

MOD JACKS & PLUGS

FILTERED MODULAR JACKS (CONT.)

N SERIES LOW-PROFILE FILTERED MODULAR JACKS

Mfg. Part No.	Inductors Ferrite	Shield*	Terminals Loaded	Stock No.	Price Each		
					1-24	25-49	50-99
● RJ11-6N-S	Sleeve	...	6	52F7837	3.14	2.78	2.66
● RJ11-6N-B	Block	...	6	52K4539	3.22	2.85	2.73
● RJ11-6N3-B	Block	3	6	52K3910	4.09	3.62	3.47
● RJ11-6N4-B	Block	4	6	52K3911	4.09	3.62	3.47
● RJ45-8N-S	Sleeve	...	8	52F7843	2.92	2.58	2.47
● RJ45-8N-B	Block	...	8	52K3317	3.48	3.08	2.95
● RJ45-8N3-S	Sleeve	...	6	52F7845	4.70	4.16	3.98
● RJ45-8N3-B	Block	3	8	52K3318	4.09	3.62	3.47
● 1-6609212-6	Sleeve	4	8	69K5773	4.70	4.16	3.98
● RJ45-8N4-B	Block	4	8	52K3319	4.02	3.55	3.40

*Shield: 1=Panel and board-grounded, 2=Board grounded only, 3=Panel-board and cable-grounded, 4=Board and cable ground only.
(16827)

CATEGORY 3 KEYSTONE JACKS

These Keystone jacks are wired one-to-one and designed to snap into wall-plates. No special tools required for assembly. Insulation-displacement AMP-BARREL® terminals allow toolless termination of discrete wire pairs. Color: black.



IBM®-Approved Style

Commercial Style

IBM®-APPROVED STYLE JACKS — 22 AWG

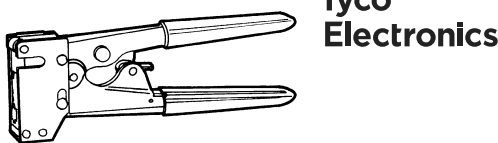
Mfg. Part No.	No. of Pairs	Equivalent IBM® Part No.	Connector Type	Stock No.	Price Each
					1-24
553983-1	3	8310575	RJ11/14/25	50F511	4.69
554546-1	4	6091030	T568B	50F863	5.31

COMMERCIAL STYLE JACKS

Mfg. Part No.	No. of Pairs	AWG	Stuffer Cap	Stock No.	Price Each
					1-24
554171-1	3	22-26	Multiple	50F513	5.02
554578-1	4	22-26	Multiple	50F864	5.21

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MODULAR PLUG TOOLS



2-231652-0

Professional production hand tool cuts, strips and terminates cable. Features CERTI-CRIMP® ratchet for proper termination. With interchangeable die sets the tool frame can accommodate all plug sizes. Cushioned handles for comfort. Choice of 3 complete tool assemblies consisting of tool frame and die set. Tool frame and interchangeable die sets ordered separately below.

Mfg. Part No.	Description	Stock No.	Price Each
2-231652-8	Tool Assembly with 4-, 6-Position Die Set	93F6988	117.41
2-231652-1	Tool Assembly with 8-Position Die Set	98F7051	117.41
3-231652-0	Tool Assembly with Category 5 8-Position Die Set	66F3376	117.41
2-231652-0	Hand Tool Frame Only	98F6804	85.89
853400-3	4-Position Die Set Only	50F887	39.41
853400-8	4-, 6-Position Die Set Only	50F890	39.41
1-853400-0	Category 5 8-Position Die Set Only	66F3374	39.41

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CAT 6 MODULAR PLUG TERMINATION TOOLS

Cat 6 termination tools allows for a one-step process for crimping all conductor and integrated shells. Used with the external strain relief clamp or 8-position Cat 3, 5, and 5e modular plugs. Both crimps the strain relief and the modular plug contacts at the same time. Order replacement die set and insertion tool separately below.

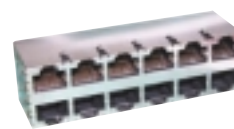
Mfg. Part No.	Description	Stock No.	Price Each
790163-1	Pro-Crimper™ Termination Tool with Die Set	01H9687	295.33
790163-2	Die Set only	95C1510	242.10
1725062-1	Cat 6 Insertion Tool	09J5655	158.95

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GANGED/STACKED MODULAR JACKS



- RJ45 Modular Jack
- Right Angle PC Board Thru Hole
- PCB Ground Tabs
- Recommended applications:
Fast Ethernet, 10 Base-T Ethernet, 10/100 Base-T Ethernet



SHIELDED—CAT-5

Mfg. Part No.	Positions	Config.	Features	Stock No.	Price Each
					1-24
● 6339169-3	8	1 x 8	Ganged	42K7644	8.97
● 5569381-1	8	2 x 1	Low Profile, Stacked	16M3304	9.37
● 5569262-1	8	2 x 4	Low Profile, Stacked	42K7315	14.45
● 6116000-1	8	2 x 6	Low Profile, Stacked	16M3408	23.41

SHIELDED—CAT-5, w/LED

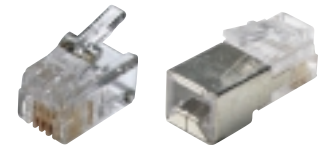
Mfg. Part No.	Positions	Config.	Features	Stock No.	Price Each
					1-24
● 5406552-1	8	1 x 4	Inverted Jack Face, Ganged	06M3188	10.64
● 5406552-8	8	1 x 4	Inverted Jack Face, Ganged	16M3259	24.88
● 1368116-1	8	2 x 6	Press-Fit, Low Profile, Stacked	11H2744	40.09
● 1116317-4	8	2 x 8	Press-Fit, Low Profile, Stacked	10H8556	56.83
● 1116317-6	8	2 x 8	Press-Fit, Low Profile, Stacked	10H8558	68.16
● 1116317-7	8	2 x 8	Press-Fit, Low Profile, Stacked	57J1341	68.16

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CATEGORY 3 AND 5 MODULAR PLUGS



- High-performance
- Insulation displacement termination
- Clear polycarbonate housing, rated UL94V-0
- Tin-Lead plated copper alloy shield
- UL listed, CSA certified
- RoHS compliant



Unshielded

Shielded

True mass termination of jacketed cable with tinsel, solid or stranded conductors. One-piece construction with preloaded, 0.014" (0.36mm) thick phosphor bronze terminals plated gold in localized area and gold flash on remainder, over nickel underplate. Shielded or unshielded plug assemblies meets FCC rules and regulations. Can be inserted into shielded or unshielded jacks; ordered separately, go online or call Newark. Terminate on round, metallized polyester shielded cable using standard tools; ordered separately below. Sold individually, except where noted in table below.

SHIELDED PLUGS — CATEGORY 3

Mfg. Part No.	No. of Positions	Stock No.	Price Each
			1-49
● 5-555174-2†	6	66F1677	1.57
● 5-555175-3‡	6	97F9546	2.01
● 5-569530-3	8	16F9029	1.80
● 5-569532-2	8	33B9360	1.89
● 5-569532-3	8	16F9028	1.80

UNSHIELDED PLUGS — CATEGORY 3

Mfg. Part No.	No. of Positions	Stock No.	Price Each
			1-49
● 5-556384-3	6	50F2174	0.22
● 5-641334-3	4	50F893	0.26
● 5-641335-3	6	50F940	0.26
● 5-555042-3	6	50F855	0.42
● 5-555426-3‡	6	50F856	0.87
● 5-557970-3**	6	66F8126	0.54
● 5-641337-3	6	50F941	0.31
● 5-555176-3‡	6	50F2176	0.80
● 5-555237-2* ‡‡	6	92F6657	78.70
● 5-554710-3	6	50F2175	0.40
● 5-554720-3	8	50F859	0.64
● 5-554720-4+	8	52F4784	8.39
● 5-554739-3	8	50F857	0.60
● 5-554743-3++	8	50F858	2.42
● 5-557315-3	8	66F8127	0.64
● 5-554169-3	8	50F2178	0.60
● 5-557963-3	10	97F9578	1.80

UNSHIELDED PLUGS — CATEGORY 5

Mfg. Part No.	No. of Positions	Stock No.	Price Each
			1-49
● 5-569278-3	8	66F8130	0.96
● 5-558530-2	8	33B9343	0.89
● 5-558530-4+	8	66F3370	18.43
● 5-558530-3*	8	66F6153	70.25

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MOD JACKS & PLUGS

CATEGORY 3 AND 5 MODULAR PLUGS (CONT.)

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
			1-24
● 558211-1	Cable Boot, Black	66F6219	0.41
1-853400-0	8-Pos. Modular Plug Die Set	66F3374	39.41
3-231652-0	8-Pos. Modular Plug Hand Tool and Die Set	66F3376	117.41

*Sold in boxes of 100; +Sold in bags of 25; †Long body; **Small conductor; ++Keyed; ‡Offset latch (83014)

HIGH-PERFORMANCE
CATEGORY 5 JACKS

Unshielded

- Black Polysulfone Housing
- Rated UL94V-0
- Current Rating: 1.5A Max. at 25°C



Shielded

- Voltage Rating: 150VAC Max.
- Operating Temperature: -40°C to +70°C

Eight-position/contact side entry single port or multi-port jacks exceed Category 5 Near End Crosstalk (NEXT) requirements for EIA/TIA TSB 40. Meet FCC Part 68 rules and regulations. Available shielded with PC board or panel grounding or unshielded with or without panel stops. Bright tin-lead plated brass shield. Phosphor bronze terminals plated gold over nickel in contact area, tin-lead over nickel in solder area.

Mfg. Part No.	Ports	Description	Stock No.	Price Each	
				1-24	25-99
● 5558341-1	1	Unshielded without Panel Stops	16M4014	2.28	1.85
● 5558342-1	1	Shielded with PC Ground	16M4015	2.88	2.34
● 5558344-1	1	Shielded with Panel Ground	42K7310	3.50	2.84

*Price column quantities vary from above; go online or call. (8085)

PC BOARD SHIELDED TOP
ENTRY MODULAR JACKS

- Black Polyester Housing
- Rated UL94V-0
- Copper Zinc Alloy Shield Plated



Eight-position flangeless jacks with panel stops, panel and PC board grounds. Conform to FCC rules and regulations Part 68 and REA bulletin 345-81, PE-76 specifications. Tin-lead over copper underplate. 0.0138" (0.350) thick phosphor bronze terminals plated with gold in localized area and tin-lead in solder area over nickel underplate. Mfg. part no. 557969-1 is keyed.

Mfg. Part No.	Positions/Contacts	Description	Stock No.	Price Each	
				1-49	50-99
● 5557730-1	8/8	Shielded	42K9935	1.28	1.16
● 5557969-1	8/8	Top Entry	42K8772	1.22	1.11

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MRJ HARSH
ENVIRONMENT
MODULAR JACKS

Just Added

- Cat 5 ethernet performance
- IP67 sealed in mated and unmated conditions
- Meets military shock and vibration levels
- Includes a feature that will not allow an RJ11 to enter
- Will not allow an improperly plug to enter

Unique and innovative RJ connector design provides the ideal solution for network data transfer in harsh and demanding environmental conditions. Metal die cast outer shell. Current rating: 1.5A. Contact tail length: 0.100".

RIGHT-ANGLE PC BOARD MOUNT

MRJ-5380-01

Mfg. Part No.	No. of Contacts	No. of Ports	No. of LEDs	LED Color	Stock No.	Price Each	
						1-9	10-24
● MRJ-5380-01	8	1	0	...	74K3107	8.17	7.30
● MRJ-5381-01	8	1	2	Yellow/Green	01M3132	8.56	7.65
● MRJ-5385-01	8	1	2	Green/Green	01M3133	8.56	7.65

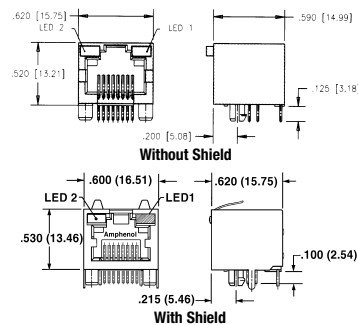
PC BOARD MOUNT WITH CABLE HEADER

● MRJ-5580-01	8	1	0	...	01M3134	22.47	20.07
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PC BOARD MOUNT WITH RJ45 TERMINATION

● MRJ-5780-01	8	1	0	...	01M3135	17.20	15.36
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RJHS SERIES
HIGH-SPEED
MODULAR JACKSAmphenol
Commercial Products

RJ-45 modular jacks with built-in LEDs. Available from 1 to 8 ports. Ideal for LAN applications such as adapter cards and routers. Designed for Category 5 performance. Copper alloy, nickel plated shield. Stamped and formed selectively plated contact has 50µ" gold on mating end and tin in PCB tail. Thermoplastic insert, which complies with UL94V-0. Dimensions: without shield .590H x .620W x .520"D, with shield .620H x .600W x .530"D. Number of contacts: 8. Single port. Contact resistance: 10mΩ maximum. Insulation resistance: 500MΩ minimum. Current rating: 1.5A. Voltage rating: 125VAC. Dielectric withstanding voltage: 1000VACrms. 60Hz 1 min. UL recognized, file no. E135615; CSA certified, file no. LR68598.

Mfg. Part No.	Description	Stock No.	Price Each	
			1-24	25-49
● RJHSE-5080	RJ45 w/o Shield, w/o LED's	84K8156	0.65	0.56
● RJHSE-5081	RJ45 w/o Shield, w LED's, led 1 green, led 2 yellow	84K8160	0.99	0.86
● RJHSE-5085	RJ45 w/o Shield, w LED's, led 1 green, led 2 green	84K8164	0.99	0.86
● RJHSE-508A	RJ45 w/o Shield, w LED's, led 1+2 - bi-color yellow/green	84K8152	1.96	1.70
● RJHSE-5380	RJ45 w Shield, w/o LED's	83K8228	1.13	0.98
● RJHSE-5381	RJ45 w Shield, w LED's, led 1 green, led 2 yellow	82K9426	1.48	1.28
● RJHSE-5385	RJ45 w Shield, w LED's, led 1 green, led 2 green	84K8178	1.48	1.28
● RJHSE-538A	RJ45 w Shield, w LED's, led 1+2 - bi-color yellow/green	84K8168	2.47	2.14
● RJHSE-5080-02	RJ45, 2 port w/o Shield, w/o LED's	84K8157	1.73	1.50
● RJHSE-5081-02	RJ45, 2port w/o Shield, w LED's, led 1 green, led 2 yellow	84K8161	2.37	2.06
● RJHSE-5085-02	RJ45, 2 port w/o Shield, w LED's, led 1 green, led 2 green	84K8165	2.37	2.06
● RJHSE-508A-02	RJ45, 2 port w/o Shield, w LED's, led 1+2 - bi-color yellow/green	84K8153	4.35	3.78
● RJHSE-5380-02	RJ45, 2 port w Shield, w/o LED's	84K8172	2.37	2.06
● RJHSE-5381-02	RJ45, 2 port w Shield, w LED's, led 1 green, led 2 yellow	84K8175	3.43	2.98
● RJHSE-5385-02	RJ45, 2 port w Shield, w LED's, led 1 green, led 2 green	84K8179	3.43	2.98
● RJHSE-538A-02	RJ45, 2 port w Shield, w LED's, led 1+2 - bi-color yellow/green	84K8169	5.41	4.70
● RJHSE-5080-04	RJ45, 4 port w/o Shield, w/o LED's	84K8158	2.47	2.14
● RJHSE-5081-04	RJ45, 4 port w/o Shield, w LED's, led 1 green, led 2 yellow	84K8162	3.78	3.28
● RJHSE-5085-04	RJ45, 4 port w/o Shield, w LED's, led 1 green, led 2 green	84K8166	3.78	3.28
● RJHSE-508A-04	RJ45, 4 port w/o Shield, w LED's, led 1+2 - bi-color yellow/green	84K8154	7.71	6.70
● RJHSE-5380-04	RJ45, 4 port w Shield, w/o LED's	84K8173	2.95	2.56
● RJHSE-5381-04	RJ45, 4 port w Shield, w LED's, led 1 green, led 2 yellow	84K8176	4.49	3.90
● RJHSE-5385-04	RJ45, 4 port w Shield, w LED's, led 1 green, led 2 green	84K8180	4.28	3.72
● RJHSE-538A-04	RJ45, 4 port w Shield, w LED's, led 1+2 - bi-color yellow/green	84K8170	8.42	7.32
● RJHSE-5080-08	RJ45, 8 port w/o Shield, w/o LED's	84K8159	5.32	4.62
● RJHSE-5081-08	RJ45, 8 port w/o Shield, w LED's, led 1 green, led 2 yellow	84K8163	7.94	6.90
● RJHSE-5085-08	RJ45, 8 port w/o Shield, w LED's, led 1 green, led 2 green	84K8167	7.94	6.90
● RJHSE-508A-08	RJ45, 8 port w/o Shield, w LED's, led 1+2 - bi-color yellow/green	84K8155	15.81	13.74
● RJHSE-5380-08	RJ45, 8 port w Shield, w/o LED's	84K8174	8.35	7.26
● RJHSE-5381-08	RJ45, 8 port w Shield, w LED's, led 1 green, led 2 yellow	84K8177	10.72	9.32
● RJHSE-5385-08	RJ45, 8 port w Shield, w LED's, led 1 green, led 2 green	84K8181	10.72	9.32
● RJHSE-538A-08	RJ45, 8 port w Shield, w LED's, led 1+2 - bi-color yellow/green	84K8171	18.57	16.14
● RJHSE-308A	RJ45 Vertical Mount w/o Shield, w LED's led 1+2 - Bi-color yellow/green	39M5485	2.74	2.38
● RJHSE-3080	RJ45 Vertical Mount w/o Shield, w/o LED's	39M5486	1.36	1.18
● RJHSE-3081	RJ45 Vertical Mount w/o Shield, w LED's led 1 green, led 2 yellow	39M5487	1.57	1.36
● RJHSE-3085	RJ45 Vertical Mount w/o Shield, w LED's led 1 green, led 2 green	39M5488	1.57	1.36

➤ CONTINUED ➤

MOD JACKS & PLUGS

RJHS SERIES HIGH-SPEED MODULAR JACKS (CONT.)

Mfg. Part No.	Description	Stock No.	Price Each	
			1-24	25-49
● RJHSE-338A	RJ45 Vertical Mount w Shield, w LED's led 1 + 2 - Bi-color yellow/green	39M5489	3.36	2.92
● RJHSE-3380	RJ45 Vertical Mount w Shield, w/o LED's	39M5490	1.71	1.48
● RJHSE-3381	RJ45 Vertical Mount w Shield, w LED's led 1 green, led 2 yellow	39M5491	2.02	1.85
● RJHSE-3385	RJ45 Vertical Mount w Shield, w LED's led 1 green, led 2 green	39M5492	2.21	1.92

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RJSAE SERIES STACKED MODULAR JACKS



Amphenol Commercial Products

- Reduces component and labor costs by incorporating LED's into the connector
- Meets ethernet CAT 5 performance
- Stackable feature enables more ports with same board space

For superior EMI performance, the option of configuring your connector with a ferrite filter is available. Shield: copper alloy; tin/lead plated. Contacts: phosphor bronze; gold over nickel. Insert: solder reflow process compatible complies with UL94V-0. UL recognized, file no. E135615; CSA certified, file no. 150190. Also available in RJ11 versions; [go online or call](#).



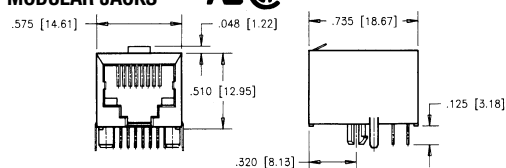
Mfg. Part No.	Description	Stock No.	Price Each	
			1-24	25-49
● RJSAE-5380-02	RJ45 stacked 1X2 w shield w/o LED's	84K8187	4.44	3.86
● RJSAE-5381-02	RJ45 stacked 1X2 w shield w LED's, led 1 green, led 2 yellow	84K8190	5.69	4.94
● RJSAE-5385-02	RJ45 stacked 1X2 w shield w LED's, led 1 green, led 2 green	84K8193	5.69	4.94
● RJSAE-538A-02	RJ45 stacked 1X2 w shield w LED's, led 1 + 2 - bi color yellow/green	84K8184	6.79	5.90
● RJSAE-5380-04	RJ45 stacked 2X2 w shield w/o LED's	84K8188	6.47	5.62
● RJSAE-5381-04	RJ45 stacked 2X2 w shield w LED's, led 1 green, led 2 yellow	84K8191	10.29	8.94
● RJSAE-5385-04	RJ45 stacked 2X2 w shield w LED's, led 1 green, led 2 green	84K8194	10.29	8.94
● RJSAE-538A-04	RJ45 stacked 2X2 w shield w LED's, led 1 + 2 - bi color yellow/green	84K8185	12.47	10.84
● RJSAE-5380-08	RJ45 stacked 2X4 w shield w/o LED's	84K8189	14.17	12.32
● RJSAE-5381-08	RJ45 stacked 2X4 w shield w LED's, led 1 green, led 2 yellow	84K8192	18.24	15.86
● RJSAE-5385-08	RJ45 stacked 2X4 w shield w LED's, led 1 green, led 2 green	84K8195	18.24	15.86
● RJSAE-538A-08	RJ45 stacked 2X4 w shield w LED's, led 1 + 2 - bi color yellow/green	84K8186	22.68	19.72

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FRJAE SERIES SHIELDED AND FILTERED MODULAR JACKS



Amphenol Commercial Products



Offer low-cost and effective EMC control within standard RJ-11 and RJ-45 connector footprints. EMC control is provided by completely shielded connector and/or with the use of high-resistivity, high-impedance ferrite block. Board layout changes are not required. Copper alloy, tin/lead-plated shield. Features fully enclosed contact body with a flat contact design that has 50µ" gold mating side and tin/lead in the PCB tail. Thermoplastic insert, which complies with UL94V-0. Dimensions: 0.735H x 0.575W x 0.510"D. Contact resistance: 20mΩ maximum. Insulation resistance: 500MΩ minimum. Current rating: 1.5A. Voltage rating: 125VAC. UL recognized, file no. E135615; CSA certified, file no. LR68598-11.

Mfg. Part No.	Description	Stock No.	Price Each	
			1-9	10-24
● FRJAE-408	RJ45 w/o shield w/o filter	84K8143	0.99	0.93
● FRJAE-488	RJ45 w rear tab shield w/o filter	84K8147	1.96	1.83
● FRJAE-468	RJ45 w rear tab shield w filter	84K8146	2.18	2.03
● FRJAE-438	RJ45 w front tab shield w/o filter	84K8145	2.05	1.91
● FRJAE-418	RJ45 w front tab shield w filter	84K8144	1.43	1.34

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RJSSE SERIES SMT MODULAR JACKS



Amphenol Commercial Products



RJSSE series offers all the benefits of the RJHSE series in an SMT jack. This connector meets Cat 5 Ethernet Performance. Shield: copper alloy; tin/lead plated. Contacts: phosphor bronze; gold plated over nickel on mating area, tin lead on terminals. Insert: phosphor bronze; gold over nickel complies with UL94V-0. Unshielded versions are available with or without light pipe option; [go online or call](#).

Mfg. Part No.	Description	Stock No.	Price Each	
			1-24	25-49
● RJSSE-5080	RJ45 w/o shield w/o light pipe	84K8196	1.11	0.96
● RJSSE-5080-02	RJ45 2 port w/o shield w/o light pipe	84K8197	2.12	1.84
● RJSSE-5080-04	RJ45 4 port w/o shield w/o light pipe	84K8198	4.19	3.64
● RJSSE-5380	RJ45 w shield w/o light pipe	84K8202	1.45	1.26
● RJSSE-5380-02	RJ45 2 port w shield w/o light pipe	84K8203	3.18	2.76
● RJSSE-5380-04	RJ45 4 port w shield w/o light pipe	84K8204	6.28	5.46
● RJSSE-5081	RJ45 w/o shield w light pipe	84K8199	1.22	1.06
● RJSSE-5081-02	RJ45 2 port w/o shield w light pipe	84K8200	2.42	2.10
● RJSSE-5081-04	RJ45 4 port w/o shield w light pipe	84K8201	4.79	4.16
● RJSSE-5381	RJ45 w shield w light pipe	84K8205	1.57	1.36
● RJSSE-5381-02	RJ45 2 port w shield w light pipe	84K8206	2.42	2.10
● RJSSE-5381-04	RJ45 4 port w shield w light pipe	84K8207	6.40	5.56

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RJLSE SERIES ULTRA LOW-PROFILE MODULAR JACKS



Amphenol Commercial Products

RJLSE series offers an ultra low profile (.462" above the board), in a SMT single port jack. Single or dual ports. Housing is high temperature thermoplastic. Flammability rating UL 94V-0. Contacts: phosphor bronze. Plating: gold plated on mating surfaces over 50µ" (1.27 microns) minimum nickel underplate, 100µ" (2.54 microns) minimum matte tin on contact tails. Shield: copper alloy, nickel plated. The maximum gap between all terminals is .004" (0.10mm). Available in RJ 11 and RJ 45 configurations and also available in shielded versions; [go online or call](#).



Mfg. Part No.	Description	Stock No.	Price Each	
			1-24	25-49
● RJLSE-4208-101	RJ45 8 Position w/o shield	84K8182	0.81	0.70
● RJLSE-4208-101-T	RJ45 8 Position w/o shield	27M3233	0.81	0.70
● RJLSE-4218-101-T	RJ45 8 position with shield	39M5493	1.45	1.26
● RJLSE-6206-101	RJ11 6 Position w/o shield	84K8183	0.76	0.66
● RJLSE-6206-101-T	RJ11 6 Position w/o shield	39M5494	0.92	0.80
● RJLSE-6216-101-T	RJ11 6 Position with shield	39M5495	1.32	1.14

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RJE05 SERIES LOW-PROFILE MODULAR JACKS

Amphenol Commercial Products

- High temperature thermoplastic polyester housing
- Flammability rating UL94V-0
- Phosphor bronze contacts
- Contact plating: gold over nickel on mating area
- Pure-tin dipped PCB tails



Just Added

Mfg. Part No.	Description	Stock No.	Price Each	
			1-24	25-49
● RJE05-166-0310	RJ11 6 Position, Right Angle Unshielded Jack	39M5481	1.06	
● RJE05-166-1310	RJ11 6 Position, Right Angle Shielded Jack	39M5482	1.48	
● RJE05-188-0310	RJ45 8 Position, Right Angle Unshielded Jack	39M5483	1.11	
● RJE05-188-1310	RJ45 8 Position, Right Angle Shielded Jack	39M5484	1.52	

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MOD JACKS & PLUGS

EZ-RJ12™ AND EZ-RJ45™ MODULAR CONNECTORS

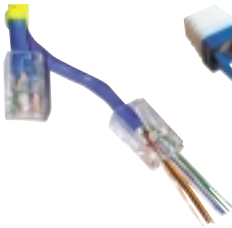


Fig. 2



Fig. 3

Fig. 1

- Simplifies installation by allowing the pairs to be inserted through the connector
- No handle liner or bar wire
- Inspection of the correct conductor order is done before crimping
- Conductors are able to be pulled forward so the pairs are very close to the contacts

Mfg. part no. BD45000 crimp tool; ordered separately below; crimps and trims the exposed conductors in one operation. The vertical action of the tool makes a uniform and positive crimp.

EZ-RJ12 AND EZ-RJ45 MODULAR CONNECTORS — FIG. 1

Mfg. Part No.	Description	Stock No.	Price Each		
			1-24	25-49	50-99
● 300566EZ	6P6C EZ-RJ12 Plug	79K9937	0.81	0.73	0.65
● 300568EZ	8P8C EZ-RJ45 Category 5 Plug	79K9939	1.48	1.34	1.19
● 300668EZ	8P8C EZ-RJ45 Category 6 Plug	79K9943	1.58	1.43	1.27

GRAY CATEGORY 6 BOOT WITH STRAIN RELIEF — FIG. 2

Mfg. Part No.	For Use With	Stock No.	Price Each
			1-24
● CXB300EZGY	EZ RJ45 Category 6 Modular Plugs	18M5734	0.76

CRIMP AND TRIM TOOL — FIG. 3

Mfg. Part No.	For Use With	Stock No.	Price Each
			1-4
● BD45000	EZ-RJ12, EZ-RJ45 Category 5 & 6 Modular Plugs	79K5737	105.60

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A00 SERIES MODULAR JACKS



Features:

- RJ 45 Modular Jack
- ISDN standard
- Industry standard footprint and height.
- SMT or through hole versions
- Single, stacked, or ganged configurations
- Available shielded or unshielded

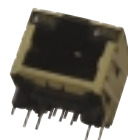


A00 series FCC Compliance: Part 68 SubPart F. Insulator Housing: Black Plastic PBT/Nylon UL94V-0. Contact Material: Phosphor Bronze. Contact Plating: 30u Gold on the mating area. Current rating: 1.5 amps maximum. Voltage Rating: 120 volts AC maximum. Shield Housing: Tin Plated copper alloy. Operating Range: -40°C to +80°C

Mfg. Part No.	Contacts	Description	Stock No.	Price Each
				1-24
● A00-108-620-450	8	1X1, Vertical, Unshielded	07J7063	1.25
● A00-108-622-450	8	1X1, Vertical, Shielded	60K0776	2.07
● A00-108-660-450	8	1X1, R/A, Unshielded	59K0104	1.25
● A00-108-662-450	8	1X1, R/A, Shielded	59K0105	1.96
● A00-216-660-450	16	1X2, R/A, Unshielded	59K0106	2.93
● A00-216-662-450	16	1X2, R/A, Shielded	59K0107	2.93
● A00-216-672-450	16	2X1, R/A, Shielded	59K0108	4.06
● A00-432-660-450	32	1X4, R/A, Unshielded	59K0109	4.48
● A00-432-662-450	32	1X4, R/A, Shielded	59K0110	7.59

(79381)

A20 SERIES MODULAR JACKS



Features:

- RJ 45 Modular Jack w/LEDs
- ISDN standard
- Industry standard footprint and height.
- SMT or through hole versions
- Single, stacked, or ganged configurations
- Available shielded or unshielded

A20 series FCC Compliance: Part 68 SubPart F. Insulator housing: black plastic PBT/nylon UL94V-0. Contact material: phosphor bronze. Contact plating: 30u" gold on the mating area. Current rating: 1.5A max. Voltage rating: 120V AC max. Shield housing: tin-plated copper alloy. Operating temperature: -40°C to +80°C

Mfg. Part No.	Contacts	Description	Stock No.	Price Each
				1-24
● A20-108-660-010	8	1X1, Inverted, LED's No LED's, R/A, Shielded	59K0111	2.44
● A20-108-661-310	8	1X1, LED's Yellow / Green, R/A,Shielded	59K0112	3.79
● A20-108-662-310	8	1X1, LED's Red/Green, R/A,Shielded	09J5036	3.79
● A20-108-663-310	8	1X1, LED's Green/Green, R/A,Shielded	59K0113	3.95

➤ CONTINUED ➤

A20 SERIES MODULAR JACKS (CONT.)

Mfg. Part No.	Contacts	Description	Stock No.	Price Each
● A20-108-665-510	8	1X1, LED's Bi-Color Red/Green, R/A,Shielded	59K0114	3.95
● A20-216-660-010	16	1X2, Inverted No LED's, R/A, Shielded	59K0115	4.33
● A20-216-661-310	16	1X2, LED's Yellow/Green,R/A, Shielded	59K0116	4.93
● A20-216-663-310	16	1X2, LED's Green/Green,R/A, Shielded	59K0117	4.93
● A20-432-661-310	32	1X4, LED's Yellow/Green,R/A, Shielded	59K0118	8.24
● A20-432-663-310	32	1X2, LED's Green/Green,R/A, Shielded	59K0119	8.24

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CATEGORY 6 MODULAR PLUGS



- Meets Category 6 performance
- Dual-row contacts reduce risk of crosstalk between critical pairs
- Load bar provides consistent termination of twisted pairs
- Shielded version available with or without strain relief
- Terminated with industry-standard RJ-45 application tooling

Phosphor bronze contacts have nickel underplating, 50u gold contact plating. Plug material: polycarbonate. Max. current: 1.5A. Max. voltage: 150V. Withstanding voltage: 1000VAC. Temperature range: -40° to +85° C. Color: black.



Mfg. Part No.	Description	Stock No.	Price Each
			1-9
● 44915-0001	Unshielded	01J8343	1.00
● 44915-0011	Shielded, no strain relief	01J8345	2.49

ACCESSORIES

62202-0500	Hand tool	59H0531	558.90
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CAT 5 COMPACT PROFILE JACKS



- Less than 10mm from the top of the PCB to the top of the modular jack
- Low profile meets compact PCI, Eurocard and common mezzanine card standards
- Exceeds category 5 performance
- Meets gigabit ethernet industry standard

Phosphor bronze contacts have nickel underplating, 50u gold contact plating. PCB retention: press-fit plastic peg, snap-in plastic peg. Housing material: glass-filled nylon. Max. current: 1.5A. Max. voltage: 150V. Withstanding voltage: 1000VAC. Temperature range: -40° to +85° C. Color: black.



Mfg. Part No.	Description	Ports	Stock No.	Price Each
				1-9
● 44661-0002	RJ45 Modular Jack	1	57H1576	3.36
● 44661-0011	RJ45 Shielded Modular Jack (All tabs)	1	57H1577	4.21
● 44661-0021	RJ45 Shielded Modular Jack (Bezel)	1	57H1578	4.21
● 44560-0012	RJ45 Shielded Modular Jack (All tabs)	2	57H1543	6.73
● 44560-0022	RJ45 Shielded Modular Jack (Bezel)	2	57H1545	6.73
● 44560-0014	RJ45 Shielded Modular Jack (All tabs)	4	57H1544	12.09
● 44560-0024	RJ45 Shielded Modular Jack (Bezel)	4	57H1546	12.09

RIGHT-ANGLE MODULAR JACKS, LOW PROFILE

Mfg. Part No.	Circuits	Loaded Contacts	Stock No.	Price Each
				1-24
● 43202-4101	4	4	30M0005	1.56
● 43202-6101	6	6	30M0006	1.28
● 43202-8101	8	10	02E2366	1.55
● 43202-8104	8	8	56H9900	1.50
● 43202-8817	8	8	56H9916	2.78

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RIGHT-ANGLE MODULAR JACKS

- Black, Glass-Filled Polyester Housing, Rated UL 94V-0
- Current: 1.5 A

Available in flush mount and flangeless mount versions. Dielectric withstanding voltage: 1000VACrms 60Hz for one minute. Insulation resistance: 500MΩ min. Durability: 500 mating cycles min. Contacts: phosphor bronze. PC board thickness: 0.062" (1.57). UL listed, CSA certified.



Flangeless Mount

Mfg. Part No.	Mount	Housing Size	Loaded Contacts	Pkg. of	Stock No.	Price Each	
						1-9	10-24
● 15-43-7544	Flush	4	4	10	35C5000	9.79	8.57
● 15-43-7564	Flush	6	4	1	55H1084	0.73	0.64
● 15-43-7566-TR133	Flush	6	6	1	01E9144	0.93	0.81
● 15-43-7588	Flush	8	8	1	18M7943	1.30	1.14

➤ CONTINUED ➤

MOD JACKS & PLUGS

RIGHT-ANGLE MODULAR JACKS (CONT.)

Mfg. Part No.	Mount	Housing Size	Loaded Contacts	Pkg. of	Stock No.	Price Each	
						1-9	10-24
● 15-43-8544	Flangeless	4	4	10	35C5004	9.79	8.57
● 15-43-8566	Flangeless	6	6	1	05M4494	0.95	0.84
● 15-43-8588	Flangeless	8	8	10	35C5007	12.12	10.61

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CATEGORY 5 RIGHT-ANGLE MODULAR JACKS



molex

Flangeless mount Category 5 modular jacks are available shielded (S) and unshielded (U) in table below. Black glass-filled nylon housing (size 8), rated UL94V-0. Loaded with 8 phosphor bronze contacts that have 50µ" select gold plating in mating area. PC board mount thickness: 0.062" (1.57). Current rating: 1.5A. Dielectric withstanding voltage: 1000VAC, 60Hz for 1 minute. Insulation resistance: 500MΩ minimum. Durability: 500 mating cycles minimum. UL listed, CSA certified.



Mfg. Part No.	Shielded	Stock No.	Price Each	
			1-49	50-99
● 44050-0001	No	17M8445	3.17	2.78
● 44050-0006	Yes	95B9061	3.44	3.01

(48291)

ULTRA LOW-PROFILE RIGHT-ANGLE MODULAR JACKS



molex

Flangeless mount jacks are 0.456" (11.58) high. Current: 1.5A. Dielectric withstanding voltage: 1000VACrms 60Hz for one minute. Insulation resistance: 500MΩ min. Durability: 500 mating cycles min. Housing: black glass-filled nylon, rated UL94V-0. Contacts: phosphor bronze. PC board thickness: 0.062" (1.57). UL listed, CSA certified.



Mfg. Part No.	Circuits	Loaded Contacts	Stock No.	Price Each	
				1-24	25-49
● 43202-4101	4	4	30M0005	1.56	1.37
● 43202-6101	6	6	30M0006	1.28	1.12
● 4302-8104	8	8	30M0004	1.43	1.25

RIGHT-ANGLE LOW PROFILE MODULAR JACKS

● 95001-2441	4	4	60H6012	0.62	0.55
● 95001-2881	8	8	60H6016	0.78	0.70
● 95001-6441	4	4	89C0038	1.00	0.89
● 95001-6661	6	6	89C0034	1.09	0.97
● 95001-6881	8	8	60H6022	1.22	1.09

VERTICAL STANDARD PROFILE MODULAR JACKS

● 95003-2441	4	4	60H6032	0.82	0.73
● 95003-2641	6	6	91C5785	0.62	0.55
● 95003-2661	6	6	60H6033	0.95	0.85
● 95003-2881	8	8	60H6034	1.08	0.96

SMT VERTICAL STANDARD PROFILE MODULAR JACKS

● 95003-6661	6	6	07H3788	1.13	1.01
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RIGHT-ANGLE INVERTED LIGHTPIPE MODULAR JACKS



molex

Flangeless mount lightpipe modular jacks are available shielded and unshielded. Black glass-filled, high-temperature nylon housing, rated UL 94V-0. Phosphor bronze contacts with 50 µ" select gold plating in mating area. PC board mount thickness: 0.062" (1.57). Current rating: 1.5 A. Dielectric withstanding voltage: 1000 VAC, 60 Hz for 1 minute. Insulation resistance: 500 MΩ minimum. Durability: 500 mating cycles minimum. UL listed, CSA certified.



Mfg. Part No.	Shielded	Circuits	Loaded Contacts	Stock No.	Price Each
					1-99
● 43860-0008	No	6	6	95B9052	2.01
● 43860-0007	No	8	8	95B9051	1.94
● 43860-0010	Yes	8	8	18M8116	2.90

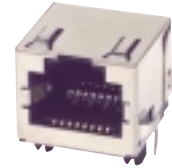
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RIGHT-ANGLE INVERTED MODULAR JACKS



molex

- Glass-Filled Nylon Housing, Rated UL 94V-0
- Current: 1.5 A



Flangeless mount modular jacks are available shielded and unshielded. Phosphor bronze contacts with 50 µ" select gold plating in mating area. PC board mount thickness: 0.062" (1.57 mm). Dielectric withstanding voltage: 1000 VAC, 60 Hz for 1 minute. Insulation resistance: 500 MΩ minimum. Durability: 500 mating cycles minimum. UL listed, CSA certified.

Mfg. Part No.	Shielded	Circuits	Loaded Contacts	Stock No.	Price Each
					1-99
● 43860-0003	No	6	4	28M9404	1.29
● 43860-0002	No	6	6	95B9049	1.21
● 43860-0001	No	8	8	95B9048	1.14
● 43860-0015	Yes	6	4	28M9405	2.19
● 43860-0014	Yes	6	6	95B9058	1.91
● 43860-0013	Yes	8	8	39C9149	2.11
● 43860-0004	Yes	8	8	57H0735	2.14

(48286)

CATEGORY 5 RIGHT-ANGLE GANGED MODULAR JACKS



molex



Flangeless mount Category 5 multiport modular jacks are available shielded and unshielded. Black glass-filled, nylon housing (size 8), rated UL 94V-0. Loaded with 8 phosphor bronze contacts that have 50 µ" select gold plating in mating area. PC board mount thickness: 0.062" (1.57 mm). Current rating: 1.5 A. Dielectric withstanding voltage: 1000 VAC, 60 Hz for 1 minute. Insulation resistance: 500MΩ minimum. Durability: 500 mating cycles minimum. UL listed, CSA certified.

Mfg. Part No.	Shielded	Number of Ports	Stock No.	Price Each
				1-49
● 44150-0005	Yes	2	18M8124	6.32

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MULTIPORT CATEGORY 5 MODULAR JACKS WITH LIGHTPIPES



molex

- Fully Shielded Housing Features Enhanced Grounding Tabs
- Reduce Electrical Interference
- Size 8 Jacks with 8 Loaded Contacts
- Housing: Black Glass-Filled Polyester, UL 94V-0
- Temperature Range: -40°C to +80°C



SNAP-FIT PEGS

Mfg. Part No.	Ports	Stock No.	Price Each	
			1-24	25-49
● 44170-0001	8	18M8125	24.60	21.49
● 44170-0002	12	25C4749	25.91	22.63
● 44170-0003	16	18M8126	54.15	47.30

PRESS-FIT PEGS

● 44170-0004	8	28M9408	24.60	21.49
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SURFACE MOUNT MODULAR JACKS



molex



Single-Port



Dual-Port

Right-angle unshielded modular jacks are flangeless with flush-fitting nails. Ideal for PC board surface mounting. Dual- and single-port designs available. Black, glass-filled high-temperature nylon housing, rated UL94V-0. Phosphor bronze contacts with 50µ" of select gold plating in mating area. Current rating: 1.5A. Dielectric withstanding voltage: 1000VAC, 60Hz for 1 minute. Insulation resistance: 500MΩ minimum. Durability: 500 mating cycles minimum. UL listed, CSA certified.

SINGLE-PORT

Mfg. Part No.	Circuits	Loaded Contacts	Stock No.	Price Each
				1-99
● 44144-0004	6	4	95B9063	1.56
● 44144-0005	6	6	18M8123	1.47
● 44144-0003	8	8	18M8122	1.53

DUAL-PORT

● 44193-0003	8	8	28M9409	2.67
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INDUSTRIAL ETHERNET

RJ11 FIELD RUGGED HARSH ENVIRONMENT CONNECTORS



Amphenol Pcd

- Transforms any RJ11 cordset into a harsh environment connector
- Seals to IP67 against fluids and dusts
- Shock, vibration and traction resistant
- No hazardous in-field cabling
- No tools needed to assemble
- Mechanical coding/polarization (4 positions)



RJ11 Field connectors allow you to use a standard phone RJ11 connection in harsh environments. Metallic plug is connected into a receptacle using a ¼ bayonet coupling mechanism (MIL-C-26482 type) providing both audible and visual coupling. On the receptacle, one female RJ11 is soldered onto a PC board allowing for back termination to another female RJ11 or solder termination. Fire retardant/low smoke rated UL94V-0, NFF 16101 and NFF 16102. Mating cycles: 500 minimum. Temperature range: -40°C to +85°C. Other platings and configurations available upon request; go online or call. Order dust caps separately below.

Mfg. Part No.	Description	Stock No.	Price Each
● RJ11F6B	Plug, Black with Plastic Gland	93K7838	74.39
● RJ11F21B	Square Flange Receptacle, Black, Female RJ11 Back Termination	93K7836	84.36
● RJ11F22B	Square Flange Receptacle, Black, Solder (6 Tined Holes) Back Termination	93K7837	74.22
● RJ11F71B	Jam Nut Receptacle, Black, Female RJ11 Back Termination	93K7839	107.48
● RJ11F72B	Jam Nut Receptacle, Black, Solder (6 Tined Holes) Back Termination	93K7840	103.02

ACCESSORIES

● RJ11FC2B	Dust Cap for RJ11 Plugs	93K7833	59.76
● RJ11FC6B	Dust Cap for RJ11 Square Flange Receptacles	93K7834	55.97
● RJ11FC7B	Dust Cap for RJ11 Jam Nut Receptacles	93K7835	70.17

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MIL-C-26482 BAYONET RJ FIELD HARSH ENVIRONMENT CONNECTORS



Amphenol Pcd



- Transforms any RJ45 cordset into a harsh environment connector
- Waterproof sealed to IP67 against fluids and dusts
- Shock-, vibration- and traction-resistant
- No hazardous in-field cabling and grounding needed
- No tools required to assemble
- 4-positions, mechanical coding/polarization

RJ Field connectors allow use of any Ethernet Class D/Cat 5 connection for 10Base T, 100Base TX or 1000Base T networks in harsh environments. Metallic plug is connected with the receptacle using a fast, ¼ turn bayonet coupling mechanism (MIL-C-26482 type) providing both audible and visual coupling. Can be used with all standard RJ45, Cat 5 and Cat 5e cordsets. Receptacle available with square flange 4-hole mounting or hexagonal jam nut mounting. Both receptacle versions feature 1 female RJ45 soldered onto a PCB allowing for back termination of another female RJ45 attached Cat 5e cordset or 8-hole solder board. Fire retardant/low smoke rated UL94V-0, NF F 16 101 and 16 102. Mating cycles: 500 minimum. Operating temperature: -40°C to +85°C. Shell finish: black, nickel or green cadmium. Order dust caps, panel gasket and disassembly/removal tool separately below.

Mfg. Part No.	Description	Stock No.	Price Each
● RJF6B	Metal Plug, Black with Plastic Gland	03H9932	27.58
RJF6G	Metal Plug, Green Cadmium with Plastic Gland	36K2899	53.54
● RJF6N	Metal Plug, Nickel with Plastic Gland	36K2900	52.23
● RJF6MB	Metal Plug, Black with Metal Gland	06H1475	37.21
RJF6MG	Metal Plug, Green Cadmium with Metal Gland	02E8886	34.63
● RJF6MN	Metal Plug, Nickel with Metal Gland	20J4014	34.44
● RJF21B	Metal Panel Mount Receptacle, Black, Female RJ45 Back Termination	03H9929	28.16
RJF21G	Metal Panel Mount Receptacle, Green Cadmium, Female RJ45 Back Termination	04H6390	31.76
● RJF21N	Metal Panel Mount Receptacle, Nickel, Female RJ45 Back Termination	36K2896	32.90
● RJF22B00	Square Flange Receptacle, Black, RJ45 8-Hole Solder Board Back Termination	28H8633	22.05
RJF22G00	Square Flange Receptacle, Green Cadmium, RJ45 8-Hole Solder Board Back Termination	93K7826	51.85
● RJF22N00	Square Flange Receptacle, Nickel, RJ45 8-Hole Solder Board Back Termination	93K7828	48.86
● RJF22B03100BTX	Square Flange Receptacle, Black, RJ45 Cordset Back Termination, 0.3m Cordset Length, Cat 5e	93K7824	49.72
RJF22G03100BTX	Square Flange Receptacle, Green Cadmium, RJ45 Cordset Back Termination, 0.3m Cordset Length, Cat 5e	93K7827	81.83
● RJF22B10100BTX	Square Flange Receptacle, Black, RJ45 Cordset Back Termination, 1m Cordset Length, Cat 5e	93K7825	51.19
● RJF2SA1B	Metal Panel Mount Transversally Sealed Receptacle, Black, Female RJ45 Back Termination	20J4006	79.50

➔ CONTINUED ➔

MIL-C-26482 BAYONET RJ FIELD HARSH ENVIRONMENT CONNECTORS

(CONT.)

Mfg. Part No.	Description	Stock No.	Price Each
RJF2SA1G	Metal Panel Mount Sealed Receptacle, Green Cadmium, Female RJ45 Back Termination	20J4007	44.53
● RJF2SA1N	Metal Panel Mount Sealed Receptacle, Nickel, Female RJ45 Back Termination	93K7823	46.24
● RJF2PE1B	Square Flange Receptacle, Black, Female RJ45 Back Termination	20J4003	81.90
RJF2PE1G	Square Flange Receptacle, Green Cadmium, Female RJ45 Back Termination	02E8875	88.13
● RJF2PE1N	Square Flange Receptacle, Nickel, Female RJ45 Back Termination	20J4004	96.27
● RJF2PEM1B	Square Flange Receptacle, Black with Metal Gland and Backshell, Female RJ45 Back Termination	20J3999	98.00
RJF2PEM1G	Square Flange Receptacle, Green Cadmium with Metal Gland and Backshell, Female RJ45 Back Termination	26H5225	96.92
● RJF2PEM1N	Square Flange Receptacle, Nickel with Metal Gland and Backshell, Female RJ45 Back Termination	20J4000	92.70
● RJF71B	Metal Jam Nut Receptacle, Black, Female RJ45 Back Termination	03H9933	44.81
RJF71G	Metal Jam Nut Receptacle, Green Cadmium, Female RJ45 Back Termination	95C0003	49.59
● RJF71N	Metal Jam Nut Receptacle, Nickel, Female RJ45 Back Termination	36K2901	45.01
RJF72G03100BTX	Metal Jam Nut Receptacle, Green Cadmium, RJ45 Cordset Back Termination, 0.3m Cordset Length, Cat 5e	93K7830	66.32
● RJF7SA1B	Metal Jam Nut Transversally Sealed Receptacle, Black, Female RJ45 Back Termination	20J4023	59.06
RJF7SA1G	Metal Jam Nut Transversally Sealed Receptacle, Green Cadmium, Female RJ45 Back Termination	20J4024	53.32
● RJF7SA1N	Metal Jam Nut Transversally Sealed Receptacle, Nickel, Female RJ45 Back Termination	93K7829	72.09
● RJF7PE1B	Jam Nut Receptacle, Black, Female RJ45 Back Termination	20J4019	105.13
RJF7PE1G	Jam Nut Receptacle, Green Cadmium, Female RJ45 Back Termination	20J4020	114.26
● RJF7PE1N	Jam Nut Receptacle, Nickel, Female RJ45 Back Termination	20J4021	112.84
● RJF7PEM1B	Jam Nut Receptacle, Black with Metal Gland and Backshell, Female RJ45 Back Termination	20J4015	62.00
RJF7PEM1G	Jam Nut Receptacle, Green Cadmium with Metal Gland and Backshell, Female RJ45 Back Termination	26H3623	122.63
● RJF7PEM1N	Jam Nut Receptacle, Nickel with Metal Gland and Backshell, Female RJ45 Back Termination	20J4016	62.37
● RJF72B05100BTX	Jam Nut Receptacle, Black, RJ45 Cordset Back Termination, 0.5m Cordset Length, Cat 5e	39M5595	92.05

ACCESSORIES

● RJFC2B	Metal Dust Cap for Square Flange Receptacles, Black	03H9926	23.19
RJFC2G	Metal Dust Cap for Square Flange Receptacles, Green Cadmium	04H6398	24.13
● RJFC2N	Metal Dust Cap for Square Flange Receptacles, Nickel	36K2889	23.65
● RJFC6B	Metal Dust Cap for Plugs, Black	03H9927	26.65
RJFC6G	Metal Dust Cap for Plugs, Green Cadmium	36K2890	49.35
● RJFC6N	Metal Dust Cap for Plugs, Nickel	36K2891	27.50
RJFC7B	Metal Dust Cap for Jam Nut Receptacles, Black	03H9928	32.40
RJFC7G	Metal Dust Cap for Jam Nut Receptacles, Green Cadmium	95C0005	32.01
● RJFC7N	Metal Dust Cap for Jam Nut Receptacles, Nickel	36K2892	29.73
● JE18	Panel Gasket for Square Flange Receptacles	03H9889	1.87
● RJFODE	Disassembly/Removal Tool	01H8892	20.62

(73612)

RJF REVERSE BAYONET CONNECTORS FOR HARSH ENVIRONMENT



Amphenol Pcd

- Transforms any RJ45 cordset into a circular reverse bayonet connector
- Seals to IP 67 against fluids and dusts
- Category 6 product offering
- Shock, vibration and traction resistant
- No hazardous in-field cabling
- No tools needed to assemble



RJF RB Field connectors allow use of any Ethernet Class D/Cat 5e and Class E/Cat 6 connection for 10Base T, 100Base TX or 1000Base T networks in harsh environments. The RJF RB plug is connected to a receptacle using a quick reverse bayonet coupling mechanism. On the receptacle, one female RJ45 is soldered onto a PC board allowing for back termination to another female RJ45, right angle female RJ45 or an RJ45 cordset. Fire retardant/low smoke rated UL94V-0, NFF 16102, DIN 5510-2. Mating cycles: 500 minimum. Temperature range: -40°C to +85°C. Front and rear mounting products available; go online or call. Order dust cap for jam nut receptacles separately below.

Mfg. Part No.	Description	Stock No.	Price Each
● RJFRB6	Composite Reverse Bayonet Plug with Plastic Gland	93K7819	11.04
● RJFRB71	Composite Jam Nut Receptacle, Female RJ45 Back Termination	93K7820	15.82

➔ CONTINUED ➔

INDUSTRIAL ETHERNET

RJF REVERSE BAYONET CONNECTORS FOR HARSH ENVIRONMENT (CONT.)

Mfg. Part No.	Description	Stock No.	Price Each
● RJFRB71RA	Composite Jam Nut Receptacle, Right Angle Female RJ45 Back Termination	93K7821	19.29
● RJFRB73F	Cat6 Reverse Bayonet Jam Nut Receptacle, RJ45 to IDC, Partial Shielding	22M1741	95.63
● RJFRB73S	Cat6 Reverse Bayonet Jam Nut Receptacle, RJ45 to IDC, Shielded	22M1742	113.68
● RJFRB73U	Cat6 Reverse Bayonet Jam Nut Receptacle, RJ45 to IDC, Unshielded	22M1743	90.85
● RJFRB75	Composite Reverse Bayonet Jam Nut Receptacle, RJ 45 with PC Tails	22M1744	66.31

ACCESSORIES

● RJFRB7C	IP67 Dust Cap for Jam Nut Cable Receptacles	93K7818	6.42
● RJFRB75	IP67 Dust Cap with Ring for Cat6 Jam Nut Cable Receptacles	39M5590	9.84

(88864)

RJF544 PUSH-PULL PLASTIC COMPOSITE ETHERNET CONNECTORS



Amphenol Pcd



RJF544 Series

RJF5442M1

- Transforms any RJ45 cordset into a push-pull connector
- Waterproof sealed to IP67 against fluids and dusts
- Shock-, vibration- and traction-resistant
- No hazardous in-field cabling and grounding required
- No tools needed to assemble

RJF544 connectors allow use of any Ethernet Class D/Cat 5 connection for 10 Base T, 100 Base TX or 1000 Base T networks in harsh environments. The RJF544 plug is connected to the square flange receptacle using a quick, push-pull coupling mechanism. The RJF544 receptacle features 1 female RJ45 soldered onto a PCB allowing for back termination of another female RJ45. Can be used with all standard RJ45 Cat 5 or Cat 5e ethernet cordsets. Fire retardant/low smoke rated UL94V-0, NFF 16102, DIN 5510-2. Mating cycles: 500 minimum. Temperature range: -40°C to +85°C. Order dust caps, panel gasket and disassembly/removal tool separately below.

Mfg. Part No.	Description	Stock No.	Price Each
● RJF5446	Composite Plug with Plastic Gland	03H9931	11.23
● RJF54421	Composite Square Flange Receptacle, Female RJ45 Back Termination	03H9930	15.11
● RJF 544 2M1	Metalized (Ni) Composite Receptacle, Square Flange, 4-Hole Mounting, Female RJ45 Back Termination	04H7940	18.84
● RJF5442200	Composite Square Flange Receptacle, RJ45 to 8-Hole Solder Board Back Termination	36K2897	16.09
● RJF5442203100BTX	Composite Square Flange Receptacle, RJ45 Cordset Back Termination, 0.3m Cordset Length, Cat 5e	36K2898	31.20

ACCESSORIES

● 54402BM	IP67 Dust Cap for RJF 544 Plugs	04H0434	12.80
● 54402BE	IP67 Dust Cap for RJF 544 Receptacles	04H0433	13.37
● 54402JE	Panel Gasket for RJF 544 Square Flange Receptacle	04H0435	0.95
● 5440T02	Disassembly/Removal Tool	04H9599	7.39

(73613)

MIL-DTL-38999 SERIES III THREADED CLOSURE ETHERNET CONNECTORS FOR HARSH ENVIRONMENTS

Amphenol Pcd



RJF TV Series

Square Flange Receptacles

Jam Nut Receptacles

- Transforms any RJ45 cordset into a harsh environment waterproof connector
- Seals to IP67 against fluids and dust
- Shock-, vibration- and traction-resistant
- No cabling operation in field needed
- No tools required to assemble
- Mechanical coding/4-position polarization
- Improved EMI protection

RJ Field TV plugs and receptacles allow use of any Ethernet Class D/Cat 5 connection for 10 BaseT, 100 Base TX or 1000 BaseT networks in harsh environments. Patented RJStop® system allows use of any standard RJ45 cordset in the RJF TV metallic plug protecting it from shocks, dust and fluids. RJF TV metallic plug is connected into the RJF TV receptacle using a Tri-Start thread coupling mechanism, (MIL-DTL-38999 Series III type) with an anti-decoupling device for high vibrations. All connectors feature olive cadmium (green) or nickel protective finish. Mating cycles: 500 min. Flame retardant/smoke rated UL94V-0, NFF 16101 and 16102. Operating temperature range: -40°C to +85°C. Order dust caps, panel gasket and insert removal tool separately below.

➤ CONTINUED ➤

MIL-DTL-38999 SERIES III THREADED CLOSURE ETHERNET CONNECTORS FOR HARSH ENVIRONMENTS (CONT.)

Mfg. Part No.	Description	Stock No.	Price Each
● RJFTV6N	Plug, Nickel with Plastic Gland	36K2894	42.71
RJFTV6G	Plug, Green Cadmium with Plastic Gland	02E8890	43.37
● RJFTV6MN	Plug, Nickel with Metal Gland	93K7822	48.75
RJFTV6MG	Plug, Green Cadmium with Metal Gland	95C0010	45.17
● RJFTV21N	Square Flange Receptacle, Nickel, Female RJ45 Back Termination — 4-Hole Mounting	36K2893	38.01
RJFTV21G	Square Flange Receptacle, Green Cadmium, Female RJ45 Back Termination — 4-Hole Mounting	02E8870	38.78
● RJFTV22N00	Square Flange Receptacle, Nickel, RJ45 Cordset Back Termination	20J3985	55.72
RJFTV22G00	Square Flange Receptacle, Green Cadmium, RJ45 to 8-Hole Solder Board Back Terminals	97H3581	32.37
● RJFTV2SA1N	Transversally Sealed Square Flange Receptacle, Nickel, Female RJ45 Back Termination — 4-Hole Mounting	73K1317	95.44
RJFTV2SA1G	Transversally Sealed Square Flange Receptacle, Green Cadmium, Female RJ45 Back Termination — 4-Hole Mounting	20J3979	61.02
RJFTV2PE1G	Square Flange Receptacle, Green Cadmium, Female RJ45 Back Termination	39M5593	69.73
● RJFTV2PE1N	Square Flange Receptacle, Nickel, Female RJ45 Back Termination	73K1314	74.69
● RJFTV2PEM1N	Square Flange Receptacle, Nickel with Metal Gland and Backshell, Female RJ45 Back Termination	20J3970	106.89
RJFTV2PEM1G	Square Flange Receptacle, Green Cadmium with Metal Gland and Backshell, Female RJ45 Back Termination	20J3969	66.05
● RJFTV71N	Jam Nut Receptacle, Nickel, Female RJ45 Back Termination	36K2895	51.63
RJFTV71G	Jam Nut Receptacle, Green Cadmium, Female RJ45 Back Termination	01H7750	57.75
● RJFTV72N00	Jam Nut Receptacle, Nickel, RJ45 Cordset Back Termination	73K1332	41.36
RJFTV72G00	Jam Nut Receptacle, Green Cadmium, RJ45 Cordset to 8 Hole Solder Board Back Termination	20J3994	72.57
RJFTV7PE1G	Jam Nut Receptacle, Green Cadmium, Female RJ45 Back Termination	39M5594	113.02
● RJFTV7PE1N	Jam Nut Receptacle, Nickel, Female RJ45 Back Termination	73K1322	86.05
● RJFTV7PEM1N	Jam Nut Receptacle, Nickel with Metal Gland and Backshell, Female RJ45 Back Termination	83J9002	70.66
RJFTV7PEM1G	Jam Nut Receptacle, Green Cadmium with Metal Gland and Backshell, Female RJ45 Back Termination	87H6448	76.02
RJFTV7SA1N	Transversally Sealed Jam Nut Receptacle, Nickel, Female RJ45 Back Termination, 4-Hole Mounting	20J3991	70.77
RJFTV7SA1G	Transversally Sealed Jam Nut Receptacle, Green Cadmium, Female RJ45 Back Termination, 4-Hole Mounting	54H4424	123.30

ACCESSORIES

● RJFTVC6N	Metallic Dust Cap for Plugs, Nickel	88H2843	57.10
RJFTVC6G	Metallic Dust Cap for Plugs, Green Cadmium	02E8877	58.32
● RJFTVC2N	Metallic Dust Cap for Square Flange Receptacles, Nickel	88H2841	33.61
RJFTVC2G	Metallic Dust Cap for Square Flange Receptacles, Green Cadmium	04H7913	33.19
● RJFTVC7N	Metallic Dust Cap for Jam Nut Receptacles, Nickel	94H7388	37.75
RJFTVC7G	Metallic Dust Cap for Jam Nut Receptacles, Green Cadmium	02E8878	38.49
● JE19	Gasket for RJ Field TV Type 2 Receptacles	97H3390	2.41
● RJFODE	Insert Removal Tool	01H8892	20.62

CONNECTOR KITS

Mfg. Part No.	Kit Contents	Stock No.	Price Each
KIT38081	EMI 360° Shielded Plug with Band, Shell, Backshell, RJ Stops and Heat Shrink Sleeve	20J3858	168.05
KIT38082	EMI 360° Shielded Receptacle with Band, Shell, Heat Shrink Sleeve, Backshell and Gasket	20J3859	87.25

(80155)

RJFTV THROUGH BULKHEAD RECEPTACLES



Amphenol Pcd

Just Added



RJFTV through bulkhead receptacles can be connected on each side with rugged RJFTV plugs allowing mechanical protection and sealing (IP67) inside and outside the equipment.

Mfg. Part No.	Description	Stock No.	Price Each
● RJFTVB2NISOBRUT	RJFTV Bulkhead Receptacle, Plastic Insert, Nickel Plating, RJ45 to RJ45	73K1310	160.27
RJFTVB2GISOBRUT	RJFTV Bulkhead Receptacle, Plastic Insert, Green Cadmium Plating, RJ45 to RJ45	34M4323	164.64

➤ CONTINUED ➤

INDUSTRIAL ETHERNET

RJFTV THROUGH BULKHEAD RECEPTACLES (CONT.)

Mfg. Part No.	Description	Stock No.	Price Each
		1-4	
● RJFTVB2NISONI	RJFTV Bulkhead Receptacle, Metal Insert, Nickel Plating, RJ45 to RJ45	73K1311	160.88
● RJFTVB2GISONI	RJFTV Bulkhead Receptacle, Plastic Insert, Green Cadmium Plating, RJ45 to RJ45	73K1309	137.17

(91184)

RJF "EZ" FIELD INDUSTRIAL ETHERNET® CONNECTORS FOR HARSH ENVIRONMENTS



Amphenol Pcd

- Transforms any RJ45 cordset into a waterproof IP67 connector
- Sealed to IP67 against fluids and dust
- Shock-, vibration- and traction-resistant
- No infield cabling operation needed
- No tools required to assemble



RJF "EZ" Field connectors allow any of Ethernet® Class D/Cat 5 connection for 10 BaseT, 100 Base TX or 1000 BaseT networks in harsh environments. Use any preassembled standard RJ45 cordset in the "EZ" push-pull composite plug and protect it from shocks, dust and fluids. "EZ" plug is connected with the "EZ" receptacle using a quick, user-friendly lever coupling mechanism (attached). Mating cycles: 500 min. Flame retardant/smoke rated UL94V-0, NFF 16102, DIN 5510-2. Operating temperature range: -40°C to +85°C. Ideal applications include telecom equipment, video control, robotics, industrial process control, CNC machines, motion control, telemaintenance and factory automation. *Order IP67 dust cap and panel gasket for receptacle separately below.*

Mfg. Part No.	Description	Stock No.	Price Each
		1-4	
● RJFEZ6	RJF "EZ" Field Composite Plug for Ethernet	07J9756	9.83
● RJFEZ21	RJF "EZ" Field Composite Sq. Flange Receptacle for Ethernet	20J3956	19.92
● RJFEZ2203100BTX	RJF "EZ" Field Composite Sq. Flange Receptacle with 0.3m Cordset	20J3957	32.56
● RJFEZ2205100BTX	RJF "EZ" Field Composite Sq. Flange Receptacle with 0.5m Cordset	20J3958	31.57
● RJFEZ2210100BTX	RJF "EZ" Field Composite Sq. Flange Receptacle with 1m Cordset	20J3959	44.77
● RJFEZ2215100BTX	RJF "EZ" Field Composite Sq. Flange Receptacle with 1.5m Cordset	20J3960	46.15

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
		1-9	
● RJFEZBE	Dust Cap for RJF "EZ" Field Sq. Flange Receptacles	07J9754	7.74
● RJFEZJE	Panel Gasket for RJF "EZ" Field Sq. Flange Receptacles	07J9755	0.65

(80158)

SNAP CAPS RJ FIELD, USB FIELD, AND FIREWIRE FIELD HARSH ENVIRONMENT CONNECTORS



Amphenol Pcd

Self-closing caps sealing to IP65 levels, automatically protect connection against fluids and dust. Available in RJ Field square flange receptacles (MIL-C-26482), USB Field, and Firewire Field (IEEE 1394). Splash-proof protection against fluids and dust makes these snap caps a quick and easy way to ensure protection by incorporating a spring that automatically closes over the connector when not in use.



Mfg. Part No.	Description	Stock No.	Price Each
		1-9	
● FWF21BSCC	Firewire Field Snap Cap with Plain Insert, Black	36K2887	45.29
● FWF21NSCC	Firewire Field Snap Cap with Metalized Insert, Nickel	36K2888	45.90
● RJF21BSCC	RJ Field Snap Cap with Plain Insert, Black	26K2808	35.34
● USBF21NSCC	USB Field Snap Cap with Metalized Insert, Nickel	36K2902	35.49

(84987)

RJ SWITCH HARSH ENVIRONMENT INDUSTRIAL ETHERNET SWITCHES



Amphenol Pcd



RJSPC5 Series



RJS Series

- Use with any standard RJ45 cordset
- Rugged polyester enclosure reinforced with 30% glass fiber
- Redundant power inputs with surge/spike protection
- 1,000,000 hours MTBF
- Zone 2 hazardous location

Ring switches self-configure and run without any complex configuration. Networking features include real-time ring for ultra-fast tolerant loops, recovery time of 30ms + 5ms per hop and real-time traffic prioritization (QoS and CoS). Both switches have RJ45 ports, 10/100BaseT(X). **RJSPC5 series** switches have IP68 waterproof rating. **RJS series** are IP30 rated and are suitable for both DIN-rail or flat panel mounting.

➔ CONTINUED ➔

RJ SWITCH HARSH ENVIRONMENT INDUSTRIAL ETHERNET SWITCHES (CONT.)

RJSPC5 SERIES

Mfg. Part No.	Description	Stock No.	Price Each
		1-4	
● RJSPC5ES1	5-Port, 10/100 Mbps Ethernet Unmanaged Switch	93K7831	900.00
● RJSPC5RS1	5-Port, 10/100 Mbps Ethernet Ring Switch	93K7832	1237.50

RJS SERIES

Mfg. Part No.	Description	Stock No.	Price Each
		1-4	
● RJS5ES1	5-Port, 10/100 Mbps Ethernet Unmanaged Switch	39M5596	360.00
● RJS5MS1	5-Port, 10/100 Mbps Ethernet Managed Switch	39M5597	885.00
● RJS5RS1	5-Port, 10/100 Mbps Ethernet Ring Switch	39M5598	720.00

(88867)

ETHERNET BUCCANEER® CIRCULAR CONNECTORS



BULGIN

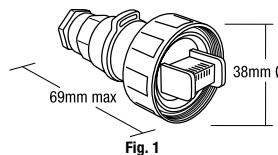


Fig. 1

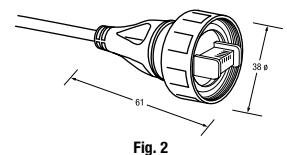


Fig. 2

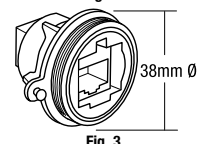


Fig. 3

- Dustproof and Waterproof to IP68
- Cat 5E Coupler Maintains Shielding
- Optimized IP68 Sealing Secures and Seals Cable Without Disrupting Signal
- Shroud for RJ45 Provides a Positive Guide For Alignment and Protects Against Damage During Handling
- Cat 5E Compliant With Data Rates Up to 100Mbps

Water Buccaneer® industrial circular connector system offers a secure connection for Ethernet based networks, running up to 100Mbps, using the industry standard RJ45 connector as the base connection. Feature shielded connectors and couplers with S-FTP stranded cable that provides a high level of noise immunity. Patch cords have been independently tested to TIA/EIA Cat 5E levels. Patchcord Specifications: TIA/EIA rating: Cat 5e, Sheath: PUR Jacket Black, Diameter: 6.1mm, Characteristic Impedance: 100Ω ±15Ω @ 100MHz, Capacitance: 1600pF/km, Operating Temperature: -25°C to +85°C. Wiring configuration 568-B. Mates with panel mounting connector PX0833.

REWIREABLE FLEX CABLE CONNECTOR — FIG. 1

Supplied with shielded RJ45 plug and sealing glands to suit cable sizes from 3.5 to 8mm diameter. Glass-filled polyamide connector body, UL94V-0 flammability rated. Operating temperature -20°C to +70°C. Mates with panel mounting connectors; *order separately below.*

Mfg. Part No.	Description	Stock No.	Price Each
		1-9	10-24
● PX0834/B	For Use With Cable Sizes 3.5 to 8mm Diameter	25H6701	14.93 13.68

PATCHCORDS - IP68 ETHERNET BUCCANEER TO SHIELDED RJ45 - FIG. 2

Mfg. Part No.	Length	Stock No.	Price Each
		1-9	10-24
● PX0837/2M00	2m	09J1545	18.80 17.22
● PX0837/3M00	3m	09J1546	21.79 19.96
● PX0837/5M00	5m	09J1547	24.80 22.72

PATCHCORDS - IP68 ETHERNET BUCCANEER TO IP68 ETHERNET BUCCANEER - FIG. 2

Mfg. Part No.	Length	Stock No.	Price Each
		1-9	10-24
● PX0838/2M00	2m	86H8968	23.31 21.35
● PX0838/3M00	3m	09J1548	27.06 24.78
● PX0838/5M00	5m	09J1549	29.31 26.85

PANEL MOUNTING CONNECTOR - FIG. 3

Feature Cat 5E shielded coupler available with or without an earth wire. Provides a sealed connection to the front of panel and a standard RJ45 connection to the rear. Mounts to panel with a single hole fixing. Comes complete with panel sealing gasket an O-ring seal to maintain IP68, EN60529 seal. Glass-filled polyamide connector body, UL94V-0 flammability rated. Operating temperature -20°C to +70°C.

Mfg. Part No.	Description	Stock No.	Price Each
		1-9	10-24
● PX0833	Cat 5E Coupler	09H1135	31.13 28.51
● PX0833/E	Cat 5E Coupler with Earth Wire	25H6699	31.89 29.21

SEALING CAPS

Maintains the IP rating of unmated connectors.

Mfg. Part No.	Description	Stock No.	Price Each
		1-24	25-49
● PX0835	Sealing Cap for Flex Connectors	25H6702	1.73 1.55
● PX0733	Sealing Cap for Panel Connectors	48F2467	1.03 0.94

(74603)

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application
notes—fast.

(94645)

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INDUSTRIAL ETHERNET

HAN-BRID® RJ-45 ETHERNET CONNECTORS



- Suitable for Standard RJ-45 Plug and Jack, Shielded Version

Han-Brid® RJ-45 interface enables the connection of network-components in an industrial Ethernet environment. Fulfills the requirements of data transmission according to DIN EN 50175 Cat. 5. Connection of device side can be by PC board as a modular version or as part of the appliance PCB. Easy assembly with standard tools. Order hoods with preassembled seal, bulkhead mounted housings and cable glands separately below.

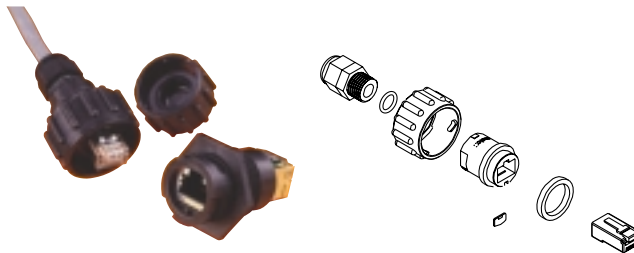


Mfg. Part No.	Description	Stock No.	Price Each
● 09 12 003 3101*	Device Side Female without PCB	79K0425	35.77
● 09 12 003 2701*	Insert, Device Side Female without PCB and Jack	79K0423	7.37
● 09 12 003 2794*	Panel Feed-Thru PC Board Mount with 2 RJ-45 Jacks	73C1683	64.52
● 09 12 003 3001*	Cable Side Male with RJ-45 Plug	79K0424	14.74

ACCESSORIES

● 09 20 003 0423	Top-Entry Hood with Cable Gland, Gray Plastic	73C1680	11.87
● 09 20 003 1443	Top-Entry Hood, Metal	79K0428	10.52
● 19 20 003 0423	Top-Entry M20 Hood, Gray Plastic	06H2844	8.98
● 19 20 003 1443	Top-Entry M20 Hood, Metal	79K0793	8.01
● 09 20 003 0623	Side-Entry Hood with Cable Gland, Gray Plastic	06H2784	12.96
● 09 20 003 1643	Side-Entry Hood, Metal	06H2786	12.08
● 09 20 003 0320	Bulkhead Mounted Housing, Gray Plastic	04C8308	6.20
● 09 20 003 0301	Bulkhead Mounted Housing, Metal	79K0467	8.82
● 09 00 000 5182	Cable Gland, Black Plastic, IP65	02E8869	6.07
● 09 00 000 5183	Cable Gland, Metal, IP65	79K0422	7.90

*Use crimp D-pins for two 10A power contacts (73799)

MODULAR INDUSTRIAL
% PLUGS AND JACKS


- Current: 1.5 A
- Voltage: 125 V
- Withstanding Voltage: 1000 VAC
- Contact Resistance: 20 mΩ max.
- Insulation Resistance: 500 MΩ min.
- Temperature Range: -40°C to +60°C

84700 series modular plugs and jacks rugged construction provides protection to terminals and withstands harsh environments. Meets Category 5e performance for fast ethernet industry standard. Contact phosphor bronze 50 μm gold plating, housing material PA polyamide (nylon), PBT polyester, TPE thermo plastic elastomer, UL 94V-0

84700 SERIES BULKHEAD RECEPTACLE

Mfg. Part No.	Circuits	Description	Stock No.	Price Each
● 84700-0001	8	Inline Dual Jack	18M8289	36.93

84700 SERIES WIRE PLUG

● 84700-0002	8	Wire Plug	95H9877	27.90
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84700 SERIES DUST COVER

Mfg. Part No.	For Use With	Color	Stock No.	Price Each
● 84700-0003	84700 Series Bulkhead Receptacle	Black	95H9878	15.86

(78323)

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(94650)

ETHERCON® RJ45
DATA CONNECTORS

NEFDV-Y110

NE8MC

NE8FBH-S

Rugged RJ45 Ethernet data connectors are designed to prevent breakage of the fragile latch and cover of standard RJ45 connectors. Pinouts provide additional terminal to PC board for better shielding. Diecast shell and chuck-type strain relief on cable end accepts all common RJ45 plugs (not included). Female chassis connectors are based on current NEUTRIK® "A and B" series and "D" series XLR receptacles with secure latching system. CAT 5e version complies with Class D (NE8FAH) or CAT 5E (IDC terminated receptacles) according to TIA/EIA 568B and ISO 11801 standards. Compatible with 10Base-T and 100Base-TX systems. CAT 6 version compatible with 1000 base-T systems. "D" series panel mount with metal housing and secure latching system. CAT 6 features tool-free termination. Color-coded rings (for receptacles) and boots (for cable carriers) available; go online or call Newark.

CABLE CONNECTORS

Mfg. Part No.	Description	Stock No.	Price Each
● NE8MC	Housing with Chuck and Boot	35C0562	7.45
● NE8MC-B	Housing in Black Chrome with Chuck and Boot	35C0563	3.59
● NE8MC-1-B	Housing in Black with Chuck and Boot	90H9371	3.71

RECEPTACLES

● NE8FDV	"D" Series Housing, Vertical PCB Contacts	94C0899	11.66
● NE8FDV-YK	"D" Series Housing, Krone Punchdown Terminals	94C0900	9.46
● NE8FDV-Y110	"D" Series Housing, 110 Punchdown Terminals	81C8110	9.46
● NE8FDV-Y110B	"D" Series Housing, 110 Punchdown Terminals	77C5731	10.71
● NE8FAH	"A" Series Housing, Horizontal PCB Mount, All Plastic	35C0558	4.64
● NE8FBH	"B" Series Housing, Horizontal PCB Mount, Nickel Ring	35C0561	5.50
● NE8FBH-S	Horizontal PCB "B" Series mount RJ45 receptacle	72K9005	8.27
● NE8FBH-LED	Horizontal PCB "B" Series mount RJ45 receptacle with metal housing.	72K9004	9.69
● NE8FAV-Y110	"D" Series Housing, IDC Terminals, 110 Punch Down, with Screws	35C0560	9.89
● NE8FAV-YK	"A" Series Housing, IDC Terminals, Krone, Punchdown, with Screws	35C0559	9.89
● NE8FDP	Feed-Thru, "D" Series, Nickel, with Screws	61H8745	12.37
● NE8FDP-B	Feed-Thru, "D" Series, Black Chrome, with Screws	90H9368	12.64
● NE8FDP-B-D	Feed-Thru, "D" Series, Black Chrome, without Screws	05J1913	12.37
● NE8FDY-C6-B	"D" Series, CAT 6, IDC, Black Chrome, without Screws	32M7748	38.79
● NE8FDY-C6	"D" Series, CAT 6, IDC, Nickel, without Screws	32M7751	36.85

(69209)

AMP CIRCULAR PLASTIC
CONNECTORS (CPC)
SERIES 45 ETHERNET

Just Added

- Meets TIA/EIA-56-B.2 Cat 5 requirements
- Positive lock coupling ring
- UV resistant and UL 94V-0 housing material
- Operating temperature: -55°C to 105°C



Mfg. Part No.	Description	Stock No.	Price Each
● 1546876-1	Plug Kit, Unshielded	38M8532	9.89 9.36
● 1546877-1	Receptacle Kit, Wire Terminated, Unshielded	38M8533	17.93 16.97
● 1776186-1	Receptacle Kit, Pass-through RJ45/RJ45	38M8534	20.66 19.56

(93064)

D-SUB – PC BOARD MOUNT CONNECTORS

AMPLIMITE® 0.050" SERIES III HEADERS



- Shielded
- Mating Connector Lock
- Full Steel Shell
- Thermoplastic Housing, Flammability Rated UL94V-0
- Phosphor Bronze Contacts



Perfect for network and transmission/switching applications.

RIGHT-ANGLE, WITH RAILS AND LATCH BLOCKS

Mfg. Part No.	Description	Positions	Stock No.	Price Each
● 5787190-7	Without Boardlocks	68	16M3380	10.09
● 1761028-4	With Boardlocks	68	16M2781	7.78

RIGHT-ANGLE, WITHOUT RAILS AND LATCH BLOCKS

● 5787170-5	With Boardlocks, 0.100" Tails	50	16M3379	7.23
● 5787169-7	Without Boardlocks, 0.100" Tails	68	16M3378	6.24
● 5787170-7	With Boardlocks, 0.100" Tails	68	42K7573	6.09
● 5787362-7	With Boardlocks, 0.120" Tails	68	42K7580	8.84
● 5787169-9	Without Boardlocks, 0.100" Tails	100	42K7572	13.39
● 5787170-9	With Boardlocks, 0.100" Tails	100	42K7574	21.51

RIGHT-ANGLE, WITHOUT RAILS, WITH LATCH BLOCKS

● 5787082-5	With Boardlocks, 0.100" Tails	50	24K3662	4.61
● 5787082-7	With Boardlocks, 0.100" Tails	68	42K9936	5.52

VERTICAL, WITH RAILS AND LATCH BLOCKS

● 5749069-5	0.125" Tails	50	10M8517	7.52
● 5749069-7	0.125" Tails	68	42K7511	7.91

VERTICAL, WITHOUT RAILS AND LATCH BLOCKS

● 5749070-7	0.125" Tails	68	42K7513	7.88
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VERTICAL, WITHOUT RAILS, WITH LATCH BLOCKS

● 5749721-5	0.125" Tails	50	42K7534	8.69
● 5749721-7	0.125" Tails	68	42K7535	6.66

(40971)

AMPLIMITE® HD-22 METAL-SHELL RIGHT-ANGLE PC BOARD D-SUB CONNECTORS



- Tin-Plated Steel Front Metal Shell
- Black Thermoplastic Housing, Rated UL94V-0
- 0.350" Footprint
- Boardlock Mounting Hardware
- UL Recognized, CSA Certified

Right-angle PC board D-sub connectors feature phosphor bronze posted contacts finished with gold on mating end, tin-lead on termination end, and nickel underplated overall. Available with threaded inserts or fixed female screwlocks.

FIXED FEMALE SCREWLOCKS WITH BOARDLOCKS

Mfg. Part No.	Contacts	Connector	Stock No.	Price Each			
				1-24	25-49	50-99	100-249
● 5748481-6	26	Receptacle	42K7497	8.76	7.43	6.20	5.33
● 5748394-6	62	Receptacle	16M4035	19.40	16.46	13.72	11.81

4-40 THREADED INSERTS WITH BOARDLOCKS

● 5749767-1	15	Plug	12M6146	5.93	5.04	4.20	3.61
● 5749769-1	26	Plug	16M4040	12.62	10.71	8.93	7.68
● 5749771-1	44	Plug	42K7536	19.03	16.15	13.46	11.59
● 5749639-1	62	Plug	16M4039	16.72	14.19	11.83	10.18
● 5748482-5	44	Receptacle	42K7498	5.54	4.70	3.92	3.37
● 5748483-5	78	Receptacle	42K7499	30.86	26.19	21.83	18.78

0.125" (3.18) THREADED INSERTS WITHOUT BOARDLOCKS

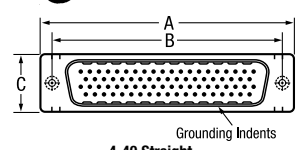
● 1-5748481-9	26	Receptacle	16M3862	11.13	9.45	7.87	6.78
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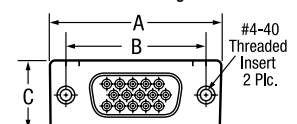
AMPLIMITE® HD-22 FRONT METAL-SHELL STRAIGHT POSTED D-SUB I/O CONNECTORS



4-40 Straight Posted Plugs



4-40 Straight Posted Plugs



4-40 Straight Posted Receptacle

- Tin-Plated Steel Front Metal-Shell for EMI/RFI Shielding
- Black Thermoplastic Housing, Rated UL 94V-0
- UL Recognized, CSA Certified

PC boardmount, straight, subminiature D connectors with 4-40 threaded inserts. Brass pin and phosphor bronze socket contacts are 30µ" gold duplex-plated on the mating end and tin-lead plated on the termination end, with nickel plating underall. PC tail: 0.125" (3.18).

4-40 STRAIGHT POSTED PLUGS

Mfg. Part No.	Positions	Dimensions (In Inches)			Stock No.	Price Each
		A	B	C		
● 5749798-1	15	1.213	0.984	0.494	16M3375	14.16
● 5749019-1	78	2.638	2.406	0.606	74K2735	94.93

4-40 STRAIGHT POSTED RECEPTACLES

● 5749374-1	15	1.213	0.984	0.494	42K7526	9.34
● 5749030-1	26	1.541	1.312	0.494	84K7584	16.53
● 5747786-6	62	2.732	2.500	0.496	16M3355	27.56
● 5748831-1	78	2.635	2.406	0.606	42K7504	49.66

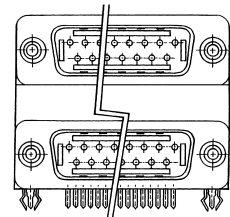
(75437)

AMPLIMITE® HD-20 RIGHT-ANGLE STACKED D-SUB CONNECTORS



- Front Metal Shells for EMI/RFI Shielding
- Thermoplastic Housing, Rated UL94V-0
- UL Recognized, CSA Certified

Boardmount, stacked, D-sub connectors in right-angle configuration reduces overall board space consumed by individual PC board connectors. Fully intermateable with other subminiature D connectors. Brass pin and phosphor bronze socket contacts are 30µ" gold on mating end and tin-lead plated on termination end, with the entire contact underplated nickel. 0.750" centerline spacing between connectors.



4-40 THREADED INSERTS

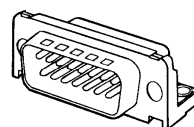
Mfg. Part No.	Type	Positions	Stock No.	Price Each	
				1-9	
● 1734279-3	M/M	9-9	02M4958	16.02	
● 1734285-3	F/F	9-9	16M2763	10.77	
● 1-1734285-3	F/F	15-15	16M2634	19.50	
● 2-1734285-3	F/F	25-25	73K0555	18.91	
● 5750821-1	F/F	26-26	16M1084	44.20	
● 3-1734285-3	F/F	37-37	16M2892	18.26	
● 1734282-3	M/F	9-9	06M3139	12.04	
1-440394-3	M/F	15-15	09H9486	21.69	

FEMALE SCREW LOCKS

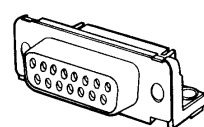
● 1734280-3	M/M	9-9	16M2762	14.72
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AMPLIMITE® HD-20 FRONT METAL-SHELL RIGHT-ANGLE PC MOUNT D-SUB CONNECTORS



Right-Angle Plug



Right-Angle Receptacle

- Thermoplastic Housing, Rated UL94V-0
- Tin-Lead Plating Over Nickel on Termination End

PC board mount connectors available in right-angle or straight versions. Brass pin and phosphor bronze socket contacts are duplex-plated on mating end with "A" 30µ" gold or "B" gold flash.

➤ CONTINUED ➤

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(94656)

D-SUB – PC BOARD MOUNT CONNECTORS

AMPLIMITE® HD-20 FRONT METAL SHELL RIGHT ANGLE PC MOUNT D-SUB CONNECTORS (CONT.)

FRONT METAL, TIN-PLATED STEEL SHELL — RIGHT-ANGLE 0.026" (0.66mm) DIAMETER POST

0.318" (8.08mm) MOUNT PLUGS WITH STANDARD MOUNTING HOLES AND WITHOUT BOARDLOCKS

Mfg. Part No.	Positions	Plating	PC Tail Length	Stock No.	Price Each	
					1-24	25-99
● 5747238-2	25	B	0.125" (3.18)	42K7441	6.78	5.66

0.318" (8.08mm) MOUNT RECEPTACLES WITH STANDARD MOUNTING HOLES AND WITHOUT BOARDLOCKS

● 5745781-2	9	B	0.125" (3.18)	42K8778	4.08	3.41
● 5745783-2	25	B	0.125" (3.18)	16M4029	10.02	8.37

0.318" (8.08mm) MOUNT PLUGS WITH THREADED INSERTS AND WITHOUT BOARDLOCKS

● 5747250-4	9	A	0.125" (3.18)	42K7444	3.78	3.16
● 1734352-1*	9	B	0.125" (3.18)	16M2767	0.81	0.68
● 5747236-4	15	A	0.125" (3.18)	42K8787	8.70	7.27
● 5747238-4	25	A	0.125" (3.18)	42K7442	6.73	5.62
● 5747252-4	37	A	0.125" (3.18)	42K8790	17.21	14.37

0.318" (8.08mm) MOUNT RECEPTACLES WITH THREADED INSERTS AND WITHOUT BOARDLOCKS

● 5745781-4	9	A	0.125" (3.18)	42K7404	2.30	2.09
● 1734348-1*	9	B	0.125" (3.18)	16M2765	1.06	0.89
● 5745782-4	15	A	0.125" (3.18)	42K7405	3.94	3.29
● 5745783-4	25	A	0.125" (3.18)	42K7406	4.74	3.96
● 1734350-1*	25	B	0.125" (3.18)	16M2766	1.31	1.10
● 5745784-4	37	A	0.125" (3.18)	42K8783	11.21	9.36

0.318" (8.08mm) MOUNT RECEPTACLES WITH FIXED FEMALE SCREWLOCKS AND WITHOUT BOARDLOCKS

● 5747844-5	9	A	0.125" (3.18)	42K7478	3.06	2.56
● 1734354-1	9	B	0.125" (3.18)	16M2768	0.92	0.77
● 1734349-1	25	B	0.125" (3.18)	73K1614	1.44	1.21

0.318" (8.08mm) MOUNT PLUGS WITH FIXED FEMALE SCREWLOCKS AND WITHOUT BOARDLOCKS

● 5747250-6	9	A	0.125" (3.18)	42K8789	3.89	3.25
● 5745782-6	15	A	0.125" (3.18)	42K8780	7.80	6.52
● 5745783-6	25	A	0.125" (3.18)	42K8782	5.20	4.35

0.318" (8.08mm) MOUNT PLUGS WITH STANDARD MOUNTING HOLES AND BOARDLOCKS

● 5747840-2	9	A	0.125" (3.18)	89K0408	7.48	6.25
● 5747842-2	25	A	0.125" (3.18)	42K7474	10.21	8.53

0.318" (8.08mm) MOUNT RECEPTACLES WITH STANDARD MOUNTING HOLES AND BOARDLOCKS

● 5747844-2	9	A	0.125" (3.18)	42K7476	2.92	2.44
● 5747846-2	25	A	0.125" (3.18)	42K7483	5.47	4.57

0.318" (8.08mm) MOUNT PLUGS WITH THREADED INSERTS AND BOARDLOCKS

● 5747840-5	9	A	0.125" (3.18)	42K8800	3.63	3.03
● 5747841-4	15	A	0.125" (3.18)	37K7193	3.21	2.68
● 5747842-4	25	A	0.125" (3.18)	42K7475	5.61	4.68
● 5747843-4	37	A	0.125" (3.18)	42K8804	7.83	6.54

0.318" (8.08mm) MOUNT RECEPTACLES WITH THREADED INSERTS AND BOARDLOCKS

● 5747844-4	9	A	0.125" (3.18)	24K6954	1.77	1.61
● 5747844-3	9	B	0.125" (3.18)	42K7477	3.06	2.56
● 5747845-4	15	A	0.125" (3.18)	42K7480	2.93	2.45
● 5747846-4	25	A	0.125" (3.18)	42K7485	4.49	3.75
● 5747847-4	37	A	0.125" (3.18)	42K7487	7.29	6.09

0.318" (8.08mm) MOUNT PLUGS WITH FIXED FEMALE SCREWLOCKS AND BOARDLOCKS

● 1734351-1	9	A	0.125" (3.18)	73K1615	1.03	0.86
● 5747840-6	9	A	0.125" (3.18)	42K7472	3.51	2.93
● 5747841-6	15	A	0.125" (3.18)	42K7473	3.21	2.68
● 5747842-6	25	A	0.125" (3.18)	24K3848	10.69	8.93
● 5747843-6	37	A	0.125" (3.18)	42K8805	15.51	12.95

0.318" (8.08mm) MOUNT RECEPTACLES WITH FIXED FEMALE SCREWLOCKS AND BOARDLOCKS

● 5747844-6	9	A	0.125" (3.18)	24K3845	2.92	2.44
● 5747845-6	15	A	0.125" (3.18)	42K7482	8.96	7.48
● 5747846-6	25	A	0.125" (3.18)	24K3849	5.16	4.31
● 5747847-6	37	A	0.125" (3.18)	42K8806	7.29	6.09

0.590" (14.99mm) MOUNT PLUG WITH THREADED INSERTS AND BOARDLOCKS

● 5747832-4	9	B	0.125" (3.18)	42K8792	10.08	8.42
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0.590" (14.99mm) MOUNT RECEPTACLES WITH THREADED INSERTS AND BOARDLOCKS

● 5745988-4	9	A	0.125" (3.18)	42K7420	18.78	15.68
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0.590" (14.99mm) MOUNT PLUGS WITHOUT THREADED INSERTS AND BOARDLOCKS

● 5745994-4	25	A	0.125" (3.18)	16M3343	22.83	19.06
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AMPLIMITE® HD-20 FRONT METAL SHELL RIGHT ANGLE PC MOUNT D-SUB CONNECTORS (CONT.)

0.590" (14.99mm) MOUNT RECEPTACLE WITHOUT THREADED INSERTS AND BOARDLOCKS

Mfg. Part No.	Positions	Plating	PC Tail Length	Stock No.	Price Each	
					1-24	25-99
● 5747836-4	9	A	0.125" (3.18)	42K8795	7.87	6.57

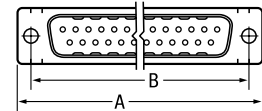
FULL METAL, ZINC-PLATED SHELL — RIGHT-ANGLE 0.025" (0.64mm) SQ. POST 0.545" (13.84mm) MOUNT PLUGS

Mfg. Part No.	Positions	Plating	PC Tail Length	Stock No.	Price Each	
					1-24	25-99
● 5205857-1	25	B	0.125" (3.18)	42K7078	27.06	22.60
● 205859-1	37	B	0.125" (3.18)	44F8673	29.99	25.04

0.545" (13.84mm) MOUNT RECEPTACLES

● 205866-1	9	B	0.125" (3.18)	44F8684	17.50	14.61
● 205868-1	15	B	0.125" (3.18)	44F8686	29.15	24.34
● 5205858-1	25	B	0.125" (3.18)	42K7079	23.18	19.35
● 205870-1	50	B	0.125" (3.18)	44F8678	87.77	73.28

(8039)

HD-20 FRONT METAL SHELL STRAIGHT POSTED D-SUB CONNECTORS


Receptacle

- Front Metal Shells for EMI/RFI Shielding
- Thermoplastic Housing

- UL Recognized, CSA Certified

Board mount, straight subminiature D connectors. Brass pin and phosphor bronze socket contacts are duplex plated in 30 µ" gold on the mating end and tin-lead plated on the post tail end with the entire contact underplated nickel. Thermoplastic housing rated UL 94V-0. 0.125" post tail length is recommended for board thickness of 0.062" - 0.093" max. 0.170" and 0.188" post tail length is recommended for board thickness of 0.093" - 0.125" max.

PLUGS WITH 4-40 THREADED INSERTS

Mfg. Part No.	Positions	Dimensions (in.)		Post Length	Stock No.	Price Each	
		A	B			1-24	25-99
● 5747871-8	9	1.213	0.984	0.125	42K8807	7.23	6.04
● 1658575-2	15	1.541	1.312	0.125	42K6638	6.11	5.11
● 5745968-8	25	2.090	1.852	0.125	42K7419	11.47	9.59
● 5747375-8	37	2.732	2.500	0.125	16M3354	14.30	11.94

RECEPTACLES WITH 4-40 THREADED INSERTS

● 5747150-8	9	1.216	0.984	0.125	42K8786	6.70	5.60
● 5747299-8	15	1.541	1.312	0.125	42K7445	6.08	5.08
● 5745967-8	25	2.090	1.852	0.125	42K7415	7.88	6.58
● 1-5745967-0	25	2.090	1.852	0.170	42K6535	11.75	9.82
● 5747301-8	37	2.732	2.500	0.125	16M1980	12.87	10.75

PLUGS WITH RETENTION 4-40 SCREWLOCKS

● 5748027-1	25	2.090	1.852	0.125	42K7493	15.10	12.62
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PLUGS WITH STANDARD MOUNTING HOLES

● 5747871-2	9	1.213	0.984	0.125	42K7488	4.34	3.63
● 5747872-4	15	1.541	1.312	0.170	42K7489	5.24	4.38
● 5745968-2	25	2.090	1.852	0.125	42K7416	6.79	5.68
● 5745968-4	25	2.090	1.852	0.170	42K7417	10.14	8.47
● 5747375-2	37	2.732	2.500	0.125	42K7448	11.29	9.43

RECEPTACLES WITH STANDARD MOUNTING HOLES

● 5747150-2	9	1.216	0.984	0.125	42K7434	4.50	3.76
● 5747150-4	9	1.216	0.984	0.170	16M3346	10.64	8.89
● 5747299-2	15	1.541	1.312	0.125	42K8791	4.62	3.86
● 5745967-2	25	2.090	1.852	0.125	42K7413	8.93	7.46
● 5747301-2	37	2.732	2.500	0.125	42K7446	12.93	10.80

PLUGS WITH FIXED FEMALE SCREWLOCKS

● 1-5747871-4	9	1.213	0.984	0.125	42K8646	7.91	6.61
● 1-5747871-6	9	1.213	0.984	0.170	42K6548	9.06	7.57
● 1-5747872-6	15	1.541	1.312	0.170	42K6549	7.41	6.19
● 1-5745968-4	25	2.090	1.852	0.125	42K6538	13.46	11.24
● 1-5745968-6	25	2.090	1.852	0.170	42K6539	13.74	11.48

RECEPTACLES WITH FIXED FEMALE SCREWLOCKS

● 1-5747150-4	9	1.216	0.984	0.125	42K6541	8.16	6.82
● 1-5747150-6	9	1.216	0.984	0.170	42K6542	7.01	5.86
● 1-5747299-4	15	1.541	1.312	0.125	42K6543	6.51	5.44
● 1-5747299-6	15	1.541	1.312	0.170	42K6544	7.48	6.25

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D-SUB – PC BOARD MOUNT CONNECTORS

HD-20 FRONT METAL SHELL STRAIGHT POSTED D-SUB CONNECTORS (CONT.)

RECEPTACLES WITH FIXED FEMALE SCREWLOCKS

Mfg. Part No.	Positions	Dimensions (in.)		Post Length	Stock No.	Price Each	
		A	B			1-24	25-99
● 1-5745967-4	25	2.090	1.852	0.125	42K6536	7.13	5.96
● 1-5745967-6	25	2.090	1.852	0.170	42K6537	8.37	7.00
● 1-5747301-6	37	2.732	2.500	0.170	42K6546	19.57	16.35

PLUGS WITH RETENTION 4-40 INSERTS

● 2-5748003-0	9	1.213	0.984	0.125	42K6828	6.24	5.21
● 2-5747704-0	25	2.090	1.852	0.125	42K6822	8.56	7.15

RECEPTACLES WITH RETENTION 4-40 INSERTS

● 2-5747706-0	9	1.216	0.984	0.125	42K6824	5.55	4.64
● 2-5747707-0	15	1.541	1.312	0.125	42K6825	4.62	3.86
● 2-5747708-0	25	2.090	1.852	0.125	42K6826	9.89	8.27
● 2-5747709-0	37	2.732	2.500	0.125	42K6827	19.04	15.91

RECEPTACLES WITH 0.120" (3.05mm) MOUNTING HOLES

Mfg. Part No.	Positions	Dimensions (in.)		Post Length	Stock No.	Price Each	
		A	B			1-24	25-99
● 5745183-1	9	1.213	0.984	0.125	42K7383	7.01	5.86
● 5745183-7	9	1.213	0.984	0.188	42K7385	8.16	6.82
● 5745185-7	15	1.541	1.312	0.188	42K7387	11.25	9.40
● 5745187-1	25	2.088	1.852	0.125	42K7388	11.07	9.25
● 5745189-1	37	2.729	2.500	0.125	16M3325	20.68	17.28
● 5745191-1	50	2.635	2.406	0.125	42K7391	24.37	20.36
● 5745191-7	50	2.635	2.406	0.188	16M3326	31.00	25.90

RECEPTACLES WITH CLINCH NUTS

● 5747190-2	9	1.213	0.984	0.125	42K7438	8.19	6.84
● 5745820-1	15	1.541	1.312	0.125	16M3339	14.02	11.71
● 5745886-1	25	2.088	1.852	0.125	42K7409	12.71	10.62
● 5747315-1	37	2.729	2.500	0.125	16M3353	17.36	14.51

PLUGS WITH GROUNDING INDENTS

● 5745410-1	9	1.213	0.984	0.125	42K7396	7.44	6.22
● 5745410-7	9	1.213	0.984	0.188	42K7397	9.49	7.93
● 5745412-1	25	2.088	1.852	0.125	42K7398	9.77	8.16
● 5745412-7	25	2.088	1.852	0.188	54K3371	14.57	12.18
● 5745413-1	37	2.729	2.500	0.125	16M3328	22.94	19.17
● 5745414-1	50	2.635	2.406	0.125	16M3329	28.15	23.52
● 5745414-7	50	2.635	2.406	0.188	16M3330	25.08	20.96

FRONT METAL SHELL, STRAIGHT POSTED WITH ACTION PIN
RECEPTACLES WITH STANDARD MOUNTING HOLES

Mfg. Part No.	Positions	Plating	PC Tail Length	Stock No.	Price Each		
					1-24	25-99	100-499
● 5747089-2	9	A	0.228" (5.79)	42K7429	6.61	5.52	4.41
● 747713-2	37	A	0.228" (5.79)	90F3710	23.22	19.40	15.51
● 747143-2	50	A	0.228" (5.79)	16H5295	33.58	28.05	22.42

PLUGS WITH FIXED FEMALE SCREWLOCKS

● 5748146-6	25	A	0.228" (5.79)	16M3357	18.57	15.52	12.40
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RECEPTACLES WITH FIXED FEMALE SCREWLOCKS

● 5747091-2	9	A	0.228" (5.79)	42K7431	10.76	8.99	7.19
● 5747142-2	15	A	0.228" (5.79)	42K7432	9.43	7.88	6.30
● 5745928-2	25	A	0.228" (5.79)	42K7412	9.15	7.64	6.11
● 5747715-2	37	A	0.228" (5.79)	42K7468	15.81	13.21	10.56

PLUGS WITH THREADED INSERTS

● 786830-1	9	A	0.228" (5.79)	16H5836	14.76	12.33	9.86
● 748146-4	25	A	0.228" (5.79)	16H5344	32.37	27.04	21.61
● 786534-1	37	A	0.228" (5.79)	16H5828	42.94	35.88	28.67
● 749892-1	50	B	0.228" (5.79)	34B1753	76.20	63.67	50.88

RECEPTACLES WITH THREADED INSERTS

● 5747090-2	9	A	0.228" (5.79)	42K7430	7.07	5.91	4.72
● 747141-2	15	A	0.228" (5.79)	34B1632	9.65	8.06	6.44
● 5745925-2	25	A	0.228" (5.79)	42K7411	10.76	8.99	7.19
● 747714-2	37	A	0.228" (5.79)	34B1653	16.93	14.15	11.31
● 747144-2	50	A	0.228" (5.79)	90F5425	16.78	14.02	11.20

(75436)

MDB SERIES
INDUSTRIAL/MILITARY
HARSH ENVIRONMENT
D-SUB CONNECTORSAmphenol
Commercial Products

Just Added

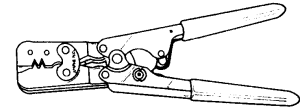
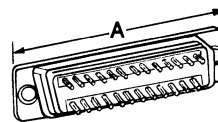
- Environmentally sealed to IP67
- Contact current rating: 5A
- Contact material: copper alloy
- Contact finish: gold over nickel
- Screw machine contacts

PLUG

Plug

Mfg. Part No.	No. of Contacts	Body Material	Mounting	Stock No.	Price Each
● MDB-E09SA-760	9	Metal	PCB Straight Thru Hole	01M3122	13.33
RECEPTACLES					
● MDB-E09SA-700	9	Thermoplastic	PCB Right Angle Thru Hole	01M3123	11.83
● MDB-E09SA-760	9	Metal	PCB Straight Thru Hole	01M3124	13.33

(89561)

17RR SERIES REAR-
RELEASE CRIMP
D-SUB CONNECTORSAmphenol
Commercial Products

357-574

Shrouded contact and crimp protect against shorting or arcing. Meet EIA standard RS232C-RS449. 2-piece, black thermoplastic insulator, rated UL 94V-0. Voltage rating: 500VAC @ 5 amps. Wire types: 20 to 28 AWG. Temperature range: -55°C to +105°C. Shell plating: tin over nickel. Plugs feature grounding indents on front shell. Polarization by "D" shape. Order stamped and formed contacts and termination tools separately below.

PLUGS

Mfg. Part No.	Contacts	Dimension A	Stock No.	Price Each	
				1-9	10-24
● L177RRE09P	9	1.213" (30.81)	01M2926	0.61	0.48
● L177RRA15P	15	1.541" (39.14)	01M2907	0.74	0.57
● L177-RR-B25P	25	2.088" (53.04)	88K3064	0.76	0.59
● L177RRC37P	37	2.729" (69.32)	01M2916	1.39	1.08

RECEPTACLES

● L177RRE09S	9	1.213" (30.81)	01M0374	0.61	0.48
● L177RRA15S	15	1.541" (39.14)	01M0354	0.74	0.57
● L177RRB25S	25	2.088" (53.04)	01M0359	0.76	0.59
● L177RRC37S	37	2.729" (69.32)	01M0364	1.39	1.08

REMOVABLE STAMPED AND FORMED CONTACTS

Plating: 10µ" gold on mating end; gold flash on termination end. Go online or call for plating availability. Sold in packages of 100.

Mfg. Part No.	Description	AWG	Stock No.	Price per Pkg.	
				1-9	10-24
● L17-RRD1-F01-100	Female	20-24	88K3017	19.73	15.92
17-RRD2-F01-100	Female	24-28	46F138	23.52	17.49
● L17RRD1M01100	Male	20-24	17M9179	19.73	15.92
17-RRD2-M01-100	Male	24-28	46F140	18.94	15.28

D-SUB TERMINATION TOOLING

Mfg. Part No.	Description	Stock No.	Price Each
357-574	Hand Crimp Tool	38F928	198.29
356-214/METAL	Removal Tool	38F915	7.11

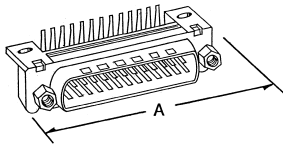
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Download
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Certificates
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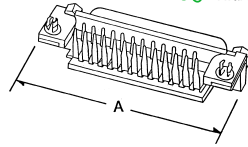
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(94660)

D-SUB – PC BOARD MOUNT CONNECTORS

617 SERIES PC BOARD MOUNT
RIGHT-ANGLE D-SUB CONNECTORS
WITH FRONT METAL SHELLAmphenol
Commercial Products

With Ground Strap



With Boardlock

Front tin-plated steel shell helps reduce EMI/RFI emissions. Precision formed copper alloy contacts plated with 30 µ" gold over nickel in engagement area, tin/lead over nickel in end area. **E** in mfg. part no. denotes RoHS compliant (contacts are tin over nickel in end area). Current rating: 5 A. Voltage rating: 100 VAC. Glass-filled thermoplastic dielectric, rated UL 94V-0. Plugs feature grounding indents. Front mounting holes are #4-40 threaded. **617-A series** D-Subs have 0.120" (3.05 mm) diameter mounting hole with wrap-around ground strap and 0.318" (8.08 mm) footprint. **617-C series** D-Subs have split arrowhead boardlock and 0.318" (8.08 mm) footprint.

617-A SERIES PLUGS WITH GROUND STRAP

Mfg. Part No.	Contacts	Dim. A	Stock No.	Price Each			
				1-9	10-24	25-49	50-99
6E17A009PAJ121	9	1.221"	39M3152	3.56	2.76	2.53	2.45
617-A015P-AJ121	15	1.539"	50F1909	2.22	1.72	1.58	1.53
617-A025P-AJ121	25	2.088"	50F1910	4.19	3.24	2.97	2.88
617-A037P-AJ121	37	2.730"	50F1922	6.02	4.67	4.28	4.15

617-A SERIES SOCKETS WITH GROUND STRAP

Mfg. Part No.	Contacts	Dim. A	Stock No.	Price Each			
				1-9	10-24	25-49	50-99
6E17A009SAJ120	9	1.221"	04M3287	3.28	2.55	2.33	2.26
6E17A015SAJ120	15	1.539"	04M3289	4.51	3.49	3.20	3.10
617-A025S-AJ120	25	2.088"	87F2248	2.29	1.78	1.63	1.58
617-A037S-AJ120	37	2.730"	87F2242	4.53	3.51	3.22	3.12

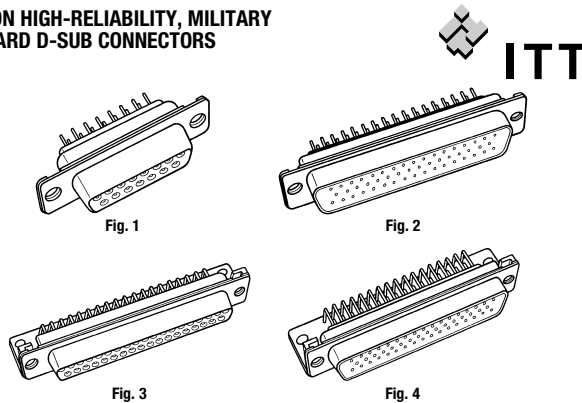
617-C SERIES PLUGS WITH BOARDLOCKS

Mfg. Part No.	Contacts	Dim. A	Stock No.	Price Each			
				1-9	10-24	25-49	50-99
6E17C009PAJ121	9	1.221"	01M3519	3.33	2.58	2.37	2.29
6E17C015PAJ121	15	1.539"	01M3524	4.76	3.69	3.38	3.28
6E17C025PAJ121	25	2.088"	01M3528	4.14	3.21	2.94	2.85
6E17C037PAJ121	37	2.730"	01M3535	8.20	6.36	5.83	5.65

617-C SERIES SOCKETS WITH BOARDLOCKS

Mfg. Part No.	Contacts	Dim. A	Stock No.	Price Each			
				1-9	10-24	25-49	50-99
6E17C009SAJ120	9	1.221"	01M3522	3.56	2.76	2.53	2.45
6E17C015SAJ120	15	1.539"	01M3526	3.82	2.96	2.71	2.63
6E17C025SAJ120	25	2.088"	01M3532	4.14	3.21	2.94	2.85
6E17C037SAJ120	37	2.730"	01M3537	6.70	5.20	4.76	4.62

(81396)

CANNON HIGH-RELIABILITY, MILITARY
PC BOARD D-SUB CONNECTORS

Straight and right-angle PC board military D-sub connectors offer the same features as crimp military D-sub connectors, *order separately on page 719*. Straight PC board plugs and receptacles have 0.120" (3.15) thru-mount holes and include pin or socket copper alloy contacts with 0.030" (0.76) diameter tails, 0.183" (4.65) long posts. Right-angle PC board plugs and receptacles have brackets with 0.120" (3.15) thru-holes and copper alloy contacts with 0.030" (0.76) diameter tails, 0.158" (4.01) long posts. See contact arrangement illustrations on page 719.

STRAIGHT PC BOARD RECEPTACLES, FIG. 1

Mfg. Part No.	Shell Size	Contacts	Stock No.	Price Each	
				1-24	25-49
M24308/23-7	E	9	93F8882	7.22	6.13
M24308/23-8	A	15	93F8884	9.28	7.88
M24308/23-9	B	25	93F8886	13.10	11.13
M24308/23-10	C	37	95F6020	18.05	15.33
M24308/23-11	D	50	93F8888	21.68	18.42

STRAIGHT PC BOARD PLUGS, FIG. 2

Mfg. Part No.	Shell Size	Contacts	Stock No.	Price Each	
				1-24	25-49
M24308/24-7	E	9	93F8883	3.39	2.88
M24308/24-8	A	15	93F8885	4.67	3.97
M24308/24-9	B	25	93F8887	10.84	9.21
M24308/24-10	C	37	95F6021	10.51	8.93
M24308/24-11	D	50	93F8889	17.98	15.27

▶ CONTINUED ▶

CANNON HIGH-RELIABILITY, MILITARY PC BOARD D-SUB
CONNECTORS (CONT.)

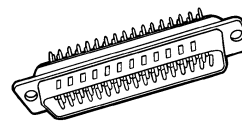
RIGHT-ANGLE PC BOARD RECEPTACLES WITH BRACKET, FIG. 3

Mfg. Part No.	Shell Size	Contacts	Stock No.	Price Each	
				1-24	25-49
M24308/23-31	E	9	93F8890	9.85	8.37
M24308/23-32	A	15	93F8892	13.36	11.35
M24308/23-33	B	25	93F8894	19.67	16.71
M24308/23-34	C	37	93F8896	27.92	23.71
M24308/23-35	D	50	95F6022	34.54	27.58

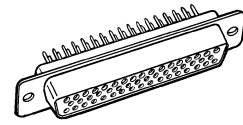
RIGHT-ANGLE PC BOARD PLUGS WITH BRACKET, FIG. 4

Mfg. Part No.	Shell Size	Contacts	Stock No.	Price Each	
				1-24	25-49
M24308/24-31	E	9	93F8891	6.43	5.46
M24308/24-32	A	15	93F8893	9.40	7.98
M24308/24-33	B	25	93F8895	11.79	10.01
M24308/24-34	C	37	93F8897	14.92	12.67
M24308/24-35	D	50	95F6023	29.08	24.70

(8703)

ECONOMICAL VERTICAL 0.109"
DENSITY METAL SHELL CONNECTORS

Plug



Socket

Mate with industry compatible connectors. Grounded tin-plated steel shell. Black, glass-filled polyester insulator material, rated UL 94V-0. Plugs have grounding indents and brass contacts; sockets have phosphor bronze contacts. Both feature gold flash over nickel plating in mating area and tin/lead over nickel on straight solder dip tails to meet solderability per MIL-STD-202, Method 208. 0.125" (3.18 mm) PC board thickness. Contact rating: 5 A. Dielectric withstanding voltage: 1000 VACrms. Operating temperature: -55° to +105°C.

Mfg. Part No.	Contacts	Style	Stock No.	Price Each	
				1-24	25-49
DEKL-9PUTI	9	Plug	97F8773	0.79	0.67
DEKL-9SUT	9	Socket	97F8766	0.76	0.64
DBKL-25PUTI	25	Plug	97F8923	1.12	0.98
DCKL-37SUT	37	Socket	97F8769	1.90	1.60

(8733)

BASIC D COMMERCIAL GRADE,
METAL SHELL D-SUBS WITH
WIRE WRAP TERMINALS

Copper alloy contacts; machined that feature gold flash over nickel plating. Zinc-plated steel shell with yellow chromate finish. Two-piece glass-filled polyester insulator material, rated UL94V-0. Operating temperature: -65°C to +125°C. Discrete cable to panel. UL recognized. CSA certified. Available with 0.375" tail length for 2 wraps. Also available with 0.585" tail for 3 wrap tail lengths. Order D-sub accessories on page 734.

Mfg. Part No.	Description	Contacts	Stock No.	Price Each	
				1-24	25-49
DEH-9P-F179	Plug	9	11M2999	4.48	4.01
DEH-9S-F179	Socket	9	11M3002	6.43	5.76
DAH-15P-F179	Plug	15	11M2951	6.40	5.74
DBH-25P-F179	Plug	25	11M2964	9.05	8.11
DBH-25S-F179	Socket	25	11M2967	13.63	12.21
DD-50S-F179	Socket	50	29F1366	25.54	22.88

SERIES 1 HIGH-RELIABILITY, METAL SHELL D-SUBS

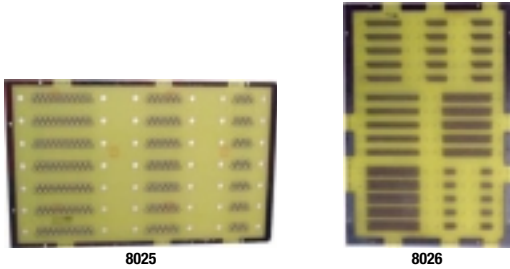
WITH SOLDER CUP TERMINALS

Insulator is glass-filled diallyl phthalate, UL94V-0 rated; brass plug contacts or phosphor-bronze socket contacts are 30µ" gold-plated. Also available with 4-40 clinch nut (suffix E) or dual float bushings (suffix Y) added to the mfg. part no. Tin-plated shells available; go online or call.

Mfg. Part No.	Description	Contacts	Stock No.	Price Each	
				1-24	25-49
DEM9P	Plug	9	43F233	5.61	5.03
DEM9S	Socket	9	43F234	8.07	7.23
DAM15P	Plug	15	43F235	8.14	7.29
DAM15S	Socket	15	43F236	11.95	10.71
DBM25P	Plug	25	43F238	12.38	11.09
DBM25S	Socket	25	43F239	18.90	16.93

(10025)

D-SUB – PC BOARD MOUNT CONNECTORS • D-SUB – CRIMP & POKE CONNECTORS

PLUGBORD™ PRINTED CIRCUIT PROTOTYPING
BOARDS FOR D-SUBMINIATURE CONNECTORS**VECTOR**
ELECTRONICS & TECHNOLOGY, INC.

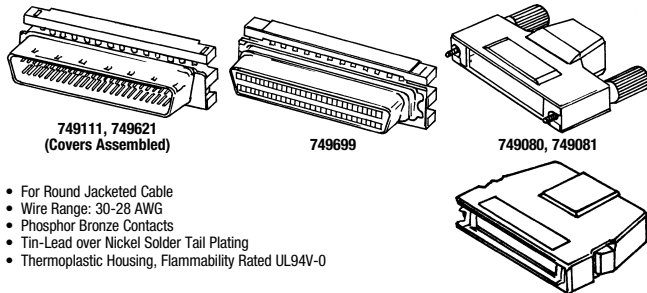
Features

- Standard or high density patterns
- Press-fit Pad-Per-Hole, Holes Plated-Thru
- All Copper Circuit Patterns are Solder Coated
- FR-4 Epoxy Glass UL 94V-0 Flame Rating
- Boards Can Be Cut to Smaller Units

These .062" (1.57) thick printed circuit boards feature SOLDER-COATED .039" (99) diameter holes 3U and 6U Eurocard board dimensions will plug into VectorPak® DIN-based subtracks (ordered separately).

Mfg. Part No.	Material	Circuit Pattern		W x L	Stock No.	Price Each
		Solder Side	Component Side			
8025	FR-4	Pads/Plated holes	Pads/Plated holes	3.94" x 6.3"	16J0506	23.39
8026	FR-4	Pads/Plated holes	Pads/Plated holes	9.19" x 6.3"	16J0507	30.40

(82326)

AMPLIMITE® 0.050" SERIES
III CABLE CONNECTORSRoHS
Compliant
Available**Tyco**
Electronics

- For Round Jacketed Cable
- Wire Range: 30-28 AWG
- Phosphor Bronze Contacts
- Tin-Lead over Nickel Solder Tail Plating
- Thermoplastic Housing, Flammability Rated UL94V-0

Suitable for transmission/switching applications.

SHIELDED CABLE PLUG CONNECTORS WITH STANDARD TERMINATION COVERS (ASSEMBLED)

Mfg. Part No.	Positions	Stock No.	Price Each			
			1-9	10-24	25-49	50-99
● 5749111-4	50	42K7516	7.05	6.62	6.14	5.69
● 5749111-6	68	42K7517	9.61	9.02	8.36	7.74
● 5749111-7	80	16M3370	25.38	23.84	22.10	20.46
● 5749111-8	100	42K7518	24.75	23.25	21.55	19.95

SHIELDED CABLE PLUG CONNECTORS WITH STANDARD TERMINATION COVERS (UNASSEMBLED)

● 5749621-5	50	42K7529	5.18	4.86	4.51	4.17
● 5749621-7	68	42K7530	6.84	6.43	5.96	5.52
● 5749621-9	100	42K7532	18.15	17.05	15.81	14.63

SHIELDED CABLE RECEPTACLE CONNECTORS WITH STANDARD TERMINATION COVERS (UNASSEMBLED)

● 5749699-7	68	42K7533	10.18	9.56	8.87	8.21
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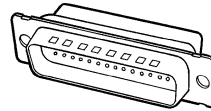
BACKSHELL KITS WITH JACKSCREWS

● 5749080-1	50	16M4038	17.02	15.98	14.82	13.72
749081-3	100	42K7913	13.50	12.68	11.75	10.88
● 5749081-1	100	06M3563	22.18	20.83	19.31	17.88

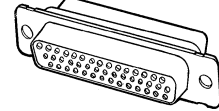
BACKSHELL KITS WITH SPRING LATCHES

Mfg. Part No.	Positions	Description	Stock No.	Price Each			
				1-9	10-24	25-49	50-99
● 749193-6	50	Straight Style	42K7914	5.63	5.29	4.90	4.54
● 5749197-1	100	Straight Style	02M5697	20.23	19.00	17.61	16.31

(40070)

HDP-22 HIGH-DENSITY
CRIMP SNAP-IN CONTACT
CONNECTORSRoHS
Compliant
Available**Tyco**
Electronics

Plug with Grounding Indents



Receptacle

- Tin-Plated Steel Shells
- Thermoplastic Insert
- Rated UL94V-0

Approximately 65% higher density than HD-20 connectors. Accept high performance, precision-formed HDP-22 crimp, snap-in contacts, ordered separately on this page. Mate with any size 22D subminiature connector dimensionally complying with MIL-C-24308. Order application tools separately on this page. UL recognized, CSA certified.

PLUGS WITH GROUNDING INDENTS

Mfg. Part No.	Positions	Width	Stock No.	Price Each
				1-24
● 748364-1	15	1.213"	90F5574	2.50
● 1658671-1	26	1.541"	42K6694	6.27
● 1658672-1	44	2.088"	42K6695	7.01
● 1658673-1	62	2.729"	42K6696	6.76
● 1658674-1	78	2.635"	42K6697	7.85

RECEPTACLES

● 1658681-1	15	1.213"	42K6702	3.40
● 1658682-1	26	1.541"	42K6703	7.01
● 1658683-1	44	2.088"	42K6704	8.87
● 1658685-1	62	2.729"	76K0887	10.85

(8162)

HDP-22 HIGH-DENSITY
CRIMP SNAP-IN CONTACTSRoHS
Compliant
Available**Tyco**
Electronics

Precision-formed, size 22 DF crimp contacts fit HDP-22 plugs and receptacles. Brass pin contacts and phosphor bronze socket contacts available in gold or gold flash finish on mating end, tin-lead on crimp barrel, with entire contact nickel underplated. 0.040" insulation dia. max. Wire size: 22-28 AWG. Order application tools separately on this page.

PIN CONTACTS

Mfg. Part No.	Finish	Stock No.	Price Each
			1-99
● 1658670-2	Gold	42K6690	0.21
● 1658670-4	Gold Flash	42K6692	0.14

SOCKET CONTACTS

● 1658686-2	Gold	42K6706	0.24
● 1658686-4	Gold Flash	42K6708	0.28

(8165)

HDP-22 APPLICATION TOOLS

Tyco
Electronics

Mfg. Part No.	Description	Stock No.	Price Each
91285-1	Insertion/Extraction Hand Tool with tips for size 22 and 20, 28-20 AWG crimp contacts and size 20 posted contacts	90F1401	14.93
90800-1	PRO-CRIMPER™ II Hand Tool*	96F9838	176.51
91520-1	CERTI-CRIMP® Hand Tool*	16H9490	542.86

*28-22 AWG
(8164)

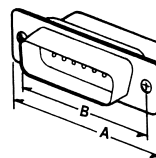
HDP-20 CRIMP
SNAP-IN CONTACT
CONNECTORSRoHS
Compliant
AvailableRoHS
Compliant
Available**Tyco**
Electronics

Fig. 1

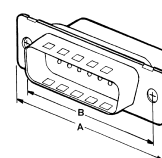


Fig. 2

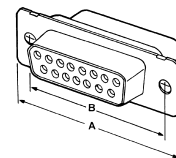


Fig. 3

- Thermoplastic Inserts, Rated UL94V-0
- Accept Size 20DF Pin Contacts

Steel shells have either tin or zinc plating. Used for discrete wire terminations. UL recognized, file E28476; CSA certified, file R16455. Order HDP-20 snap-in contacts and tools separately on page 717.

▶ CONTINUED ▶

D-SUB – CRIMP & POKE CONNECTORS

HDP-20 CRIMP SNAP-IN CONTACT CONNECTORS (CONT.)

TIN-PLATED PLUGS WITHOUT GROUNDING INDENTS -- FIG. 1

Mfg. Part No.	Positions	Mounting Type	Dimensions		Stock No.	Price Each
			A	B		1-24
● 205204-8	9	Standard	1.213"	0.984"	24K0976	1.45
● 205206-8	15	Standard	1.541"	1.312"	42K6842	1.55
● 207464-7	25	Standard	2.088"	1.852"	42K6843	1.77
● 205210-7	37	Standard	2.729"	2.500"	85H0047	2.23
● 1658641-1	50	Standard	2.635"	2.406"	86K8412	6.01

TIN-PLATED PLUGS WITH GROUNDING INDENTS -- FIG. 2

● 205204-4	9	Standard	1.213"	0.984"	44F8690	0.80
● 1658642-1	9	Clinch Nut	1.213"	0.984"	42K6670	4.44
● 205206-3	15	Standard	1.541"	1.312"	44F8692	0.95
● 207464-2	25	Standard	2.088"	1.852"	44F8694	0.84
● 5745036-2	25	Cinch Nut	2.088"	1.852"	42K7366	5.40
● 205210-3	37	Standard	2.729"	2.500"	44F8696	1.58
● 5745135-4	37	Cinch Nut	2.729"	2.500"	16M3313	6.04
● 1658641-2	50	Standard	2.635"	2.406"	42K6669	2.03

ZINC-PLATED PLUGS WITH GROUNDING INDENTS -- FIG. 2

● 205204-9	9	Standard	1.213"	0.984"	16M2875	1.11
● 205206-9	15	Standard	1.541"	1.312"	96K2967	1.58
● 5205208-1	25	Standard	2.088"	1.852"	16M3192	1.43
● 205210-8	37	Standard	2.729"	2.500"	16M2877	2.23
● 1658641-3	50	Standard	2.635"	2.406"	16M2751	3.76

TIN-PLATED RECEPTACLES -- FIG. 3

● 205203-3	9	Standard	1.213"	0.494"	44F8700	0.75
● 1658643-1	9	Clinch Nut	1.213"	0.494"	42K6672	4.75
● 205205-2	15	Standard	1.541"	0.494"	44F8702	0.82
● 1658644-1	15	Cinch Nut	1.541"	1.312"	42K6673	4.18
● 207463-1	25	Standard	2.088"	0.494"	44F8704	0.95
● 207516-5	25	Clinch Nut	2.088"	0.494"	07J2312	4.13
● 205209-2	37	Standard	2.729"	0.494"	44F8706	1.13
● 5207661-3	37	Cinch Nut	2.729"	2.500"	42K7081	6.35
● 1658640-1	50	Standard	2.635"	0.605"	42K6668	2.69

ZINC-PLATED RECEPTACLES -- FIG. 3

● 205203-8	9	Standard	1.213"	0.984"	80K4818	1.27
● 205205-7	15	Standard	1.541"	1.312"	79K1811	1.41
● 5205207-1	25	Standard	2.088"	1.852"	16M3191	1.22
● 205209-7	37	Standard	2.729"	2.500"	16M2876	2.23
● 1658640-2	50	Standard	2.635"	2.406"	16M2750	2.69

(8067)

HDP-20 SNAP-IN TOOLING



CRIMP PINS WITH INSULATION SUPPORT 0.40" (1.02mm) PIN DIAMETER

Mfg. Part No.	Wire Size	Insulation Dia.	Plating*	Stock No.	Price Each
					1-9
● 66507-9	28-24	0.040" (1.02)	A	50B660	0.19
● 1658540-5	28-24	0.040" (1.02)	B	42K6635	0.26
● 1-66507-0*	28-24	0.040" (1.02)	C	89F317	16.62
● 745254-6	26-22	0.050" (1.27)	A	98F7180	0.20
● 66506-9	24-20	0.060" (1.52)	A	98F7062	0.17
● 1658539-3	24-20	0.060" (1.52)	B	89K0288	0.26
● 1-66506-0	24-20	0.060" (1.52)	C	98F9428	0.18
● 1658539-4	24-20	0.060" (1.52)	D	02M1215	0.14

CRIMP SOCKETS WITH INSULATION SUPPORT 0.40" (1.02mm) PIN DIAMETER

● 1-66505-0*	28-24	0.040" (1.02)	C	89F318	18.49
● 745253-6	26-22	0.060" (1.52)	A	90F3660	0.21
● 1658543-1	26-22	0.060" (1.52)	B	87K7679	0.29
● 66504-9	24-20	0.060" (1.52)	A	25C1826	0.18
● 1658537-4	24-20	0.060" (1.52)	B	16M2741	0.29
● 1-66504-0	24-20	0.060" (1.52)	C	90F5542	0.19

* Sold pkg. of 100.

➔ CONTINUED ➔

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engineers.**

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(34658)

HDP-20 SNAP-IN TOOLING (CONT.)

SOLDER POST PINS

Mfg. Part No.	Post Length+	Plating*	Stock No.	Price Each
				1-9
● 4-745287-7	0.427" (10.65)	A	42K6899	0.56

SOLDER POST SOCKETS

● 5-745288-5	0.125" (3.18)	A	16M3177	0.48
● 5-745288-8	0.427" (10.65)	A	42K6946	0.32

*Contact area termination plating: A = gold flash over nickel with (30u) gold on contact mating; B = tin over nickel with (30u) gold on contact mating; C = gold flash over nickel with gold flash on contact mating; D = tin over nickel with gold flash on contact mating; +Length of post extending from rear of HDP-20 metal shell connector

SOLDER CUP TYPE PINS

Mfg. Part No.	Wire Size	Stock No.	Price Each
			1-9
● 66570-3	18	01C1226	0.24

SOLDER CUP TYPE SOCKETS

● 66569-3	18	54H3464	0.28
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TOOLING

Mfg. Part No.	Description	Stock No.	Price Each
58448-2	PRO-CRIMPER™ II Hand Tool with Die Set	44F8730	145.50
354940-1	PRO-CRIMPER™ II Hand Tool without Die Set	96F6512	66.00
58448-3	PRO-CRIMPER™ II Die Set	34B528	111.00
● 91067-2	Pin Insertion/Extraction Tool For Snap-In Contacts	44F8729	7.06

(8069)

SERIES 2
MULTIMATE
CONTACTSSeries 2 Pin
Insulation SupportSeries 2 Socket
Insulation SupportSeries 2 Pin
Solder CupSeries 2 Socket
Solder Cup

Series 2 HDP-20 contacts feature snap-in retention. Contact size: 20. Use with AMPLIMITE® HDP-20 D-sub connectors and CPC circular connectors.

SERIES 2 HDP-20 BRASS PINS — SOLD IN PACKAGES OF 100

Mfr. Part No.	AWG	Contact Mating Area Finish	Insulation Diameter (in.)	Stock No.	Price per Pkg.
					1-4
● 66570-8	18 Max.	Gold	Solder Cup	96F7924	32.22
● 6-66506-1	24-20	Gold	0.06	96F7902	18.25
● 66507-9	28-24	Gold	0.04	46F1117	17.71
● 1-66506-0*	24-20	Gold Flash	0.06	98F9428	0.18

SERIES 2 HDP-20 PHOSPHOR BRONZE SOCKETS — SOLD IN PACKAGES OF 100

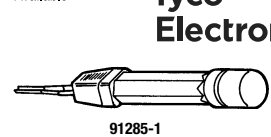
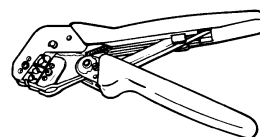
● 1-66569-0	18 Max.	Gold	Solder Cup	92F5795	29.49
● 7-66504-0	24-20	Gold	0.06	96F7922	20.28
● 66505-9*	28-24	Gold	0.04	54H3463	0.21
● 1-66504-0*	24-20	Gold Flash	0.06	90F5542	0.19

SERIES 2 HDP-20 KEYING PLUGS — SOLD INDIVIDUALLY

Mfr. Part No.	Description	Stock No.	Price Each
			1-24
● 206509-1	Keying Plug	87F6584	0.41

* Sold individually.
(87978)

HDP-20 APPLICATION TOOLS



58448-2

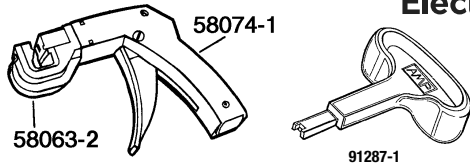
91285-1

Mfg. Part No.	Description	Stock No.	Price Each
● 91067-2	24-20 AWG Insertion/Extraction Tool	44F8729	7.06
91285-1	28-24 AWG Insertion/Extraction Tool	90F1401	14.93
58448-2	PRO-CRIMPER™ II Hand Tool	44F8730	145.50
91503-1	CERTI-CRIMP® Hand Tool	72C5755	510.42

(8070)

D-SUB – CRIMP & POKE CONNECTORS

HDE-20 APPLICATION TOOLS



Two-piece manual pistol-style hand tool consists of **mfg. part no. 58063-2** rotating modular head assembly and **mfg. part no. 58074-1** pistol-grip hand tool frame, *ordered separately*, to terminate one unstripped wire per cycle and index the connector to the next terminating position. **Mfg. part no. 91287-1** is a T-handle wire insertion tool.

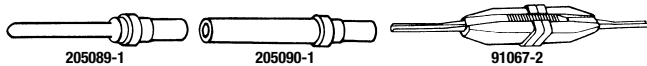
Mfg. Part No.	Description	Stock No.	Price Each
91287-1	Wire Insertion Tool	50F2043	5.21
58074-1	Pistol-Grip Tool Frame	50F783	58.28
58063-2	Modular Head Assembly	50F663	207.90
91232-1	Extraction Tool	50F618	8.10

AMPLIMITE® D-SUB CONNECTOR CONVERSION CHART

Shell Size	HDP-20, HDE-20, HDM-20 Positions/Contacts	HDP-22, HD-22 Positions/Contacts
1	9	15
2	15	26
3	25	44
4	37	62
5	50*	78

*Not available in HDE (8025)

HDM-20 CONTACTS AND TOOLS



Mfg. Part No.	Description	Stock No.	Price per Pkg.
● 205089-1	24-20 AWG Crimp Snap Pin Contacts (Pkg. of 100)	44F8721	31.88
● 205089-1	24-20 AWG Crimp Snap Pin Contacts (Pkg. of 1000)	99F3174	273.24
● 205090-1	24-20 AWG Crimp Snap Socket Contacts (Pkg. of 100)	44F8722	47.61

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
● 91067-2	Insertion/Extraction Tool, 24-20 AWG	44F8729	7.06
601966-1	Crimp Tool, Mil. Spec. M22520/2-01	89F137	653.63
601966-5	Positioner, Mil. Spec. M22520/2-08	92F8446	171.68

(8179)

HDM-20 MIL.-QUALIFIED CONNECTORS



- Mount Front or Rear
- Shell: Class G, Cadmium Plated Per QQ-P-416
- Insert Approved Per MIL-C-24308
- Stainless Steel Retention Springs

Standard D-sub type connectors for military and ground support, computer peripheral equipment, modems and industrial instrumentation. Contacts not included; *order type 205089-1 pin contacts, type 205090-1 socket contacts, and tools separately on this page.*

Mfg. Part No.	MIL No. M24308/	Positions	Width	Stock No.	Price Each
● 1757819-1	4-259	9	1.213"	16M2771	4.71
● 1757819-2	4-260	15	1.541"	16M2772	5.28
● 1757819-3	4-261	25	2.088"	16M2773	5.80
● 1757819-4	4-262	37	2.729"	16M2774	7.60
● 1757819-5	4-263	50	2.635"	16M2775	9.14

RECEPTACLES

● 1757820-1	2-281	9	1.213"	16M2776	4.56
● 1757820-2	2-282	15	1.541"	16M2777	5.28
● 1757820-3	2-283	25	2.088"	16M2778	5.62
● 1757820-4	2-284	37	2.729"	16M2779	7.36
● 1757820-5	2-285	50	2.635"	16M2780	9.41

(8178)

D-SUB CONNECTOR INSTALLER KITS



Kits include connector housing, backshell with grommets, hardware and 24-20 AWG crimp snap-in or 26-22 AWG IDC contacts.

HDP-20 CRIMP SNAP-IN SHIELDED METAL BACKSHELL KITS

Mfg. Part No.	Position	Connector	Stock No.	Price Each
● 749805-7	9	Male	42K7917	4.25
● 749805-8	15	Male	12M7045	6.89
● 749805-9	25	Male	42K7918	10.01
● 749806-7	9	Female	42K7919	5.93
● 749806-8	15	Female	12M7040	7.70

HDP-20 CRIMP SNAP-IN UNSHIELDED PLASTIC BACKSHELL KITS

● 749808-8	9	Male	42K7922	6.20
● 749808-7	25	Male	42K7921	3.74
● 749812-7	9	Female	42K7924	5.85

(8003)

MIL-C-24308 METAL SHELL D-SUBS WITH CRIMP AND POKE TERMINALS



Intermateable with all D-sub shells of comparable pin count and complying dimensionally with MIL-C-24308. Brass plug contacts or phosphor-bronze socket contacts; both machined and feature 50µ" gold over copper plating. Cadmium-plated steel shell with yellow chromate coating. Diallyl phthalate insulator material, per MIL-M-14, Type SDG-F, monoblock construction for improved electrical performance. Discrete cable-to-board; -to-panel; -to-discrete cable. UL recognized.

Mfg. Part No.	Description	Contacts	Stock No.	Price Each
M24308/4-1F	Plug	9	45F844	10.71
M24308/2-1F	Socket	9	45F995	11.92
M24308/4-2F	Plug	15	45F996	15.04
M24308/2-2F	Socket	15	45F997	16.97
M24308/4-3F	Plug	25	45F998	21.31
M24308/2-3F	Socket	25	45F999	25.12
M24308/4-4F	Plug	37	45F1001	28.03

(8741)

SERIES 3 HIGH-RELIABILITY, METAL SHELL D-SUBS WITH CRIMP AND POKE TERMINALS



Ideal for high-reliability applications. Brass plug contacts phosphor-bronze socket contacts; both machined and feature 30µ" gold over nickel plating. Zinc-plated steel shell with yellow chromate coating. UL94V-0 rated glass fiber-filled, diallyl phthalate insulator monoblock construction, for improved electrical performance. Discrete cable-to-board; -to-panel; -to-discrete cable. UL recognized.

Mfg. Part No.	Description	Contacts	Stock No.	Price Each
DEMA-9P	Plug	9	45F825	19.04
DEMA-9S	Socket	9	45F826	19.55
DAMA-15P	Plug	15	45F827	25.52
DAMA15S	Socket	15	45F828	27.49
DBMA-25P	Plug	25	45F829	38.42
DBMA-25S	Socket	25	45F830	39.13

(8747)

D*U SERIES 0.109" (2.77) DENSITY CRIMP AND POKE CONTACTS



Gold-plated machined or stamped crimp and poke contacts for D*U series D-sub connectors *ordered separately on pages 718-719.*

Mfg. Part No.	Description	AWG	Stock No.	Price Each
030-1952-000	Machined - Pin	20-24	45F974	0.59
030-1953-000	Machined - Socket	20-24	45F975	0.83

(8805)

D*U SERIES 0.109" (2.77) DENSITY D-SUB CONNECTORS



Commercial grade metal shell connectors intermate with all existing D-sub shells of comparable pin count. Additional features include withstanding voltage: 1000VAC rms. Operating temperature: -65°C to +105°C. UL94V-0 rated molded glass-filled nylon insulation material. Available with or without crimp and poke contacts plated with gold flash over nickel. Steel shell with zinc plating coated with yellow chromate, except where noted. 0.120" through-hole mount. Discrete cable to board; to panel; to discrete cable. UL recognized. *Order crimp and poke contacts separately on this page.*

D*U SERIES CONNECTORS WITHOUT CONTACTS

Mfg. Part No.	Description	Contacts	Stock No.	Price Each
DEU9PFO	Plug	9	57F3208	1.77
● DEUH-9S-FO	Socket	9	11M3007	2.02
● DAUH-15P-FO	Plug	15	11M2957	2.12

➤ CONTINUED ➤

D-SUB – CRIMP & POKE CONNECTORS

D*U SERIES 0.109" (2.77) DENSITY D-SUB CONNECTORS (CONT.)

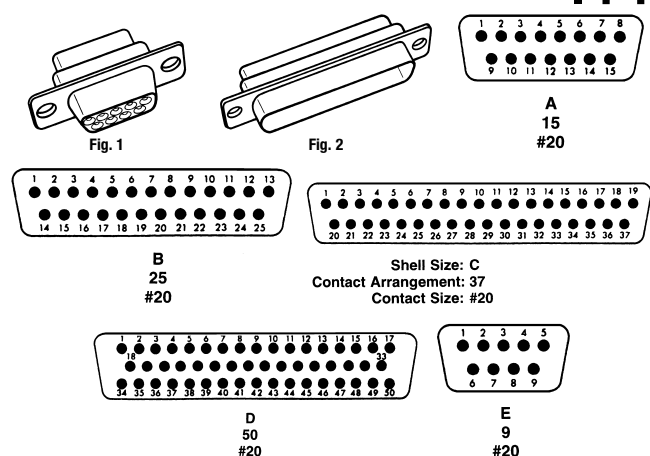
Mfg. Part No.	Description	Contacts	Stock No.	Price Each	
				1-24	25-49
● DAUH-15S-F0	Socket	15	11M2959	2.12	1.81
● DBUH-25P-F0	Plug	25	11M2969	2.40	2.06
● DBU25SFO	Socket	25	57F3213	1.88	1.61
● DCUH-37S-F0	Socket	37	11M2985	2.88	2.48
● DDUH-50P-F0	Plug	50	11M2994	3.08	2.63

D*U SERIES CONNECTORS WITH CRIMP AND POKE MACHINED CONTACTS

● DEUH-9P	Plug	9	11M3004	4.84	4.14
● DEUH-9S	Socket	9	11M3006	6.02	5.16
● DAUH-15P	Plug	15	11M2956	6.72	5.76
● DAUH-15S	Socket	15	11M2958	8.93	7.65
● DBUH-25P	Plug	25	11M1972	10.34	8.85
● DBU25S	Socket	25	57F3223	12.91	11.05
● DCUH-37P	Plug	37	11M2982	14.21	12.17

(8832)

CANNON HIGH-RELIABILITY, MILITARY CRIMP D-SUB CONNECTORS



Feature removable copper alloy contacts plated with 50µ" gold per MIL-G-45204 Type II Grade C Class 1 over copper per MIL-C-14550. Steel shell per ASTM A-620 with yellow chromate over zinc finish and 0.120" (3.15) thru-mount holes. Green insulator per MIL-M-14, type SDG-F. Accommodate wire from 18-30 AWG. Current rating: 20 AWG, 5A. Receptacles include socket contacts, plugs include pin contacts. To order yellow chromate over cadmium, add suffix F to end of mfg. part no.

CRIMP RECEPTACLES — FIG. 1

Mfg. Part No.	Shell Size	Contacts	Stock No.	Price Each	
				1-24	25-49
M24308/2-1	E	9	93F8873	10.05	8.53
M24308/2-2	A	15	93F8875	12.75	10.83
M24308/2-3	B	25	93F8877	18.07	15.35
M24308/2-4	C	37	96F3623	20.61	18.12
M24308/2-5	D	50	96F3625	23.20	20.41

CRIMP PLUGS — FIG. 2

M24308/4-1	E	9	93F8872	13.72	11.66
M24308/4-2	A	15	93F8874	12.43	10.56
M24308/4-3	B	25	93F8876	23.61	20.05
M24308/4-4	C	37	96F3624	25.78	21.90
M24308/4-5	D	50	96F3626	29.33	23.42

CABLE PLUG – MIL-PRF24308

Mfg. Part No.	Shell Size	Contacts	Stock No.	Price Each	
				1-24	25-49
M24308/3-2	DA	15	90B2738	8.27	7.02

HIGH RELIABILITY CRIMP CONTACTS

Size 20 pin copper alloy contacts accommodate 20, 22, 24 AWG wire. Plated 50µ" gold per MIL-G-45204 Type II Grade C Class 1 over copper per MIL-C-14550.

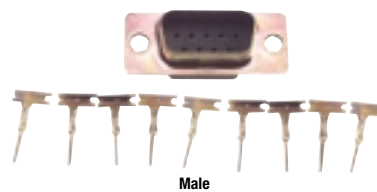
Mfg. Part No.	Contact	Stock No.	Price Each	
			1-24	25-49
980-0008-875	Pin	36K2924	1.39	1.18
M39029-64-369	Pin	01C2726	0.79	0.67
031-1007-042	Socket	38C6716	0.52	0.44
031-1147-000	Socket	91B4278	0.55	0.47
330-5291-000	Socket	24C8532	0.32	0.27

(8808)

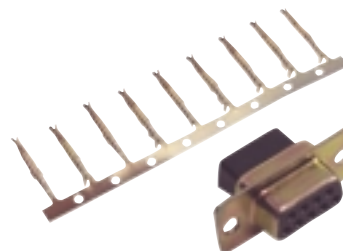
D-SUB CONNECTORS WITH CRIMP-STYLE STAMPED CONTACTS



VOLTREX® brand



Male



Female

Intermate with all existing comparable style connectors. Steel shell with yellow chromate plating. Black, glass-filled thermoplastic insulator. Insulator resistance: 1000MΩ @ 500VAC. Current pin rating: 5A. Crimp-style pin and socket contacts are supplied loose with connector. Contact diameter: 0.040". Hold up to 20 AWG wire.

SELECTIVE GOLD-PLATED (5µ") CONTACTS

Mfg. Part No.	Description	Pins	Stock No.	Price Each			
				1-24	25-49	50-99	100-499
● SPC15458	Male	9	79K5033	2.05	1.74	1.57	1.41
● SPC15462	Female	9	79K5036	2.06	1.74	1.58	1.42
● SPC15350	Male	15	79K4940	2.54	2.16	1.95	1.75
● SPC15308	Female	15	79K4902	2.63	2.23	2.01	1.81
● SPC15448	Male	25	79K5025	3.34	2.83	2.55	2.29
● SPC15404	Female	25	79K4986	3.34	2.83	2.55	2.29
● SPC15312	Male	37	79K4906	6.15	5.21	4.70	4.23
● SPC15373	Female	37	79K4957	6.25	5.30	4.78	4.30
● SPC15262	Male	50	79K4859	10.41	8.82	7.97	7.16
● SPC15311	Female	50	79K4905	10.97	9.29	8.39	7.54

SELECTIVE GOLD FLASH ON CONTACTS

● SPC15389	Male	9	79K4972	1.50	1.27	1.15	1.03
● SPC15376	Female	9	79K4960	1.57	1.33	1.20	1.08
● SPC15172	Male	15	79K4776	1.97	1.67	1.51	1.35
● SPC15138	Female	15	79K4751	2.09	1.77	1.60	1.44
● SPC15272	Male	25	79K4869	2.74	2.32	2.10	1.88
● SPC15209	Female	25	79K4811	2.92	2.47	2.23	2.01
● SPC15177	Male	37	79K4780	5.04	4.27	3.85	3.46
● SPC15175	Female	37	79K4779	5.32	4.51	4.07	3.66
● SPC15200	Male	50	79K4802	9.44	8.00	7.23	6.49
● SPC21095	Female	50	10M8346	9.23	7.82	7.07	6.35

(8793)

STANDARD CRIMP-STYLE STAMPED CONTACTS



VOLTREX® brand



Socket (Female)



Pin (Male)

Crimp contacts for D-subminiature connectors have snap-in pin diameter of 0.040". Wire size 20 to 24 AWG. Contact material: brass. Plating: brass with 7µ" gold. Sold in packages of 100.

Mfg. Part No.	Description	Stock No.	Price per Pkg.	
			1-24	25-49
● SPC15395	Pin	79K4978	11.34	9.64
● SPC15421	Socket	79K5002	12.48	10.61

(8794)

CONNECTORS & ACCESSORIES

● Indicates RoHS Compliant

D-SUB – CRIMP & POKE CONNECTORS

HIGH-DENSITY CRIMP-STYLE STAMPED CONTACTS

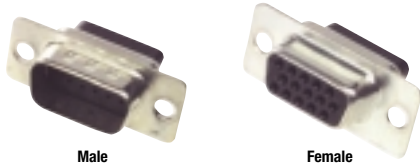


Crimp contacts for D-subminiature connectors have a snap-in pin diameter of 0.030". Wire size 20 to 24 AWG. Contact material: pins are brass; sockets are phosphor bronze. Plating: pins and sockets, gold flash over 3µ" nickel on entire contact. Additional gold plating on the mating end for lengths of 0.15" min. on pins, 0.100" min. on sockets. **Sold in packages of 100.**

Mfg. Part No.	Description	Stock No.	Price per Pkg.	
			1-24	25-49
● SPC15398	Pin	79K4981	7.59	6.46
● SPC15384	Socket	79K4967	9.15	7.78

(8795)

HIGH-DENSITY CRIMP-TYPE D-SUB CONNECTORS



Contact spacing as close as 0.95" in various contact positions. Glass fiber reinforced housing, rated UL94V-0. Steel shell with tin plating. Phosphor bronze contacts are gold-plated over nickel. Wire size: 24 to 20AWG. Operating temperature range: -55°C to +105°C. *Order contacts separately on this page.*

Mfg. Part No.	Description	Pins	Stock No.	Price Each			
				1-24	25-49	50-99	100-499
● SPC15431	Male	15	79K5011	2.30	1.96	1.77	1.58
● SPC15367	Female	15	79K4953	2.64	2.25	2.04	1.81
● SPC15255	Male	26	79K4852	5.64	4.79	4.34	3.86
● SPC15252	Female	26	79K4849	6.52	5.54	5.01	4.46
● SPC15297	Male	44	79K4891	7.34	6.24	5.65	5.03
● SPC15235	Female	44	79K4834	7.94	6.74	6.11	5.44
● SPC15155	Male	62	79K4763	9.58	8.14	7.37	6.56
● SPC15244	Female	62	79K4841	10.16	8.64	7.82	6.96
● SPC15213	Male	78	79K4815	21.79	18.51	16.77	14.93
● SPC15247	Female	78	79K4844	27.24	23.14	20.96	18.66

(8792)

D-SUB CONNECTOR CRIMP TOOL KIT

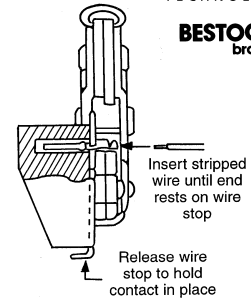


Mfg. part no. 8455-0662 D-Sub kit includes a crimp tool frame and pre-packaged D-subminiature contacts. Ergonomic tool design features a full-cycle mechanism which allows crimps to conform to industry standards. Easy-load positioner provides proper contact orientation. Kit includes crimp tool with positioner, 100 D-subminiature pins, 100 D-subminiature sockets and a foam insert in a durable plastic storage case.

Mfg. Part No.	Stock No.	Price Each	
		1-4	5-9
8455-0662	16N1881	309.59	

(8842)

CRIMP TOOL FOR STANDARD D-SUB CONTACTS



3-STEP CRIMP

1. Insert contact into locator. 2. Close tool carefully until connector is held in place without distorting ears. Insert stripped wire. Squeeze handles. 3. Raise locator and remove contact.

All crimp configurations are fully machined to maintain tolerances to industry standards. Straight-line jaw closure provides consistent crimp. Wide cushion grips provide user-friendly feel. Locator and wire-stop properly orient contacts. Crimps conductor and insulator portions of contacts in one closure. Heat treated for extended use. For open-barrel contacts in 30-20 AWG wire sizes. Rated at 5000 cycles.

Mfg. Part No.	Stock No.	Price Each
		1-4
CT-200-DC-01	90N3314	74.09

(8884)

OPEN-BARREL CRIMP TOOLS



Crimp tools have full cycle ratcheting action for precise termination of open-barrel contacts. Mfg. part no. 1748 has two crimping nests for AMP® D-Sub sizes 28-24 and 24-20 AWG. Mfg. part no. 1749 has 3 crimping nests for AMP® Multimate contacts 24-20, 18-16, and 28-24 AWG. A contact support and wire stop are provided. Locator and wire stop are provided. Both tools crimp wire and insulation in a single action.

Mfg. Part No.	Description	For Contacts	AWG	Stock No.	Price Each
					1-4
1748	Crimp Tool	AMP® D-Sub (RS-232)	28-20	92N3743	158.76
1749	Crimp Tool	AMP® Multimate	28-16	92N3744	158.76

(18632)

HIGH-DENSITY D-SUB CONNECTOR CRIMP TOOL

Crimps high-density D-subminiature pin and socket open-barrel contacts. Locator and wire-stop provide proper orientation during crimping. Conductor crimps are B-type. Insulation crimps are oval type, produced in two cavities: A is 22-26 AWG, B is 28-30 AWG. Other crimp tools available; go online or call.



Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	5-9
CTT8424-01	Crimp Tool	92N8961	168.97	136.65

(12829)

ORIGINAL POKE-HOME® SOLDER-TYPE AND CRIMP-TYPE D-SUB CONNECTORS



Both solder and crimp type contacts are gold-over-nickel plated, copper alloy, rated 7.5 amps. Operating temperature range: -55°C to +125°C.



SOLDER-TYPE D-SUB CONNECTORS

Mfg. Part No.	Contacts	Description	Stock No.	Price Each	
				1-24	25-49
● 17-20090	9	Plug	39F1370	5.63	5.00
● 17-20150	15	Plug	39F1371	11.93	10.60
● 17-20250	25	Plug	39F1372	12.40	11.02
● 17-20370	37	Plug	39F1373	24.73	21.98
● 17-10090	9	Receptacle	39F1360	9.34	8.30
● 17-10150	15	Receptacle	39F1361	12.78	11.36
● 17-10250	25	Receptacle	39F1362	19.22	17.08
● 17-10370	37	Receptacle	39F1363	26.58	23.62

➤ CONTINUED ➤

D-SUB – CRIMP & POKE CONNECTORS • D-SUB – COMBO LAYOUT CONNECTORS

ORIGINAL POKE-HOME® SOLDER-TYPE AND CRIMP-TYPE D-SUB CONNECTORS (CONT.)

CRIMP-TYPE D-SUB CONNECTORS

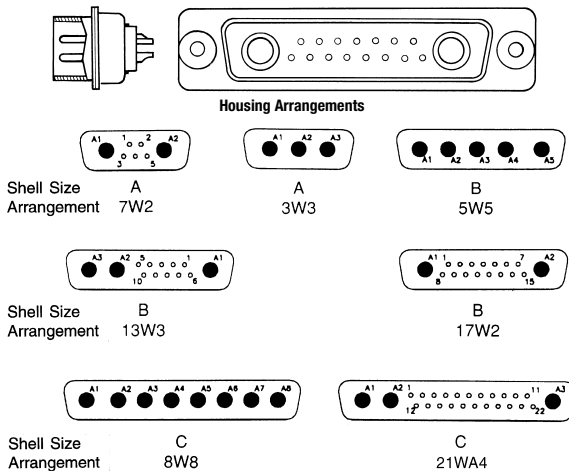
Mfg. Part No.	Contacts	Description	Stock No.	Price Each	
				1-24	25-49
● 17-20090-1	9	Plug	10F7879	6.84	6.08
● 17-20150-1	15	Plug	10F7880	8.51	7.56
● 17-20250-1	25	Plug	10F7881	12.40	11.02
● 17-10090-1	9	Receptacle	10F7884	13.10	11.64
● 17-10150-1	15	Receptacle	10F7885	12.78	11.36
● 17-10250-1	25	Receptacle	10F7886	19.22	17.08

(9009)

17TW SERIES D-SUB HYBRID CABLE CONNECTORS



Amphenol Commercial Products



Combination (hybrid) D-subminiature metal shell cable connectors feature installed, non-removable screw-machine solder cup signal contacts combined with power and coaxial contacts, *order separately on this page*. Tin-plated steel shell. Gold over nickel-plated bronze female signal contacts or brass male signal contacts are fixed in the high-temperature, black thermoplastic insulator. Panel mount 0.122" diameter holes. Current rating: 7.5 amps with 10 amp peaks. Voltage rating: 300Vrms at 50Hz. Dielectric withstanding voltage: 1000Vrms at 50Hz. Insulation resistance: 5000 megohms at 500VDC. Operating temperature: -55°C to +155°C with peaks up to 180°C. Flame retardant to UL94V-0. Choice of 3 shell sizes and 7 housing arrangements. UL listed, CSA certified.

TINNED PLUGS WITH INDENTS

Mfg. Part No.	Contacts* Signal/Power or Coax	Arrangement	Shell Size	Stock No.	Price Each	
					1-24	25-99
● L717TA7W2P	5/2	7W2	A	01M1523	4.40	3.42
● L717TA3W3P	0/3	3W3	A	88K3021	2.58	2.01
● L717WB5W5P	0/5	5W5	B	01M1562	2.87	2.23
● L717WB13W3P	10/3	13W3	B	86K8391	5.39	4.19
● L717WB17W2P	15/2	17W2	B	01M1550	7.01	5.45
● L717WC21WA4P	17/4	21WA4	C	01M1601	7.67	5.97
● L717WC8W8P	0/8	8W8	C	87K1007	3.73	2.90

TINNED RECEPTACLES WITHOUT INDENTS

Mfg. Part No.	Contacts* Signal/Power or Coax	Arrangement	Shell Size	Stock No.	Price Each	
					1-24	25-99
● L777TA7W2S	5/2	7W2	A	01M2605	6.27	4.88
● L777TA3W3S	0/3	3W3	A	01M2584	2.15	1.67
● L777WB5W5S	0/5	5W5	B	01M2654	2.97	2.31
● L777WB13W3S	10/3	13W3	B	99K5390	7.96	6.19
● L777WB17W2S	15/2	17W2	B	01M2637	9.72	7.56
● L777WC21WA4S	17/4	21WA4	C	01M2694	10.59	8.24
● L777WC8W8S	0/8	8W8	C	99K5383	3.03	2.36

* Contacts: size 20 signal, size 8 power or coax (8301)

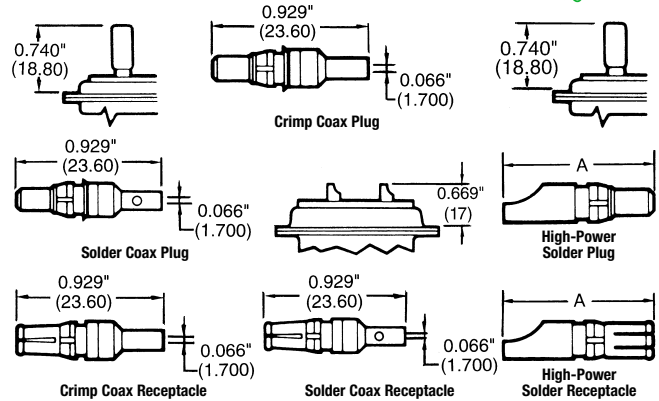
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Learn about China RoHS, US/Canadian green laws & free RoHS compliance tools. Visit www.newark.com/rohs

(94635)

17TW SERIES COAX AND HIGH-POWER REMOVABLE CONTACTS FOR D-SUB CABLE CONNECTORS

Amphenol Commercial Products



17TW series coax and high-power contacts (size 8) for use in combination (hybrid) D-subminiature cable connectors, *order separately on this page*. Machined copper alloy female contacts, machined brass male contacts. Both feature gold over nickel plating. Straight coax contacts available crimp or solder. Impedance: 50 ohms. Current rating: 0.5A. Voltage rating: 150Vrms at 50Hz. Frequency range: 0-1GHz. High-power contacts are solder type. Current rating: 10 to 40A. Voltage rating: 300Vrms at 50Hz.

STRAIGHT CRIMP COAX CONTACTS — 50 OHM, RG/U CABLE 179B/316B

Mfg. Part No.	Description	Stock No.	Price Each			
			1-24	25-99	100-249	250-499
● L17DM537401	Plug	99K7787	8.08	7.28	6.07	4.87
● L17DM537421	Receptacle	99K7803	10.44	9.40	7.84	6.28

STRAIGHT SOLDER COAX CONTACTS — 50 OHM, RG/U CABLE 179B/316B

Mfg. Part No.	Description	Stock No.	Price Each			
			1-24	25-99	100-249	250-499
● L17DM537405001	Plug	99K7791	9.75	8.78	7.33	5.87
● L17DM537425001	Receptacle	93K7169	10.44	9.40	7.84	6.28

HIGH-POWER SOLDER CONTACTS — PLUGS

Mfg. Part No.	Dim. A	Amp Rating	Wire Size	Stock No.	Price Each			
					1-24	25-99	100-249	250-499
● L17DM53745-1	0.866"	40	#8	87K6825	2.94	2.65	2.21	1.77
● L17DM537457	0.866"	20	#12	99K7832	2.70	2.43	2.03	1.63
● L17DM53745-8	0.866"	10	#16	89K7392	2.84	2.56	2.13	1.71

HIGH-POWER SOLDER CONTACTS — RECEPTACLES

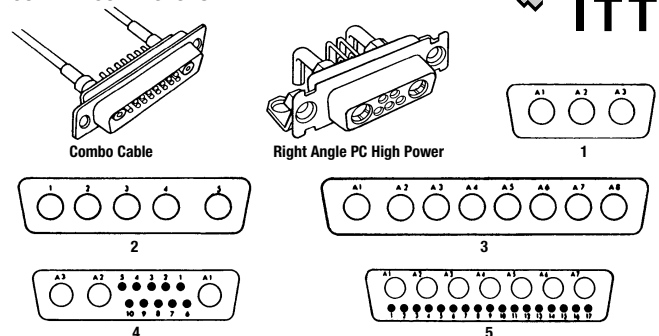
Mfg. Part No.	Dim. A	Amp Rating	Wire Size	Stock No.	Price Each			
					1-24	25-99	100-249	250-499
● L17DM537441	0.854"	40	#8	99K7817	4.77	4.29	3.58	2.87
● L17DM537446	0.854"	20	#12	99K7824	4.83	4.35	3.63	2.91
● L17DM53744-7	0.854"	10	#16	89K7393	5.29	4.76	3.98	3.19

HIGH-POWER CRIMP CONTACT — RECEPTACLE

Mfg. Part No.	Dim. A	Amp Rating	Wire Size	Stock No.	Price Each			
					1-24	25-99	100-249	250-499
● L17DM53744201	0.866"	40	#8	99K7818	3.54	3.19	2.66	2.13

(8343)

CANNON COMBINATION D-SUB/ COAXIAL CONNECTORS



Integrate signal, 50-ohm coax, high power and high voltage with signal in the same package. Tin-finished steel shells with 94V-0 thermoplastic. Signal contact current rating: 7.5 amps. Right angle, PC board version comes complete with fixed coax or high power contacts installed. Meets MIL-PRF-24308 industry specifications. Combo cable connectors require high power or coax contacts *order separately on page 722*.

COMBO CABLE

Mfg. Part No.	Contact Config.	Description	Stock No.	Price Each
				1-49
DAM3W3SA197	1	Receptacle	93F8904	2.23
DBM5W5SA197	2	Receptacle	93F8905	2.26
DBM13W3SA197	4	Receptacle	93F8906	5.56

➤ CONTINUED ➤

D-SUB – COMBO LAYOUT CONNECTORS • D-SUB – DISCRETE WIRE IDC CONNECTORS

CANNON COMBINATION D-SUB/COAXIAL CONNECTORS (CONT.)

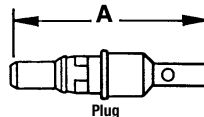
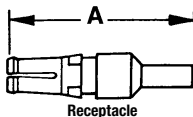
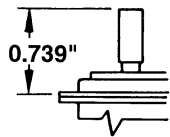
Mfg. Part No.	Contact Config.	Description	Stock No.	Price Each	
				1-49	
DCM8W8SA197	3	Receptacle	93F8907	5.53	
DDM24W7SA197	5	Receptacle	93F8908	9.60	
DAM3W3PK87	1	Plug	93F8909	2.52	
DBM5W5PK87	2	Plug	93F8910	2.37	
DBM13W3PK87	4	Plug	93F8911	4.49	
DCM8W8PK87	3	Plug	93F8912	2.69	
DDM24W7PK87	5	Plug	93F8913	7.07	

RIGHT ANGLE PC HIGH POWER

Mfg. Part No.	Contact Config.	Description	Stock No.	Price Each	
				1-24	
DAMC3H3PK87	1	Plug	93F8924	16.74	

(8715)

CANNON COMBINATION D-SUB/COAXIAL CONTACTS



- Size 8 contacts
- Commercial applications
- Contact plating: gold over nickel

- Current rating: 5A
- Temperature range: -55°C to +125°C

50-OHM STRAIGHT SOLDER/CRIMP RG316

Mfg. Part No.	Description	Dim. A	Stock No.	Price Each	
				1-49	50-99
DM53740-1	Plug	.945/.915"	47M0068	5.29	4.48
DM53742-1	Receptacle	.965/.917"	47M0072	5.52	4.67

50-OHM STRAIGHT SOLDER/SOLDER RG316

DM53740-5001	Plug	.945/.915"	47M0071	4.60	3.89
DM53742-5001	Receptacle	.965/.917"	93F3696	6.01	5.09

75-OHM STRAIGHT CRIMP/CRIMP

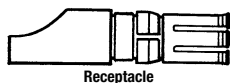
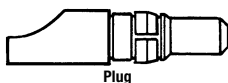
Mfg. Part No.	Description	Dim. A	Stock No.	Price Each	
				1-24	25-99
D130322-2	Plug	.865"	16F015	3.27	3.01
D130344-1	Receptacle	.865"	16F016	3.54	3.25

75-OHM CRIMP/CRIMP 30μ"

D130322-1	Plug	.865"	16F017	2.62	2.40
D130344	Receptacle	.865"	16F018	3.59	3.30

(8716)

CANNON COMBINATION D-SUB/HIGH-POWER SOLDER-TYPE CONTACTS



- Size 8 contacts
- Commercial applications

- Contact plating: gold over nickel
- Temperature range: -55°C to +125°C

Overall plug length: 0.866" (22); diameter 0.142" (3.61). Overall receptacle length: 0.856" (21.74).

CONTACTS

Mfg. Part No.	Current (A)	Contact Type	Wire Size (AWG)	Stock No.	Price Each	
					1-49	50-99
DM130340-4*	10	Plug	#16	74C0474	1.65	1.40
DM53745-1.	40	Plug	#8	93F8826	1.52	1.28
DM53745-7.	20	Plug	#12	93F8827	1.57	1.33
DM53745-8.	10	Plug	#16	93F8813	1.70	1.44
DM53744-1	40	Receptacle	#8	47M0075	4.45	3.79
DM53744-6	20	Receptacle	#12	47M0078	3.25	2.75
DM53744-7	10	Receptacle	#16	47M0079	2.56	2.17

*Crimp contact

TOOLS

Mfg. Part No.	Description	Stock No.	Price Each
			1-9
CET-C68-2	Extraction Tool for coaxial, high-power and high-voltage contacts	16F022	95.18

(8717)

AMPLIMITE® 0.050" SERIES III PANEL MOUNT RECEPTACLES



- Black Thermoplastic Housing and Termination Covers
- Rated UL94V-0
- Shell: Steel, Plated Bright Tin Over Copper
- Bracket: Zinc, Plated Nickel Over Copper

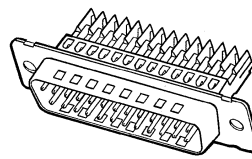
Receptacle assemblies without rails, with latch blocks. Contacts: phosphor bronze, plated 30μ" min. gold on mating end; 50μ" min. bright tin-lead on termination end; all 50μ" min. nickel underplated.



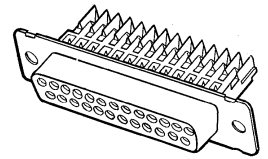
Mfg. Part No.	Positions	Stock No.	Price Each	
			1-9	10-24
1-749656-1	50	16M2683	15.34	12.57
1-749656-2	68	52K3344	19.83	16.26

(40973)

HDE-20 IDC CONNECTORS



Metal-Shell Plug



Metal-Shell Receptacle

- Rated UL94V-0
- Tin-Lead Plating on Termination End Over Nickel Underplating

Designed for terminating solid or up to 7-strand discrete wire and jacketed cable. Choice of tin-plated steel shell with thermoplastic insert or complete thermoplastic housing. Pre-loaded insulation displacement phosphor bronze crimp contacts finished with gold on mating end. UL recognized, CSA certified. Order application tools separately on page 718.

METAL-SHELL PLUGS WITH GROUNDING INDENTS FOR 30-26 AWG WIRE

Mfg. Part No.	Mating End Plating	Contacts	Width	Stock No.	Price Each
					1-9
1-745492-7	30μ" Gold	9	1.213"	16M2674	3.54
1-745494-7	30μ" Gold	15	1.541"	42K6570	5.56
1-745496-9	30μ" Gold	25	2.088"	16M2678	7.42
1-745498-6	30μ" Gold	37	2.729"	42K6571	10.31

METAL-SHELL RECEPTACLES FOR 30-26 AWG WIRE

1-745491-6	30μ" Gold	9	1.213"	16M2673	7.71
1-745493-6	30μ" Gold	15	1.541"	42K6568	9.55
1-745495-7	30μ" Gold	25	2.088"	16M2677	8.19
745497-1	30μ" Gold	37	2.729"	90F3678	17.24

METAL-SHELL PLUGS WITH GROUNDING INDENTS FOR 26-22 AWG WIRE

1-745492-8	30μ" Gold	9	1.213"	42K6565	3.60
1-745494-5	30μ" Gold	15	1.541"	42K6569	5.24
1-745494-6	Gold Flash	15	1.541"	16M2676	10.60
1-745496-7	30μ" Gold	25	2.088"	42K8648	6.14
1-745496-8	Gold Flash	25	2.088"	42K8649	5.75

METAL-SHELL RECEPTACLES FOR 26-22 AWG WIRE

1-745491-7	30μ" Gold	9	1.213"	42K6561	4.35
1-745491-8	Gold Flash	9	1.213"	42K6562	7.23
1-745493-4	30μ" Gold	15	1.541"	42K6567	5.97
1-745493-5	Gold Flash	15	1.541"	16M2675	11.66
1-745495-8	30μ" Gold	25	2.088"	42K8647	9.54
2-745495-0	Gold Flash	25	2.088"	16M2851	20.29

ALL-PLASTIC PLUGS FOR 26-22 AWG WIRE

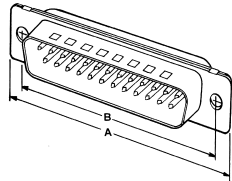
745203-9	30μ" Gold	9	1.213"	16M4074	4.06
745207-7	30μ" Gold	15	1.541"	02M5649	9.12
745211-7	30μ" Gold	25	2.088"	16M3426	6.87

ALL-PLASTIC RECEPTACLES FOR 26-22 AWG WIRE

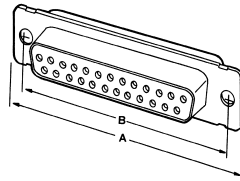
745201-7	30μ" Gold	9	1.213"	42K7903	6.58
745205-7	30μ" Gold	15	1.541"	42K7905	4.95
745209-7	30μ" Gold	25	2.088"	16M3425	12.04

(8161)

D-SUB – DISCRETE WIRE IDC CONNECTORS

HDP-20 SOLDER CUP
CONNECTORS WITH
PRE-LOADED CONTACTS

Plug with Grounding Indents



Receptacle

Steel Shell with tin plating. Connector inserts are UL94V-0 rated black thermoplastic. Pre-loaded non-removable solder cup contacts are phosphor bronze with duplex gold flash on mating end; tin on solder cup. Accept 20 AWG or smaller solid or stranded wire. Fit 0.062" (1.57) thick PC board. UL recognized file E28476, CSA certified.

TIN PLATED PLUGS WITH GROUNDING INDENTS

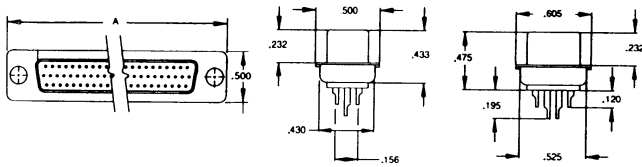
Mfg. Part No.	Contacts	Shell Size	Dimensions		Stock No.	Price Each		
			A	B		1-24	25-99	
5-747904-2	9	1	1.210"	0.984"	52K3762	3.30	2.75	
5-747908-2	15	2	1.544"	1.313"	79K3495	2.85	2.38	
5-747912-2	25	3	2.089"	1.853"	79K3497	3.96	3.30	
5-747916-2	37	4	2.734"	2.502"	79K3499	7.44	6.20	

TIN PLATED RECEPTACLES

5-747905-2	9	1	1.210"	0.984"	78K6626	2.85	2.38	
5-747909-2	15	2	1.544"	1.313"	79K3496	5.10	4.25	
5-747913-2	25	3	2.089"	1.853"	79K3498	4.65	3.88	
5-747917-2	37	4	2.734"	2.502"	79K3500	9.15	7.63	

RECEPTACLES, CLINCH NUT, 4-40 UNC

5-747905-7	9	1	1.210"	1.313"	52K3763	9.12	7.60	
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HIGH-DENSITY
D-SUB CONNECTORSAmphenol
Commercial Products

15-62 position connectors have 3 rows, 78 position has 4 rows. 17HD series cable mount D-Subs with straight solder cup termination. Fixed contacts plated gold flash over nickel in engagement area. Accept 22 AWG wire. Clear hole panel mount. Feature copper alloy contacts with tin/lead over nickel plating on termination end. 0.100" (2.54) staggered spacing. Current rating: 5A. Voltage rating: 125VAC. Tin-plated steel shell has grounding indents on plugs. Black thermoplastic resin dielectric, rated UL94V-0. Dielectric withstanding voltage: 500VAC. Order backshells separately on pages 732-733.

17HD SERIES SOLDER CUP PLUGS

Mfg. Part No.	Contacts	Dim. A	Stock No.	Price Each			
				1-24	25-99	100-249	250-499
17EHD015PAA000	15	1.215"	04M1518	2.59	2.02	1.85	1.79
17EHD026PAA000	26	1.539"	04M1528	3.65	2.84	2.60	2.52
17EHD044PAA000	44	2.088"	31M1400	3.88	3.02	2.77	2.68
17HD062PAA000	62	2.738"	84F2103	4.52	3.52	3.22	3.11
17HD078PAA000	78	2.630"	84F2104	7.11	5.53	5.06	4.90

17HD SERIES SOLDER CUP SOCKETS

17EHD015SAA000	15	1.215"	87K2387	2.74	2.13	1.95	1.89
17HD026SAA000	26	1.539"	84F2106	2.36	1.84	1.68	1.62
17HD044SAA000	44	2.088"	84F2107	2.74	2.13	1.95	1.89
17HD062SAA000	62	2.738"	84F2108	4.37	3.40	3.11	3.01
17HD078SAA000	78	2.630"	84F2118	7.89	6.14	5.62	5.44

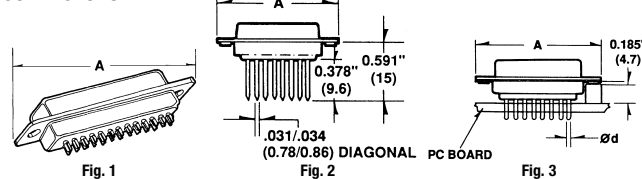
17D SERIES
D-SUB
CONNECTORSAmphenol
Commercial Products

Fig. 1

Fig. 2

Fig. 3

PC BOARD
CONTINUED

17D SERIES D-SUB CONNECTORS (CONT.)

Rack and panel D-sub connectors for industrial use. Male and female brass, fixed screw machined contacts, both gold over nickel plated. Solder cup, solderless wire wrap, or straight PC solder mount termination. Yellow chromate plated zinc shell. 2-piece black thermoplastic dielectric insert, rated UL94V-0. 0.122" (3.10) diameter mounting holes. Voltage rating: 300Vrms to 50Hz. Current rating: 7.5A. Wire: 20 AWG. Operating temperature: -55°C to +105°C. UL recognized E130160.

SOLDER CUP TERMINATION WITH PIN CONTACTS – FIG. 1

Mfg. Part No.	Contacts	Dim. A (in.)	Stock No.	Price Each			
				1-24	25-99	100-249	250-499
L717DE09P	9	1.209	88K0572	3.05	2.88	2.71	2.54
L717DA15P	15	1.535	01M0599	3.37	3.18	3.00	2.81
L717DB25P	25	2.083	82K7623	4.56	4.31	4.05	3.80
L717DC37P	37	2.724	01M0735	7.46	7.04	6.63	6.21
L717DD50P	50	2.630	01M0777	10.57	9.98	9.40	8.81

SOLDER CUP TERMINATION WITH SOCKET CONTACTS – FIG. 1

L77DE09S	9	1.209	01M1858	3.19	3.01	2.84	2.66
L77DA15S	15	1.535	87K2385	4.23	4.00	3.76	3.53
L77DB25S	25	2.083	01M1729	6.16	5.82	5.48	5.13
L77DC37S	37	2.724	01M1785	10.23	9.66	9.09	8.52
L77DD50S	50	2.630	01M1824	17.07	16.12	15.17	14.22

WIRE WRAP TERMINATION WITH PIN CONTACTS (2 WRAPS) – FIG. 2

L717DE09PF179	9	1.209	01M0826	10.48	9.90	9.32	8.73
17DA159F179	15	1.535	81F5181	9.17	8.66	8.15	7.64
L717DB25PF179	25	2.083	88K0435	12.33	11.65	10.96	10.28
17DC37PF179	37	2.724	81F5183	12.37	11.68	10.99	10.99

WIRE WRAP TERMINATION WITH SOCKET CONTACTS (2 WRAPS) – FIG. 2

L77DE09SF179	9	1.209	01M1870	10.84	10.24	9.64	9.03
L77DA15SF179	15	1.535	86K8364	12.69	11.99	11.28	10.58
L77DB25SF179	25	2.083	01M1744	16.02	15.13	14.24	13.35
17DC37SF179	37	2.724	81F5186	19.09	18.03	16.97	15.91

STRAIGHT PC TERMINATION WITH PIN CONTACTS, TAIL LENGTH 0.126" (3.2) DIAMETER 0.024" (0.6) – FIG. 3

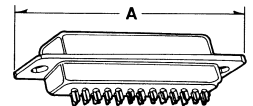
L717DE09PU	9	1.209	82K9142	2.67	2.52	2.37	2.22
L717DA15PU	15	1.535	82K9144	3.12	2.95	2.77	2.60
L717DB25PU	25	2.083	01M0696	4.41	4.17	3.92	3.68
L717DC37PU	37	2.724	01M0749	7.24	6.84	6.44	6.03
L717DD50PU	50	2.630	01M0788	10.57	9.98	9.40	8.81

STRAIGHT PC TERMINATION WITH SOCKET CONTACTS, TAIL LENGTH 0.126" (3.2) DIAMETER 0.024" (0.6) – FIG. 3

L77DE09SU	9	1.209	01M1883	3.50	3.30	3.11	2.91
L77DA15SU	15	1.535	80K9751	5.12	4.83	4.55	4.26
L77DB25SU	25	2.083	01M1760	6.57	6.21	5.84	5.48
L77DC37SU	37	2.724	87K2053	10.88	10.27	9.67	9.06
L77DD50SU	50	2.630	01M1836	16.29	15.39	14.48	13.58

17S SERIES D-SUB
CONNECTORSAmphenol
Commercial Products

Economical rack and panel D-sub connectors feature fixed precision formed, gold over nickel plated copper alloy contacts for commercial use. Solder cup termination. Same specifications as 17D series D-Subs, ordered separately on this page.



PIN CONTACTS

Mfg. Part No.	Contacts	Dim. A (in.)	Stock No.	Price Each			
				1-24	25-99	100-249	250-499
G17S0910110EU	9	1.209	96K5470	0.61	0.48	0.44	0.42
G17S1510110EU	15	1.535	03M8098	0.83	0.65	0.59	0.57
G17S2510110EU	25	2.083	96K5472	1.00	0.78	0.71	0.69
G17S3710110EU	37	2.724	03M8101	1.92	1.50	1.37	1.32
G17S5010110EU	50	2.630	01M1371	4.45	3.46	3.17	3.06

SOCKET CONTACTS

G17S0900110EU	9	1.209	96K5471	0.73	0.57	0.52	0.51
G17S1500110EU	15	1.535	03M8097	0.90	0.70	0.65	0.62
G17S2500110EU	25	2.083	03M8099	0.95	0.74	0.68	0.66
G17S3700110EU	37	2.724	03M8100	1.85	1.44	1.32	1.27
G17S5000110EU	50	2.630	96K5468	2.85	2.22	2.03	1.96

D-SUB – DISCRETE WIRE IDC CONNECTORS

0.050" (1.27) PITCH ULTI-MATE™
COMMERCIAL MICRO-D CABLE
RECEPTACLES/PLUGS

molex®



- Current: 3.0A
- Contact Resistance: 8mΩ max.
- Operating Temperature: -55° to +125°C

83422-83424, 83611-83612-83614 series economical solution for commercial applications that require the density of a microminiature connector, housing nickel-plated 1008LC steel, insulator material LCP. 83422-83424 series "crimp and poke" configuration designed for hand or semi-automatic crimping, contact socket-gold plated copper alloy. 83611-83612-83614 series rugged commercial designed with a metal interface and grounding tabs for improved mechanical and electrical shield conditions, contact pin gold plated beryllium copper. UL listed.

83422-83424 SERIES CABLE RECEPTACLES

Mfg. Part No.	Circuits	Length (in.)	Stock No.	Price Each
				1-24
● 83422-9014	15	0.935	95H9814	11.71

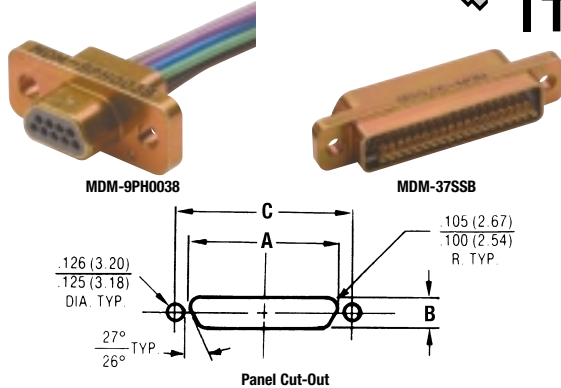
83611-83612-83614 SERIES RIGHT ANGLE PLUGS

● 83611-9006	9	0.785	95H9816	11.10
● 83612-9020	15	0.935	95H9817	14.42
● 83614-9012	25	1.185	18M8288	15.53

83000 SERIES TERMINALS

Mfg. Part No.	Description	Pkg. of	Stock No.	Price Each
				1-4
● 83000-0083	Cable Receptacle Kit for 9, 15, and 25 Circuits	100	95H9812	54.20
● 83000-9502	Cable Receptacle Kit for 9, 15, and 25 Circuits	1	95H9813	0.25

(78320)

CANNON MIL-C-83513 STYLE
MICROMINIATURE D CONNECTORS

- Yellow Chromate Over Cadmium Plating
- Liquid Crystal Polymer Insert

Microminiature D connectors are designed into places where standard D-sub had typically been used. These Micro-D Metal (MDM) connectors are made of a strong, lightweight aluminum shell with a high-quality liquid crystal polymer insert. Feature a unique twist-pin design that takes 7 light-gauge beryllium copper wires over 3 soft-drawn copper wires welded together to form a small, flexible bird cage. Twist pins are recessed in the insulator to protect the contacts from damage and appear to be slightly off-center. When mating to the socket contact this Posalpine design will self-center, elongate, and twist inside the socket contact, providing excellent wiping action and maintaining maximum continuity even under the severest shock and vibration. Contacts are protected against moisture when mated by a silicone interfacial seal. Plugs and receptacles are available in harness-type style with 18" rainbow wire or solder-type style. Also available in narrow-profile, right-angle PC board mount versions. Order jack screw and jack post assemblies separately below.

HARNESS-TYPE PLUGS WITH 18" RAINBOW WIRE

Mfg. Part No.	Contacts	Panel Cut-Out Dimensions			Stock No.	Price Each
		A	B	C		1-4
MDM-9PH003B	9	0.401"	0.252"	0.565"	90B4801	51.26
MDM-15PH003B	15	0.551"	0.252"	0.715"	34C2514	80.54
MDM-25PH003B	25	0.801"	0.252"	0.965"	29C6623	121.08
MDM-31PH003B	31	0.951"	0.252"	1.115"	34C2517	120.22
MDM-37PH003B	37	1.101"	0.252"	1.265"	34C2520	136.79

HARNESS-TYPE RECEPTACLES WITH 18" RAINBOW WIRE

MDM-9SH003B	9	0.401"	0.252"	0.565"	31C2403	65.22
MDM-15SH003B	15	0.551"	0.252"	0.715"	96B2718	65.95
MDM-25SH003B	25	0.801"	0.252"	0.965"	92B0659	101.61
MDM-31SH003B	31	0.951"	0.252"	1.115"	34C2518	163.24
MDM-37SH003B	37	1.101"	0.252"	1.265"	92B3948	146.72

SOLDER-TYPE PLUGS

MDM-9PSB	9	0.401"	0.252"	0.565"	28C7534	48.01
MDM-15PSB	15	0.551"	0.252"	0.715"	28C7594	59.49
MDM-25PSB	25	0.801"	0.252"	0.965"	92B4375	67.25
MDM-37PSB	37	1.101"	0.252"	1.265"	50B1317	79.36
MDM-51PSB	51	1.051"	0.295"	1.215"	34C2521	122.65

➔ CONTINUED ➔

CANNON MIL-C-83513 STYLE MICROMINIATURE D CONNECTORS (CONT.)

SOLDER-TYPE RECEPTACLES

Mfg. Part No.	Contacts	Panel Cut-Out Dimensions			Stock No.	Price Each
		A	B	C		1-4
MDM-9SSB	9	0.401"	0.252"	0.565"	23C9128	55.92
MDM-15SSB	15	0.551"	0.252"	0.715"	23C9117	65.44
MDM-25SSB	25	0.801"	0.252"	0.965"	20C3058	77.91
MDM-37SSB	37	1.101"	0.252"	1.265"	50B9126	95.58
MDM-51SSB	51	1.051"	0.295"	1.215"	34C2522	166.49

NARROW-PROFILE RIGHT-ANGLE PC BOARD RECEPTACLES

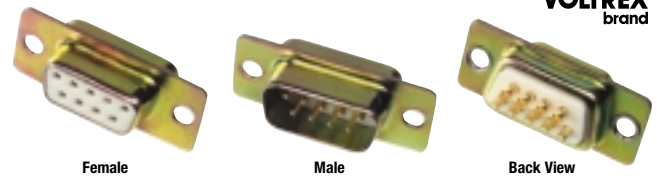
MDM series CBR (Condensed Board Right-Angle) narrow-profile PC board connectors with socket contacts. Feature 0.050" center spacing and 0.109" (+/- 0.015") PC tail lengths. Designed for use with flex circuitry, flat cable and PC or multilayer boards.

MDM-9SCBR	9	0.401"	0.252"	0.565"	02H5294	112.22
MDM-15SCBR	15	0.551"	0.252"	0.715"	73C0537	141.35
MDM-25SCBR	25	0.801"	0.252"	0.965"	73C0541	165.75
MDM-37SCBR	37	1.101"	0.252"	1.265"	02H5292	183.97
MDM-51SCBR	51	1.051"	0.295"	1.215"	02H5293	207.14

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
M83513/05-05	Low-Profile, Slotted-Head Jack Screw Assembly — Pkg. of 2	34C2524	5.19
M83513/05-07	Jack Post Assembly — Pkg. of 2	34C2525	11.80

(68803)

D-SUB CONNECTORS WITH
SOLDER POT CONTACTS

- Steel Shell with Yellow Chromate Plating
- Glass-Filled Thermoplastic Insulator, Rated UL94V-0
- Insulator Resistance: 1000MΩ @ 500VDC
- Working Voltage: 500VDC; High-Density Versions 300VDC
- Current Pin Rating: 5A; High-Density Versions 3A

Designed for applications where space and weight are prime considerations. Connectors intermate with corresponding contact types. Solder pot machined or stamped brass contact pins. Gold- or tin-plated contact finish. Wire size: 24 to 20 AWG. Operating temperature range: -55°C to +105°C. D-Sub connector punches are available; go online or call.

GOLD-PLATED SOLDER POT MACHINED CONTACTS

Mfg. Part No.	Description	Pins	Stock No.	Price Each			
				1-24	25-49	50-99	100-499
● SPC15469	Male	9	79K5043	1.59	1.35	1.22	1.11
● SPC15477	Female	9	79K5049	2.55	2.18	1.96	1.78
● SPC15449	Male	15	79K5026	2.98	2.54	2.29	2.08
● SPC15452	Female	15	79K5028	4.51	3.83	3.45	3.13
● SPC15474	Male	25	79K5046	5.09	4.32	3.90	3.53
● SPC15473	Female	25	79K5045	6.50	5.54	5.00	4.54
● SPC15477	Male	37	79K5024	7.04	6.00	5.41	4.91
● SPC15420	Female	37	79K5001	8.09	6.88	6.21	5.61
● SPC15318	Male	50	79K4912	17.08	14.54	13.11	11.68
● SPC15349	Female	50	79K4939	22.45	19.10	17.23	15.35

GOLD-PLATED SOLDER POT STAMPED CONTACTS

● SPC15435	Male	9	79K5015	1.13	0.96	0.88	0.78
● SPC15453	Female	9	79K5029	1.19	1.01	0.92	0.82
● SPC15429	Male	15	79K5009	1.28	1.08	0.98	0.89
● SPC15299	Female	15	79K4893	1.30	1.11	1.00	0.91
● SPC15422	Male	25	79K5003	1.71	1.46	1.31	1.19
● SPC15400	Female	25	79K4983	1.75	1.48	1.34	1.21
● SPC15275	Male	37	79K4872	2.75	2.34	2.11	1.92
● SPC15306	Female	37	79K4900	2.86	2.44	2.20	2.00
● SPC15268	Male	50	79K4865	5.68	4.82	4.38	3.92
● SPC15341	Female	50	79K4933	7.30	6.21	5.60	4.99

TIN-PLATED SOLDER END, SOLDER POT STAMPED CONTACTS

● SPC15391	Male	9	79K4974	0.77	0.66	0.59	0.54
● SPC15411	Female	9	79K4993	0.59	0.50	0.45	0.41
● SPC15239	Male	15	79K4837	0.75	0.64	0.58	0.52
● SPC15316	Female	15	79K4910	0.77	0.65	0.59	0.54
● SPC15323	Male	25	79K4915	0.93	0.79	0.71	0.65
● SPC15276	Female	25	79K4873	1.30	1.11	1.00	0.91
● SPC15230	Male	37	79K4829	2.21	1.87	1.69	1.53

➔ CONTINUED ➔

D-SUB – DISCRETE WIRE IDC CONNECTORS

D-SUB CONNECTORS WITH SOLDER POT CONTACTS (CONT.)

TIN-PLATED SOLDER END, SOLDER POT STAMPED CONTACTS

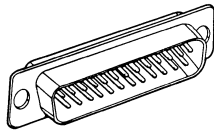
Mfg. Part No.	Description	Pins	Stock No.	Price Each			
				1-24	25-49	50-99	100-499
● SPC15211	Female	37	79K4813	2.30	1.95	1.76	1.60
● SPC15205	Male	50	79K4807	4.00	3.40	3.07	2.78
● SPC15187	Female	50	79K4790	4.18	3.55	3.20	2.90

GOLD-PLATED HIGH-DENSITY SOLDER POT STAMPED CONTACTS

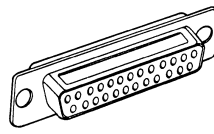
● SPC15388	Male	15	79K4971	1.45	1.23	1.12	1.00
● SPC15307	Female	15	79K4901	1.26	1.07	0.97	0.88
● SPC15397	Male	26	79K4980	2.93	2.49	2.26	2.02
● SPC15191	Female	26	79K4794	3.26	2.77	2.52	2.25
● SPC15305	Male	44	79K4899	4.68	3.97	3.61	3.23
● SPC21088	Female	44	10M8339	4.07	3.46	3.12	2.83
● SPC15131	Male	62	79K4746	6.18	5.25	4.77	4.27

*YC = Zinc Yellow Chromated
(8796)

D-SUB METAL SHELL 0.109" DENSITY CONNECTORS WITH SOLDER CUP TERMINALS



Plug



Receptacle

- Current rating: 5A
- Withstanding voltage: 1250VACrms
- Contact resistance: 2.7mΩ
- Insulation resistance: 5000MΩ

- Keystone-shape shell provides proper polarization
- Zinc plating with yellow chromate finish
- Operating temperature: -65°C to +125°C
- Insulator is glass-filled polyester rated UL94V-0.

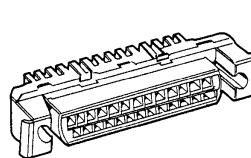
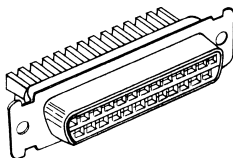
BASIC D COMMERCIAL GRADE, METAL SHELL D-SUBS WITH SOLDER CUP TERMINALS

0.109" (2.77) density D-subminiature series offers a wide range of terminal designs and intermates with all existing D-subminiature connectors of comparable pin count. Zinc-plated steel shell with yellow chromate finish. Phosphor-bronze contacts available with gold flash over nickel in the contact area. Cinch offers other platings; go online or call. 0.120" (3.05) through-hole mounting is standard; however, connectors can be ordered with dual float bushings by adding suffix "Y" or 4-40 clinch nut by adding suffix "E" to the mfg. part no. Order D-sub accessories on page 734. Discrete cable to board; to panel; to discrete cable. UL recognized, CSA certified.

Mfg. Part No.	Description	Contacts	Stock No.	Price Each	
				1-24	25-49
DE9P	Plug	9	43F200	2.51	2.32
DE9S	Socket	9	43F201	3.07	2.85
DA15P	Plug	15	43F202	4.41	4.09
DA15S	Socket	15	43F203	3.11	2.88
DB25P	Plug	25	43F205	3.69	3.43
DB25S	Socket	25	43F206	4.66	4.32
DC37P	Plug	37	43F208	6.18	5.73
DC37S	Socket	37	43F209	6.18	5.73
● DDH50P	Plug	50	11M2989	10.56	9.79
● DDH50S	Socket	50	11M2991	17.34	16.09

(8746)

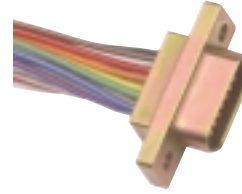
0.109" (2.77) DENSITY SUPER D™ ALL-PLASTIC IDC D-SUB CONNECTORS



Commercial-grade all-plastic insulation displacement D-sub feature plain flange with mounting holes. Intermate with all D-sub of comparable pin count and complying dimensionally with MIL-C-24308. Accommodates 24-26 AWG solid or stranded wire. Glass-filled polyester insulation material, rated UL94V-0. Phosphor bronze contacts plated with gold flash over copper. Current rating: 3A. Withstanding voltage: 1000VACrms. Contact resistance: 5 milliohms. Insulation resistance: 5000 megohms. Operating temperature: -55°C to +125°C. Discrete cable to panel; to discrete cable. UL recognized.

Mfg. Part No.	Contacts	Style	Stock No.	Price Each	
				1-24	25-49
● TEH-9P	9	Plug	12M3040	4.16	3.14
● TEH-9S	9	Socket	12M3041	2.92	2.20
● TBH-25P	25	Plug	12M3023	6.42	4.85
● TB-25S	25	Socket	12F1310	5.77	4.36

(8750)

MIL-DTL-83513
STYLE HIGH
RELIABILITY
MICROMINIATURE
D CONNECTORS

Just Added

Features:

- Several styles of mounting hardware are available
- High-performance Dura-Con twist-pin contact
- Aluminum shell provides extra strength and EMI/RFI shielding capability
- Silicone elastomer compression interfacial seal protects contacts from each other and the metal shell
- Rugged twist pin contacts resistant to shock and vibration
- Ideal for harsh environment such as airborne or space applications

Specifications:

- Insulator material: UL94V-0 rated glass-filled polyester
- Shell material: Aluminum alloy
- Shell plating: Yellow chromate over cadmium
- Operating temperature: -55°C to 135°C
- Current rating: 3A
- Withstanding voltage: 600VAC
- Suffix B = No hardware, F = Float mount, K = Jackscrew, L = Low profile jackscrew, P = Jackpost

SOLDER CUP

No. of Contacts	PLUGS			SOCKETS		
	Mfg. Part No.	Stock No.	Price Each 1-4	Mfg. Part No.	Stock No.	Price Each 1-4
9	DCDM-9PSB	97J6649	31.28	DCDM-9SSB	97J6650	39.00
9	DCDM9PSF	31M7087	45.54	DCDM9SSF	31M7088	50.81
9	DCDM-9PSK	71K2866	45.74	DCDM-9SSK	71K2870	54.77
9	DCDM-9PSL	71K2867	45.22	DCDM-9SSL	71K2871	54.21
9	DCDM-9PSP	71K2868	40.57	DCDM-9SSP	71K2872	49.22
15	DCDM15PSB	31M7084	34.48	DCDM-15SSB	55K5399	43.37
15	DCDM-15PSF	71K2734	48.87	DCDM-15SSF	96K2334	74.55
15	DCDM-15PSK	71K2735	49.09	DCDM-15SSK	71K2742	59.43
15	DCDM-15PSL	71K2736	48.56	DCDM-15SSL	96K2335	58.87
15	DCDM-15PSP	71K2737	43.92	DCDM-15SSP	96K2336	53.86
25	DCDM-25PSB	55K5402	45.28	DCDM-25SSB	55K5403	54.22
25	DCDM-25PSF	71K2770	60.15	DCDM-25SSF	96K2339	70.49
25	DCDM-25PSK	96K2337	60.42	DCDM-25SSK	71K2789	70.81
25	DCDM-25PSL	96K2338	59.90	DCDM-25SSL	96K2340	70.24
25	DCDM-25PSP	71K2771	55.25	DCDM-25SSP	96K2341	65.23
51	DCDM-51PSB	55K5406	75.46	DCDM51SSB	31M7086	83.55
51	DCDM-51PSF	96K2343	91.68	DCDM-51SSF	71K2850	107.92
51	DCDM-51PSK	96K2344	92.08	DCDM-51SSK	71K2851	108.40
51	DCDM-51PSL	96K2345	91.56	DCDM-51SSL	71K2852	107.83
51	DCDM-51PSP	96K2346	86.91	DCDM-51SSP	71K2853	102.83

18" WIRE LEADS — 26AWG MIL-W-16878/4 STRANDED

9	DCDM-9P6E5-18.0B	81H4423	42.22	DCDM-9S6E5-18.0B	81H4424	48.34
9	DCDM-9P6E5-18.0F	71K2869	54.90	DCDM-9S6E5-18.0F	96K2352	62.00
9	DCDM-9P6E5-18.0K	96K2349	55.15	DCDM-9S6E5-18.0K	85K0602	62.28
9	DCDM-9P6E5-18.0L	96K2350	54.62	DCDM-9S6E5-18.0L	85K0603	61.71
9	DCDM-9P6E5-18.0P	96K2351	49.97	DCDM-9S6E5-18.0P	55K5409	56.70
15	DCDM-15P6E5-18.0B	97J6630	52.77	DCDM-15S6E5-18.0B	97J6632	60.73
15	DCDM-15P6E5-18.0F	79K6151	65.30	DCDM-15S6E5-18.0F	71K2743	74.33
15	DCDM-15P6E5-18.0K	79K6152	65.70	DCDM-15S6E5-18.0K	71K2744	74.66
15	DCDM-15P6E5-18.0L	79K6153	65.17	DCDM-15S6E5-18.0L	71K2745	74.10
15	DCDM-15P6E5-18.0P	79K6155	60.54	DCDM-15S6E5-18.0P	71K2746	69.09
25	DCDM-25P6E5-18.0B	97J6638	89.05	DCDM-25S6E5-18.0B	46K5163	82.16
25	DCDM-25P6E5-18.0F	71K2777	89.05	DCDM-25S6E5-18.0F	71K2790	99.68
25	DCDM-25P6E5-18.0K	71K2778	89.44	DCDM-25S6E5-18.0K	71K2791	100.12
25	DCDM-25P6E5-18.0L	71K2779	88.92	DCDM-25S6E5-18.0L	71K2792	99.55
25	DCDM-25P6E5-18.0P	71K2780	84.27	DCDM-25S6E5-18.0P	71K2793	94.55
51	DCDM-51P6E5-18.0B	60K5373	121.37	DCDM-51S6E5-18.0B	97J6647	141.60
51	DCDM-51P6E5-18.0F	96K2347	133.71	DCDM-51S6E5-18.0F	71K2854	171.04
51	DCDM51P6E5-18.0L	31M7085	133.77	DCDM-51S6E5-18.0L	71K2856	154.97
51	DCDM-51P6E5-18.0P	96K2348	129.13	DCDM-51S6E5-18.0P	60K5375	149.96

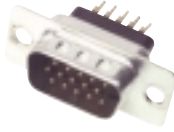
(90619)

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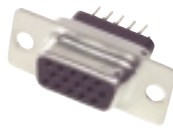
(94640)

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 - No minimum order fees, no hassles.
- Visit us online today.

D-SUB – DISCRETE WIRE IDC CONNECTORS

HD SERIES PC BOARD DIP
TYPE D-SUB CONNECTORS

Plug



Socket

- Contact Spacing: 0.095 inches; Gold Over Nickel Plated
- Current Rating: 5 A

- Insulator Resistance: 1000 MΩ @ 300 VDC
- Operating Temperature Range: -50°C to +100°C

Glass fiber reinforced housing, rated UL 94V-0. Steel shell with tin plating.
PLUGS

Mfg. Part No.	Pins	Stock No.	Price Each		
			1-24	25-49	50-99
● SPC15402	15	79K4984	4.83	4.13	3.73
● SPC15353	26	79K4943	8.94	7.65	6.91
● SPC15326	44	79K4918	13.91	11.91	10.75
● SPC15240	62	79K4838	17.68	15.13	13.66
● SPC15386	78	79K4969	23.23	19.88	17.95

SOCKETS

Mfg. Part No.	Pins	Stock No.	Price Each		
			1-24	25-49	50-99
● SPC15408	15	79K4990	3.09	2.64	2.39
● SPC15300	26	79K4894	6.24	5.34	4.82
● SPC15399	44	79K4982	9.38	8.03	7.25
● SPC15169	62	79K4773	13.34	11.42	10.31
● SPC15351	78	79K4941	19.78	16.93	15.29

(8870)

VOLTREX® BRAND HD SERIES
RIGHT-ANGLE PC BOARD D-SUB
PLUGS AND SOCKETS

SOCKET



PLUG

- Insulator Resistance: 1000 MΩ at 500 VDC
- Dielectric Strength: 1 kV for 1 Minute
- Current Rating: 5 A

- Working Voltage: 300 VDC
- Operating Temperature Range: -50°C to +100°C

Glass fiber reinforced housing. Tin-plated steel shell. Brass contacts with gold flash over nickel plating. For mfg. part no. HD-DL78S-RAPC-1, current rating is 2 A and the insulator resistance is 5000 MΩ at 500 VDC.

SOCKETS

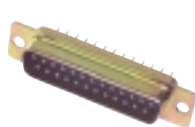
Mfg. Part No.	Pins	Stock No.	Price Each		
			1-24	25-49	50-99
● SPC15430	15	79K5010	2.55	2.16	1.96
● SPC15293	26	79K4888	7.17	6.08	5.51
● SPC15324	44	79K4916	10.71	9.09	8.23
● SPC15436	78	79K5016	35.13	29.82	26.99

PLUGS

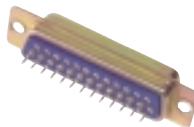
● SPC15254	15	79K4851	3.52	2.99	2.70
● SPC15237	26	79K4836	7.78	6.60	5.98
● SPC15140	44	79K4753	11.80	10.02	9.07
● SPC15370	78	79K4955	50.88	43.20	39.09

(8871)

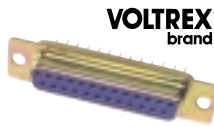
PC BOARD D-SUB CONNECTORS



Male



Male, Back View



Female

Thermoplastic connectors intermate with corresponding contact types. 2-piece, glass-filled housing. Steel shell with zinc yellow chromate plating. Brass contacts with gold-over-nickel plating. Current rating: 5 A. Insulation resistance: 1000 MΩ. Dielectric strength: 1kV for one minute. Working voltage: 500 VDC. Operating temperature range: -50°C to +105°C at 500 VDC.

➤ CONTINUED ➤

PC BOARD D-SUB CONNECTORS (CONT.)

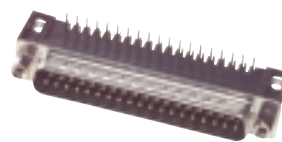
STRAIGHT PC BOARD MALE

Mfg. Part No.	Pins	Stock No.	Price Each			
			1-24	25-49	50-99	100-499
● SPC15444	9	79K5021	2.06	1.75	1.58	1.41
● SPC15347	15	79K4937	3.00	2.55	2.30	2.05
● SPC15426	25	79K5006	4.77	4.06	3.66	3.25
● SPC15413	37	79K4995	7.50	6.38	5.76	5.12
● SPC15343	50	79K4934	10.02	8.53	7.70	6.84

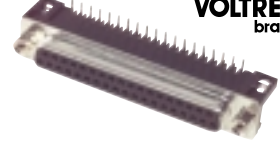
STRAIGHT PC BOARD FEMALE

Mfg. Part No.	Pins	Stock No.	Price Each			
			1-24	25-49	50-99	100-499
● SPC15463	9	79K5037	2.62	2.23	2.02	1.79
● SPC15355	15	79K4945	4.00	3.40	3.07	2.73
● SPC15439	25	79K5019	6.30	5.36	4.84	4.30
● SPC15368	37	79K4954	9.27	7.88	7.12	6.33
● SPC15379	50	79K4963	13.11	11.15	10.07	8.95

(8873)

RIGHT-ANGLE PC BOARD
D-SUB CONNECTORS

Male



Female

2-piece, glass-filled thermoplastic housing. Steel shell with tin plating. Brass alloy contacts with gold plating. Current rating: 5 A. Insulator resistance: 1000 MΩ at 500 VDC. 0.318" setback. Operating temperature range: -55°C to +105°C.

Mfg. Part No.	Description	Pins	Stock No.	Price Each			
				1-24	25-49	50-99	100-499
● SPC15394	Male	9	79K4977	2.86	2.43	2.19	1.95
● SPC15383	Female	9	79K4966	2.81	2.39	2.16	1.92
● SPC15271	Male	15	79K4868	3.82	3.25	2.93	2.61
● SPC15283	Female	15	79K4880	3.82	3.25	2.93	2.61
● SPC15315	Male	25	79K4909	5.30	4.51	4.06	3.62
● SPC15340	Female	25	79K4932	5.15	4.38	3.94	3.52
● SPC15173	Male	37	79K4777	7.42	6.32	5.69	5.07
● SPC15174	Female	37	79K4778	7.27	6.18	5.57	4.96

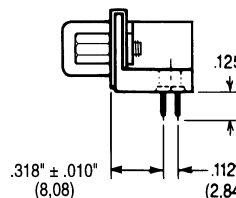
(8872)

RIGHT-ANGLE SNAP-IN PC
BOARD D-SUB CONNECTORS

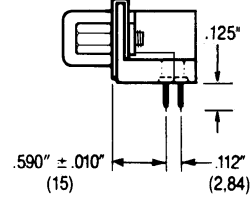
Male



Female



0.318" Setback



0.590" Setback

Steel shell with tin plating. PBT and glass-fiber reinforced, black insulator. Brass contacts with gold plating. Working voltage: 500 VDC. Dielectric strength: 1000 V for one minute. Current rating: 5 A. Insulation resistance: 1000 MΩ @ 500 VDC. Operating temperature range: -50°C to +105°C.

RIGHT-ANGLE SNAP-IN PC BOARD MALE, 0.318" SETBACK

Mfg. Part No.	Description	Pins	Stock No.	Price Each		
				1-24	25-49	50-99
● SPC15412	Male	9	79K4994	2.89	2.45	2.21
● SPC15215	Male	15	79K4816	3.98	3.38	3.05

➤ CONTINUED ➤

D-SUB – DISCRETE WIRE IDC CONNECTORS • D-SUB – FLAT RIBBON CABLE CONNECTORS

RIGHT-ANGLE SNAP-IN PC BOARD D-SUB CONNECTORS (CONT.)

Mfg. Part No.	Description	Pins	Stock No.	Price Each		
				1-24	25-49	50-99
● SPC15409	Male	25	79K4991	5.34	4.53	4.09
● SPC15261	Male	37	79K4858	7.89	6.70	6.05

RIGHT-ANGLE SNAP-IN PC BOARD FEMALE, 0.318" SETBACK

● SPC15457	Female	9	79K5032	2.90	2.47	2.23
● SPC15281	Female	15	79K4878	3.98	3.38	3.05
● SPC15348	Female	25	79K4938	5.25	4.46	4.03
● SPC15325	Female	37	79K4917	7.62	6.47	5.84

RIGHT-ANGLE SNAP-IN PC BOARD MALE, 0.590" SETBACK

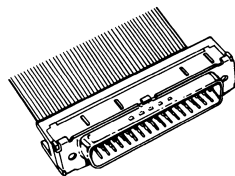
● SPC15269	Male	9	79K4866	3.81	3.24	2.92
● SPC15152	Male	15	79K4761	5.17	4.39	3.97
● SPC15217	Male	25	79K4818	7.24	6.15	5.55
● SPC15196	Male	37	79K4799	10.34	8.78	7.93

RIGHT-ANGLE SNAP-IN PC BOARD FEMALE, 0.590" SETBACK

● SPC15282	Female	9	79K4879	3.81	3.24	2.92
● SPC15123	Female	15	79K4740	5.19	4.41	3.98
● SPC15197	Female	25	79K4800	7.24	6.15	5.55
● SPC15126	Female	37	79K4743	10.34	8.78	7.93

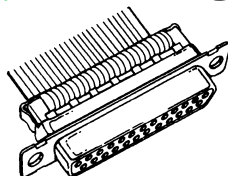
(8874)

IDC D-SUB CONNECTORS



Plug with #4-40 Threaded Inserts

- Insulation Material: Glass-Reinforced Polyester
- Contact Material: Beryllium Copper
- Contact Plating: 30µ" Gold



Socket with Thru-Hole Flange

- Current Rating: 1A
- Temperature Rating: -55°C to +105°C

2-piece, open-cover plugs and sockets are fully compatible with 0.050" spaced flat cable. Accommodates 26 and 28 AWG solid and stranded wire; ordered separately on page 1050 on page 1050. Order backshells and strain reliefs separately below.

PLUGS—FLANGE, THRU-HOLE STYLE

Mfg. Part No.	Contacts	Stock No.	Price Each			
			1-9	10-24	25-49	50-99
● 8209-6000	9	46F4825	5.26	4.66	4.39	4.13
● 8215-6000	15	46F4826	5.98	5.29	4.99	4.69
● 8225-6000	25	46F4827	6.78	6.01	5.66	5.32
● 8237-6000	37	46F4828	8.77	7.76	7.32	6.88

PLUGS—#4-40 THREADED INSERTS

● 8209-6003	9	95F9669	5.45	4.83	4.55	4.28
● 8215-6003	15	95F9670	7.15	6.33	5.97	5.61
● 8225-6003	25	95F9671	7.72	6.84	6.45	6.06
● 8237-6003	37	95F9672	9.57	8.48	7.99	7.51
● 8250-6005	50	46F4829	19.08	16.89	15.93	14.97

SOCKETS—FLANGE, THRU-HOLE STYLE

● 8309-6000	9	46F4830	4.49	3.98	3.75	3.53
● 8315-6000	15	46F4831	5.15	4.56	4.30	4.04
● 8337-6000	37	46F4833	8.90	7.88	7.43	6.98

SOCKETS—#4-40 THREADED INSERTS

● 8315-6003	15	95F9674	7.37	6.53	6.16	5.78
● 8337-6003	37	94F7999	9.57	8.48	7.99	7.51
● 8350-6005	50	46F4834	19.08	16.89	15.93	14.97

PLASTIC JUNCTION BACKSHELLS

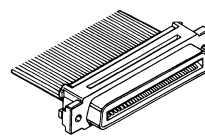
● 3485-2100F	9	91B2980	3.75	3.32	3.13	2.95
● 3485-2200F	15	93B4711	3.75	3.32	3.13	2.95
● 3485-2300F	25	46F8311	3.75	3.32	3.13	2.95
● 3485-2400F	37	94F3334	4.39	3.88	3.66	3.44
● 3485-2500F	50	46F8310	3.75	3.32	3.13	2.95

STRAIN RELIEFS

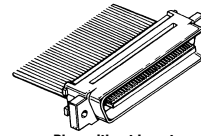
● 3448-8D09A	9	87F3878	0.38	0.36	0.33	0.31
● 3448-8D15A	15	87F3879	0.51	0.48	0.44	0.41
● 3448-8D25A	25	87F3880	0.51	0.48	0.44	0.41
● 3448-8D37A	37	87F3881	0.51	0.48	0.44	0.41
● 3448-8D50	50	87F3882	0.66	0.58	0.55	0.52

(8513)

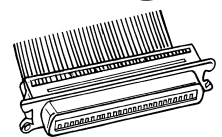
D RIBBON WIRE MOUNT SOCKET WITH BAIL MOUNT OPTION



Socket with #4-40 Insert



Plug without Insert



Socket with Bail Mount

- Material: Glass-Reinforced Polyester
- Contact Material: Beryllium Copper
- Contact Plating: 30µ" Gold

- Current Rating: 1A
- Temperature Rating: -55°C to +105°C

Accommodates 26-30 AWG flat, round or jacketed cable; ordered separately on pages 1050 and 1052. Order strain reliefs separately below.

PLASTIC SOCKETS

Mfg. Part No.	Contacts	Length	Stock No.	Price Each			
				1-9	10-24	25-49	50-99
● 3565-1000*	50	3.27"	46F4812	8.03	7.14	6.78	6.37
● 3565-1001†	50	3.27"	46F4813	9.51	8.46	8.03	7.55
● 3565-1002‡	50	3.27"	46F4814	8.88	7.90	7.49	7.05

PLASTIC PLUGS

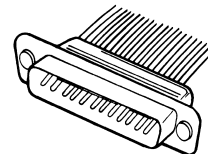
● 3564-1000*	50	3.27"	46F4800	8.44	7.51	7.12	6.70
● 3564-1001†	50	3.11"	46F4801	8.94	7.96	7.55	7.10
● 3564-1002‡	50	3.27"	46F4802	8.88	7.90	7.49	7.05

METAL STRAIN RELIEFS

Mfg. Part No.	Contacts	Stock No.	Price Each			
			1-9	10-24	25-49	50-99
● 3448-63	50	87F3872	0.55	0.49	0.46	0.44

*Without insert; †With bail mount; ‡With #4-40 insert.
(8511)

HDF-20 LOW PROFILE 0.050" (1.27) FLAT RIBBON CABLE CONNECTORS



- Preassembled Thermoplastic Housing and Cover
- Rated UL94V-0



Standard mounting holes; phosphor bronze contacts with gold plating on mating end, tin-lead on termination end over nickel under plating. Tin-plated steel front shell on metal versions. UL recognized, CSA certified. Thermoplastic strain reliefs available; go online or call.

METAL-SHELL PLUGS, STANDARD MOUNTING HOLES

Mfg. Part No.	Positions	Stock No.	Price Each			
			1-9	10-99	100-499	500-999
● 1658613-4	9	42K6659	7.46	4.69	3.92	3.37
● 1658613-3	15	42K6658	8.50	5.34	4.46	3.84
● 1658613-2	25	42K6657	10.58	6.65	5.55	4.78
● 1658613-1	37	42K6656	14.17	8.90	7.43	6.39

METAL-SHELL RECEPTACLES, STANDARD MOUNTING HOLES

● 1658612-4	9	42K6655	7.46	4.69	3.92	3.37
● 1658612-3	15	42K6654	8.50	5.34	4.46	3.84
● 1658612-2	25	42K6653	10.58	6.65	5.55	4.78
● 1658612-1	37	42K6652	12.91	8.11	6.77	5.83

METAL-SHELL PLUGS, THREADED INSERT

Mfg. Part No.	Positions	Stock No.	Price Each			
			1-9	10-99	100-499	500-999
● 1658608-4	9	42K6644	9.35	5.88	4.91	4.22
● 1658608-3	15	42K6643	10.49	6.59	5.50	4.73
● 1658608-2	25	42K6642	12.56	7.89	6.59	5.67
● 1658608-1	37	42K6641	16.06	10.09	8.42	7.25

METAL-SHELL RECEPTACLES, THREADED INSERT

● 1658610-4	9	42K6650	9.35	5.88	4.91	4.22
● 1658610-3	15	42K6649	10.49	6.59	5.50	4.73
● 1658610-2	25	42K6648	12.56	7.89	6.59	5.67
● 1658610-1	37	42K6647	16.06	10.09	8.42	7.25
● 1658606-1	50	42K6640	25.75	16.18	13.51	11.62

ALL-PLASTIC PLUGS, STANDARD MOUNTING HOLES

Mfg. Part No.	Positions	Stock No.	Price Each			
			1-9	10-99	100-499	500-999
● 1658615-4	9	42K6667	6.29	3.95	3.30	2.84
● 1658615-3	15	42K6666	8.03	5.04	4.21	3.63
● 1658615-2	25	42K6665	10.01	6.29	5.25	4.52
● 1658615-1	37	42K6664	13.70	8.60	7.18	6.18

➤ CONTINUED ➤

D-SUB – FLAT RIBBON CABLE CONNECTORS

HDF-20 LOW PROFILE 0.050" (1.27) FLAT RIBBON CABLE CONNECTORS (CONT.)

ALL-PLASTIC RECEPTACLES, STANDARD MOUNTING HOLES

Mfg. Part No.	Positions	Stock No.	Price Each			
			1-9	10-99	100-499	500-999
● 1658614-4	9	42K6663	6.90	4.33	3.62	3.11
● 1658614-3	15	42K6662	8.03	5.04	4.21	3.63
● 1658614-2	25	42K6661	9.88	6.21	5.18	4.46
● 1658614-1	37	42K6660	13.70	8.60	7.18	6.18

CABLE STABILIZERS

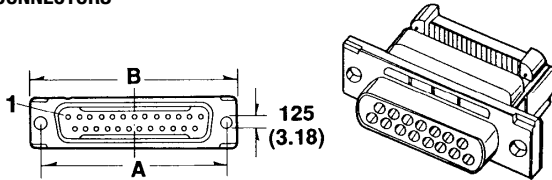
Mfg. Part No.	Positions	Shell Size	Stock No.	Price Each		
				1-24	25-49	50-99
● 747275-4	9	1	92F5379	0.32	0.30	0.27
● 747275-3	15	2	50F685	0.37	0.33	0.30
● 747275-2	25	3	50F684	0.43	0.38	0.34
● 747275-1	37	4	97F9018	0.49	0.44	0.40

(8177)

841-17D AND G17K SERIES FLAT CABLE IDC CONNECTORS



Amphenol Commercial Products



For modern peripheral equipment. Mass terminates to 0.050" (1.27) flat ribbon cable. Available plastic or metal flange. 1-pc. universal hood. Black glass-filled polycarbonate insulator, rated UL94V-0. Phosphor bronze contacts with gold over nickel plating. Current rating: 1A. Voltage rating: 25VAC (VDE 0100 group A). Operating temperature: -25°C to +105°C. Wire size: solid 26/ stranded 28 AWG. Compatible with MIL-C-24308 and IEC proposal 48B (CO) 118. RS-232 and RS-449 standard. UL recognized E64911.

PLASTIC FLANGE WITH PIN CONTACTS

Mfg. Part No.	Contacts	Dimensions		Stock No.	Price Each	
		A	B		1-9	10-24
841-17-DEFR-B9P	9	0.984"	1.212"	81F5022	6.08	4.73
841-17-DAFR-B15P	15	1.311"	1.543"	81F5023	2.97	2.31
841-17-DBFR-B25P	25	1.852"	2.090"	81F5024	8.16	6.35
841-17-DCFR-B37P	37	2.500"	2.732"	81F5025	4.93	3.84

PLASTIC FLANGE WITH SOCKET CONTACTS

841-17-DEFR-B9S	9	0.984"	1.212"	81F5026	9.02	7.02
841-17-DAFR-B15S	15	1.311"	1.543"	81F5027	2.97	2.31
841-17-DBFR-B25S	25	1.852"	2.090"	81F5028	2.63	2.05
841-17-DCFR-B37S	37	2.500"	2.732"	81F5029	12.34	9.60

METAL FLANGE WITH PIN CONTACTS

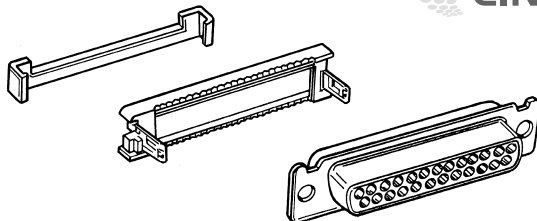
● G17K09101001EU	9	0.984"	1.212"	99K7475	2.13	1.66
● G17K15101001EU	15	1.311"	1.543"	99K7479	2.57	2.00
● G17K25101001EU	25	1.852"	2.090"	99K7483	2.57	2.00
● G17K37101001EU	37	2.500"	2.732"	99K7487	5.95	4.63

METAL FLANGE WITH SOCKET CONTACTS

● G17K09001001EU	9	0.984"	1.212"	99K7473	3.50	2.72
● G17K15001001EU	15	1.311"	1.543"	99K7477	2.57	2.00
● G17K25001001EU	25	1.852"	2.090"	99K7481	2.81	2.19
● G17K37001001EU	37	2.500"	2.732"	99K7485	7.14	5.56

(8281)

0.109" (2.77) DENSITY FLAT CABLE IDC D-SUB CONNECTORS



Mass-terminated IDC D-sub connectors for 0.050" (1.27) flat cable. Back cover fastens to shell with metal latches. Strain relief included. Intermate with all D-sub connectors of comparable pin count and complying dimensionally with MIL-C-24308. Steel shell provides grounding capability; available with yellow chromate coating over zinc. Glass-filled polyester insulator material, rated UL94V-0. Beryllium copper contacts with gold flash over nickel plating. Accommodates wire 28 AWG stranded/30 AWG solid. Current rating: 1A. Withstanding voltage: 500VACrms. Contact resistance: 15 milliohms. Insulation resistance: 1000 megohms. Also available in 15 position configuration. Operating temperature: -55° to +105°C.

➤ CONTINUED ➤

0.109" (2.77) DENSITY FLAT CABLE IDC D-SUB CONNECTORS (CONT.)

ZINC-PLATED STEEL SHELL WITH YELLOW CHROMATE COATING

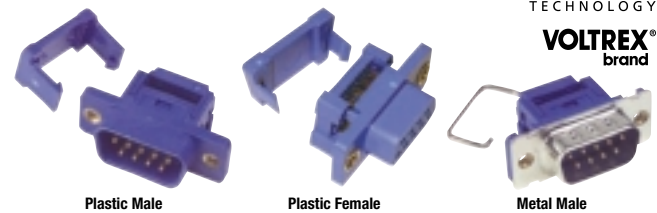
Mfg. Part No.	Contacts	Style	Stock No.	Price Each	
				1-24	25-49
FC9P	9	Plug	44F6355	11.54	8.71
FC9S	9	Socket	44F6356	13.83	10.44
FC25P	25	Plug	44F6359	18.45	13.93
FC25S	25	Socket	44F6360	12.00	9.06

(8675)

PLASTIC AND METAL RIBBON CABLE IDC D-SUB CONNECTORS



VOLTREX® brand



PLASTIC IDC CONNECTORS

Special contact design allows usage of standard 0.050" flat ribbon cable while maintaining standard contact centers of 0.050". Low-profile, fully intermateable connectors are suitable for compact requirements of modern peripheral equipment. Contacts: copper alloy, gold plated over nickel. 1-piece universal hood provides 3 locking varieties: plastic latch for one-hand operation and quick disconnect; screw locking; and metal spring latch locking. Insulation resistance: 1000MΩ at 500 VDC. Contact resistance: 15 mΩ max. Wire size: 26-28 AWG. Hood accepts straight and right-angle cable entry. Operating temperature range: -55°C to +105°C.



Mfg. Part No.	Description	No. of Pins	Stock No.	Price Each			
				1-24	25-49	50-99	100-499
● SPC15446	Male	9	79K5023	4.10	3.49	3.14	2.80
● SPC15456	Female	9	79K5031	4.10	3.49	3.14	2.80
● SPC15339	Male	15	79K4931	4.53	3.85	3.47	3.09
● SPC15273	Female	15	79K4870	4.53	3.85	3.47	3.09
● SPC15410	Male	25	79K4992	4.75	4.04	3.65	3.24
● SPC15428	Female	25	79K5008	4.75	4.04	3.65	3.24
● SPC15313	Male	37	79K4907	7.80	6.63	5.98	5.32
● SPC15416	Female	37	79K4998	7.80	6.63	5.98	5.32

METAL IDC CONNECTORS

D-subminiature pin and socket connectors allow highly reliable mass termination of standard 0.050" pitch round-conductor flat ribbon cable. Gas-tight junction with each conductor at 4 places. Internal transition from standard 0.055" contact spacing which allows termination of standard 0.050" ribbon cable; no special cable preparation is required. Contact plating: gold plated-brass. Mating area has duplex plating. Insulator material: blue, glass-filled polyester, rated UL94V-0. 26-28 AWG. Current rating: 1A per contact. Insulation resistance: 1000MΩ at 500VDC. Contact resistance: 15mΩ max. @ 1ADC. Operating temperature: -55°C to +105°C.

Mfg. Part No.	Description	No. of Pins	Stock No.	Price Each			
				1-24	25-49	50-99	100-499
● SPC15406	Male	9	79K4988	4.68	3.98	3.59	3.19
● SPC15417	Female	9	79K4999	4.68	3.98	3.59	3.19
● SPC15289	Male	15	79K4886	5.75	4.89	4.41	3.93
● SPC15296	Female	15	79K4890	5.75	4.89	4.41	3.93
● SPC15390	Male	25	79K4973	6.30	5.35	4.83	4.29
● SPC15437	Female	25	79K5017	6.30	5.35	4.83	4.29
● SPC15267	Male	37	79K4864	9.72	8.27	7.46	6.63
● SPC15301	Female	37	79K4895	9.72	8.27	7.46	6.63

(8876)

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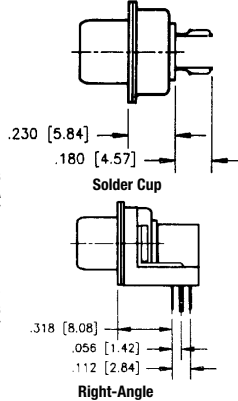
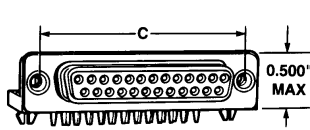
(94645)

D-SUB – FILTER CONNECTORS

FCE17 SERIES FILTERED D-SUB CONNECTORS



Amphenol Commercial Products



Discrete filter element (capacitor) provides EMI noise protection and brings assembly into FCC compliance, Docket 20780. Designed to provide EIA RS-232 and RS-449 compatibility. Pin and socket styles with solder cup or right-angle PCB termination. Tin plated high-strength diecast shell with thermoplastic insert, rated UL94V-0. Phosphor bronze contacts plated with 15µ" gold on contact area over 100µ" nickel. 0.120" diameter through mounting holes in flange. Current rating: 5A DC max., 2A RF filtering max. Operating temperature: -40° to +85°C. Interchange with standard non-filtered 17 series D-Sub ordered separately on page 723, and connectors meeting MIL-C-24308. Other connectors are available in a variety of filter capacitance values; go online or call.

SOLDER CUP TERMINATION

Mfg. Part No.	Contacts*	Filter pF	Dim. C	Stock No.	Price Each	
					1-9	10-24
● FCE17-E09PM-240	9/P	820	0.984"	99K7220	13.71	12.52
● FCE17-A15PM-240	15/P	820	1.312"	99K5974	19.03	17.38
● FCE17-B25PM-240	25/P	820	1.852"	99K6390	27.03	24.68
● FCC-17-E09SM-240	9/S	820	0.984"	87F2285	13.98	12.77
● FCE17-A15SM-240	15/S	820	1.312"	99K6174	19.29	17.62
● FCC-17-B25SM-240	25/S	820	1.852"	87F2279	27.42	25.05
● FCE17-C37SM-240	37/S	820	2.500"	99K7005	35.40	32.33

RIGHT-ANGLE PC BOARD TERMINATION WITH BOARDLOCKS

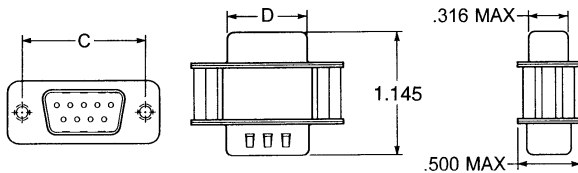
Mfg. Part No.	Contacts*	Filter pF	Dim. C	Stock No.	Price Each
● FCE17-E09SA-410	9/S	470	0.984"	99K7278	11.56 10.56
● FCE17-B25SA-410	25/S	470	1.852"	99K6449	18.55 16.94
● FCE17-C37SA-410	37/S	470	2.500"	99K6864	22.91 20.92

*P=Pin, S=Socket
(8224)

FCC17 SERIES FILTERED D-SUB ADAPTERS



Amphenol Commercial Products

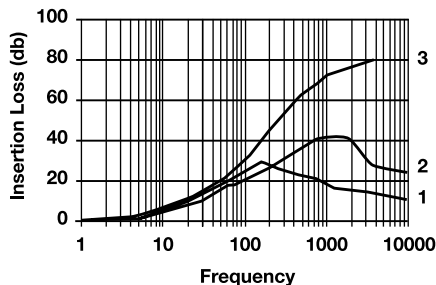


Pin-socket adapter connector designed to provide EIA RS-232 and RS-449 compatibility. Interchange with standard non-filtered 17 series D-Subs, ordered separately on page 723 and connectors meeting MIL-C-24308. High strength tin-plated zinc diecast shell. Thermoplastic insert, rated UL94V-0. Phosphor bronze contacts plated with 15µ" gold over 100µ" nickel. 0.120" diameter through hole flange mounting. Current rating: 5A DC max.; 2A RF filtering max.

Mfg. Part No.	Size	Filter pF	Dimensions		Stock No.	Price Each	
			C	D		1-9	10-24
● FCE17E09AD210	9	470	0.984"	0.643"	73K4128	22.61	20.68
● FCE17-A15AD-210	15	470	1.312"	0.971"	99K5797	28.70	26.24
● FCC-17-B25AD-210	25	470	1.852"	1.511"	87F2300	34.02	31.11
● FCE17-C37AD-210	37	470	2.500"	2.159"	99K6628	43.12	39.43

(8223)

FILTERED CONNECTORS INSERTION LOSS VS FREQUENCY CHART



(1.) 100 SERIES CHIP CAP FILTERED

Low-cost filtered D-Sub with space-saving design provides a low-cost solution as compared to individual chip capacitors on a PC board.

➤ CONTINUED ➤

FILTERED CONNECTORS

INSERTION LOSS VS FREQUENCY CHART (CONT.)

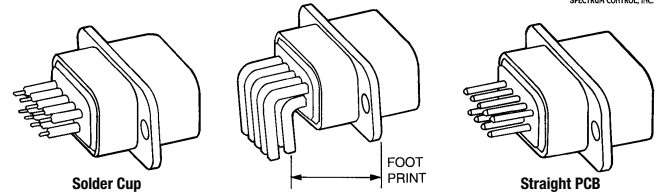
(2.) 500 SERIES TUBULAR FT FILTERED

Medium performance filtered connectors provide improved attenuation at higher frequencies.

(3.) 700 SERIES TUBULAR PI FILTERED

Ultra-high performance PI design provides superior attenuation to 5GHz and beyond.
(88756)

700 SERIES HIGH-PERFORMANCE EMI FILTERED D-SUB CONNECTORS AND ADAPTERS



Filter circuits are pi-section. PC board connectors have 0.590" footprint. Current rating: 5A. Operating temperature: -55°C to +125°C. Contacts: gold plated copper alloy. Shell: tin plated aluminum. Insulators meet UL94V-0 flammability test. For more information see Insertion Loss vs Frequency Chart on this page.

SPECIFICATIONS

Filter Type Suffix	Tol. (%)	3dB Cut-off Freq. (MHz)	Diels. With- stand Voltage (VDC)	Insertion Loss (dB) @ Frequency (MHz)						
				20	50	100	200	500	1000	5000
-001/-011	±20	17	300	...	5	10	18	39	52	45
-003/-013	+100,-0	3.2	300	9	15	25	43	65	70	63
-005/-015	+100,-0	0.8	150	16	31	46	60	75	75	65

SOCKET CONTACTS

Mfg. Part No.	Termination	Pins	Cap. pF	Stock No.	Price Each			
					1-4	5-9	10-24	25-49
56-706-003	Solder	9	1000	88F5235	58.03	54.78	51.10	49.15

PIN CONTACTS

Mfg. Part No.	Termination	Pins	Cap. pF	Stock No.	Price Each
56-701-013	Solder	9	1000	44F8272	34.92 32.97 30.75 29.58
56-701-015	Solder	9	4000	44F8273	46.26 43.67 40.74 39.18
56-711-013	Solder	15	1000	44F8297	61.99 58.52 54.59 52.51
● 56F711-015	Solder	15	4000	74K2114	72.61 68.54 63.94 61.50
56-712-005	PCB R/A	15	4000	44F8281	74.27 70.11 65.40 62.91
56-721-013	Solder	25	1000	44F8320	101.23 95.56 89.14 85.74
56-721-015	Solder	25	4000	44F8321	92.22 87.06 81.21 78.11
56-726-005	Solder	25	4000	98F6276	130.63 123.32 115.03 110.64
56-732-005-LI	Solder	37	4000	90B4338	152.60 144.06 134.38 129.26

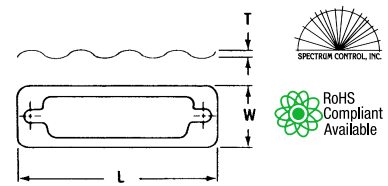
PIN-TO-SOCKET ADAPTERS

Mfg. Part No.	Pins	Cap. pF	Stock No.	Price Each			
				1-4	5-9	10-24	25-49
56-705-003	9	1000	44F8276	45.22	42.69	39.82	38.30
56-705-005	9	4000	44F8277	40.18	37.93	35.38	34.03
56-715-005	15	4000	44F8301	72.69	68.62	64.01	61.57
56-725-001	25	310	44F8323	91.80	86.66	80.84	77.75
56-725-005	25	4000	44F8325	104.15	98.32	91.71	88.22

(9140)

EMI FILTERED WAVE- METAL D-SUB GASKETS

Wave-metal gaskets adjust for irregularities in the mounting surface to maintain electromagnetic compatibility of D-subminiature connectors by providing improved grounding. Style "A" are front-pin, front-socket or rear-pin mounting. Style "B" are rear-socket mounting. Gaskets are normally 0.030" thick uncompressed, 0.005" compressed.



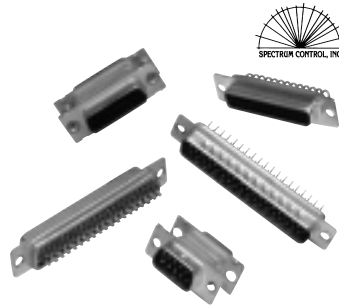
Mfg. Part No.	Pins	Style	L x W	Stock No.	Price Each		
					1-4	5-9	10-24
● 572019-00100-70	9	A	1.213 x 0.600"	51F3658	1.43	1.34	1.25
● 572019-00105-70	9	B	1.213 x 0.600"	51F3659	1.43	1.34	1.25
● 572019-00101-70	15	A	1.541 x 0.600"	51F3660	1.61	1.51	1.40
● 572019-00102-70	25	A	2.088 x 0.600"	51F3662	2.02	1.89	1.76
● 572019-00107-70	25	B	2.088 x 0.600"	51F3663	2.02	1.89	1.76
● 572019-00103-70	37	A	2.729 x 0.600"	51F3664	2.66	2.50	2.32

(9141)

D-SUB – FILTER CONNECTORS • D-SUB – ACCESSORIES

100 SERIES CHIP CAP FILTERED
PC BOARD CONNECTORS

Entry level feed-thru filtered connectors are drop-in replacements for unfiltered connectors. Footprints: 0.318" or 0.590". Current rating: 5A. Insulation resistance: 500M Ω minimum. Glass reinforced polyester insulator, rated UL94V-0. Tin-plated steel shell. Copper alloy contacts with 15 μ " gold plated over nickel. For more information see Insertion Loss vs Frequency Chart on page 729.



SPECIFICATIONS

Filter Type Suffix	Tol. %	3dB Cut-Off Freq. (MHz)	Dielectric Withstand Voltage (VDC)	WVDC	Insertion Loss (dB) @ Frequency (MHz)					
					50	100	200	500	1000	5000
-002	+20	70	700	200	1	3	6	36	20	11
-010	+20	7	700	200	10	17	38	14	12	10
-007	+20	7	700	200	12	28	39	15	13	10

SOCKET-TO-RIGHT ANGLE

Mfg. Part No.	Pins	Cap. pF	Stock No.	Price Each			
				1-4	5-9	10-24	25-49
56-100-002	9	100	34C9436	264.60	252.00	231.00	222.60

SOCKET-TO-SOLDER CUP

Mfg. Part No.	Pins	Cap. pF	Stock No.	Price Each			
				1-4	5-9	10-24	25-49
56-106-007	9	5600	34C9440	12.45	11.84	10.98	10.54
56-126-010	25	1000	34C9446	23.38	22.24	20.62	19.80
56-136-010	37	1000	34C9449	31.89	30.34	28.12	27.01

PIN-TO-PC BOARD TAIL

Mfg. Part No.	Pins	Cap. pF	Stock No.	Price Each			
				1-4	5-9	10-24	25-49
56-107-010	9	1000	34C9441	12.45	11.84	10.98	10.54
56-117-010	15	1000	34C9443	16.88	16.06	14.89	14.30
56-127-010	25	1000	34C9447	23.13	22.01	20.40	19.60

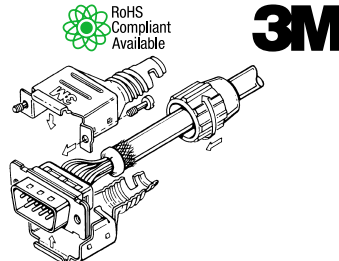
PIN-TO-SOCKET ADAPTERS

Mfg. Part No.	Pins	Cap. pF	Stock No.	Price Each			
				1-4	5-9	10-24	25-49
56-105-002	9	100	34C9438	20.75	19.75	18.30	17.58
56-105-007	9	5600	34C9439	18.81	17.90	16.59	15.94
56-115-010	15	1000	34C9442	25.75	24.50	22.71	21.82
56-125-002	25	100	34C9444	39.33	37.42	34.69	33.32
56-125-007	25	5600	34C9445	35.44	33.72	31.26	30.03
56-135-007	37	5600	34C9448	44.24	42.09	39.02	37.48

(68757)

D-SUB METAL JUNCTION SHELLS
FOR EMI/ESD PROTECTION

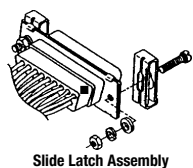
- Provide EMI/ESD Protection
- Grounding Available For Discrete Wire
- Easy Assembly
- Steel Shell With Nickel Plating
- Includes 2 Jack Screws
- Straight Cable Exit



Accommodates 3M mfg. part nos. 898XX, 899XX, 82XX and 83XX D-Sub connectors; ordered separately on page 727. Designed for use with 3M mfg. part nos. 3659 and 3750 round-jacketed flat cable, order separately on pages 1049-1050.

Mfg. Part No.	Type	Stock No.	Price Each			
			1-9	10-24	25-49	50-99
3357-9209	9	87F3873	4.22	3.75	3.54	3.35
3357-9215	15	87F3874	4.66	4.14	3.91	3.70
3357-9225	25	87F3875	5.33	4.74	4.47	4.23
3357-9237	37	87F3876	7.79	6.91	6.53	6.18

(8512)

AMPLIMITE®
D-SUB HARDWARE

Slide Latch Assembly



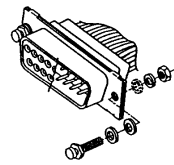
Male Screw Retainer Kit



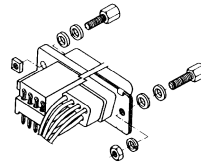
Spring Latch

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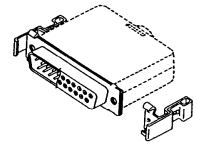
AMPLIMITE® D-SUB HARDWARE (CONT.)



Locking Post Assembly



Female Screwlock Kit



Spring Latch for Strain Reliefs

Female screwlock kits fit plastic or metal shell connector.

EMI/RFI - BRASS .006" (0.15MM) THICK, BRIGHT TIN-PLATED GASKETS

Mfg. Part No.	Positions	Stock No.	Price Each		
			1-24	25-99	100-499
5747024-3	9	42K7427	1.15	0.96	0.77
5747025-3	15	42K7428	3.13	2.61	2.09
745776-4	25	16M3427	1.40	1.17	0.93
745777-4	37	16M3428	1.59	1.33	1.06

GROMMET SET (4 PER SET)

747746-1	9, 15	95F2703	0.79	0.66	0.53
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SPRING LATCHES

745255-2	9, 15, 25, 37, 50	44F8760	2.97	2.70	2.48
745779-2	9, 15, 25, 37	44F8751	1.35	1.23	1.12

SCREWLOCK KITS FOR .050 SERIES, STAINLESS STEEL

Mfg. Part No.	Thread Size	Thread Length	Stock No.	Price Each		
				1-49	50-99	100-499
749087-2	4-40	0.173" (4.39)	92F4858	1.55	1.42	1.30
750831-1	4-40	0.180" (4.57)	08C3742	3.29	3.29	3.29
750644-1	4-40	0.205" (5.21)	66F3093	2.60	2.37	2.16
786585-2	2-56	0.205" (5.21)	99F8999	2.11	1.93	1.76

STAND-OFF BUSHINGS, ALUMINUM

5205933-4	...	...	16M3195	1.85	1.54	1.23
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FEMALE SCREWLOCKS - ZINC-PLATED STEEL

Mfg. Part No.	Connector Series	Chromate Finish	Thread Size	Thread Length	Stock No.	Price Each		
						1-24	25-99	100-499
5747223-3	HD/HDF	Clear	2-56	0.560" (14.22)	84K8486	2.79	2.33	1.86
5207719-1	HD/HDF	Yellow	4-40	0.560" (14.22)	16M3204	2.31	2.14	1.93
5207719-3	HDP/HDF	Clear	4-40	0.560" (14.22)	16M3205	3.64	3.38	3.04
5207952-1	HD Plastic	Yellow	4-40	0.250" (6.35)	68K1801	2.13	1.98	1.78
5745563-3	HDE	Clear	4-40	0.250" (6.35)	11M2043	1.69	1.41	1.13
5205817-1	HDP/HDF	Yellow	4-40	0.312" (7.92)	45K1514	2.37	2.20	1.98
5205817-3	HDP/HDF	Clear	4-40	0.312" (7.92)	60K8282	2.26	2.10	1.89
5205817-8	HDP/HDF	Yellow	4-40 MIL	0.312" (7.92)	89K8308	0.85	0.71	0.57
5207872-1	HDP/HDF	Yellow	M3	0.312" (7.92)	16M3206	5.08	4.24	3.39

INDIVIDUAL SCREWLOCKS (WASHERS AND NUTS NOT INCLUDED) - ZINC-PLATED STEEL

5207952-3	HD	Clear	4-40	0.250" (6.35)	16M3208	2.03	1.89	1.70
5748270-2	HDP/HDF	Yellow	4-40	0.312" (7.92)	16M3358	0.97	0.81	0.65
5748558-4	HDP/HDF	Clear	4-40	0.312" (7.92)	84K0760	1.90	1.59	1.27
5749765-3	HDP/HDF	Clear	M2	0.312" (7.92)	16M3374	1.32	1.10	0.88

LOCKING POST ASSEMBLY - STEEL, ZINC-PLATED

5206514-1	HD/HDE HDF/HDP	Yellow	4-40	...	57K9751	3.46	3.22	2.89
5206514-4	HD/HDE HDF/HDP	Clear	4-40	...	57K8609	5.92	4.94	3.95
5206514-6	HD/HDE HDF/HDP	Yellow	4-40	...	04M6126	3.69	3.43	3.08
5747242-1	HD/HDE HDF/HDP	Yellow	2-56	...	16M3350	2.82	2.36	1.88

MALE SCREW RETAINERS FOR METAL SHELL CONNECTORS - STEEL, ZINC-PLATED

5745136-3	HDE/HDP	Clear	4-40	0.200" (5.08)	16M3314	3.57	2.98	2.38
5745136-1	HDE/HDP	Yellow	4-40	0.200" (5.08)	04M4330	1.45	1.21	0.97
5205980-1	HDE/HDP	Yellow	4-40	0.220" (5.60)	45K1515	0.60	0.51	0.40
5746881-1	HDF	Clear	4-40	...	74K3524	3.09	2.88	2.58

MALE SCREW RETAINERS FOR PLASTIC SHELL CONNECTORS - STEEL, ZINC-PLATED

5205980-4	HDE/HDP	Clear	4-40	0.220" (5.60)	31K8737	0.72	0.60	0.48
5745647-1	HDE/HDP	Yellow	4-40	...	16M3333	2.07	1.93	1.73

SLIDE LATCH CLIPS - STAINLESS STEEL

(SCREWS / WASHERS / NUTS) - STEEL, ZINC-PLATED

Mfg. Part No.	Connector Series	Finish	Thread Size	Stock No.	Price Each		
					1-24	25-99	100-499
5745404-1	9	Yellow Chromate	4-40	16M3327	3.22	2.69	2.15
5745583-1	15	Clear Chromate	2-56	14M8511	5.97	4.99	3.98
5745583-5	15	Yellow Chromate	4-40	58K3487	3.57	2.98	2.38
5745583-7	15	Yellow Chromate	4-40	16M3332	5.95	4.97	3.97
745578-3	50	Yellow Chromate	4-40	44F8767	10.05	8.39	6.70

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D-SUB – ACCESSORIES

AMPLIMITE® D-SUB HARDWARE (CONT.)

LATCHING BLOCKS, ZINC - SLOT RECESS AND THRU-HOLES

Mfg. Part No.	Positions	Panel Size	Thread Size	Stock No.	Price Each		
					1-24	25-99	100-499
745286-2	9, 15, 25, 37	Front	...	24C2327	0.82	0.68	0.55
745245-2	9, 15, 25, 37	Rear	...	50F604	1.03	0.86	0.69
747080-2	9, 15, 25, 37	Rear	...	50B635	5.68	4.75	3.79
747784-8	9, 15, 25, 37	Rear	...	88F1342	4.15	3.73	3.39

LATCHING BLOCKS, ZINC - THREADED INSERTS

208101-8	9, 15, 25, 37	Front	4-40	90F5297	1.26	1.05	0.84
208101-1	9, 15, 25, 37	Front	M3	12H5471	1.85	1.54	1.23
747717-2	9, 15, 25, 37	Rear	4-40	53H6726	9.81	8.20	6.54
745403-8	9, 15, 25, 37	Rear	4-40	44F8752	2.27	1.90	1.52

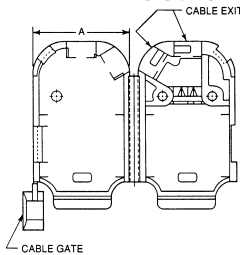
SLIDE LATCH CLIPS - STAINLESS STEEL
(SCREWS / WASHERS / NUTS) - STEEL, ZINC-PLATED

5748078-1	...	...	2-56	16M3356	6.84	5.71	4.56
5206942-1	...	...	4-40	16M3202	2.26	1.89	1.51

(8073)

HDP-20 AND HDE-20 SERIES
QUIK-SNAP BACKSHELL KIT

- All-Plastic Cable Clamp Kit for HDP-20 and HDE-20 Series D-Sub Connectors
- Ideal for Jacketed Cable
- Quick Assembly
- No Special Tools Required



Each kit has cable exit option of 180° or 120°, and includes 1 hinged clamp, 1 cable exit gate plug (used to close unused cable exit), 2 zinc-plated carbon steel screws, 1 stainless steel relief clip and 2 stainless steel retainer clips for metal-shell connector applications.

Mfg. Part No.	Positions	Dim. A	Stock No.	Price Each			
				1-24	25-99	100-249	250-499
5749914-2	9	0.785"	88K2949	2.12	1.83	1.49	1.28
5749915-2	15	1.110"	16M3376	2.05	1.78	1.45	1.24
5749626-2	25	1.650"	16M3372	3.40	2.95	2.40	2.06

(8068)

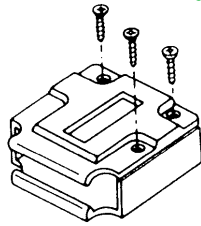
HDP-20 AND HDE-20
CABLE CLAMPS

Fig. 1

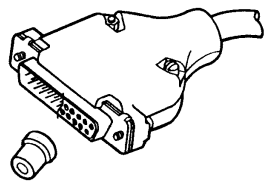


Fig. 2

For HDP-20 or HDE-20 series metal shell connectors.

BOX AND LID STRAIGHT/90° EXIT UNSHIELDED CABLE CLAMPS—FIG. 1

Black thermoplastic housing, gates, zinc-plated steel screws.

Mfg. Part No.	Positions	Cable O.D.	W x L	Stock No.	Price Each		
					1-24	25-49	50-99
207470-1	15	0.320"	1.078 x 1.700"	44F8741	2.71	2.45	2.26
207473-1	37	0.640"	2.268 x 1.700"	44F8743	2.86	2.60	2.38
207476-1	50	0.490"	2.178 x 1.700"	44F8734	2.88	2.62	2.40

BOX AND LID STRAIGHT/90° EXIT UNSHIELDED CABLE CLAMPS

WITH MALE SCREW RETAINERS

Black thermoplastic housing, gates, zinc-plated steel flat head screws and zinc-plated yellow chromate male screws. Stainless steel retaining clip.

5207908-1	9	0.160"	0.755 x 1.700"	01M5268	4.69	3.91	3.19
5207908-4	15	0.320"	1.078 x 1.700"	79K5162	5.88	4.90	4.00
5207908-7	25	0.390"	1.620 x 1.700"	16M3207	5.32	4.43	3.61
1-5207908-0	37	0.640"	2.268 x 1.700"	16M2663	5.07	4.22	3.45

STRAIGHT EXIT DATAPHONE CABLE CLAMPS

Black polyester housing. Cable outer diameter with gate 0.260", 0.340". Thread size: 4-40. Hardware included.

5745122-2	15	0.400"	1.575 x 1.312"	16M3311	12.35	10.28	8.39
5745121-2	25	0.500"	2.115 x 1.421"	16M3310	10.99	9.14	7.47

➤ CONTINUED ➤

HDP-20 AND HDE-20

CABLE CLAMPS (CONT.)

Mfg. Part No.	Positions	Cable O.D.	W x L	Stock No.	Price Each		
					1-24	25-49	50-99
Gray thermoplastic housing. Hardware included.							
● 5206471-1	15	0.350"	1.550 x 1.750"	16M3197	4.49	3.74	3.05
● 5206472-1	25	0.335"	2.090 x 1.750"	16M3198	6.06	5.04	4.12
● 5745134-1	25	0.460"	2.090 x 1.750"	16M3312	4.46	3.71	3.03
● 5745081-1	37	0.675"	2.738 x 1.750"	16M3309	4.76	3.97	3.24

CLAMSHELL STRAIGHT/45° EXIT UNSHIELDED CABLE CLAMPS

Black thermoplastic housing. Hardware included.

5205729-1	9	0.256"	0.750 x 1.625"	78K6716	3.75	3.12	2.55
5205730-1	15	0.320"	1.073 x 1.625"	79K1810	4.76	3.97	3.24
5205718-1	25	0.420"	1.615 x 1.625"	79K5114	3.44	2.86	2.34
5205731-1	37	0.490"	2.263 x 1.625"	16M3193	4.59	3.82	3.12
5205732-1	50	0.600"	2.168 x 1.625"	16M3194	4.56	3.80	3.10

CLAMSHELL STRAIGHT/45° EXIT UNSHIELDED CABLE CLAMPS

WITH MALE SCREW RETAINERS

Black thermoplastic housing and gates. Steel, zinc-plated yellow chromate male screws. Stainless steel retaining clip.

5206478-1	9	0.256"	0.750 x 1.625"	16M3199	3.24	2.70	2.20
5206478-2	15	0.320"	1.073 x 1.625"	16M3200	4.02	3.34	2.73
5206478-3	25	0.420"	1.615 x 1.625"	16M3201	4.06	3.38	2.76

HDP-20 AND HDE-20 SHIELDED CABLE CLAMPS WITH GROMMETS — FIG. 2

Straight exit RFI/EMI shields allow jacketed cable to be terminated to connector before shield is installed. For greater cable support, order type 747784-3 jack-screw kit separately below.

Mfg. Part No.	Description	Stock No.	Price Each		
			1-24	25-49	50-99
747784-3	2-Piece, 4-40 Jackscrew Kit	50F492	2.20	2.00	1.84

DIE CAST ZINC ALLOY SHIELD CABLE CLAMPS

Mfg. Part No.	Positions	Cable O.D.	W x L	Stock No.	Price Each		
					1-24	25-49	50-99
5748676-1	9	0.185-0.32"	1.215 x 1.91"	87K0249	7.14	5.95	4.86
5748676-2	15	0.185-0.32"	1.545 x 1.91"	16M3360	7.28	6.06	4.95
5748676-3	25	0.255-0.47"	2.090 x 1.92"	16M3361	7.59	6.31	5.16
5748676-4	37	0.255-0.47"	2.738 x 1.92"	16M3362	11.43	9.51	7.77
5748676-5	50	0.255-0.47"	2.644 x 1.92"	16M3363	18.43	15.34	12.52

METAL-PLATED PLASTIC SHIELD CABLE CLAMPS

5748677-1	9	0.185-0.32"	1.215 x 1.91"	16M3364	4.89	4.07	3.33
5748677-2	15	0.185-0.32"	1.545 x 1.91"	16M3365	12.58	10.48	8.55
5748677-3	25	0.255-0.47"	2.090 x 1.92"	16M3366	5.26	4.38	3.58
5748677-5	50	0.255-0.47"	2.644 x 1.92"	80K0901	25.10	20.89	17.05

BLACK PLASTIC SHIELD CABLE CLAMPS

5748678-1	9	0.185-0.32"	1.215 x 1.91"	16M3367	4.69	3.91	3.19
5748678-2	15	0.185-0.32"	1.545 x 1.91"	14M8868	5.89	4.90	4.00
5748678-3	25	0.255-0.47"	2.090 x 1.92"	16M3368	5.01	4.17	3.40
5748678-4	37	0.255-0.47"	2.738 x 1.92"	16M3369	4.90	4.08	3.33

STRAIGHT EXIT RFI/EMI METAL-PLATED PLASTIC SHIELDED CABLE CLAMPS

5745854-5	9	0.200"	1.215 x 1.910"	04M6854	11.73	9.77	7.97
5745854-3	9	0.250"	1.215 x 1.910"	80K7955	5.26	4.38	3.58
5745854-1	9	0.370"	1.215 x 1.910"	16M3342	5.41	4.50	3.68
5747099-5	15	0.300"	1.545 x 1.910"	16M3345	11.26	9.37	7.65
5747099-3	15	0.375"	1.545 x 1.910"	76K0842	5.34	4.45	3.63
5747099-1	15	0.430"	1.545 x 1.910"	16M3344	12.01	9.99	8.16
5745833-9	25	0.280"	2.090 x 1.920"	15M8294	4.92	4.10	3.34
5745833-7	25	0.350"	2.090 x 1.920"	16M3341	9.56	7.96	6.50
5745833-5	25	0.430"	2.090 x 1.920"	16M3340	5.44	4.53	3.70
5745833-1	25	0.530"	2.090 x 1.920"	76K0837	9.08	7.56	6.17

GROMMET SET

Mfg. Part No.	Positions	Description	Stock No.	Price Each		
				1-24	25-49	50-99
747973-1	25/37	Grommet Set	50F623	1.70	1.42	1.16

STRAIGHT EXIT RFI/EMI DIE CAST SHIELDED CABLE CLAMPS

Mfg. Part No.	Positions	Cable O.D.	W x L	Stock No.	Price Each		
					1-24	25-49	50-99
5745171-2	9/15	0.200"	1.215 x 1.910"	84K8483	8.44	7.02	5.73
5745171-1	9/15	0.250"	1.215 x 1.910"	16M3315	7.52	6.26	5.11
5745172-3	15/26	0.225"	1.545 x 1.910"	04M7291	8.67	7.22	5.89
5745172-2	15/26	0.300"	1.545 x 1.910"	16M3317	9.59	7.98	6.52
5745172-1	15/26	0.375"	1.545 x 1.910"	16M3316	8.27	6.88	5.62
5745173-5	25/44	0.280"	2.090 x 1.920"	16M3320	10.07	8.38	6.84
5745173-4	25/44	0.350"	2.090 x 1.920"	16M3319	7.93	6.60	5.39
5745173-3	25/44	0.430"	2.090 x 1.920"	58K3490	7.93	6.60	5.39
5745173-2	25/44	0.480"	2.090 x 1.920"	16M3318	13.40	11.15	9.11
5745174-5	37/62	0.350"	2.738 x 1.920"	84K8485	10.65	8.86	7.23
5745174-4	37/62	0.425"	2.738 x 1.920"	16M3322	10.68	8.89	7.26
5745174-3	37/62	0.500"	2.738 x 1.920"	16M3321	13.77	11.47	9.36
5745175-5	50/78	0.450"	2.644 x 1.920"	16M3324	24.01	19.98	16.31
5745175-4	50/78	0.525"	2.644 x 1.920"	16M3323	10.92	9.09	7.42
5745175-1	50/78	0.750"	2.644 x 1.920"	58K3483	13.84	11.52	9.41

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D-SUB – ACCESSORIES

HDP-20 AND HDE-20
CABLE CLAMPS (CONT.)

Mfg. Part No.	Positions	Cable O.D.	W x L	Stock No.	Price Each		
					1-24	25-49	50-99
For jacketed cable. Nickel-over-copper plate zinc alloy shield. Stainless steel slide latch.							
● 5745652-3	15	0.300"	2.31 x 1.285"	16M3335	21.25	17.69	14.44
● 5745652-1	15	0.430"	2.31 x 1.285"	16M3334	16.22	13.50	11.02
● 5745653-4	25	0.355"	2.85 x 1.285"	16M3337	25.27	21.03	17.17
● 5745653-3	25	0.430"	2.85 x 1.285"	16M3336	19.62	16.33	13.33

*0.405" for 90° exit
(8071)

HDP-20, HDP-22 and HDE-20
SHIELDING HARDWARE KITS

Kits contain: connector, inner and outer shield, enclosure, and 2 jack screws. Order contacts and ferrules separately; go online or call.

HDP-20 BASIC SHIELDING HARDWARE KITS

Mfg. Part No.	Shell Size	Posi-tions	Con- nector	Cable Insulation Diameter (inches)	Stock No.	Price Each		
						1-24	25-49	50-99
● 1658645-1	1	9	Plug	0.165 - 0.455	42K6674	1.51	1.36	1.25
● 5748526-1*	1	9	Plug	0.165 - 0.455	73K3937	11.13	9.34	7.49
● 1658647-1	2	15	Plug	0.165 - 0.455	42K6676	2.35	1.97	1.58
● 1658648-1	3	25	Plug	0.165 - 0.455	42K6677	1.66	1.51	1.40
● 1658650-1	4	37	Plug	0.338 - 0.480	42K6679	2.66	2.43	2.22
● 1658646-1	1	9	Socket	0.165 - 0.455	42K6675	1.96	1.64	1.32
● 5747539-1	2	15	Socket	0.165 - 0.455	42K7467	2.45	2.06	1.65
● 1658662-1*	3	25	Socket	0.165 - 0.455	42K6687	11.26	9.45	7.57
● 1658649-1	3	25	Socket	0.165 - 0.455	42K6678	1.66	1.51	1.40
● 1658651-1	4	37	Socket	0.338 - 0.480	42K6680	5.08	4.62	4.22

*Cinch nut mounting

HDP-20 SHIELDING HARDWARE ENCLOSURE KITS

● 1658655-1	1	9	Plug	0.190 - 0.375	42K6682	5.30	4.83	4.43
● 1658657-1	2	15	Plug	0.190 - 0.375	42K6684	7.79	6.54	5.24
● 1658659-1	3	25	Plug	0.217 - 0.435	42K6686	12.51	10.50	8.42
● 5747958-1	4	37	Plug	0.338 - 0.562	42K7490	26.77	22.47	18.01
● 1658661-1	5	50	Plug	0.338 - 0.562	16M2754	23.17	19.45	15.59
● 1658654-1	1	9	Socket	0.190 - 0.375	42K6681	8.52	7.15	5.73
● 1658656-1	2	15	Socket	0.190 - 0.375	42K6683	8.42	7.07	5.67
● 1658658-1	3	25	Socket	0.217 - 0.435	42K6685	12.81	10.75	8.62
● 1658660-1	4	37	Socket	0.338 - 0.562	16M2753	20.37	17.09	13.70
● 5747959-1	5	50	Socket	0.338 - 0.562	42K7491	13.96	12.69	11.64

HDP-22 BASIC SHIELDING HARDWARE KITS

● 1658675-1	1	15	Plug	0.165 - 0.455	42K6698	2.87	2.41	1.93
● 1658676-1	2	26	Plug	0.165 - 0.455	42K6699	10.99	9.23	7.40
● 1658677-1	3	44	Plug	0.165 - 0.455	16M2755	12.51	10.50	8.42
● 5748471-1	4	62	Plug	0.338 - 0.562	42K7494	15.09	12.66	10.15
● 5748472-1	5	78	Plug	0.338 - 0.562	16M3359	13.20	11.08	8.88
● 5748634-1	1	15	Socket	0.165 - 0.455	42K7500	5.43	4.56	3.65
● 1658687-1	2	26	Socket	0.165 - 0.455	16M2757	12.41	10.42	8.35

HDP-22 SHIELDING HARDWARE ENCLOSURE KITS

● 1658678-1	1	15	Plug	0.190 - 0.375	42K6700	12.68	10.64	8.53
● 1658679-1	2	26	Plug	0.190 - 0.375	42K6701	20.40	17.12	13.72
● 5748476-1	4	62	Plug	0.338 - 0.562	42K7495	28.19	23.66	18.96
● 5748477-1	5	78	Plug	0.338 - 0.562	42K7496	30.66	25.74	20.63
● 1658688-1	1	15	Socket	0.190 - 0.375	42K6709	21.55	18.09	14.50
● 1658689-1	2	26	Socket	0.190 - 0.375	16M2758	23.40	19.64	15.74
● 5748642-1	4	62	Socket	0.338 - 0.562	42K7502	22.08	18.54	14.86

HDE-20 BASIC SHIELDING HARDWARE KITS

Mfg. Part No.	Shell Size	Posi-tions	Con- nector	Cable Insulation Diameter (inches)	AWG	Stock No.	Price Each	
							1-24	25-99
● 747515-7	1	9	Plug	0.165 - 0.455	26-22	42K8819	10.76	9.03
● 1-747944-5	1	9	Plug	0.190 - 0.375	26-22	16M2680	19.11	16.04
● 1-747948-5	3	25	Plug	0.217 - 0.435	30-26	42K6578	8.91	7.48
● 1-747948-6	3	25	Plug	0.217 - 0.435	26-22	42K8657	23.40	19.64
● 747516-7	1	9	Socket	0.165 - 0.455	26-22	42K8820	13.60	11.42
● 1-747943-6	1	9	Socket	0.190 - 0.375	26-22	42K8653	11.92	10.00
● 1-747945-5	2	15	Socket	0.190 - 0.375	30-26	42K8654	21.88	18.37
● 747548-8	3	25	Socket	0.165 - 0.455	26-22	06M3076	18.48	15.52
● 1-747947-6	3	25	Socket	0.217 - 0.435	26-22	42K8656	25.91	21.75

+Gold flash plating
(40671)

AMPLIMITE®
ALUMINUM FERRULES

For shielded cable clamps, ordered separately on pages 731-732.



INNER-CRIMP FERRULES

Mfg. Part No.	Cable Diameter	Stock No.	Price Each		
			1-24	25-99	100-499
● 7-745129-2	.350" (8.90)	42K7663	0.51	0.41	0.33
● 7-745129-1	.430" (10.92)	42K7662	1.12	0.90	0.73
● 7-745129-6	.525" (13.34)	42K7665	2.63	2.09	1.70
● 7-745129-9	.240" (6.10)	42K7666	1.24	0.99	0.81
● 7-745129-0	.240" (6.10)	42K7661	1.00	0.80	0.65
● 6-745129-9	.365 - .370" (9.27 - 9.40)	42K7633	1.33	1.06	0.86

OUTER-CRIMP FERRULES

● 3-745130-9	.350" (8.90)	42K6872	0.45	0.36	0.29
● 4-745130-1	.430" (10.92)	42K8672	0.65	0.52	0.42
● 2-747580-3	.430" (10.92)	42K6841	0.45	0.36	0.29
● 4-745130-3	.240" (6.10)	42K6898	3.04	2.41	1.96
● 4-745130-5	.280" (7.11)	16M3095	0.87	0.69	0.56
● 3-745130-8	.240" (6.10)	42K6871	1.20	0.95	0.77
● 4-745130-0	.365 - .370" (9.27 - 9.40)	42K6897	1.75	1.39	1.13

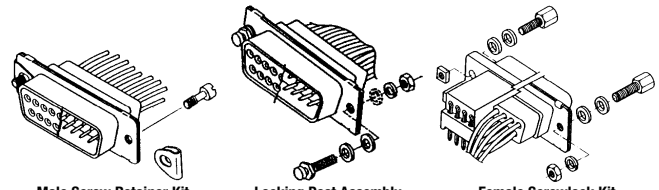
SPLIT-RING FERRULES

● 745508-3	.240" (6.10)	44F8826	0.29	0.23	0.19
● 745508-4	.280 - .300" (7.11 - 7.62)	44F8781	1.07	0.85	0.69
● 745508-6	.370 - .375" (9.40 - 9.53)	44F8783	0.33	0.26	0.21
● 745508-7	.470" (11.94)	44F8784	1.65	1.31	1.06

STEP FERRULES

● 3-747579-2	0.246-0.324" (6.25-8.23)	42K6873	0.21	0.17	0.14
● 3-747579-4	0.324-0.375" (8.23-9.53)	42K6874	0.24	0.19	0.15

(8072)

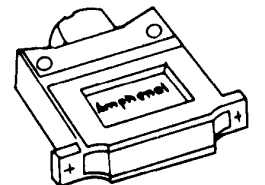
AMPLIMITE®
D-SUB HARDWARE

Mfg. Part No.	Description	Finish	Stock No.	Price Each
				1-9
● 5746881-1	Male Screw Retainer (HDF-20) Kit	Yellow	74K3524	3.09
● 5745647-1	Male Screw Kit for Plastic Shells	Yellow	16M3333	2.07
● 5207952-1	Short Female Screwlock Kit*	Yellow	68K1801	2.13
● 5207952-3	Short Female Screwlock Kit*	Clear	16M3208	2.03
● 5205817-1	Standard Female Screwlock Kit*	Yellow	45K1514	2.37
● 5205817-3	Standard Female Screwlock Kit*	Clear	60K8282	2.26
● 5207719-1	Long Female Screwlock Kit*	Yellow	16M3204	2.31
● 5207719-3	Long Female Screwlock Kit*	Clear	16M3205	3.64
● 5206514-1	2 Locking Post Assemblies	Yellow	57K9751	3.46
● 5206514-6	2 Locking Post Assemblies	Yellow	04M8126	3.69

*2 per pkg.
(69723)

17 SERIES D-SUB
METAL BACKSHELLSAmphenol
Commercial Products

2-piece die-cast zinc backsells (hoods) with clear zinc finish meet FCC docket 20780, shielding out EMI/RFI. PVC inserts accommodate a wide range of braided or foil-shielded cable. All units are jack screw models. Include clear zinc-finished steel mounting hardware.



Mfg. Part No.	Positions		Stock No.	Price Each			
	Standard	Hi-Density		1-24	25-99	100-249	250-499
● 17E165709	9	15	73K2964	4.82	4.53	3.80	3.51
● 17E165715	15	26	01M3401	5.07	4.76	4.00	3.69
● 17E165725	25	44	01M3402	5.15	4.84	4.06	3.75

➤ CONTINUED ➤

D-SUB – ACCESSORIES

17 SERIES D-SUB METAL BACKSHELLS (CONT.)

Mfg. Part No.	Positions		Stock No.	Price Each			
	Standard	Hi-Density		1-24	25-99	100-249	250-499
● 17E165737	37	62	01M3403	7.02	6.59	5.53	5.10
● 17E165750	50	78	84K7422	7.17	6.73	5.65	5.21

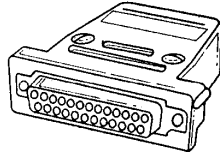
(8256)

17 SERIES METALIZED PLASTIC BACKSHELLS



Amphenol Commercial Products

2-piece, jack screw/grommet type shielded backsells fit both standard pin count and high density configurations. ABS polymer housing, PVC insert. Nickel over copper plating for EMI/RFI suppression. Hardware included.



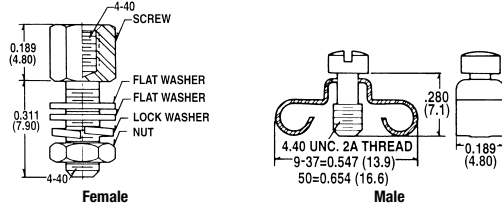
Mfg. Part No.	Fit Positions		Cable O.D. (in.)	Stock No.	Price Each			
	Standard	Hi-Density			1-24	25-99	100-249	250-499
● 17E17242	9	15	0.21-0.32	73K2965	3.13	2.82	2.36	1.88
● 17E17252	15	26	0.21-0.32	01M3405	3.41	3.07	2.56	2.05
● 17E17262	25	44	0.23-0.45	84K7425	3.70	3.33	2.78	2.22
● 17E17272	37	62	0.35-0.65	76K1342	5.34	4.80	4.02	3.20

(8280)

17 SERIES D-SUB LOCK ASSEMBLIES



Amphenol Commercial Products

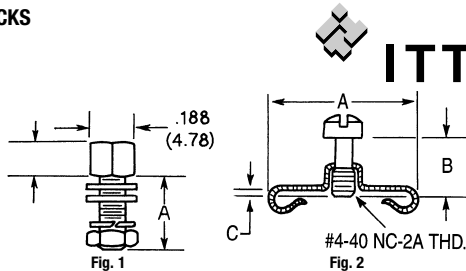


Mfg. Part No.	Description	Stock No.	Price Each			
			1-24	25-99	100-249	250-499
● L17D20419EX	Male 9-37	31M9657	4.59	4.31	3.62	3.34
● L17D20420EX	Male 50	31M9603	7.89	7.41	6.22	5.74
● L17D204182TX	Female—All	89K7398	3.09	2.90	2.44	2.25

(8257)

CANNON SCREW LOCKS

Male and female screw locks provide positive mating in vibration applications. Hardware is cold rolled steel with yellow chromate over cadmium finish and clip is sheet steel. Sold in packages of 2.



FEMALE—FIG. 1

Mfg. Part No.	Dimensions			Pkg.	Stock No.	Price Each
	A	B	C			
D20418-2	0.312"	...	...	2	93F3697	0.58
D20418-39*	0.625"	...	...	1	91B9256	0.79
D20418-50	0.500"	...	...	2	93F3460	4.91

MALE FOR CONNECTOR SIZE DE9, DA15, DB25, DC37—FIG. 2

Mfg. Part No.	Dimensions			Pkg.	Stock No.	Price Each
	A	B	C			
D20419	0.555"	0.250"	0.048"	2	93F3698	1.05
D20419-18	0.555"	0.281"	0.067"	1	52F9813	1.37
D20419-21*	0.555"	0.281"	0.092"	2	91B9111	1.21

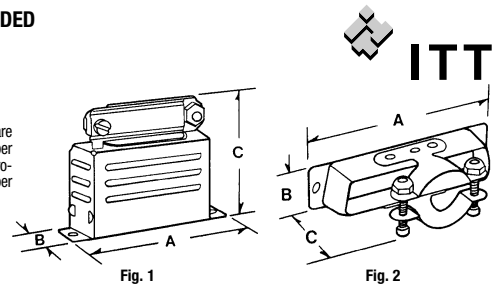
MALE FOR CONNECTOR SIZE DD50—FIG. 2

Mfg. Part No.	A	B	C	Pkg.	Stock No.	Price Each
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* Sold individually.
(8828)

CANNON UNSHIELDED BACKSHELLS

All unshielded backsells are made of low-carbon steel per ASTM A-620. Yellow chromate over cadmium finish per M85049 specifications.



DEEP STRAIGHT CLAMP — FIG. 1

Mfg. Part No.	No. of Contacts	Dimensions			Stock No.	Price Each	
		A	B	C		1-49	50-99
DE24657	9	1.203"	0.484"	1.250"	93F3708	6.06	5.13
DA24658	15	1.531"	0.484"	1.250"	93F3709	6.11	5.17
DB24659	25	2.078"	0.484"	1.563"	93F3710	5.50	4.65
DC24660	37	2.718"	0.484"	1.563"	93F3711	4.88	4.13
DD24661	50	2.625"	0.593"	1.688"	93F3712	5.74	4.86

ROUND CLAMP — FIG. 2

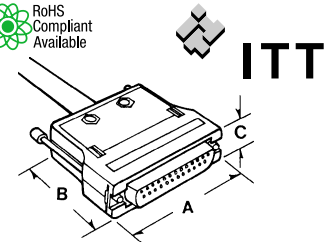
Mfg. Part No.	No. of Contacts	Dimensions			Stock No.	Price Each	
		A	B	C		1-49	50-99
DE44994	9	1.208"	0.500"	1.031"	93F3713	6.25	5.29
DA20961	15	1.531"	0.500"	1.031"	93F3714	5.68	4.81
DB20962	25	2.078"	0.500"	1.062"	93F3715	5.52	4.69
DC20963	37	2.718"	0.500"	1.062"	93F3716	5.74	4.88
DD20964	50	2.625"	0.609"	1.062"	93F3717	6.48	5.50

(8691)

CANNON SNAP-TOGETHER SHIELDED BACKSHELLS



Each kit consists of 1 front shell, 1 rear shell, 1 cable clamp and 2 screws. For commercial applications. Material: thermoplastic, UL94V-0 rated. Temperature range: -20°C to +80°C. Snap-together design for quick assembly. Made of ABS polymer with nickel over copper finish. Attenuation: -44dB at 1000MHz. Requires two mfg. part no. 250-8501-013 thumbscrews; order separately below.



BACKSHELLS — STRAIGHT CABLE EXIT

Straight Cable Exit

Mfg. Part No.	No. of Contacts	Dimensions			Stock No.	Price Each	
		A	B	C		1-9	10-24
● DE121073-154	9	1.213"	1.417"	0.630"	47M0065	18.75	16.48
● DA121073-150	15	1.539"	1.654"	0.630"	47M0058	19.99	16.98
● DB121073-151	25	2.087"	1.654"	0.630"	47M0061	11.99	10.19
DC121073-152	37	2.728"	1.654"	0.630"	93F8857	10.84	9.20

BACKSHELLS — 40° CABLE EXIT

Mfg. Part No.	No. of Contacts	A	B	C	Stock No.	Price Each
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● DE121073-54	9	1.417"	1.417"	0.630"	47M0066	10.25	8.70
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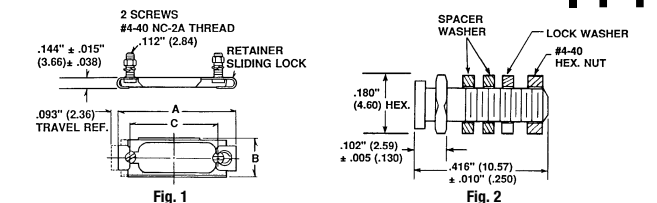
THUMBSCREW

Mfg. Part No.	Description	Stock No.	Price Each
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● 250-8501-013	Brass Thumbscrew	47M0134	0.60
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(8692)

CANNON SLIDE LATCH ASSEMBLIES



Slide latch kit includes stainless steel slide latch retainer, 2 each cadmium-plated steel mounting screws, lock washers, and hex nut. Order one assembly per connector. Slide lock post kit consists of 2 posts, 4 space washers, 2 lock washers, and 2 hex nuts. Steel with yellow chromate over 100µ cadmium finish. Order one kit per connector.

SLIDE LATCH KITS, FIG. 1

Mfg. Part No.	Dimensions			Stock No.	Price Each	
	A	B	C		1-49	50-99
DE51224-1.	1.380"	0.500"	0.984"	93F8849	1.35	1.15
DA51220-1.	1.720"	0.500"	1.312"	93F3702	1.31	1.12
DB51221-1.	2.260"	0.500"	1.852"	93F8850	1.24	1.06
DC51222-1	2.908"	0.500"	2.500"	93F8851	2.88	2.45

▶ CONTINUED ▶

CONNECTORS & ACCESSORIES

● Indicates RoHS Compliant

D-SUB – ACCESSORIES

CANNON SLIDE LATCH ASSEMBLIES (CONT.)

SLIDE LOCK POST KITS, FIG. 2

Mfg. Part No.	Material	Stock No.	Price Each	
			1-49	50-99
D53018	Steel	93F3701	0.43	0.37

(8695)

CANNON SPRING LATCH ASSEMBLIES

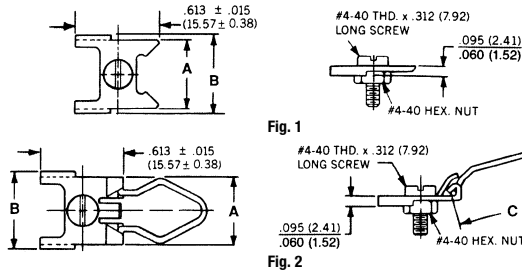


Fig. 1

Fig. 2

Stainless steel spring latch plate kit consists of 2 plates, 2 screws, 2 lock washers, and 2 nuts. Stainless steel spring latch kit includes 2 springs, 2 screws, 2 brackets, 2 lock washers, and 2 hex nuts. Front panel mounting. Order one of each per connector.

SPRING LATCH PLATE KITS, FIG. 1

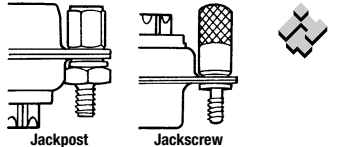
Mfg. Part No.	Dimensions			Stock No.	Price Each	
	A	B	C		1-49	50-99
D110278	0.484"	0.556"	...	35C1702	1.02	
D110280	0.609"	0.673"	...	35C1704	1.07	

SPRING LATCH KITS, FIG. 2

D110279	0.609"	0.673"	0.732"	35C1703	1.36	
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(8696)

CANNON JACKSCREW AND JACKPOST ASSEMBLIES



Jackpost

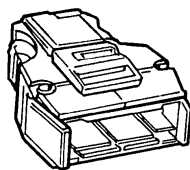
Jackscrew

Stainless steel jackpost kit consists of 2 posts, 2 nuts, and 2 lockwashers. Stainless steel jackscrew kit consists of 2 studs, 2 heads, and 1 tube retaining compound. Order one kit per connector.

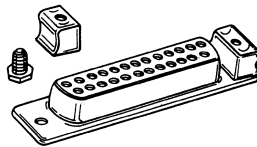
Mfg. Part No.	Description	Stock No.	Price Each	
			1-49	50-99
D110551	Jackpost Kit	93F3699	4.60	3.91
D110550	Jackscrew Kit	93F3700	15.50	13.19
2508501004	4-40 Recessed Jackscrew Kit	50B1506	2.95	2.51
D20418-74	Jackpost Kit	90B6231	5.33	4.53

(8697)

D-SUB CONNECTOR ADAPTER SYSTEM



Hood with Latches



Latching Blocks for Adapter System

Commercial-grade 2-piece, modified phenylene oxide snap-on straight adapter hoods captivate metal shell D-sub connectors, ordered separately. Available with latches or with filler ends. Standard cable opening. Latching blocks, ordered separately below, are constructed of diecast zinc and include nickel-plated steel SEM screws.

STRAIGHT ADAPTER HOODS WITH LATCHES*

Mfg. Part No.	Size	Stock No.	Price Each	
			1-24	25-49
● SDHH-9BL	9	12M1549	1.57	1.43
● SDHH-15BL	15	12M1537	2.88	2.30

➔ CONTINUED ➔

D-SUB CONNECTOR ADAPTER SYSTEM (CONT.)

Mfg. Part No.	Size	Stock No.	Price Each	
			1-24	25-49
● SDHH-25BL	25	12M1541	1.91	1.75
● SDHH-37BL	37	12M1545	1.91	1.75

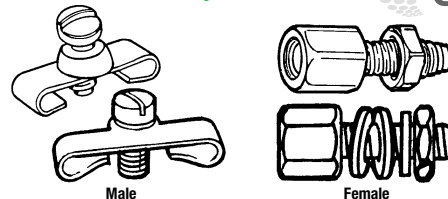
* Works with all metal D-sub except FC series and wire-wrap termination.

LATCHING BLOCKS

Mfg. Part No.	Panel Thickness	Stock No.	Price Each	
			1-24	25-49
SD-LB-060-080	0.060" or 0.080"	44F5630	1.74	1.59
SD-LB-125	Up to 0.125"	44F5629	1.76	1.61

(8674)

COMMERCIAL SCREW LOCK ASSEMBLIES



Male

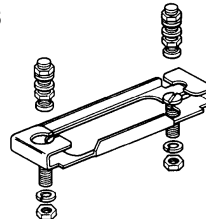
Female

P = pin. S = socket. (*) = use with junction shell. (**) = use with or without junction shell. All male except mfg. part no. D-20418-2 which is female.

Mfg. Part No.	Usage (For Shell Size)	Stock No.	Price Each	
			1-24	25-49
● D20419-40	A,E (P or S); B,C (S only)	11M3134	0.70	0.58
● D20419-46	A,E (P or S); B,C (S only)*	03M4751	1.23	1.01
D-20420-0	D Socket	43F232	1.05	0.87
● D20420-42	D Socket w/Junction Shell	11M3135	1.33	1.10
● D20418-42	E,A,B,C,D (P or S)**	86K8665	1.30	1.07

(8753)

SLIDING LOCK ASSEMBLIES

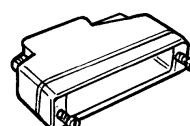


Assembly consists of lock retainer and two screws. Each lock retainer requires two mfg. part no. D-53018 lock posts, ordered separately below.

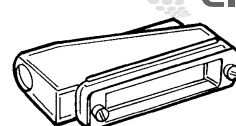
Mfg. Part No.	Shell Size	Contacts	Stock No.	Price Each	
				1-24	25-49
DE-51224-1	E	9	85F8015	1.74	1.52
DA51220-1	A	15	78B432	1.66	1.45
DB-51221-1	B	25	57F3201	1.80	1.57

(8709)

ALL-PLASTIC STRAIGHT AND RIGHT-ANGLE HOODS



Straight



Right-Angle

Mfg. Part No.	Contacts	Description	Stock No.	Price Each	
				1-24	25-49
DE-51218-1	9	Straight	45F990	3.62	3.35
DA-51210-1	15	Straight	45F991	3.98	3.69
DB-51212-1	15	Straight	29F2663	4.16	3.85
DB-51213-1	25	Rt. Angle	44F5594	3.10	2.88

(8756)

D-SUB – ACCESSORIES

DUST CAPS

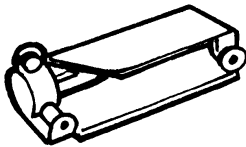


Polyethylene caps protect connectors from performance-affecting debris. Available in other shell sizes, go online or call.

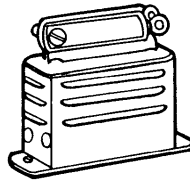
Mfg. Part No.	Contacts	Connection	Stock No.	Price Each	
				1-24	25-49
● DE60-20	9	Plug	85F8017	2.13	1.66
● DE-59-20	9	Socket	85F8016	2.13	1.66
● DA-60-20	15	Plug	50F4006	2.13	1.66
● DB60-20	25	Plug	85F8012	2.01	1.56
● DB59-20	25	Socket	85F8011	2.01	1.56

(8758)

RIGHT-ANGLE AND DEEP STRAIGHT CLAMP JUNCTION SHELLS



Right-Angle Clamp



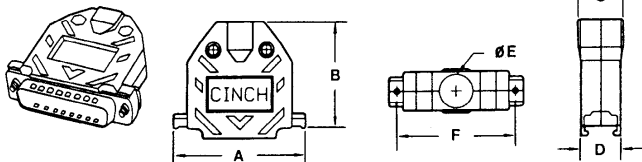
Deep Straight Clamp

Low carbon steel shell; zinc with yellow chromate finish. Available in 37 contact position.

Mfg. Part No.	Contacts	Description	Stock No.	Price Each	
				1-24	25-49
● DE-19977-30	9	Rt. Angle	80K5260	4.28	3.97
● DE-24657-30	9	Straight	11M2997	5.15	4.77
● DA-19977-31	15	Rt. Angle	11M2949	3.77	3.49
● DA-24658-31	15	Straight	03M4753	5.00	4.64
● DB-19977-32	25	Rt. Angle	06M3362	3.77	3.49
● DB-24659-32	25	Straight	11M2960	4.13	3.83
● DC-24660-33	37	Straight	11M2973	4.28	3.97

(8757)

TWO-PIECE BACKSHELLS



Fit both standard and 1.5 density D-sub connectors. **DMH series** diecast zinc cover, PVC inserts, steel, zinc-plated hardware. **DCH series** metallized plastic cover, nickel-over-copper plating, PVC inserts, steel, zinc-plated hardware. **DPH series** black plastic cover, PVC inserts, steel, zinc-plated hardware. Diecast and metallized plastic hoods provide EMI/RFI shielding. Available in 37 contact position. 4th letter in mfg. part no. = shell size.

CABLE DIAMETER RANGES

Shell Size E & A.....0.210"/0.320"

Shell Size B.....0.230"/0.450"

Shell Size C & D.....0.350"/0.650"

EMI/RFI SHIELDED DIECAST BACKSHELLS

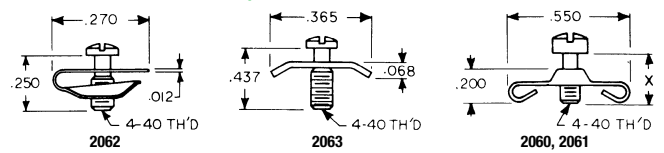
Mfg. Part No.	Contacts		Dimensions (Inches)				Stock No.	Price Each	
	Std.	1.5	B	D	E	F		1-24	25-49
● DMH-E-003	9	15	1.465	.620	.400	0.984	11M3081	4.96	4.34
● DMH-A-003	15	26	1.600	.620	.400	1.312	11M3078	5.56	4.86
● DMH-B-003	25	44	1.570	.620	.525	1.857	11M3079	6.07	5.31
● DMH-C-003	37	62	1.810	.620	.725	2.500	11M3080	7.36	6.43

PLASTIC (DPH) AND METALLIZED PLASTIC (DCH) BACKSHELLS

● DCH-E-003	9	15	1.547	.645	.400	0.984	11M2976	3.74	3.27
● DPH-E-001	9	15	1.547	.645	.400	0.984	50F5658	2.28	2.00
● DCH-A-003	15	26	1.516	.645	.400	1.312	10M9883	3.97	3.47
● DPH-E-003	15	26	1.516	.645	.400	1.312	11M3092	1.84	1.67
● DCH-B-003	25	44	1.655	.645	.522	1.857	11M2974	4.85	3.88
● DPH-B-003	25	44	1.655	.645	.522	1.857	11M3091	2.80	2.44
● DCH-D-001	50	78	1.855	.750	.725	2.406	50F5665	7.84	6.27

(8759)

CONNECTOR MOUNTING HARDWARE

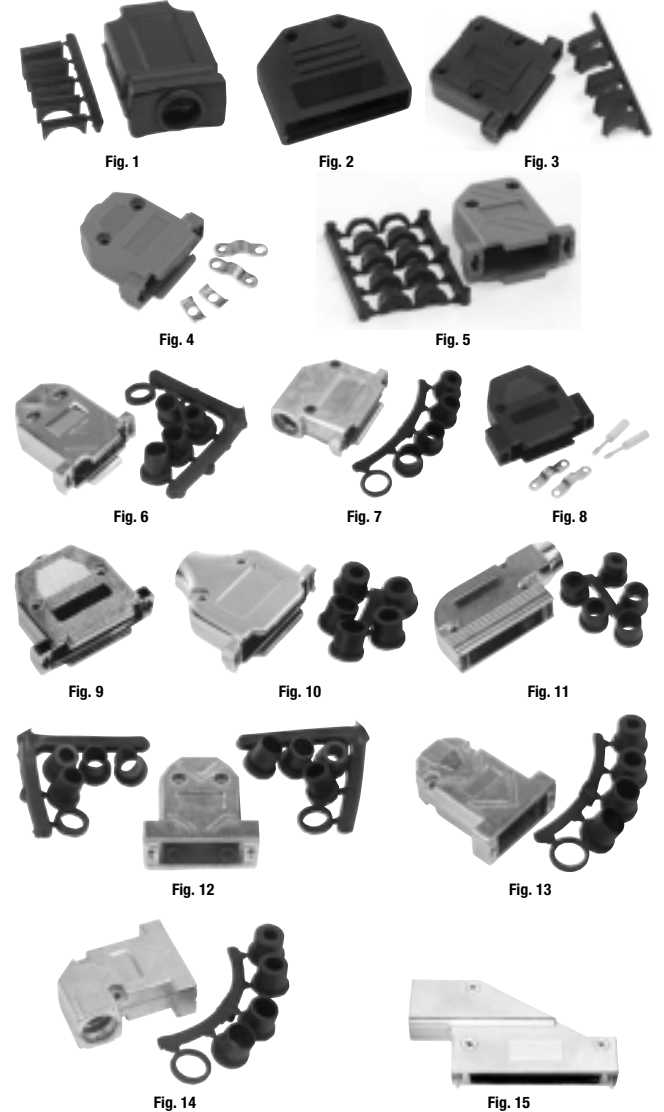


Standard clips and washers feature steel, zinc plate and gold iridite material. Sold in packages of 100.

Mfg. Part No.	Description	Stock No.	Price per Pkg.
			1-4
● 2062	"U" Clip	58K2890	35.97
● 2063	Saddle Washer	60K7095	40.23
● 2060	"Bow-Tie" Clip—4-40 x 1/4	16F2049	44.55
● 2061	"Bow-Tie" Clip—4-40 x 5/32	59K0318	48.84

(9399)

DELUXE AND ECONOMY D-SUB CONNECTOR COVERS



1-pc. plastic covers fit all standard EIA cable and D-sub connectors from most manufacturers. Half-moon insert system grips and prevents slippage or twisting of cable. Black polypropylene cover and insert. 1-pc. dual exit plastic cover features slotted thumbscrews and hinged snap-locking design in 25 positions. Black nylon 6% cover, UL94V-2 rated, with black zinc-finished steel screw machined thumbscrews. 2-pc. plastic covers feature split-jacket insert system that accepts most cable sizes. Gray or black styrene plastic cover, rated UL94V-0, with zinc-finished steel hardware. Metallized-plastic covers feature nickel-over-copper plating, UL94-HB rated, and PVC insert, UL94V-0 rated. Feature compression insert system that performs effectively with foil or braid shields. Metal covers feature compression insert system that produces a strong mechanical connection with most cable sizes. Straight or right-angle cable exit design. Accommodate standard D-sub connectors from most manufacturers.

➤ CONTINUED ➤

D-SUB – ACCESSORIES

DELUXE AND ECONOMY
D-SUB CONNECTOR COVERS (CONT.)

DELUXE 1-PIECE STRAIGHT PLASTIC COVERS

Mfg. Part No.	Positions	Fig.	Stock No.	Price Each		
				1-24	25-49	50-99
PMS-506-9	9	1	51N1283	1.17	0.98	0.90
● SPC14980	9	1	80K5394	1.17	0.98	0.90
● SPC14982	15	1	80K5395	1.28	1.08	0.98
● SPC14985	25	1	80K5396	1.43	1.21	1.10

DELUXE 1-PIECE STRAIGHT PLASTIC COVERS WITH THUMBSCREW

● SPC15472	9	2	79K5044	4.05	3.03	2.80
● SPC15396	15	2	79K4979	4.17	3.12	2.87
● SPC15451	25	2	79K5027	4.22	3.16	2.91
● SPC15317	37	2	79K4911	4.59	3.44	3.17

DELUXE 1-PIECE PLASTIC DUAL-EXIT COVER

DELUXE 2-PIECE STRAIGHT PLASTIC COVERS

● SPC15476	9	4	79K5048	1.63	1.22	1.13
● SPC15438	15	4	79K5018	1.69	1.26	1.17
● SPC15461	25	4	79K5035	1.69	1.26	1.17
● SPC15330	37	4	79K4922	1.67	1.25	1.15
● SPC15242	50	4	79K4839	1.79	1.36	1.25

DELUXE 2-PIECE 45° PLASTIC COVERS

● SPC14936	9	5	80K5370	1.90	1.61	1.46
● SPC14937	15	5	80K5371	2.09	1.77	1.61
● SPC14939	25	5	80K5372	2.29	1.93	1.76
● SPC14941	37	5	80K5373	2.75	2.33	2.11

ECONOMY 2-PIECE 45° PLASTIC COVERS

● SPC15226	9	8	79K4825	1.84	1.38	1.27
● SPC15204	25	8	79K4806	2.19	1.64	1.51

DELUXE 45° METALLIZED-PLASTIC COVERS

● SPC14995	9	5	80K5405	2.87	2.42	2.20
● SPC14997	15	5	80K5407	2.98	2.52	2.29
● SPC14998	25	5	80K5408	3.25	2.75	2.50
● SPC15001	37	5	80K5410	5.04	4.26	3.87

DELUXE STRAIGHT METALLIZED-PLASTIC COVERS

● SPC14987	9	6	80K5398	2.75	2.33	2.11
● SPC14988	15	6	80K5399	2.87	2.42	2.20
● SPC14990	25	6	80K5401	3.10	2.62	2.38
● SPC14992	37	6	80K5403	4.84	4.09	3.72
● SPC14962	50	6	80K5383	6.57	5.55	5.03

ECONOMY STRAIGHT METALLIZED-PLASTIC COVERS

● SPC15425	9	9	79K5005	2.52	1.89	1.74
● SPC15265	15	9	79K4862	1.62	1.22	1.12
● SPC15298	25	9	79K4892	1.70	1.27	1.17
● SPC15202	37	9	79K4804	2.06	1.57	1.43
● SPC15137	50	9	79K4750	2.60	1.98	1.81

DELUXE STRAIGHT METAL COVERS

● SPC15003	9	6	80K5412	5.42	4.58	4.16
● SPC15005	15	6	80K5414	5.65	4.78	4.34
● SPC15007	25	6	80K5416	5.77	4.88	4.43
● SPC15009	37	6	80K5418	7.86	6.64	6.03
● SPC15011	50	6	80K5420	9.81	8.29	7.50

ECONOMY STRAIGHT METAL COVERS

● SPC15468	9	10	79K5042	4.07	3.05	2.80
● SPC15387	15	10	79K4970	6.11	4.57	4.20
● SPC15455	25	10	79K5030	7.13	5.34	4.90
● SPC15310	37	10	79K4904	7.35	5.60	5.12
● SPC15234	50	10	79K4833	7.89	6.01	5.49

DELUXE RIGHT-ANGLE METAL COVER

● SPC14952	25	7	80K5377	7.86	6.64	6.01
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ECONOMY RIGHT-ANGLE METAL COVER

● SPC15128	15	11	79K4744	3.49	2.95	2.68
● SPC15381	25	11	79K4964	6.74	5.13	4.69

STRAIGHT METAL RIBBON CABLE COVER

● SPC14953	25	...	80K5378	6.62	5.60	5.08
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METAL ETHERNET COVERS

● SPC14944	15	12	80K5374	6.89	5.82	5.29
● SPC14945	15	13	80K5375	6.89	5.82	5.29
● SPC14947	15	14	80K5376	7.16	6.05	5.50

SCSI RIGHT-ANGLE METAL CONNECTOR HOOD COVER

● SPC15030	68	15	80K5429	9.80	8.36	7.56
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(8875)

LOW AND ULTRA
LOW PROFILE
D-SUB COVERS
SPC
TECHNOLOGY

 RoHS
Compliant
Available

Specifications:

- Cover Material: zinc alloy
- Cover Finish: nickel over copper under-plate

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	5-9
● SPC20348	Ultra Low-Profile D-Sub Cover, 9-Pin	84K8881	5.48	4.44
● SPC20349	Ultra Low-Profile D-Sub Cover, 15-Pin	84K8882	6.10	4.93
● SPC20350	Ultra Low-Profile D-Sub Cover, 25-Pin	84K8883	7.74	6.26
● SPC20351	Low-Profile D-Sub Cover, 37-Pin	84K8884	9.61	7.78

(88562)

D-SUB CONNECTOR HARDWARE

 RoHS
Compliant
Available

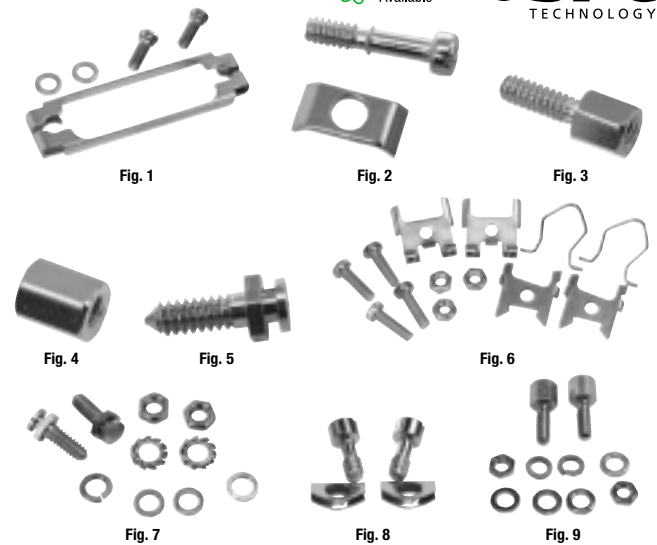
SPC
TECHNOLOGY


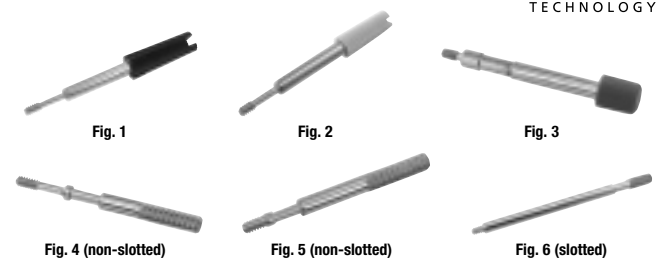
Figure 3 comes with 4 washers and 2 hex nuts.

Mfg. Part No.	Fig.	Description	Stock No.	Price Each	
				1-24	25-49
● SPC15149	1	15-Way Slide Latch	79K4759	1.45	1.23
● SPC15165	1	25-Way Slide Latch	79K4769	1.58	1.35
● SPC21089	1	Narrow Track	10M8340	1.40	1.19
● SPC15216	2	Shoulder Screw & Saddle Washer	79K4817	0.38	0.32
● SPC15403	3	Hex Locking Screw Set	79K4985	0.66	0.56
● SPC15292	3	Hex Locking Screw Thread, Pkg. of 2	79K4887	0.81	0.69
● SPC15382	4	Hex Extender, Pkg. of 2	79K4965	0.43	0.37
● SPC21090	5	Slide Locking Post with Nut	10M8341	0.61	0.52
● SPC21091	5	Slide Locking Post without Nut	10M8342	0.59	0.50
● SPC15378	6	Spring Latch Lock	79K4962	1.39	1.18
● SPC15162	7	Locking Post, Pkg. of 2	79K4768	1.03	0.87
● SPC15081	8	Male Screwlock Set, Pkg. of 2	80K5430	2.10	1.79
● SPC15082	9	Female Screwlock Set, Pkg. of 2	80K5431	2.49	2.12

(18929)

HANDLE THUMBSCREWS

 RoHS
Compliant
Available

SPC
TECHNOLOGY


➤ CONTINUED ➤

D-SUB – ACCESSORIES

HANDLE THUMBSCREWS (CONT.)



Fig. 7



Fig. 8



Fig. 9

Rugged steel construction with nickel or clear zinc plating. Choice of plastic, metal, or machined handle. Threadsize: #4-40 except **mfg. part no. SPC9940** which is M3.5 x 0.6. Sold in packages of 2.

Mfg. Part No.	Fig.	Handle	Length	Stock No.	Price Each	
					1-24	25-49
● SPC15245	1	Plastic	2.075"	79K4842	0.79	0.67
● SPC15288	2	Plastic	1.93"	79K4885	0.79	0.67
● SPC15249	3	Plastic	1.95"	79K4846	1.02	0.87
● SPC15199	4	Metal	1.728"	79K4801	0.50	0.42
● SPC15270	5	Metal	1.732"	79K4867	0.50	0.42
● SPC15168	6	Metal	2.843"	79K4772	1.28	1.08
● SPC15335	7	Metal	1.457"	79K4927	0.73	0.62
● SPC15185	8	Metal	1.287"	79K4788	1.59	1.35
● SPC14960	9	Machined	0.800"	80K5381	1.68	1.43
● SPC14961	9	Machined	1.875"	80K5382	1.80	1.52

(8847)

D-SUB CONNECTOR DUST COVERS



Clear plastic dust covers protect D-sub connectors from harmful debris. Not EMV/RFI rated.

Mfg. Part No.	Description	Stock No.	Price Each		
			1-9	10-24	25-49
● SPC15022	9-Pin Plug	80K5421	6.20	5.27	4.76
● SPC15023	9-Pin Socket	80K5422	6.20	5.27	4.76
● SPC15024	15-pin Plug	80K5423	6.65	5.69	5.16
● SPC15025	15-pin Socket	80K5424	6.65	5.69	5.16
● SPC15026	25-Pin Plug	80K5425	6.20	5.27	4.76
● SPC15027	9-Pin Socket	80K5426	6.20	5.27	4.76
● SPC4255	37-Pin Plug	84N1245	8.18	6.95	6.28
● SPC15028	37-Pin Plug	80K5427	8.18	6.95	6.28
● SPC15029	37-Pin Socket	80K5428	6.65	5.69	5.16

(31985)

D-SUB PANEL PUNCHES

- Accurate Punch-Out Conforms to Plug or Receptacle
- Burr-Free on Panel Front
- Quality-Built Punch/Die Set Can Be Re-Ground to Sharpen
- Punch cuts hole in 22- to 16-gauge steel or aluminum panel material.



15-Pin Punch Shown



D-SUB CONNECTOR PANEL PUNCHES

Mfg. Part No.	Description	Stock No.	Price Each
DSP-9P	9-Pin, RS-449 STD	44N1084	244.59
DSP-15P	15-Pin Connectors	44N1085	244.59
DSP-25P	25-Pin, RS-232 STD	81N2660	244.59
DSP-37P	37-Pin, RS-449 STD	44N1088	244.59
DSP-50P	50-Pin Connectors	44N1089	378.72

RIBBON CONNECTOR PANEL PUNCHES

RBC-24	24-Pin Ribbon D-Subs	46N7349	378.72
RBC-36	36-Pin Ribbon D-Subs	46N7350	378.72
RBC-50	50-Pin Ribbon D-Subs	46N7351	378.72
BBCMK-50-3M	50 Pin Delta Ribbon D-Subs	46N7352	410.28

REPLACEMENT PARTS FOR D-SUB CONNECTOR PUNCHES

RKD-9	3 Screws for Mfg. part no. DSP-9 Panel Punch	89N101	3.45
RKD-15	15-Pin Kit	89N102	9.84
RKD-15	5 Screws for Mfg. part no. DSP-15 Panel Punch	89N102	9.84

REPLACEMENT PARTS FOR RIBBON CONNECTOR PUNCHES

RKDR-24-50	7 Screws for Mfg. part nos. DSP-24, -25, -36, -37, -50, RBC-24, -25, -36, -37, -50 and BBCMK-50-3M Panel Punches	89N103	9.49
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➔ CONTINUED ➔

D-SUB PANEL PUNCHES (CONT.)

Adhesive-backed templates serve as a guide to accurately locate and position punch-out. For use with D-subminiature connector panel punches.

Mfg. Part No.	Description	Stock No.	Price Each
DSP-9-T	9-Pin Template	44N1091	9.27
DSP-15-T	15-Pin Template	44N1092	9.27
DSP-24-T	24-Pin Template	44N1093	11.39
DSP-25-T	25-Pin Template	37N2210	9.27
DSP-36-T	36-Pin Template	44N1096	11.39
DSP-37-T	37-Pin Template	44N1094	9.27

(8774)

2-PC. 45° METAL D-SUB CONNECTOR COVERS



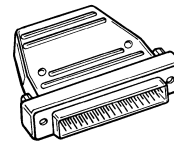
Low-profile, lightweight zinc die-cast D-sub connector covers provide excellent EMV/RFI shielding where space is at a premium. Finished with a durable nickel over copper underplate. Feature fully tapped holes that allow for easy assembly. Accommodate cable outer diameters ranging from 0.157" to 0.465". Come complete with 4-40 UNC thumbscrews and two-piece plastic strain relief system.

Mfg. Part No.	Pins	Stock No.	Price Each	
			1-24	25-49
● SPC15087	9	80K5432	7.65	
● SPC15088	15	80K5433	8.04	
● SPC15089	25	80K5434	9.05	
● SPC15090	37	80K5435	11.10	

(47374)

D-SUB PLASTIC HOODS WITH INTERNAL CABLE CLAMPS

2-piece shielded plastic hoods (backshells). Cable knockouts in place. Straight or right-angle cable outlets made by user. All have standard screws except **mfg. part no. 17-1587-9**, which has long jack screws.

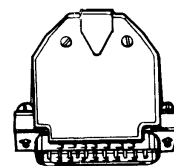


Mfg. Part No.	Positions	Stock No.	Price Each	
			1-9	10-24
● 17-1587-06	9	38F1800	4.60	3.72
● 17-1587-9	9	88F2145	18.76	13.44
● 17-1588-06	15	38F1801	3.20	2.56
● 17-1589-06	25	38F1802	4.60	3.72
● 17-1590-06	37	38F1803	3.20	2.56
● 17-1591-06	50	38F1804	5.11	4.13

(9011)

D-SUB HOODS WITH INTERNAL CABLE CLAMPS

2-piece hoods are shielded, with cable knock-outs in place. Straight or right-angle cable outlets made by user. All units are jack screw models.

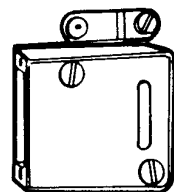


Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-9	10-24
● 17-1724-2	9	90F8721	2.62	2.10
● 17-1725-2	15	90F8722	2.76	2.21
● 17-1726-2	25	90F8723	5.31	4.25
● 17-1727-2	37	90F8724	5.53	4.47

(9010)

D-SUB HOODS WITH EXTERNAL CABLE CLAMPS

2-piece screw lock hoods (backshells) with cable clamp allow side or top cable entry. Glass-filled nylon body. Steel clamp and hardware.



Mfg. Part No.	Positions	Stock No.	Price Each	
			1-24	25-49
● 17-1370	9	38F1411	5.11	4.25
● 17-1371	15	38F1412	5.90	4.90

➔ CONTINUED ➔

D-SUB – ACCESSORIES • D-SUB – APPLICATION TOOLING

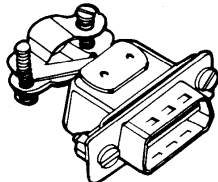
D-SUB HOODS WITH EXTERNAL CABLE CLAMPS (CONT.)

Mfg. Part No.	Positions	Stock No.	Price Each	
			1-24	25-49
● 17-1372	25	38F1413	5.97	4.96
● 17-1373	37	38F1414	5.40	4.49
● 17-1374	50	38F1415	6.30	5.24

(9013)

D-SUB CABLE CLAMP ASSEMBLIES

Adapt connector for cable-to-panel or cable-to-cable applications.



RoHS Compliant Available



Mfg. Part No.	Shell Size	Stock No.	Price Each	
			1-9	10-24
● 17-310-01	E/9	39F1380	7.06	5.70
● 17-311-01	A/15	39F1381	5.31	5.31
● 17-312-01	B/25	39F1382	7.86	6.31

(9014)

D-SUB LOCK ASSEMBLIES

RoHS Compliant Available



Mfg. Part No.	Description	Stock No.	Price Each	
			1-24	25-49
● 17-529	Shells E,A,B,C (9-37)	39F1390	3.62	2.99
● 17-768	Shells E,A,B,C,D (9-50)	39F1391	4.09	3.37
● 17-893	Jack socket	81F5203	4.75	3.92
● 17-895	Set*	81F5205	7.75	6.40

*Includes: 2 jack screws, washers, 2 jack sockets, retainer rings, nuts.

(9012)

SCISSOR STYLE CRIMP AND RATCHET TOOLS



TH-450

TR-482

Mfg. part no. TH-450 scissors style crimp tool is the most versatile heavy-duty tool 3M™ has ever offered. Crimp wire range of 26-6 AWG. It is a high-quality, compact crimping tool with cushioned vinyl handles and made of 1.40" (35.5mm) high-strength, heat-treated carbon steel. Features include: wire cutter, insulated and uninsulated terminal crimping stations, 5-position bolt cutter, and a funnel-shaped wire stripper.

Mfg. Part No.	Description	Stock No.	Price Each
TH-450 CRIMPING TOOL	Scissors Style Crimp Tool	19C8886	78.07

Mfg. part no. TR-482 is a 2-cavity full-cycle tool crimps red and blue insulated terminals splices wire sizes 22-14 AWG in front cavity. Crimps yellow insulated terminals and splices wire sizes 12-10 AWG in rear cavity. Locator and wire stops orient terminals properly for consistent terminations. Conductor and insulation crimping jaws are hardened steel, machined and gauged to industry specifications. Ratchet makes a complete crimp cycle prior to release and is adjustable to compensate for wear extended operation. Handles are hardened steel, nickel-plated, with black grips.

Mfg. Part No.	Description	Stock No.	Price Each
TR-482	Ratchet Tool	90B2564	333.51

Mfg. part no. TH-550 is a compact, professional quality crimping tool with a high strength to weight ratio. Heat treated alloy steel construction assures durability. Ignition crimp tool cuts, strips, and crimps all ignition wire — including suppression. Strips all ignition cables without damage to the conductor in a unique self-centering "guillotine" nest.

Mfg. Part No.	Description	Stock No.	Price Each
TH550	Ignition Crimp Tool	21M6994	14.56

(78551)

Best products, great value.

NO MINIMUM ORDER FEES

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

(94650)

D-SUB CONNECTOR KITS

RoHS Compliant Available

A Network Systems Solution
UNICOM

Enable user to perform custom wiring. Crimp kits include pins or sockets, D-Sub shell, shielded/metallized hood, and mounting hardware. Solder kits include pre-assembled shell with solder contacts, shielded/metallized hood, and mounting hardware. Pins and sockets plated with 30µ" gold. Hoods made of high-quality, nickel-plated plastic.



CRIMP KITS

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	5+
DEC-M-KIT	DB-9, Male w/9 Pins	92F6310	1.69	1.56
DEC-F-KIT	DB-9, Female w/9 Sockets	92F6311	1.69	1.56
DAC-M-KIT	DB-15, Male w/15 Pins	92F6314	2.17	2.00
DAC-F-KIT	DB-15, Female w/15 Sockets	92F6315	2.17	2.00
DBC-M-KIT	DB-25, Male w/25 Pins	92F6318	2.54	2.35
DBC-F-KIT	DB-25, Female w/25 Sockets	92F6319	2.54	2.35

SOLDER KITS

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	5+
DE-M-KIT	DB-9, Male w/9 Pins	92F6312	1.45	1.34
DE-F-KIT	DB-9, Female w/9 Sockets	92F6313	1.45	1.34
DA-M-KIT	DB-15, Male w/15 Male	92F6316	1.80	1.66
DA-F-KIT	DB-15, Female w/15 Sockets	92F6317	1.80	1.66
DB-M-KIT	DB-25, Male w/25 Pins	92F6320	2.19	2.02
DB-F-KIT	DB-25, Female w/25 Sockets	92F6321	2.19	2.02

(8024)

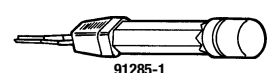
INSERTION/EXTRACTION TOOLS

RoHS Compliant Available

Tyco Electronics



91067



91285-1

For use with AMPLIMITE® HDP-20 Subminiature D connectors. Tool includes interchangeable tips for insertion and extraction of pins and sockets.

Mfg. Part No.	Insertion/Extraction Tool	Stock No.	Price Each
91067-1	For Size 22 DM Contacts, 28-22 AWG	44F8723	6.36
● 91067-2	For Size 20 DM Contacts, 24-20 AWG	44F8729	7.06
91285-1	For Size 22 DF Contacts, 28-22 AWG and Size 20 DF Posted Contacts	90F1401	14.93

(8292)

TOOL KITS

PRO-CRIMPER™ II HAND TOOL TERMINAL KIT

Mfg. part no. 55823-1 PLASTI-GRIP® and PIDG® terminal kit consists of PRO-CRIMPER™ II hand tool and 225 ring and spade terminals in 12-10, 16-14 and 22-16 wire sizes. Packaged in a sturdy storage case.

Mfg. Part No.	Stock No.	Price Each
55823-1	92F1358	134.84

PRO-CRIMPER™ II HAND TOOL COAXIAL PREMISE WIRING KIT

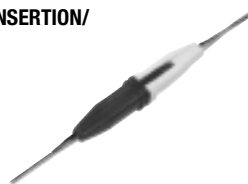
Mfg. part no. 58477-1 kit consists of PRO-CRIMPER™ II hand tool assembly with mfg. part no. 58535-1 die set, 5 each; RG58, RG58 plenum and RG59/62 plenum size plugs, 10 RG59/62 size plugs, 2 jack-to-jack adapters, 2 "T" adapters, and multi-compartment storage case.

Mfg. Part No.	Stock No.	Price Each
58477-1	97F9587	152.72

(8294)

D-SUB CONNECTOR INSERTION/EXTRACTION TOOL

SPC TECHNOLOGY



Tool for insertion and extraction of pins and sockets.

Mfg. Part No.	Description	Stock No.	Price Each
			1-24
1485	Insertion/Extraction Tool	92N3440	9.07

(18927)