRE-TO-BOARD SHROUDED HEADER

● 70555-0036	2	59H2957	1.62	
● 70555-0072	3	59H2978	1.58	
● 70555-0003	4	59H2935	1.93	
● 70555-0038	4	59H2959	1.60	
● 70555-0039	5	96C8606	2.46	
● 70555-0042	8	59H2962	2.14	

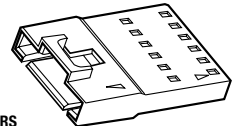
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0.100" PITCH SL™ WIRE-TO-WIRE CONNECTORS



- Black Glass-Filled Polyester, UL 94V-0
- Operating Temperature: -40° to +105°C

Used primarily for remote interconnections. Locking crown secures positive latch to connector. Polarization slots guide front ribs of mating connector to prevent pin damage. Mates with series 70066 crimp housings; order separately on this page.

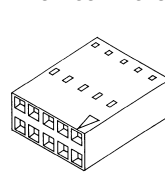


70107 SERIES SINGLE-ROW, VERSION A, WITHOUT MOUNTING EARS

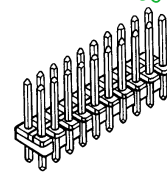
Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-9	
● 70107-0001	2	38C9937	0.66	
● 70107-0002	3	38C9938	0.60	
● 70107-0003	4	38C9939	0.68	
● 70107-0004	5	38C9940	1.15	
● 70107-0005	6	38C9941	1.14	
● 70107-0006	7	18M8221	2.28	
● 70107-0007	8	38C9943	1.69	
● 70107-0008	9	20M2939	2.40	
● 70107-0009	10	38C9945	2.10	

(69955)

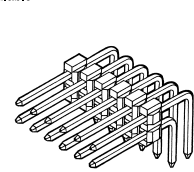
0.100" (2.54) C-Grid® HIGH-DENSITY DUAL ROW CONNECTORS



70450 Series

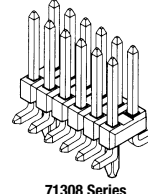


70280 Series

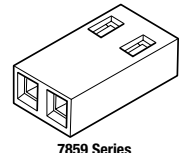


71764 Series

- Voltage: 250 V
- Current Rating: 3 A
- Contact Resistance: 15 mΩ Max.
- Dielectric Withstanding Voltage: 1500 V
- Insulation Resistance: 1000 MΩ Min.
- Operating Temperature: -40°C to +105°C



71308 Series



7859 Series

70450 SERIES DUAL ROW CRIMP HOUSINGS, NON-POLARIZED

Stackable end-to-end and side-to-side on 0.100" (2.54mm) grid. Use with C-grid SL crimp terminals; order separately below. Mate with 70280, 71308, or 71764 series dual row headers; order separately below.

Mfr. Part No.	Circuits	Stock No.	Price Each	
			1-9	
● 22-55-2041	4	37B1254	2.45	
● 22-55-2061	6	38C9187	1.36	

➤ CONTINUED ➤

PCB TO CABLE HEADERS & SOCKETS

0.100" (2.54) C-Grid® HIGH-DENSITY DUAL ROW CONNECTORS (CONT.)

Mfr. Part No.	Circuits	Stock No.	Price Each	
				1-9
● 22-55-2081	8	06C1181		1.73
● 22-55-2082*	8	56H4209		2.45
● 22-55-2101	10	38C9188		1.82
● 22-55-2102*	10	88C9512		1.96
● 22-55-2121	12	38C9189		2.25
● 22-55-2141	14	18M8006		3.14
● 22-55-2161	16	34C3300		2.82
● 22-55-2162*	16	56H4218		3.47
● 22-55-2181	18	38C9190		4.19
● 22-55-2201	20	38C9191		4.31
● 22-55-2221	22	37B1260		3.46
● 22-55-2241	24	18M8007		4.69
● 22-55-2301	30	53H6706		3.26
● 22-55-2341	34	38C9192		3.90
● 22-55-2401	40	18M8008		5.88
● 22-55-2501	50	38C9193		5.00

90142 SERIES DUAL ROW CRIMP CONNECTOR HOUSING

● 90142-0008	8	96C8855		0.69
● 90142-0010	10	60H4584		0.85
● 90142-0020	20	60H4587		1.41

* Polarized

70280 SERIES DUAL ROW VERTICAL PIN BREAKAWAY HEADERS

Easy breakaway to smaller sizes. Stackable end-to-end and side to side. Drawn 0.025" (0.635mm) square wire provides 4-sided smooth surface. Standoffs facilitate post solder cleaning. Mate with 70450 series connector housings; order separately above and 7859 series shunts; order separately below.

Mfr. Part No.	Circuits	Plating	Pkg. of	Stock No.	Price Per Pkg.	
					1-4	
● 10-89-7062	6	Gold	1	31M6946		0.50
● 10-89-7082	8	Gold	1	70K9523		0.83
● 10-89-7102	10	Gold	1	70K9522		0.93
● 10-89-7162	16	Gold	1	18M7881		0.92
● 10-89-7202	20	Gold	10	74K0302		16.59
● 10-89-7262	26	Gold	1	70K9515		2.46
● 10-89-7342	34	Gold	10	28M9336		26.08
● 10-89-7402	40	Gold	10	74K3197		33.18
● 10-89-7502	50	Gold	1	74K2675		4.62
● 10897802	80	Gold	1	01J4587		6.41
● 10897801	80	Tin	1	01J4586		5.20
● 10897061	6	Tin	1	01J4517		0.29
● 10897081	8	Tin	1	01J4520		0.39
● 10-89-7082	8	Gold	1	70K9523		0.83
● 10897101	10	Tin	1	01J4522		0.55
● 10897102	10	Gold	1	01J4523		0.66
● 10897141	14	Tin	1	01J4528		0.76
● 10897162	16	Gold	1	01J4532		1.01
● 10897202	20	Gold	1	01J4537		1.39
● 10897302	30	Gold	1	01J4549		2.08
● 10897402	40	Gold	1	01J4559		2.77

71764 SERIES DUAL ROW RIGHT-ANGLE PIN BREAKAWAY HEADERS

● 71764-0180	80	Gold	1	66K6133		12.42
● 71764-0080	80	Tin-Lead	1	74K3189		9.30

75102 SERIES DUAL ROW BREAKAWAY HEADERS

Similar to 70280 series, but with full shroud, press-fit PCB mounting. Stackable end-to-end and side to side. Drawn 0.025" (0.635mm) square wire provides 4-sided smooth surface. Mate with 70450 series connector housings; order separately above and 7859 series shunts; order separately below.

● 751020078	80	Gold	1	01J9531		19.95
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71308 SERIES DUAL ROW SMT VERTICAL HEADERS WITHOUT PEG

Headers are vapor phase/IR reflow process compatible and stackable end-to-end. Drawn 0.025" square wire provides 4-sided smooth interface. Mate with 70450 series housing; order separately above, 7859 series shunts; order separately below, and crimp terminals; order separately on pages 663-664.

Mfr. Part No.	Circuits	Plating	Stock No.	Price Each	
					1-9
● 15-91-0800	8	Gold	18M7944		10.33
● 15-91-2800	80	Gold	18M7945		8.93
● 15-91-0060	6	Gold	55H2057		0.93
● 15-91-0140	14	Gold	55H2067		2.16
● 15-91-0160	16	Gold	55H2070		1.49
● 15-91-2035	3	Gold	55H2197		3.61
● 15-91-2045	4	Gold	55H2198		4.45
● 15-91-2055	5	Gold	55H2199		3.99
● 15-91-2100	10	Tin	06H1106		0.82
● 15-91-2140	14	Tin	55H2209		1.91
● 15-91-2160	16	Tin	97C5325		1.32

➤ CONTINUED ➤

0.100" (2.54) C-Grid® HIGH-DENSITY DUAL ROW CONNECTORS (CONT.)

90130 SERIES DUAL ROW VERTICAL FULLY LOADED HEADERS

Mfr. Part No.	Circuits	Plating	Stock No.	Price Each	
					1-9
● 90130-3106	6	Tin	60H4369		1.50
● 90130-3210	10	Gold	60H4386		2.05
● 90130-1114	14	Tin	60H4318		1.82
● 90130-3120	20	Tin	60H4376		3.50
● 90130-3134	34	Tin	60H4380		5.57

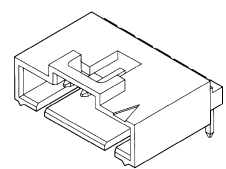
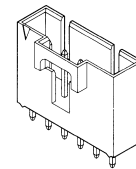
7859 SERIES TWO CIRCUIT SHUNT/JUMPERS

Open or closed top to prevent upside down mating. Stackable end-to-end and side-to-side. Acts as DIP switch by increasing current flow and decreasing resistance. Dual beam copper alloy terminals offer 2 points of contact per pin. Glass-filled polyester housing, rated UL 94V-0. Contact resistance: 15 mΩ (gold). Current rating: 5 A. Mate with 8624 series breakaway headers and any C-Grids header; order separately above.

Mfr. Part No.	Top	Plating	Stock No.	Price Each	
					1-9
● 15-29-1024	Open	15µ" Gold	38C9017		0.28
● 15-29-1025	Closed	15µ" Gold	38C9018		0.28
● 15-38-1024	Open	150µ" Tin	38C9019		0.27
● 15-38-1026	Closed	150µ" Tin	95H7509		0.34
● 90059-0007	Open	5.0µm(200µ")min Tin	95H7510		0.25

(8407)

0.100" (2.54) SL™ HEADERS



- Voltage: 250 V
- Current: 3 A
- Contact resistance: 15 mΩ Max.
- Dielectric Withstanding Voltage: 1500 V
- Insulation Resistance: 1000 MΩ min.
- Contacts: Copper Alloy, 0.025" Square
- Plating: 15µ" Gold, 30µ" Gold, 150µ" Tin
- Operating Temperature: -40°C to +105°C

Single-row 0.100" center wire-to-board vertical and right-angle shrouded locking headers feature locking crown that secures positive latch to header. Polarization slots guide front ribs to prevent pin damage. Mate with 70066 series crimp housings; order separately on page 664.

70543 SERIES VERTICAL SHROUDED LOCKING HEADERS 15µ" GOLD

Mfg. Part No.	Circuits	Stock No.	Price Each	
				1-9
● 70543-0001	2	18M8228		0.89
● 70543-0002	3	38C9947		1.02
● 70543-0003	4	18M8229		0.91
● 70543-0004	5	18M8230		1.13
● 70543-0005	6	18M8231		1.23
● 70543-0006	7	18M8232		1.55
● 70543-0007	8	18M8233		1.80
● 70543-0008	9	18M8234		2.94
● 70543-0009	10	18M8235		2.77

70543 SERIES VERTICAL SHROUDED LOCKING HEADERS 150µ" TIN

● 70543-0036	2	95H7398		1.06
● 70543-0037	3	18M8236		1.03
● 70543-0038	4	18M8237		1.13
● 70543-0039	5	95H7400		1.65
● 70543-0040	6	95H7401		1.03
● 70543-0041	7	95H7402		1.98
● 70543-0042	8	95H7403		1.26
● 70543-0043	9	95H7405		2.02

70543 SERIES VERTICAL SHROUDED LOCKING HEADERS 30µ" GOLD

● 70543-0107	3	95H7406		1.26
● 70543-0109	5	30M8012		2.31
● 70543-0110	6	28M9467		2.51
● 70543-0112	8	95H7410		1.59
● 70543-0113	9	28M9468		3.17
● 70543-0114	10	95H7412		2.13

70553 SERIES RIGHT-ANGLE SHROUDED LOCKING HEADERS 15µ" GOLD

● 70553-0001	2	18M8239		0.80
● 70553-0002	3	38C9956		0.96
● 70553-0003	4	38C9957		1.18
● 70553-0004	5	18M9799		2.02
● 70553-0005	6	18M8240		1.39
● 70553-0006	7	18M8241		2.41
● 70553-0007	8	38C9961		1.72
● 70553-0008	9	38C9962		2.88
● 70553-0009	10	38C9963		1.96

➤ CONTINUED ➤

PCB TO CABLE HEADERS & SOCKETS

0.100" (2.54) SL™ HEADERS (CONT.)

70553 SERIES RIGHT-ANGLE SHROUDED LOCKING HEADERS 150µ" TIN/LEAD

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-9	10-24
● 70553-0036	2	95H7413	0.93	
● 70553-0037	3	18M8242	1.03	
● 70553-0038	4	95H7415	1.03	
● 70553-0039	5	95H7416	4.79	
● 70553-0040	6	95H7417	1.79	
● 70553-0041	7	95H7418	1.11	
● 70553-0042	8	95H7419	1.95	
● 70553-0043	9	95H7420	2.18	
● 70553-0044	10	18M8243	2.15	

(17132)

2.50mm (0.098") PITCH MINI-SPOX™ WIRE-TO-BOARD HEADERS (CONT.)

5267-NA SERIES VERTICAL FULLY SHROUDED HEADERS WITHOUT KINKED TAILS

Mfg. Part No.	Circuits	Stock No.	Price Each		
			1-24	25-49	50-99
● 22-03-5025	2	55H9326	0.38	0.34	0.29
● 22-03-5125	12	50H2990	1.24	1.09	0.93

(89587)

3

0.098" (2.50) PITCH SPOX™ WIRE-TO-BOARD CRIMP TERMINAL HEADERS AND HOUSINGS

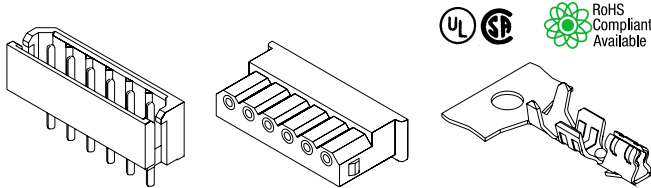


Fig. 1

Fig. 2

Fig. 3

- Voltage: 250 V
- Current: 1.5 - 3.0 A
- Contact Resistance: 20 mΩ max.
- Dielectric Withstanding Voltage: 1000 VAC/1 min.
- Insulation Resistance: 1000 MΩ min.

5267-NA series headers feature tin-plated brass contacts; operating temperature 0 to 75°C. 5264-N series housings are low profile and shrouded; operating temperature -40 to 105°C. 5263 series tin-plated phosphor bronze contacts; operating temperature -40 to 105°C.

5267-NA SERIES VERTICAL FULLY SHROUDED HEADERS (FIG. 1)

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-24	25-49
● 22-03-5045	4	95H9578	0.56	
● 22-03-5055	5	28M9357	0.75	
● 22-03-5065	6	18M7988	0.86	
● 22-03-5075	7	95H9581	0.78	
● 22-03-5085	8	28M9358	1.06	
● 22-03-5095	9	28M9359	1.14	
● 22-03-5105	10	95H9584	1.24	
● 22-03-5115	11	28M9360	1.35	

5264-N SERIES SHROUDED CRIMP TERMINAL HOUSINGS (FIG. 2)

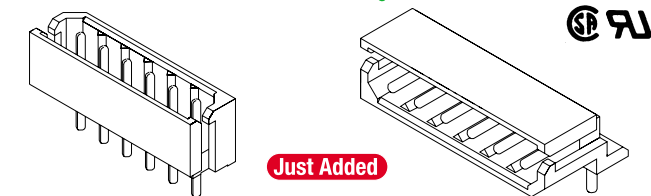
Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-4	5-12
● 50-37-5043	4	57H1786	0.30	
● 50-37-5053	5	95H9586	0.35	
● 50-37-5063	6	18M8133	0.37	
● 50-37-5083	8	28M9419	0.61	
● 50-37-5093	9	95H9588	0.52	
● 50-37-5103	10	30M0007	0.73	
● 50-37-5113	11	95H9590	0.75	
● 50-37-5123	12	95H9591	0.68	

5263 SERIES SPRING BOX CRIMP TERMINALS (FIG. 3)

Mfg Part No.	AWG	Insulation Diameter	Pkg. of	Stock No.	Price Each	
					1-4	5-12
● 08-70-1039	22-28	1.90 (.075") max.	1	12J5127	0.12	
● 08-70-1040	22-28	1.90 (.075") max.	100	95H9577	20.44	

(78163)

2.50mm (0.098") PITCH MINI-SPOX™ WIRE-TO-BOARD HEADERS



5267-NA Series

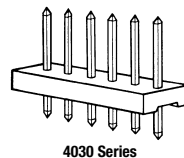
5628-NA Series

- Voltage: 250V
- Current: 1.5 to 3.0A
- Contact resistance: 20mΩ max.
- Dielectric withstanding voltage: 1000VAC/1 min.
- Insulation resistance: 1000MΩ min.

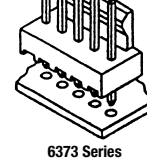
Available in sizes 2 to 15 circuits. Polarized with friction lock. 0.70mm (0.27") round pins. Housing: 6/6 nylon, UL 94V-0. Contact material: brass. Contact plating: tin.

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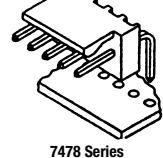
KK® SYSTEM 0.100" (2.54) CENTER HEADERS



4030 Series



6373 Series



7478 Series

- Voltage: 250 V
 - Current: 4.0 A
 - Contact Resistance: 20 mΩ
 - Dielectric Withstanding: 1500 V
 - Insulation Resistance: 50,000 MΩ Min.
 - Contact: Brass, 0.64mm (0.25") Square, Tin- and Gold-Plating
- 4030 series straight square pin flat headers are stackable end-to-end and side-to-side. 6373 series straight or 7478 series right angle square pin friction lock header with ramp. All mate with 2695 series 0.100" KK® crimp terminal housings; order separately on pages 667-668. Individual pieces available; go online or call. UL recognized, CSA certified.

4030 SERIES STRAIGHT SQUARE PIN FLAT HEADERS

Mfg. Part No.	Circuits	Plating	Stock No.	Price Each	
				1-9	10-24
● 22-03-2021	2	Tin	38C9150	0.10	0.09
● 22-03-2031	3		26H0648	0.26	0.25
● 22-03-2041	4		38C9151	0.35	0.31
● 22-03-2051	5		94F9701	0.54	0.48
● 22-03-2061	6		38C9152	0.60	0.53
● 22-03-2071	7		18M7986	0.76	0.68
● 22-03-2081	8		38C9153	0.62	0.56
● 22-03-2091	9		37B625	0.87	0.77
● 22-03-2101	10		38C9154	0.87	0.77
● 22-03-2111	11		18M7987	0.98	0.87
● 22-03-2121	12		38C9155	1.06	0.94
● 22-10-2021	2		Gold	93F9682	0.39	0.34
● 22-10-2031	3	24C7660		0.65	0.58
● 22-10-2041	4	71H2019		1.08	0.96
● 22-10-2051	5	91B4311		1.35	1.20
● 22-10-2061	6	71H2020		1.62	1.44
● 22-10-2071	7	28M9362		1.79	1.59
● 22-10-2081	8	50B8398		2.06	1.83
● 22-10-2091	9	71H2022		2.30	2.04
● 22-10-2101	10	98F9533		2.57	2.28
● 22-10-2111	11	71H2023		2.81	2.50
● 22-10-2121	12	71H2024		3.08	2.74

➤ CONTINUED ➤

PCB TO CABLE HEADERS & SOCKETS

KK® SYSTEM 0.100" (2.54) CENTER HEADERS (CONT.)

6373 SERIES STRAIGHT SQUARE PIN FRICTION-LOCK HEADERS

Mfg. Part No.	Circuits	Plating	Stock No.	Price Each	
				1-9	10-24
● 22-23-2021	2	Tin	25C3832	0.19	0.18
● 22-23-2031	3		30C0862	0.26	0.25
● 22-23-2041	4		38C0355	0.33	0.32
● 22-23-2051	5		38C9178	0.40	0.38
● 22-23-2061	6		27C1933	0.46	0.43
● 22-23-2071	7		37B795	0.54	0.48
● 22-23-2081	8		01C7592	0.62	0.59
● 22-23-2091	9		94F9622	0.71	0.63
● 22-23-2101	10		18M8005	0.62	0.56
● 22-23-2111	11		27C9916	0.77	0.73
● 22-23-2121	12		38C9179	0.84	0.75
● 22-11-2022	2		Gold	38C9162	0.42	0.37
● 22-11-2032	3	81C8218		0.76	0.73
● 22-11-2042	4	38C9163		0.79	0.75
● 22-11-2052	5	18M7990		1.14	1.01
● 22-23-2101	6	18M8005		0.62	0.56
● 22-11-2072	7	37B722		1.84	1.64
● 22-11-2082	8	38C9165		1.33	1.18
● 22-11-2092	9	71H2025		2.12	1.89
● 22-11-2102	10	38C9166		1.92	1.71
● 22-11-2112	11	18M7991		2.52	2.24
● 22-11-2122	12	38C9167		2.89	2.57

7478 SERIES RIGHT-ANGLE SQUARE PIN FRICTION-LOCK HEADERS

● 22-05-3021	2	Tin	29C8336	0.28	0.25
● 22-05-3031	3		38C9156	0.44	0.39
● 22-05-3041	4		27C1932	0.75	0.72
● 22-05-3051	5		55H9583	0.62	0.55
● 22-05-3061	6		38C9157	0.79	0.70
● 22-05-3071	7		31C8106	1.35	1.20
● 22-05-3081	8		38C9158	0.81	0.72
● 22-05-3091	9		94F9706	1.49	1.32
● 22-05-3101	10		38C9159	1.17	1.12
● 22-05-3111	11		37B700	1.65	1.47
● 22-05-3121	12		38C9160	1.68	1.49
● 22-12-2024	2		Gold	38C9170	0.87	0.77
● 22-12-2034	3	91B0411		1.11	0.99
● 22-12-2044	4	38C9171		1.33	1.18
● 22-12-2054	5	88F6029		1.46	1.30
● 22-12-2064	6	38C9172		1.89	1.68
● 22-12-2074	7	18M7994		2.60	2.31
● 22-12-2084	8	18M7995		2.16	1.92
● 22-12-2094	9	37B742		3.03	2.69
● 22-12-2104	10	38C9174		3.38	3.00

4094 SERIES RIGHT-ANGLE HEADERS

● 22-05-2021	2	Tin	71H2012	0.24	0.22	
● 22-11-2052	3		18M7990	1.14	1.01	
● 22-05-2051	5		37B672	0.58	0.52	
● 22-05-2061	6		71H2013	0.71	0.63	
● 22-05-2071	7		71H2014	0.81	0.72	
● 22-05-2081	8		71H2015	0.95	0.84	
● 22-05-2091	9		71H2016	0.72	0.64	
● 22-05-2101	10		71H2017	1.06	0.94	
● 22-05-2111	11		28M9361	1.19	1.06	
● 22-05-2121	12		71H2018	1.27	1.13	
● 22-12-2021	2		Gold	30M2627	0.57	0.51
● 22-12-2031	3			71H2027	0.84	0.75
● 22-12-2051	5	71H2029		1.33	1.18	
● 22-12-2071	7	18M7993		1.73	1.54	
● 22-12-2081	8	71H2030		2.14	1.90	
● 22-12-2101	10	18M7996		2.68	2.38	
● 22-12-2121	12	28M9365		2.31	2.05	

(8516)

HEADER TERMINAL KIT



KK system .100" center headers 6373 series straight square pin headers. 7470 series right-angle pin friction lock header with ramp. 2695 series housings.

pc	Description
100	100 KK CRP TERM LOOSE TIN 2
10	CGRD SHUNT HSG TERM TIN 2C
12	100 KK TER O/LRAMP WO/POR 2
6	100 KK TER O/LRAMP WO/POR 4
6	100 KK TERM O/LRAMP WO/POR
6	100 KK TERM HSG O/LRAMP WO/POR
6	100 KK TERM O/LRAMP WO/POR
6	100 KK HDR STR ASSY TIN 2CK
3	100 KK HDR STR ASSY TIN 4CK
3	100 KK HDR STR ASSY TIN 6CK
3	100 KK HDR STR ASSY TIN 8CK
3	100 KK HDR STR ASSY TIN 10C
6	100 KK HDR RA TIN 2C
3	100 KK HDR RA TIN 4CKT
3	100 KK HDR RA TIN 6CKT
3	100 KK HDR RA TIN 8CKT
3	100 KK HDR RA TIN 10CKT
1	CRIMP HAND TOOL AWG (14-30)

Mfg. Part No.	Description	Stock No.	Price Each
MXXK-100	.100" KK series Terminal Kit - 183pcs.	35K5827	89.45

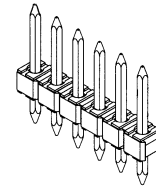
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KK® SYSTEM 0.100" (2.54) CENTER BREAKAWAY HEADERS

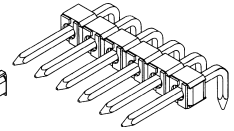


- Phosphor Bronze 0.025" Square Pins
- Pins are Tin-Plated in Solder Area
- Voltage: 250 V
- Current: 4 A
- Contact Resistance: 20 mΩ Max.

Surface mount compatible, single row stick headers are available in straight and right-angle configurations. Dielectric withstanding voltage: 1500V. Insulation resistance: 50,000MΩ min. Temperature range: 0° to +75°C. Mate with 2695 series KK® series crimp terminal housings; ordered separately on pages 667-668. UL recognized, CSA certified.



42375 Series



42377 Series

42375 SERIES STRAIGHT BREAKAWAY HEADERS

Mfg. Part No.	Circuits	Pin Length	Contact Area Plating	Stock No.	Price Each	
					1-4	5-9
● 22-28-4360	36	0.240"	Tin	56H2242	0.83	0.79
● 22-28-4363	36	0.240"	15µ" Gold	37B1108	1.25	1.18
● 22-28-4361	36	0.320"	Tin	56H2243	1.15	1.09
● 22-28-4364	36	0.320"	15µ" Gold	56H2246	1.43	1.35

42377 SERIES RIGHT-ANGLE BREAKAWAY HEADERS

● 22-28-8360	36	0.244"	Tin	56H3121	1.47	1.39
● 22-28-8362	36	0.244"	15µ" Gold	56H3123	1.82	1.72
● 22-28-8363	36	0.324"	15µ" Gold	50H8207	1.82	1.72
● 22-28-8361	36	0.324"	Tin	50H8206	1.47	1.39

(16727)

0.100" (2.54) CENTER KK® SYSTEM CRIMP TERMINAL HOUSINGS

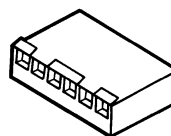


Fig. 1

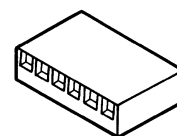


Fig. 2

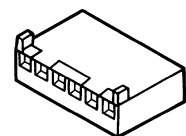


Fig. 3

- Voltage: 250 V
- Current: 2.5 A Max.
- Contact Resistance: 20 mΩ

- Dielectric Withstanding Voltage: 1500 VAC
- Insulation Resistance: 50,000 MΩ
- Nylon Material, Rated UL 94V-0

➔ CONTINUED ➔

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(94650)

PCB TO CABLE HEADERS & SOCKETS

0.100" (2.54) CENTER KK® SYSTEM CRIMP TERMINAL HOUSINGS (CONT.)

Available with or without locking ramp and polarizing ribs. Accepts 2759 series KK® series crimp terminals. 7880 series accepts 7879 series crimp terminals. Mate with 0.100" (2.54) Center KK® series headers ordered separately on pages 668-669. Order polarizing key and polarizing peg separately below. UL recognized, CSA certified.

2695 SERIES TERMINAL HOUSINGS WITH LOCKING RAMP — FIG. 1

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-9	10-24
● 22-01-2027	2	33C3219	0.18	0.15
● 22-01-2037	3	38C9135	0.28	0.23
● 22-01-2047	4	38C9137	0.36	0.30
● 22-01-2067	6	38C9139	0.24	0.23
● 22-01-2087	8	38C9141	0.40	0.37
● 22-01-2107	10	38C9143	0.91	0.75

2695 SERIES TERMINAL HOUSINGS — FIG. 2

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-9	10-24
● 22-01-2021	2	38C9133	0.18	0.15
● 22-01-2031	3	38C9134	0.19	0.18
● 22-01-2041	4	18M7982	0.24	0.22
● 22-01-2061	6	38C9138	0.32	0.30
● 22-01-2081	8	38C9140	0.48	0.45
● 22-01-2101	10	38C9142	0.91	0.75

2695 SERIES TERMINAL HOUSINGS WITH POLARIZING RIBS AND LOCKING RAMP — FIG. 3

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-9	10-24
● 22-01-3027	2	38C9144	0.21	0.18
● 22-01-3037	3	38C9145	0.31	0.26
● 22-01-3047	4	38C9146	0.17	0.16
● 22-01-3057	5	38C9147	0.52	0.43
● 22-01-3067	6	35C5333	0.62	0.52
● 22-01-3077	7	51B1462	0.40	0.37
● 22-01-3087	8	38C9148	0.82	0.68
● 22-01-3097	9	94F9699	0.53	0.49
● 22-01-3107	10	38C9149	0.49	0.46
● 22-01-3117	11	37B577	0.74	0.69
● 22-01-3127	12	93B5315	0.68	0.63
● 22-01-3187	18	10M5360	1.10	1.02
● 22-01-3207	20	18M7983	1.59	1.48

7880 SERIES HIGH-PRESSURE TERMINAL HOUSINGS

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-9	10-24
● 10-11-2013	1	36B9094	0.24	0.22
● 10-11-2023	2	01C8027	0.07	0.07
● 10-11-2033	3	18M7879	0.12	0.11
● 10-11-2043	4	13C2636	0.17	0.16
● 10-11-2053	5	36B9101	0.32	0.30
● 10-11-2063	6	35H6565	0.33	0.30
● 10-11-2073	7	36B9105	0.54	0.50
● 10-11-2083	8	13C2635	0.39	0.36
● 10-11-2093	9	18M7880	0.58	0.54
● 10-11-2103	10	36B9111	0.83	0.77
● 10-11-2123	12	28M9332	0.77	0.71

ACCESSORIES

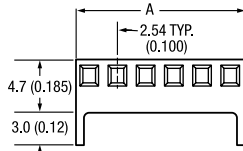
Mfg. Part No.	Description	For Connector Housings	Stock No.	Price Each
				1-9
● 15-04-9209	Polarizing Key	2695, 4455, 5051, 6471, 40251 Series	18M7941	0.15
● 15-04-9210	Polarizing Peg		38C8996	0.30

(8406)

KK® SERIES 0.100" (2.54) PC BOARD CONNECTORS



- End-to-End Stackable
- Voltage: 250 V
- Current: 2.5 A Max.
- Contact Resistance: 20 mΩ Max.
- Dielectric Withstanding Voltage: 1500 VAC
- Insulation Resistance: 50K MΩ Min.



4455 SERIES — TOP ENTRY WITH HOOKS, TIN

Mfg. Part No.	Circuits	Stock No.	Price Each		
			1-9	10-24	25-49
● 22-02-2025	2	26C1427	0.26	0.23	0.21
● 22-02-2045	4	50H8166	0.61	0.56	0.51
● 22-02-2055	5	55H9032	0.48	0.43	0.40
● 22-02-2065	6	50H8167	0.78	0.72	0.65
● 22-02-2075	7	50H8168	1.18	1.08	0.98
● 22-02-2085	8	50H8169	0.94	0.86	0.79
● 22-02-2095	9	93C9677	0.86	0.78	0.71
● 22-02-2105	10	18M7985	1.68	1.54	1.40
● 22-02-2125	12	37B602	1.81	1.67	1.52

➔ CONTINUED ➔

KK® SERIES 0.100" (2.54) PC BOARD CONNECTORS (CONT.)

4455 SERIES — TOP ENTRY WITH HOOKS, SELECT GOLD

Mfg. Part No.	Circuits	Stock No.	Price Each		
			1-9	10-24	25-49
22-18-2021	2	50H8197	0.30	0.28	0.25
22-18-2031	3	50H8198	0.57	0.53	0.48
22-18-2041	4	50H8199	0.59	0.54	0.49
22-18-2051	5	50H8200	0.84	0.78	0.71
22-18-2061	6	65H4129	0.88	0.81	0.74
● 22-18-2081	8	50H8201	1.61	1.48	1.35
22-18-2091	9	50H8202	1.30	1.20	1.09
22-18-2101	10	50H8203	1.64	1.51	1.37
● 22-18-2121	12	18M8004	1.75	1.61	1.46

4455 SERIES — BOTTOM ENTRY, TIN

● 22-14-2034	3	37B750	0.35	0.32	0.29
● 22-14-2064	6	50H8172	0.85	0.79	0.71
● 22-14-2124	12	37B759	2.11	1.94	1.77

4455 SERIES — BOTTOM ENTRY, SELECT GOLD

● 22-17-3032	3	50H8189	0.43	0.40	0.36
● 22-17-3052	5	02E2542	0.62	0.57	0.52
● 22-17-3062	6	50H8191	0.92	0.84	0.77
● 22-17-3072	7	50H8192	1.07	0.98	0.89
● 22-17-3082	8	28M9366	2.01	1.85	1.68
● 22-17-3102	10	50H8194	2.52	2.31	2.10

42625 SERIES — BOTTOM ENTRY, SELECT GOLD, HIGH-TEMPERATURE

● 22-15-2036	3	18M7999	0.51	0.47	0.43
● 22-15-2046	4	71H2033	0.73	0.67	0.61
● 22-15-2056	5	90B2818	0.50	0.46	0.42
● 22-15-2066	6	18M8000	0.91	0.84	0.76
● 22-15-2076		18M8001	1.18	1.08	0.98
● 22-15-2086	8	18M8002	0.89	0.81	0.74
● 22-15-2096	9	50H8176	1.05	0.97	0.88
● 22-15-2106	10	68H8681	1.17	1.08	0.98
● 22-15-2116	11	50H8177	1.98	1.82	1.66

4455 SERIES — RIGHT ANGLE, SELECT GOLD

22-16-2020	2	50H8178	0.48	0.45	0.41
● 22-16-2030	3	50H8179	0.59	0.55	0.50
● 22-16-2040	4	50H8180	0.96	0.88	0.80
22-16-2080	8	50H8184	1.16	1.07	0.97
● 22-16-2090	9	50H8185	1.92	1.71	1.52
22-16-2100	10	50H8186	2.27	2.09	1.90
22-16-2110	11	50H8187	1.68	1.54	1.40
22-16-2120	12	93B7268	2.25	2.07	1.88

(75485)

KK® SYSTEM 0.100" (2.54) CENTER CRIMP TERMINALS, TOOLS AND KITS



Patented double cantilever design provides high contact pressure. Brass material available in tin or gold plating for 0.100" (2.54) housings. Accept 22 through 30 AWG wire leads. 0.062" insulation diameter. Use with 2695 series KK crimp housing; order separately on pages 667-668.



2759, 6459, 7879 SERIES TERMINALS FOR 0.100" (2.54) APPLICATIONS (TAPE AND REEL)

Mfg. Part No.	Plating	Stock No.	Tape Cut
			Price Each
			1-29999
● 08-50-0004	Tin Over Copper	95H7621	0.07
● 08-50-0113	Tin	95H7622	0.03
● 08-56-0109	Gold*	95H7625	0.29
● 08-55-0101	Gold**	95H7624	0.08

2759, 6459, 7879 SERIES TERMINALS FOR 0.100" (2.54) APPLICATIONS (SOLD INDIVIDUALLY)

Mfg. Part No.	Plating	Stock No.	Price Each
			1-9
● 08-50-0114	Tin	34H3328	0.10

2759, 6459, 7879 SERIES TERMINALS FOR 0.100" (2.54) APPLICATIONS (SOLD IN PACKAGES OF 100)

Mfg. Part No.	Plating	Stock No.	Price Each
			1-4
● 08-50-0005	Tin/Copper	35C3720	10.75
● 08-50-0114	Tin	44F8234	6.85

➔ CONTINUED ➔

PCB TO CABLE HEADERS & SOCKETS

KK® SYSTEM 0.100" (2.54) CENTER CRIMP TERMINALS, TOOLS AND KITS (CONT.)

2759, 6459, 7879 SERIES TERMINALS FOR 0.100" (2.54) APPLICATIONS (SOLD IN PACKAGES OF 100)

Mfg. Part No.	Plating	Stock No.	Tape Cut	
			Price Each	1-29999
● 08-55-0102	Gold**	35C4980		14.73
● 08-52-0123	Tin	95H7623		10.22

*15µ" gold-plating. **15µ" selective gold.

CRIMP AND EXTRACTION TOOLS FOR 0.100" (2.54) APPLICATIONS

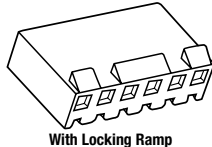
Mfg. Part No.	Description	Pin Diameter	Stock No.	Price Each
W-HT-1921-P	Prototype Crimp	0.062" and 0.100"	31F1049	12.48
● W-HTR-2262-A	Production Crimp	0.100"	28M9318	184.66
● W-HT-2759-P	Extraction Tool	0.100"	28M9314	9.97

KK 0.100" (2.54) CENTER CRIMP KIT—2.5 AMPS

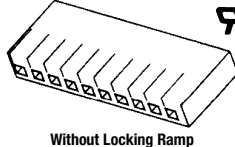
Mfg. Part No.	Kit Contents	Quantity	Stock No.	Price Each
KK-100	Crimp Terminals (22-30 AWG)	100	90F6672	45.58
	Crimp Terminal Housings	36		
	Straight Headers	18		
	Right Angle Headers	18		
	Shunts	10		
	Crimping Tool HT-1921	1		
	Extractor Tool HT-1884	1		

(8490)

0.156" (3.96) CENTER KK® CRIMP TERMINAL HOUSINGS



With Locking Ramp



Without Locking Ramp

- Voltage: 250 VAC max.
- Current: 5.0 A max.
- Contact Resistance: 6 mΩ Max.

- Dielectric Withstanding Voltage: 1500 VAC
- Insulation Resistance: 50,000 MΩ min.
- Material: Nylon Rated UL 94V-2

KK® interconnection system PC board connectors. Locking ramp and polarizing rib features available. Insulation resistance: 50k MΩ min. Accepts 2478 and 2578 series cantilever crimp terminals, order separately on pages 670-671. Mates with 0.156" (3.96) center headers and 0.045" (1.14) staked pins in the board, order separately on pages 670-671. UL recognized, CSA certified. Order polarizing accessories and type KK-156 crimp terminal kit separately below.

2139 SERIES TERMINAL HOUSINGS WITH LOCKING RAMP

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-9	10-24
● 09-50-3021	2	38C8765	0.18	0.16
● 09-50-3031	3	38C8766	0.26	0.24
● 09-50-3041	4	38C8767	0.20	0.18
● 09-50-3051	5	38C8768	0.43	0.39
● 09-50-3061	6	38C8769	0.52	0.47
● 09-50-3071	7	18M7873	0.54	0.49
● 09-50-3081	8	38C8771	0.45	0.40
● 09-50-3091	9	38C8772	0.61	0.55
● 09-50-3101	10	38C8773	0.70	0.63
● 09-50-3121	12	38C8775	0.89	0.80
● 09-50-3141	14	95H7495	1.35	1.21
● 09-50-3181	18	95H7496	1.70	1.53

2139 SERIES TERMINAL HOUSINGS WITHOUT LOCKING RAMP

● 09-50-7021	2	38C8776	0.14	0.12
● 09-50-7031	3	38C8777	0.15	0.13
● 09-50-7041	4	38C8778	0.39	0.35
● 09-50-7051	5	38C8779	0.45	0.40
● 09-50-7061	6	18M7875	0.42	0.38
● 09-50-7071	7	28M9325	0.75	0.68
● 09-50-7081	8	38C8781	0.81	0.73
● 09-50-7101	10	38C8783	0.84	0.76
● 09-50-7121	12	38C8784	1.24	1.11

KK CRIMP TERMINAL ACCESSORY CRIMP HAND TOOL

Mfg. Part No.	AWG	Wire Strip Length	Stock No.	Price Each
63811-2200	18-24	0.100-0.125"	73C5484	202.50

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
			1-9
15-04-0297	Polarizing Key	88C9597	0.26

7A CRIMP TERMINAL CENTER KIT

Kit includes: 100 crimp terminals, 48 crimp terminal housings, 24 straight breakaway headers, 1 type W-HT-1919 crimping tool, and 1 type HT-1884 extractor tool.

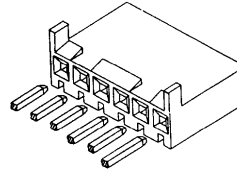
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0.156" (3.96) CENTER KK® CRIMP TERMINAL HOUSINGS (CONT.)

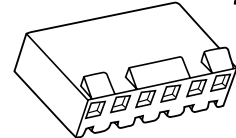
Mfg. Part No.	Stock No.	Price Each
KK-156	90F6671	46.02

(8404)

0.156" (3.96) CENTER KK® CRIMP TERMINAL HOUSINGS



With Ramp and Rib



With Ramp

- Current: Phosphor/Bronze, 7.0 A Max., Brass: 5.0 A Max.
- Voltage: 250 VAC Max.

- Resistance: 20 mΩ
- Dielectric Withstanding Voltage: 1500 VAC for 60 Seconds
- Operating Temperature: 0 to +75°C

KK® interconnection system PC board connectors. 94V-0 polyester material. Accepts 2478 and 2578 series cantilever crimp terminals, order separately on pages 670-671. Mates with 0.156" (3.96) center headers and 0.045" (1.14) staked pins in the board, order separately on pages 670-671. Insulation resistance: 500kMΩ min. Order polarizing key separately below.

41695 SERIES HOUSINGS WITH LOCKING RAMP AND POLARIZING RIBS

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-9	10-24
● 09-50-8023	2	98B5368	0.13	0.12
● 09-50-8033	3	38C8787	0.19	0.17
● 09-50-8043	4	38C8789	0.37	0.33
● 09-50-8053	5	38C8790	0.41	0.37
● 09-50-8063	6	38C8792	0.39	0.35
● 09-50-8073	7	90B7962	0.61	0.55
● 09-50-8083	8	38C8795	0.64	0.57
● 09-50-8093	9	38C8797	0.99	0.89
● 09-50-8103	10	38C8799	0.76	0.68
● 09-50-8123	12	96B1198	1.29	1.16

41695 SERIES HOUSINGS WITH LOCKING RAMP

● 09-50-8021	2	38C8785	0.12	0.11
● 09-50-8031	3	38C8786	0.17	0.15
● 09-50-8041	4	38C8788	0.31	0.28
● 09-50-8051	5	98B9009	0.35	0.31
● 09-50-8061	6	38C8791	0.36	0.32
● 09-50-8071	7	38C8793	0.74	0.67
● 09-50-8081	8	18M7876	0.70	0.63
● 09-50-8091	9	38C8796	0.93	0.84
● 09-50-8101	10	38C8798	0.94	0.84
● 09-50-8121	12	18M7877	1.24	1.12

Mfg. Part No.	Description	Stock No.	Price Each
			1-9
● 15-04-0297	Polarizing Key	27C7983	0.20

(8370)

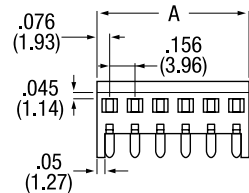
KK® SERIES 0.156" (3.96) PITCH PC BOARD CONNECTORS



- End-to-End Stackable
- Voltage: 250 V
- Current: 2.5 A Max.
- Contact Resistance: 6 mΩ Max.
- Dielectric Withstanding Voltage: 1500 VAC
- Insulation Resistance: 50K MΩ Min.

Choice of side-entry, bottom-entry and top-entry versions with tin or gold plating.

SIDE-ENTRY



Mfg. Part No.	Circuits	Plating	Dim. A	Stock No.	Price Each		
					1-9	10-24	25-49
09-52-3031	3	Tin	0.296" (5.08)	36C2372	0.54	0.49	0.45
09-52-3041	4		0.396" (10.06)	50H8133	0.81	0.74	0.67
09-52-3051	5		0.496" (12.60)	93B2416	1.07	0.97	0.89
09-52-3071	7		0.696" (17.68)	89C3444	0.87	0.79	0.72
09-52-3081	8		0.796" (20.22)	72C9568	1.70	1.54	1.41
09-52-3091	9		0.896" (22.76)	74C6704	1.94	1.76	1.61
09-52-3101	10		0.996" (25.30)	86C7353	1.33	1.21	1.11
09-52-3111	11		1.096" (27.84)	50H8137	2.33	2.11	1.93

➤ CONTINUED ➤

PCB TO CABLE HEADERS & SOCKETS

**KK® SERIES 0.156" (3.96) PITCH
PC BOARD CONNECTORS (CONT.)**

Mfg. Part No.	Circuits	Plating	Dim. A	Stock No.	Price Each		
					1-9	10-24	25-49
● 09-62-3031	3	Gold	0.296" (5.08)	50H8140	1.20	1.09	0.99
● 09-62-3041	4		0.396" (10.06)	28M9326	1.13	1.03	0.94
● 09-62-3051TR136	5		0.496" (12.60)	93F9664	1.57	1.43	1.30
● 09-62-3081	8		0.796" (20.22)	92C8375	2.55	2.31	2.11
● 09-62-3051	10		0.996" (25.30)	93F9650	1.95	1.77	1.62

BOTTOM-ENTRY

09-52-3032	3	Tin	0.296" (5.08)	50H8132	0.78	0.71	0.64
09-52-3042	4		0.396" (10.06)	50H8134	1.04	0.94	0.86
09-52-3052	5		0.496" (12.60)	50H8135	1.29	1.17	1.07
09-52-3062	6		0.596" (15.14)	46F501	1.54	1.40	1.28
09-52-3072	7		0.696" (17.68)	36B9041	2.01	1.83	1.67
09-52-3082	8	0.796" (20.22)	36B9046	2.01	1.83	1.67	
09-52-3092	9	0.896" (22.76)	36B9052	2.33	2.11	1.93	
● 09-52-3102	10	0.996" (25.30)	36B9057	2.23	2.03	1.85	
09-52-3122	12	1.196" (30.38)	36B9062	2.67	2.43	2.21	
● 09-62-3032	3	Gold	0.296" (5.08)	50H8141	1.26	1.14	1.04
● 09-62-3042	4		0.396" (10.06)	50H8143	1.70	1.54	1.41
● 09-62-3062	6		0.596" (15.14)	28M9328	2.52	2.28	2.08
● 09-62-3072	7		0.696" (17.68)	50H8149	2.96	2.68	2.45
● 09-62-3082	8		0.796" (20.22)	28M9330	3.40	3.08	2.81
● 09-62-3102	10		0.996" (25.30)	71H0322	4.12	3.74	3.41

TOP-ENTRY

09-52-3033	3	Tin	0.296" (5.08)	46F502	0.74	0.67	0.61
09-52-3043	4		0.396" (10.06)	46F503	0.56	0.51	0.46
09-52-3053	5		0.496" (12.60)	46F504	1.20	1.09	0.99
09-52-3073	7		0.696" (17.68)	36B9043	1.73	1.57	1.43
● 09-52-3083	8		0.796" (20.22)	36B9048	1.54	1.40	1.28
09-52-3093	9	0.896" (22.76)	36B9054	1.92	1.74	1.59	
09-52-3103	10	0.996" (25.30)	36B9059	1.31	1.19	1.09	
09-52-3113	11	1.096" (27.84)	50H8138	2.33	2.11	1.93	
09-52-3123	12	1.196" (30.38)	36B9064	2.55	2.31	2.11	
● 09-62-3033	3	Gold	0.296" (5.08)	32H4622	0.62	0.57	0.52
● 09-62-3053	5		0.496" (12.60)	50H8145	1.57	1.43	1.30
● 09-62-3063	6		0.596" (15.14)	50H8147	2.05	1.86	1.69
● 09-62-3073	7		0.696" (17.68)	50H8150	2.20	2.00	1.82
● 09-62-3083	8		0.796" (20.22)	91C6294	1.66	1.53	1.39
● 09-62-3103	10		0.996" (25.30)	36B9082	4.02	3.65	3.33
● 09-62-3123	12		1.196" (30.38)	50H8152	3.80	3.45	3.15

(75484)

KK® SERIES 0.156" (3.96) PITCH PC BOARD CONNECTORS

Just Added



- Voltage: 250V
- Current: 5A Max.
- Contact Resistance: 6mΩ Max.

- Dielectric Withstanding Voltage: 1500VAC
- Insulation Resistance: 50K MΩ Min.

Choice of bottom-entry, right-angle and top-entry versions with gold plating.

BOTTOM-ENTRY

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-24	25-49
● 09-48-3084	8	54H6683	2.24	1.98
● 09-48-4099	9	54H6728	1.52	1.35

RIGHT-ANGLE ENTRY

● 09-48-3105	10	54H6690	2.22	1.97
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TOP ENTRY

● 09-48-3086	8	54H6685	1.78	1.58
● 09-48-3106	10	54H6691	2.67	2.37

(89608)

0.50mm (0.020") PITCH FFC/FPC CONNECTORS

Just Added



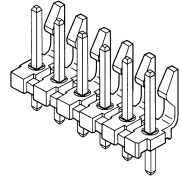
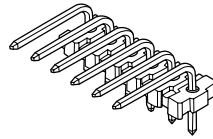
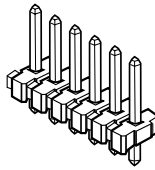
Voltage: 50V. Current: 0.5A. Contact resistance: 20mΩ max. Dielectric withstanding voltage: 250VAC/1 min. Insulation resistance: 50MΩ max. Housing: 4/6 nylon, UL 94V-0 rated. Actuator: PPS, UL 94V-0 rated. Contacts: phosphor bronze. Plating: tin over nickel. Operating temperature: -20°C to +85°C.

54132 SERIES RIGHT ANGLE, SURFACE MOUNT, ZIF BOTTOM CONTACT STYLE RECEPTACLES

Mfg. Part No.	Circuits	Stock No.	Price Each		
			1-24	25-49	50-99
● 54132-3697	36	59J0659	2.83	2.58	2.26
● 54132-4097	40	59J0661	2.96	2.70	2.37
● 54132-5097	50	59J0664	3.49	3.19	2.79

(89596)

0.156" (3.96) CENTER KK® CRIMP HEADERS



44661 Series

41662 Series

41671 Series

- Voltage: 250VAC Max.
- Current: 7.0A Max.
- Contact Resistance: 6mΩ Max.
- Dielectric Withstanding Voltage: 1500V
- Insulation Resistance: 50K MΩ Min.
- Black Glass-Filled Polyester Housing, Rated UL94V-0

24-circuit sticks can be broken into the required number of circuits. Mate with 2139 and 41695 series KK® crimp terminal housings; order separately on page 669 UL recognized, CSA certified.

41661 SERIES STRAIGHT PIN HEADERS

Mfg. Part No.	Circuit	Stock No.	Price Each	
			1-4	5-9
● 26-48-1091*	9	56H5144	0.62	0.56
● 26-48-2121*	12	56H5133	3.22	2.88
● 26-48-1241*	24	38C0414	1.41	1.37

41662 SERIES RIGHT-ANGLE PIN HEADERS

● 26-48-1242*	24	38C0415	1.33	1.29
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41671 SERIES STRAIGHT PIN FRICTION LOCK HEADERS

● 26-48-1025*	2	56H5100	0.11	0.10
● 26-48-1035*	3	56H5107	0.16	0.15
● 26-48-1045*	4	56H5115	0.25	0.22
● 26-48-1065*	6	56H5128	0.42	0.38
● 26-48-1085*	8	56H5141	0.56	0.50
● 26-48-1105*	10	56H5155	0.70	0.63
● 26-48-1125*	12	56H5169	0.73	0.66
● 26-48-2035*	3	56H5259	0.96	0.85
● 26-48-2045*	4	56H5266	1.53	1.37
● 26-48-2065*	6	56H5280	2.75	2.45
● 26-48-2085*	8	56H5293	3.67	3.28
● 26-48-2095*	9	56H5299	4.12	3.68
● 26-48-2105*	10	56H5306	4.60	4.10
● 26-48-1245*	24	38C0416	1.78	1.73
● 26-48-2245**	24	18M8022	13.72	13.32

41672 SERIES RIGHT-ANGLE PIN FRICTION LOCK HEADERS

● 26-48-1056*	5	56H5123	0.26	0.24
● 26-48-2096*	9	56H5300	3.81	3.40
● 26-48-1246*	24	38C0417	2.22	2.15
● 26-48-2246**	24	28M9376	10.25	9.95

*Tin plating; **Overall gold plating (8405)

0.156" (3.96) KK® CRIMP TERMINALS



- Voltage: 250V
- Current: Brass 5.0 A max. Phosphor Bronze 7.0 A max.
- Contact Resistance Series 2478-2578: 20 mΩ max.
- Contact Resistance Series 6838-7258: 6 mΩ max.
- Dielectric Withstanding Voltage: 1500 V
- Insulation Resistance: 50,000 MΩ min.



Patented double cantilever design. Phosphor bronze or brass, in tin or gold plating. Use with 2139 and 41695 series 0.156" (3.96) KK® series crimp terminal housings; order separately on this page.

2478, 2578 SERIES CRIMP TERMINALS - SOLD IN PACKAGES OF 100

Mfg. Part No.	Material	AWG	Plating	Insul. Dia.	Stock No.	Price Each
● 08-52-0072	Phosphor/Bronze	18-24	Tin	0.110"	35C3724	4.02
● 08-58-0122	Phosphor/Bronze	18-24	Gold Overall	0.110"	35C3729	58.21
● 08-50-0134	Phosphor/Bronze	22-26	Tin	0.065"	35C3723	5.36
● 08-58-0126	Phosphor/Bronze	22-26	Gold Overall	0.065"	35C3730	50.05
● 08-50-0106	Brass	18-20	Tin	0.110"	35C3721	3.86
● 08-50-0108	Brass	22-26	Tin	0.065"	35C3722	5.43
● 08-55-0104	Brass	18-20	Gold Select	0.110"	95H7521	21.16
● 08-56-0106	Brass	18-20	Gold Overall	0.110"	35C3727	48.59
● 08-56-0108	Brass	22-26	Gold Overall	0.065"	35C3728	73.45

2478, 2578 SERIES CRIMP TERMINALS - SOLD IN REELS OF 7000

● 08-52-0071	Phosphor/Bronze	18-20	Tin	0.110"	95H7519	0.04
● 08-50-0105	Brass	18-20	Tin	0.110"	95H7515	0.04
● 08-56-0105	Brass	18-20	Gold Overall	0.110"	95H7522	0.45

▶ CONTINUED ▶

PCB TO CABLE HEADERS & SOCKETS • FLAT/FLEX RIBBON CABLE CONNECTORS

0.156" (3.96) KK® CRIMP TERMINALS (CONT.)

6838, 7258 SERIES CRIMP TERMINALS - SOLD IN PACKAGES OF 100

Mfg. Part No.	Material	AWG	Plating	Insul. Dia.	Stock No.	Price Each	
						1-4	
● 08-50-0185	Brass	22-26	Tin	0.065"	95H7516	8.62	
● 08-50-0189	Brass	18-20	Tin	0.110"	95H7518	4.52	
● 08-52-0113	Phosphor Bronze	18-20	Tin	0.110"	35C3725	4.51	
● 08-52-0125	Phosphor Bronze	22-26	Tin	0.065"	35C3726	5.53	

6838, 7258 SERIES CRIMP TERMINALS - SOLD IN REELS OF 7000

● 08-52-0112	Phosphor Bronze	18-20	Tin	0.110"	95H7520	0.05	
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KK® CRIMP TERMINALS ACCESSORIES

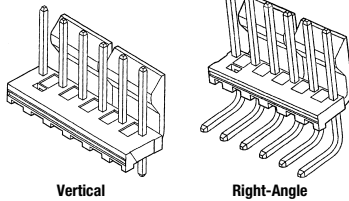
Mfg. Part No.	Description	Stock No.	Price Each
W-HT-1919-P	Prototyping Crimp for 0.093" and 0.156" Terminals	31F1048	12.48
63811-2200	Production Crimp for 0.156" Terminals 18-24 AWG	73C5484	202.50
63811-2300	Production Crimp for 0.156" Terminals 22-26 AWG	97H6023	310.50
11-03-0016	Crimp Terminal Extractor	91B1215	28.35

(8408)

0.156" (3.96) CENTER KK® SOLID HEADERS

- End-to-End Stackable
- Voltage: 250 V
- Current: 7.0 A
- Contact Resistance: 6 mΩ max.
- Insulation Resistance: 50K MΩ min.

Passive locking maintains interconnection, ideal for high vibration applications. Left-to-right polarization when mated with type 41695 0.156" crimp housing with polarizing ribs; order separately on page 669. Housing: polyester, rated UL 94V-0. Contact pins: brass, 0.045" (1.14). Dielectric withstanding voltage: 1500 V. Operating temperature: 0 to +75°C.



Vertical

Right-Angle

41791 SERIES VERTICAL FRICTION-LOCK HEADERS — TIN-PLATED

Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-9	10-24
● 26-60-4020	2	38C9329	0.21	0.19
● 26-60-4030	3	37B1886	0.30	0.28
● 26-60-4040	4	38C9330	0.41	0.38
● 26-60-4050	5	96B6711	0.56	0.53
● 26-60-4060	6	13C2876	0.58	0.55
● 26-60-4070	7	18C5542	0.90	0.85
● 26-60-4080	8	95B1643	0.82	0.77
● 26-60-4090	9	07C8728	1.20	1.13
● 26-60-4100	10	38C9331	1.22	1.15
● 26-60-4110	11	91C5437	1.28	1.18
● 26-60-4120	12	38C9332	2.04	1.92

41791 SERIES VERTICAL FRICTION-LOCK HEADERS — SELECT GOLD-PLATED

● 26-61-4020	2	38C9333	1.50	1.41
● 26-61-4030	3	37B1910	2.24	2.11
● 26-61-4040	4	24C0959	1.87	1.76
● 26-61-4050	5	71H2284	3.77	3.55
● 26-61-4060	6	94B4285	3.86	3.64
● 26-61-4070	7	28C6852	5.30	4.99
● 26-61-4080	8	38C9334	5.86	5.52
● 26-61-4090	9	18M8027	6.79	6.39
● 26-61-4100	10	92B0071	7.54	7.09
● 26-61-4110	11	71H2286	4.62	4.35
● 26-61-4120	12	28M9377	9.07	8.53

41792 SERIES RIGHT-ANGLE FRICTION-LOCK HEADERS — TIN-PLATED

● 26-60-5020	2	18M8023	0.28	0.26
● 26-60-5030	3	18M8024	0.39	0.37
● 26-60-5040	4	99F9270	0.45	0.42
● 26-60-5050	5	18M8025	0.73	0.69
● 26-60-5060	6	37B1902	0.83	0.78
● 26-60-5070	7	71H2281	1.27	1.20
● 26-60-5080	8	71H2282	1.46	1.37
● 26-60-5090	9	71H2283	1.68	1.58
● 26-60-5100	10	37B1904	1.83	1.72
● 26-60-5110	11	37B1906	2.06	1.93
● 26-60-5120	12	18M8026	1.94	1.83

41792 SERIES RIGHT-ANGLE FRICTION-LOCK HEADERS — SELECT GOLD-PLATED

● 26-61-5020	2	23C8341	1.23	1.15
● 26-61-5030	3	17C1877	2.59	2.43
● 26-61-5040	4	38C9336	3.50	3.30
● 26-61-5050	5	71H2287	4.37	4.11
● 26-61-5060	6	23C8343	4.26	4.01
● 26-61-5070	7	28C0358	6.12	5.76
● 26-61-5080	8	28C0359	7.18	6.75

➤ CONTINUED ➤

0.156" (3.96) CENTER KK® SOLID HEADERS (CONT.)

41792 SERIES RIGHT-ANGLE FRICTION-LOCK HEADERS — SELECT GOLD-PLATED

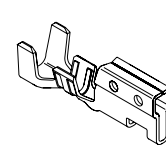
Mfg. Part No.	Circuits	Stock No.	Price Each	
			1-9	10-24
● 26-61-5090	9	71H2288	8.10	7.62
● 26-61-5100	10	38C9337	8.96	8.43
● 26-61-5120	12	38C9338	10.82	10.18

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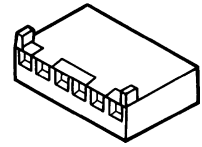
0.156" (3.96) PITCH SPOX™ CRIMP TERMINAL/HOUSING



- Voltage: 250 V
- Current: 7.0 A max.
- Contact Resistance: 10 mΩ max.
- Dielectric Withstanding Voltage: 1500 VAC/1 min.
- Insulation Resistance: 1000 MΩ min.



Series 5194-5225



Series 43061

5194 series features 4-point contact, anti-fishhooking contact design, operating temperature -40 to +105°C. 43061 series features ramp and ribs provide 180° and side to side polarization, operating temperature 0 to +75°C. Spring box terminal design offer 4 points of contact; this interconnect system is recommended for severe environmental and high vibration applications. UL listed, CSA certified.

5194 SERIES SPRING BOX CRIMP TERMINAL—SOLD IN PACKAGES OF 100

Mfg. Part No.	AWG	Insulation Diameter	Wire Strip Length	Stock No.	Price Each	
					1-4	
● 08-70-1030	18-24	1.30-3.20mm	3.0-3.5mm	95H7703	23.31	

43061 SERIES HOUSING

Mfg. Part No.	Circuits	Length (mm)	Stock No.	Price Each	
				1-24	
● 43061-0002	2	9.06	95H7704	0.42	
● 43061-0004	4	16.98	28M9400	0.61	
● 43061-0005	5	20.94	18M8103	0.43	

(78159)

HCS SERIES 4.20MM (.165") PITCH DUAL ROW HEADERS



- Voltage Rating: 600 V
- Housing Material: PA Polyamide (Nylon) %
- Contact Material: Copper Alloy
- Dielectric Withstanding Voltage: 1500 VAC

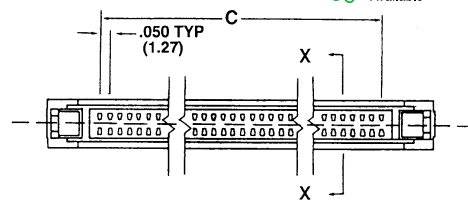
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Mates with series 5557D

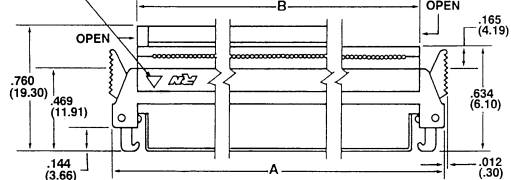
Mfg. Part No.	Circuits	Current Rating (A)	Stock No.	Price Each	
				1-24	25-49
● 44472-0454	4	11	57H1317	1.50	1.34
● 44472-0654	6	11	57H1327	2.03	1.82
● 44472-0854	8	9	57H1334	2.56	2.29

(69813)

PAK-50 P25E SERIES 0.050" IDC SOCKETS



POLARIZATION MARK PIN NO. 1



- Latch/Ejector Mechanism for Mating and Unmating
- Can Be Daisy Chained
- Ribbon Contact Design
- Contacts Protected on 3 Sides
- Phosphor Bronze Contacts

Accommodate 30 AWG, 0.025" centerline cable, ordered separately on page 1052. Mate with P25E series IDC plugs, ordered separately on page 675. Contact resistance: 30MΩ. Current rating: 0.5A. Black, glass-filled nylon body, rated UL94V-0. Temperature range: -55°C to +105°C.

➤ CONTINUED ➤