

RACK & PANEL CONNECTORS

**C-146 SERIES RECTANGULAR INDUSTRIAL CONNECTORS (CONT.)**

**FEMALE INSERTS (SCREW TERMINATION CONTACTS—CAPTIVE)**

Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-4	5-9
● C146-10B006-102-1	6	16F6870	14.55	13.34
● C146-10B010-102-1	10	16F6871	16.85	15.45
● C146-10B016-102-1	16	16F6872	20.45	18.75
● C146-10B024-102-1	24	16F6777	26.88	24.64

**FEMALE INSERTS (STAMPED CRIMP CONTACTS)**

● C146 10B015 000 2	15+	34B7884	11.43	10.48
● C146 10B025 000 2	25+	34B7906	12.29	11.27
● C146 10B064 000 2	64+	34B7916	18.44	16.90

**CRIMP FEMALE CONTACTS**

Mfg. Part No.	Wire Size (AWG)	Stock No.	Price Each	
			1-4	5-9
● VN02 025 0001 101	20-16	02E9148	55.44	50.82
● VN02 025 0010 101	16-14	04H0364	39.24	35.97

**TOP-ENTRY HOODS (SINGLE CLAMP)**

Mfg. Part No.	Contacts	Cable Outlet	Stock No.	Price Each	
				1-4	5-9
● C146-10G006-601-1	6	PG16	16F6873	16.40	15.03
● C146-10G010-606-1	10	PG16	16F6874	20.00	18.33
● C146-10G016-606-1	16	PG21	16F6754	21.99	20.16
● C146-10G024-606-8*	24	PG21	90B6553	23.21	21.28

**SIDE-ENTRY HOODS (SINGLE CLAMP)**

● C146-10G006-501-1	6	PG16	16F6758	16.08	14.74
● C146-10G010-506-1	10	PG16	16F6759	20.00	18.33
● C146-10G016-506-1	16	PG21	16F6761	21.99	20.16
● C146 10G024 506 8*	24	PG21	03H9312	23.98	21.98

**SIDE-ENTRY HOODS (DUAL CLAMP) — LOW-PROFILE**

● C146-10G016-500-1	16	PG21	16F6764	18.07	16.56
● C146-10G024-500-1	24	PG21	16F6788	21.56	19.76

\*High-Profile (8498)

**C-146 SERIES RECTANGULAR INDUSTRIAL CONNECTOR KITS**



**Amphenol**

Amphenol-Tuchel Electronics GmbH



Single Lever Panel Kit



Single Lever Top Entry Cable Kit



Single Lever Side Entry Cable Kit



Double Lever Panel Kit



Double Lever Top Entry Cable Kit



Double Lever Side Entry Cable Kit

- Utilizes **C146-E series** inserts with screw termination
- Panel connector kits with or without a spring cover
- Cable connector kits with cable glands in high or low profile hoods
- Single and double latch versions available

**C146 series** connector kits can be used in many applications including control and power distribution, test and measurement equipment, and machine tools. Hoods are constructed of die-cast aluminum and inserts are grey polycarbonate with silver plated brass screw contacts. Compatible and interchangeable with other similar style products. IP65 rated. UL recognized, CSA certified, VDE approved, SEV approved.

**SINGLE LEVER PANEL CONNECTOR KIT**

Mfg. Part No.	Positions	Spring Cover	Stock No.	Price Each
				1-4
● C146 10E006 940 1	6	No	39M5654	29.48
● C146 10E006 942 1	6	Yes	39M5655	37.01
● C146 10E010 941 1	10	No	39M5660	37.92
● C146 10E010 942 1	10	Yes	39M5661	45.29
● C146 10E016 941 1	16	No	39M5666	42.03
● C146 10E016 942 1	16	Yes	39M5667	49.64
● C146 10E024 941 1	24	No	39M5671	48.29
● C146 10E024 942 1	24	Yes	39M5672	61.80

▶ CONTINUED ▶

**C-146 SERIES RECTANGULAR INDUSTRIAL CONNECTOR KITS (CONT.)**

**SINGLE LEVER TOP ENTRY CABLE CONNECTOR KIT**

Mfg. Part No.	Positions	Cable Diameter	Hood Profile	Stock No.	Price Each
					1-4
● C146 10E006 944 1	6	0.315" - 0.630"	Low	39M5657	32.38
● C146 10E006 946 8	6	0.433" - 0.866"	High	39M5659	33.80
● C146 10E010 944 1	10	0.315" - 0.630"	Low	39M5663	38.38
● C146 10E010 945 1	10	0.433" - 0.866"	Low	39M5664	40.13
● C146 10E016 944 1	16	0.433" - 0.866"	Low	39M5669	44.72
● C146 10E024 948 8	24	0.433" - 0.866"	High	39M5678	53.50
● C146 10E024 950 1	24	0.433" - 0.866"	Low	39M5680	54.12
● C146 10E024 957 8	24	0.748" - 1.220"	High	39M5687	64.16
● C146 10E024 958 1	24	0.748" - 1.220"	Low	39M5688	60.05

**SINGLE LEVER SIDE ENTRY CABLE CONNECTOR KIT**

Mfg. Part No.	Positions	Cable Diameter	Hood Profile	Stock No.	Price Each
					1-4
● C146 10E006 943 1	6	0.315" - 0.630"	Low	39M5656	31.06
● C146 10E006 945 8	6	0.433" - 0.866"	High	39M5658	34.37
● C146 10E010 943 1	10	0.315" - 0.630"	Low	39M5662	38.76
● C146 10E010 946 1	10	0.433" - 0.866"	Low	39M5665	38.52
● C146 10E016 943 1	16	0.433" - 0.866"	Low	39M5668	44.91
● C146 10E024 947 8	24	0.433" - 0.866"	High	39M5677	53.50
● C146 10E024 949 1	24	0.433" - 0.866"	Low	39M5679	53.93
● C146 10E024 955 1	24	0.748" - 1.220"	Low	39M5685	59.76
● C146 10E024 956 8	24	0.748" - 1.220"	High	39M5686	64.06

**DOUBLE LEVER PANEL CONNECTOR KIT**

Mfg. Part No.	Positions	Spring Cover	Stock No.	Price Each
				1-4
● C146 10E024 940 1	24	No	39M5670	50.91

**DOUBLE LEVER TOP ENTRY CABLE CONNECTOR KIT**

Mfg. Part No.	Positions	Cable Diameter	Hood Profile	Stock No.	Price Each
					1-4
● C146 10E024 944 8	24	0.433" - 0.866"	High	39M5674	50.55
● C146 10E024 946 1	24	0.433" - 0.866"	Low	39M5676	53.26
● C146 10E024 952 8	24	0.748" - 1.220"	High	39M5682	59.55
● C146 10E024 954 1	24	0.748" - 1.220"	Low	39M5684	57.27

**DOUBLE LEVER SIDE ENTRY CABLE CONNECTOR KIT**

Mfg. Part No.	Positions	Cable Diameter	Hood Profile	Stock No.	Price Each
					1-4
● C146 10E024 943 8	24	0.433" - 0.866"	High	39M5673	51.15
● C146 10E024 945 1	24	0.433" - 0.866"	Low	39M5675	51.92
● C146 10E024 951 8	24	0.748" - 1.220"	High	39M5681	59.55
● C146 10E024 953 1	24	0.748" - 1.220"	Low	39M5683	59.00

(93068)

**Download RoHS Certificates of Compliance.**

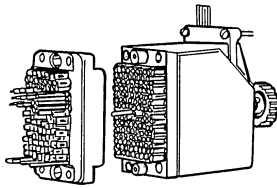


Find C of Cs in the **Tech Info** column on our search results pages. Visit us online today.

(93462)

RACK & PANEL CONNECTORS

8016 SERIES RACK AND PANEL RECTANGULAR CONNECTORS



**ORDERING INFORMATION FOR 8016 SERIES RACK-AND-PANEL CONNECTORS ORDERING CODE**

To order a connector, simply complete the 13-digit ordering code, by selecting your choices from the information below:

XXXX-XXX-XXX-XXX

**SERIES**  
8016

**NUMBER OF CONTACTS**  
020, 036, 056, 090, 120

**VARIATION CODE**  
See table below for applicable code

**CONTACT CODE — First 3 Digits**

	216-60 8017 04 13†	0.078" Taper Tab
	217-60 8017 05 13	Solder/0.098" Wire Hole
	218-60 8017 06 13	Solderless Wrap Tail 0.024" x 0.050" x 0.567"
	750-60 8017 06 23	Solderless Wrap Tail 0.024" x 0.050" x 0.760"
	296-60 8017 06 33	Solderless Wrap Tail 0.025" x 0.025" x 0.580"
	000-60 8017 03 13	Wire Crimp Tail (loose)
	000-60 8017 03 23	Wire Crimp Tail (1800 reel)

† To order individual contact, use this part number.

Available with 20, 38, 56, 90 or 120 insertable/removable Venlok™ contacts. Actuating screw or nut lock mate connectors together. Guide pins and sockets provide correct alignment. Covers are aluminum with top or side cable entry. Rated 8.5A max. Contacts are phosphor bronze with 10µ" min. gold plating over 30-100µ" nickel. Male contacts are exposed while female contacts are recessed. Polyester insulator material. To order, locate the 3-digit variation code of the connector desired, and then use this code to complete the 13-digit ordering code shown in the table.

8016 SERIES VARIATION CODES

Polyester Insulator Body	No Cover	Aluminum Cover+			Cable Entrance	Actuating Screw	Fixed Nut
		Small Clamp 0.605" x 0.500"	Large* Clamp 0.650" x 0.608"	X-Large Clamp 0.820" x 0.614"			
Male (Exposed Contacts)	601	...	...	...	...	No	No
	602	...	...	...	...	No	Yes
	...	603	619	631	Top	Yes	No
	...	604	620	632	Side	Yes	No
	...	605	621	633	Top	No	Yes
Female (Recessed Contacts)	607	...	...	...	...	No	Yes
	608	...	...	...	...	Yes	No
	...	609	623	635	Top	Yes	No
	...	610	624	636	Side	Yes	No
	...	611	625	637	Top	No	Yes
...	612	626	638	Side	No	Yes	

\*Large cover clamp available only with 38 or 56 position versions; +Use cover only with crimp contacts on 20 position version

RACK AND PANEL RECTANGULAR CONNECTORS — WITHOUT COVER

Mfg. Part No.	Contacts	Description	Stock No.	Price Each 1-4
● 008016-020-000-601	20	Male, Actuating Screw	04M4666	24.84
● 00-8016-020-000-602	20	Male, Fixed Nut	04M4656	12.53
● 008016020000608	20	Female, Actuating Screw	04M4673	27.13
● 00-8016-020-000-607	20	Female, Fixed Nut	04M4657	14.48
● 008016-038-000-601	38	Male, Actuating Screw	04M4667	17.83
● 008016-038-000-602	38	Male, Fixed Nut	04M4668	8.10
● 008016-038-000-608	38	Female, Actuating Screw	04M4670	17.51
● 008016-038-000-607	38	Female, Fixed Nut	04M4669	7.61
● 008016-056-000-601	56	Male, Actuating Screw	04M4671	13.95
● 008016-056-000-602	56	Male, Fixed Nut	04M4672	8.25
● 008016-056-000-608	56	Female, Actuating Screw	05F5723	17.71
● 008016-056-000-607	56	Female, Fixed Nut	17M9941	10.29
● 00-8016-090-000-601	90	Male, Actuating Screw	04M4658	58.18
● 00-8016-090-000-602	90	Male, Fixed Nut	05F5729	16.70
● 00-8016-090-000-607	90	Female, Fixed Nut	04M4659	12.48
● 00-8016-090-000-608	90	Female, Actuating Screw	04M4660	38.41
● 00-8016-120-000-601	120	Male, Actuating Screw	04M4661	48.57
● 00-8016-120-000-602	120	Male, Fixed Nut	04M4662	13.17
● 00-8016-120-000-608	120	Female, Actuating Screw	04M4663	38.45
● 00-8016-120-000-607	120	Female, Fixed Nut	04M6694	12.76

➔ CONTINUED ➔

8016 SERIES RACK AND PANEL RECTANGULAR CONNECTORS (CONT.)

CONNECTOR COVERS

Mfg. Part No.	Contacts	Description	Stock No.	Price Each 1-4
● 30-8016-9829-00000	20	Standard Side Cable Entry	04M4727	59.10
● 30-8016-9831-00000	20	Standard Top Side Cable Entry	04M4728	59.10
● 30-8016-9825-00000	38	Large Side Cable Entry	04M4725	60.07
● 30-8016-9826-00000	38	Large Top Cable Entry	05F5551	60.07
● 30-8016-9838-00000	38	Extra Large Top Cable Entry	04M4730	55.89
● 30-8016-9822-00000	38	Standard Top Cable Entry	10M6420	32.79
● 308016056000413	56	Removeable	04M4733	38.72
● 30-8016-9827-00000	56	Large Side Cable Entry	04M4726	58.63
● 30-8016-9828-00000	56	Large Top Cable Entry	05F5553	58.63
● 30-8016-9832-00000	90	Large Side Cable Entry	05F5556	34.69
● 30-8016-9833-00000	90	Large Top Cable Entry	05F5557	34.69
● 30-8016-9844-00000	90	Extra Large Top Cable Entry	04M4731	39.48
● 30-8016-9834-00000	120	Large Side Cable Entry	04M4729	42.68
● 30-8016-9835-00000	120	Large Top Cable Entry	05F5559	39.12
● 30-8016-9846-00000	120	Extra Large Top Cable Entry	04M4732	43.67

REPLACEMENT CONTACTS

Mfg. Part No.	Description	Stock No.	Price Each 1-4
● 60-8017-0313-00-339	Crimp, Loose	04M4751	0.20
● 60-8017-0513-00-339	Solder Tag	04M4752	0.21
● 60-8017-0633-00-339	Miniwrap	04M4753	0.33
● 60-8017-0663-00-339	PC Solder	18M1288	0.15

(8799)

APPLICATION TOOLING



CONTACT EXTRACTION TOOLS

Extracts contacts from insulator quickly and easily, without damage to contacts or insulator.

Mfg. Part No.	Contact Capability	Stock No.	Price Each 1-4
● 06-1877-040-000000	60-8017-0313	04M4685	111.60

CONTACT INSERTION TOOLS

Small hand tools provide a positive method for inserting contacts into the rear of the insulator by applying pressure on the contacts directly to the end of the insulation crimp.

Mfg. Part No.	Contact Capability	Stock No.	Price Each 1-4
● 06-1742-040-000000	60-8017-0313	04M4684	82.70
● 06-7698-010-000000	60-8216-0313	69F319	184.55

CONTACT CRIMPING PLIERS

Designed for hand crimping of contacts. Well suited for maintenance, model shop, laboratory and small-scale production purposes.

Mfg. Part No.	Contact Capability	Wire Size	Stock No.	Price Each 1-4
06-7852-7002-01-000	60-8017-0313	18-26 AWG, Stranded	73C7626	355.47
● 06-7858-010-000000	60-8216-0313	22-30 AWG, Stranded	04M4687	571.79

(8800)

MODICE® MODULAR INTEGRATED CONNECTOR ENCLOSURES



- Features:**
- Rugged connector enclosure system
  - Interfaces with Cinch SHS, industry standard harness connectors
  - Header suited for wave and reflow soldering
  - Simple assembly
  - 2 size enclosures: SE (small) LE (large)

Just Added



- Specifications:**
- Operating temperature: -40°C to +85°C
  - IP65, IP66, IP67, IP69K protected

HEADERS - SE

Mfg. Part No.	No. of Contacts	Filter	Stock No.	Price Each 1-9
● 581-01-18-032	18	No	78K5061	14.09
● 581-01-18-033	18	Yes	02M4774	14.30
● 581-01-30-044	30	No	78K5064	17.73
● 581-01-30-046	30	Yes	02M4777	17.73
● 581-01-48-005	48	No	78K5067	23.11
● 581-01-48-007	48	Yes	02M4780	27.05

HEADERS - LE

● 581-01-30-045	30	No	78K5076	17.73
● 581-01-30-051	30	Yes	02M4778	20.99
● 581-01-48-006	48	No	78K5081	23.82
● 581-01-48-008	48	Yes	02M4781	28.46

➔ CONTINUED ➔

RACK & PANEL CONNECTORS

ModICE® MODULAR INTEGRATED CONNECTOR ENCLOSURES (CONT.)

HEADERS - LE

Mfg. Part No.	No. of Contacts	Filter	Stock No.	Price Each	
				1-9	
● 581-01-60-005	60	No	78K5084	28.29	
● 581-01-60-006	60	Yes	02M4782	33.34	

ENCLOSURES

Mfg. Part No.	Size	No. of Heatsinks	Stock No.	Price Each	
				1-9	
● 581-01-30-041	SE	2	02M4776	26.13	
● 581-01-30-043	SE	...	76K2679	14.09	
● 581-01-60-031	LE	2	27M1398	29.28	
● 581-01-60-033	LE	...	76K2688	17.50	

SHS HARNESS CONNECTORS

Mfg. Part No.	Size	No. of Contacts	Stock No.	Price Each	
				1-9	
● 581-01-18-023	SE	18	56J9657	6.69	
● 581-01-30-029	SE	30	56J9659	8.66	
● 581-01-30-028	LE	30	67K0036	8.66	

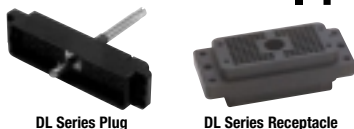
ACCESSORIES & TOOLS

Mfg. Part No.	Description	Stock No.	Price Each	
			1-9	
● 425-00-00-872/PCS	SHS Terminal, Wire Size (AWG): 20-18	97J8472	0.08	
● 425-00-00-873/PCS	SHS Terminal, Wire Size (AWG): 18-16	97J8473	0.08	
● 581-00-00-011	Cavity Seal Plug	56J6810	0.10	
581-00-00-020	Spring Plate for use with enclosure with 2 heat sinks	85K2097	2.76	
581-00-00-021	Spring Plate for use with enclosure with 1 or 2 heat sinks	85K2098	2.76	
● 581-01-18-920	Terminal Removal Tool	02M4775	126.24	
599-11-11-612	Tool to open ModICE LE	02M4792	180.00	
599-11-11-611	Tool to open ModICE SE	02M4791	167.13	
599-11-11-615	Hand Crimp Tool for 425-00-00-872	68K0668	568.60	
599-11-11-616	Hand Crimp Tool for 425-00-00-873	97J8945	579.58	

(90827)

CANNON DL/DLM SERIES PLASTIC AND METAL ZERO INSERTION FORCE CONNECTORS

- ZIF Design Enables Rapid Mating with Minimal Contact Wear
- For Cable-to-Cable, Cable-to-Panel, and Panel-to-Panel Interconnections
- Ideal for Multi-Cycle and Circuit Applications



DL Series Plug DL Series Receptacle

DL series rack and panel connectors feature zero insertion force (ZIF) design to enable long life and rapid mating. Ideal for any application requiring many cycles and circuits, for example, medical, instrumentation and computer use. Glass-filled thermoplastic connector housing, rated UL94V-1, features stainless steel insulator retainer and camshaft. Zero connector engagement force minimizes contact wear as well. Contacts may be hand or machine terminated. Current rating: 5A. Capable of 8 lbs. minimum contact retention, 1200VAC dielectric withstanding voltage. Operating temperature: -55°C to +105°C. 18 to 32 AWG wire range. *Order actuating handle kit for plugs separately on this page. Order crimp contacts and crimp tools separately on this page. DLM series metal panel mount ZIF (Zero Insertion Force) plugs and receptacles feature a rugged nickel-plated aluminum alloy housing with a glass-filled thermoplastic insulator, rated UP94V-0. Shield-locking mechanism offers uniform mating pressure around the perimeter of the mated connector to create an EMI/RFI shield. Facilitates compliance of equipment to CE EMC directives. Interchangeable with the DL series plastic versions for backwards/forwards compatibility. Order crimp contacts separately; go online or call.*

DL SERIES PLASTIC ZIF CONNECTOR HOUSINGS

Mfg. Part No.	Positions	Description	L x W	Stock No.	Price Each	
					1-9	10-24
DL1-156P	156	Plug	4.28 x 1.00"	84F689	68.57	64.24
DL1-156R	156	Receptacle	4.28 x 1.00"	84F690	16.17	13.73
DL2-96P	96	Plug	2.63 x 1.13"	84F692	62.53	58.58
DL2-96R	96	Receptacle	2.63 x 1.13"	84F693	12.99	11.04
DL3-60P	60	Plug	2.63 x 1.00"	84F695	68.57	60.27
DL3-60R	60	Receptacle	2.63 x 1.00"	84F696	13.57	11.53

DL SERIES RECEPTACLES WITH PC/WIRE WRAP CONTACTS

DL1-156RW4*	156	Receptacle	4.28 x 1.00"	84F691	169.80	160.87
DL1-156RW4B+	156	Receptacle	4.28 x 1.00"	95F1948	178.74	169.33
DL2-96RW4B	96	Receptacle	2.63 x 1.13"	95F1949	122.26	115.82

DLM SERIES METAL ZIF CONNECTOR HOUSINGS

Mfg. Part No.	Positions	Description	L x W	Stock No.	Price Each	
					1-4	5-9
DLM1-156P	156	Plug	4.28 x 1.00"	95B2039	109.14	102.32
DLM1-156R	156	Receptacle	4.28 x 1.00"	95B2040	75.99	63.32

\*20µm gold; +50µm gold (8788)

CANNON DL/DLM SERIES JUNCTION SHELL KITS

DL series thermoplastic kits, rated UL94V-0, have stainless steel cable clamps. Knockout plug for alternate cable entry. Includes 4 screws and nuts. DLM series 2-pc. die-cast aluminum metal shell kits are nickel plated to facilitate EMI/RFI shielding. Includes: 2 shells, 1 hood, 1 clamp, 1 lock/open indication seal and screws.



DL SERIES KITS

Mfg. Part No.*	For Use On	Mounting	Cable Entry	Stock No.	Price Each	
					1-24	25-49
DL1-J/S	DL1-156	Straight or Right-Angle	0.875"	84F700	20.36	17.29
DL2-J/S	DL2-96	Straight or Right-Angle	0.560"	84F701	16.48	14.00
DL2-2J/S	DL2-96	Straight or Right-Angle	0.625"	16F3610	22.66	19.25
DL2-4J/S	DL3-96	Straight or Right-Angle	0.875"	93F3463	24.83	23.35
DL3-J/S	DL3-60	Straight or Right-Angle	0.560"	84F702	17.92	15.22
DL3-3-J/S	DL3-60	Straight or Right-Angle	0.625"	16F3611	28.29	24.03

DLM SERIES KITS

249-4517-000	DL2/DLM2	Straight or Right-Angle	0.705"	95B3757	98.59	82.16
--------------	----------	-------------------------	--------	---------	-------	-------

\*Prefix DL1 indicates single-piece shell; prefixes DL2 and DL3, 2-piece shells (8834)

CANNON DL SERIES CRIMP CONTACTS

Loose beryllium copper crimp contacts available in three versions. No insertion tool required. *Order crimp tools separately on this page.*



20µm GOLD PLATING OVER 50µm NICKEL

Mfg. Part No.	AWG	Crimp Tool	Stock No.	Price Each	
				1-49	50-99
030-2416-001	28-32	1	95F1933	0.43	0.36
030-2410-001	24-26	2	84F698	0.43	0.36
030-2409-001	20-22	2	84F697	0.43	0.36
030-2415-001*	18-20+	3	95F1936	0.43	0.36

50µm GOLD PLATING OVER 50µm NICKEL (PLUG SIDE)

030-2416-003*	28-32	1	95F1938	0.50	0.43
030-2410-003*	24-26	2	95F1939	0.46	0.39
030-2409-003*	20-22	2	95F1940	0.46	0.39
030-2415-003*	18-20+	3	95F1941	0.50	0.43

FLAT—50µm GOLD PLATING OVER 50µm NICKEL (RECEPTACLE SIDE)

030-2494-001*	28-32	1	95F1942	0.52	0.44
030-2492-001*	24-26	2	95F1943	0.52	0.44
030-2491-001*	20-22	2	95F1944	0.46	0.39
030-2493-001*	18-20+	3	95F1945	0.52	0.44

\*For low current applications (less than 100 milliamps) manufacturer suggests using 50µm gold contact on plug side and 50µm flat gold contact on receptacle side; + Non-insulation support (8788)

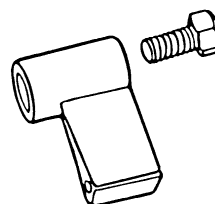
CANNON DL SERIES CRIMP AND EXTRACTION TOOLS



Mfg. Part No.	Description	Stock No.	Price Each	
			1-9	
CHTDLT20-26	Crimp Tool, 20-26 AWG	84F703	480.04	
CHT DLT 18-20	Crimp Tool, 18-20 AWG	18C3364	478.78	
CETDL-10	Extraction Tool	98F8479	31.25	

(8790)

CANNON DL SERIES ACTUATING HANDLE KIT



Mfg. part no. 204-0016-000 actuating handle kit for DL1, DL2, and DL3 series connectors includes glass-filled thermoplastic actuating handle and attaching screw. "Locked" and "open" positions designated by pointer on handle. Kit actuates contacts and cam for locking connector.

Mfg. Part No.	Stock No.	Price Each	
		1-24	
204-0016-000	84F699	3.40	

(8791)

RACK & PANEL CONNECTORS

CANNON POLARIZING POST KITS

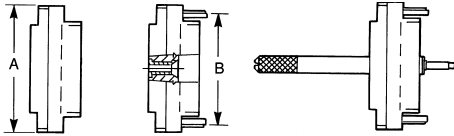
- Kits Include 2 Posts and 2 Screws
- Posts—Zinc per QQ-Z-363/Yellow Chromate Over Cadmium



Mfg. Part No.	For Use On	Mounting	Screws	Stock No.	Price Each	
					1-49	50-99
320-0021-006	DL1, DL2, DL3	Corner	4-40 x 3/32" Pan Head	16F3620		7.13
320-0021-005	DL1, DL2	Center	2-56 x 3/16" Fil. Head	16F3621		7.13

(8836)

516 SERIES RACK AND PANEL CONNECTORS



Designed for cable-to-cable and cable-to-panel applications. Insertable/removable, recessed phosphor bronze contacts, order separately below, with gold plating over nickel. Polycarbonate insulator, except 120-contact versions, which are diallyl phthalate. Current rating: 8.5A. Order application tooling separately. All 56-pin versions available in 6 colors.

PLUGS WITH ACTUATING SCREW

Mfg. Part No.	Con-tacts	Dimensions		Stock No.	Price Each	
		A	B		1-24	25-99
● 516-020-000-301	20	1.312"	1.000"	59K0484	13.96	10.64
● 516-020-000-351*	20	1.312"	1.000"	59K0485	23.77	18.11
● 516-038-000-301	38	2.000"	1.688"	59K0487	14.16	10.79
● 516-038-000-351*	38	2.000"	1.688"	59K0489	38.62	29.42
● 516-056-000-301	56	2.592"	2.280"	59K0492	9.26	7.05
● 516-056-000-351*	56	2.592"	2.280"	59K0493	38.62	29.42
● 516-090-000-301	90	2.718"	2.375"	59K0496	27.48	20.94
● 516-090-000-351*	90	2.718"	2.375"	59K0497	56.43	42.98
● 516-120-000-101	120	2.750"	2.375"	59K0498	32.14	24.48
● 516-120-000-151*	120	2.750"	2.375"	93B6300	62.58	47.67

\* Metal cover, side entry

PLUGS WITH LOCKING NUT

Mfg. Part No.	Con-tacts	Dimensions		Stock No.	Price Each	
		A	B		1-4	5+
● 516-038-000-302	38	2.000"	1.688"	59K0488	10.00	7.62
● 516-056-000-302	56	2.592"	2.280"	95F3179	10.31	7.85
● 516-120-000-102	120	2.750"	2.375"	95F3187	16.65	12.69

RECEPTACLES WITH ACTUATING SCREW

Mfg. Part No.	Con-tacts	Dimensions		Stock No.	Price Each	
		A	B		1-24	25-99
● 516-038-000-401	38	2.000"	1.688"	59K0490	13.96	10.64
● 516-056-000-401	56	2.592"	2.280"	59K0494	14.16	10.79
● 516-120-000-201	120	2.750"	2.375"	95F3188	32.77	24.97

RECEPTACLES WITH LOCKING NUT

Mfg. Part No.	Con-tacts	Dimensions		Stock No.	Price Each	
		A	B		1-24	25-99
● 516-020-000-402	20	1.312"	1.000"	59K0486	10.00	7.62
● 516-038-000-402	38	2.000"	1.688"	59K0491	9.64	7.35
● 516-056-000-402	56	2.592"	2.280"	59K0495	10.00	7.62
● 516-090-000-402	90	2.718"	2.375"	95F3185	12.16	9.27
● 516-120-000-202	120	2.750"	2.375"	95F3189	17.29	13.17

METAL COVERS

Mfg. Part No.	For Use With	Stock No.	Price Each	
			1-24	25-99
● 516-230-520	20-pin Rack and Panel Connector	94B5299	22.80	17.37
● 516-230-538	38-pin Rack and Panel Connector	59K0499	24.46	18.64
● 516-230-556	56-pin Rack and Panel Connector	59K0500	26.79	20.41
● 516-230-590	90-pin Rack and Panel Connector	95F3194	25.93	19.75
● 516-230-512	120-pin Rack and Panel Connector	95F3190	21.00	16.00

CONTACTS — SOLD IN PACKAGES OF 100

Mfg. Part No.	Description	Stock No.	Price per Pkg.
			1-24
● 516-290-500P100	Solder eyelet	59K0501	17.10
● 516-290-520P100	PC Tab	59K0502	18.05
● 516-290-542P100	Wire Wrap (0.050" x 0.760")	95F3209	24.70
● 516-290-590	Crimp	59K0503	0.25
● 516-290-591	Crimp (Reel of 1800)	21J7598	0.16

RACK AND PANEL CONNECTOR TOOLS

Mfg. Part No.	Description	Stock No.	Price Each
			1-4
516-280-201	Crimp Tool	95F3212	143.10
516-280-300	Contact Ejection Tool	95F3213	58.87

➔ CONTINUED ➔

516 SERIES RACK AND PANEL CONNECTORS (CONT.)

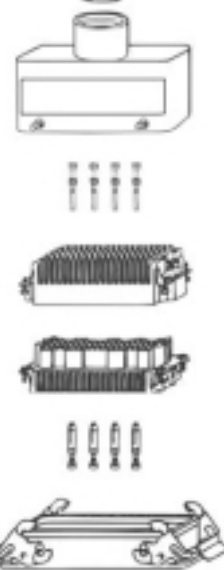
Mfg. Part No.	Description	Stock No.	Price Each
			1-4
516-280-400	Crimp Insertion Tool	95F3214	26.26
516-280-500	Polarizing Hardware Wrench	95F3215	61.49

(8807)

HAN® NEMA 1/2 POWER CONNECTORS

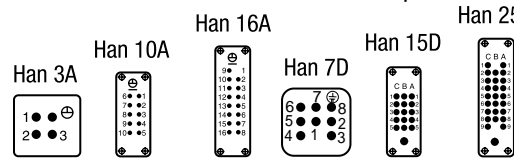
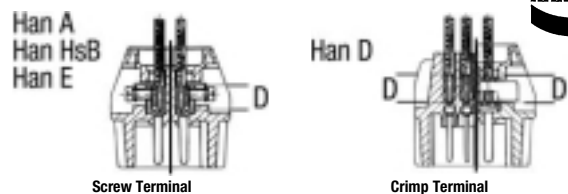


- Rated 10-100A
- Full compliance to NEMA Type 4 and 4X



Han® connectors are multi-pin connectors that utilize hoods and housings for protection from dust, liquids, and physical damage. Inserts carry the male and female contacts and feature protective leading ground, polarization to prevent incorrect connections and interchangeability of male and female inserts in either hoods or housings. Can also be used in rack and panel applications without hoods and housings. Hoods connect to the cable and housings generally mount to the cabinet or machine. All hoods and housings meet NEMA Type 4 and equivalent international standard IEC 529 (DIN 40050) IP 65 degree of protection which specifies that enclosures are protected against wash down, dust, rain, splashing water and water directed from a hose. Can be used in a wide variety of applications in many industries including: robotics, semiconductor, transportation, industrial automation, machine tools, plastic machinery, conveyors, power utilities, and many others. (79345)

HAN® NEMA 1/2 POWER CONNECTOR INSERTS



HAN A INSERTS, 10A/600V UL, SCREW TERMINAL — MALE INSERTS

Mfg. Part No.	Contacts	Hood/Housing Series	Stock No.	Price Each
				1-9
● 09 20 003 2611	3	Han 3A	79K0430	9.85
● 09 20 004 2611	4	Han 3A	79K0432	11.24

➔ CONTINUED ➔



RACK & PANEL CONNECTORS

HAN® NEMA ½ POWER CONNECTOR INSERTS (CONT.)

Mfg. Part No.	Contacts	Hood/Housing Series	Stock No.	Price Each
● 09 20 010 2612	10	Han 10A	79K0434	18.13
● 09 20 016 2612	16	Han 16A	79K0437	22.07
<b>HAN A INSERTS, 10A/600V UL, SCREW TERMINAL — FEMALE INSERTS</b>				
● 09 20 003 2711	3	Han 3A	79K0431	10.93
● 09 20 004 2711	4	Han 3A	79K0433	11.68
● 09 20 010 2812	10	Han 10A	79K0435	19.66
● 09 20 016 2812	16	Han 16A	94B8024	29.19
<b>HAN D INSERTS 10A/600V UL, CRIMP TERMINATION — MALE INSERTS*</b>				
● 09 21 007 3031	7	Han 3A	82K8815	5.32
● 09 36 008 3001	8	Han 3A	79K0445	8.51
● 09 21 015 3001	15	Han 10A	79K4445	13.39
● 09 21 025 3001	25	Han 16A	79K4446	15.12
<b>HAN D INSERTS 10A/600V UL, CRIMP TERMINATION — FEMALE INSERTS*</b>				
● 09 21 007 3131	7	Han 3A	97H1922	5.32
● 09 36 008 3101	8	Han 3A	79K0446	8.12
● 09 21 015 3101	15	Han 10A	80K6209	13.39
● 09 21 025 3101	25	Han 16A	79K0469	15.12
<b>HAN E INSERTS 16A/600V UL SCREW TERMINAL WITH WIRE PROTECTION — MALE INSERTS</b>				
● 09 33 006 2601	6	Han 6B	79K0476	12.45
● 09 33 010 2601	10	Han 10B	91F9641	15.85
● 09 33 016 2601	16	Han 16B	91F9646	17.49
● 09 33 024 2601	24	Han 24B	91F9651	23.69
<b>HAN E INSERTS 16A/600V UL SCREW TERMINAL WITH WIRE PROTECTION — FEMALE INSERTS</b>				
● 09 33 006 2701	6	Han 6B	91F9636	12.86
● 09 33 010 2701	10	Han 10B	79K0477	16.37
● 09 33 016 2701	16	Han 16B	79K0478	18.93
● 09 33 024 2701	24	Han 24B	91F9652	25.63
<b>HAN HSB INSERTS, 35A/600V UL, SCREW TERMINAL — MALE INSERT</b>				
● 09 31 006 2601	6	Han 16B	79K0443	29.26
<b>HAN HSB INSERTS, 35A/600V UL, SCREW TERMINAL — FEMALE INSERT</b>				
● 09 31 006 2701	6	Han 16B	79K0444	36.42
<b>HAN K, 80A/600V UL, SCREW TERMINAL — MALE INSERTS</b>				
09 38 006 2601	6	Han 16B	04C9579	84.32
09 38 012 2601	12	Han 24B	04C9581	90.44
<b>HAN K, 80A/600V UL, SCREW TERMINAL — FEMALE INSERTS</b>				
09 38 006 2701	6	Han 16B	04C9580	112.57
09 38 012 2701	12	Han 24B	04C9585	104.19

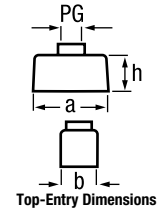
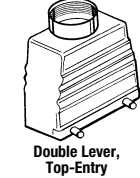
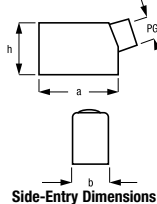
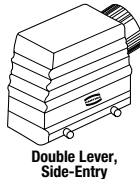
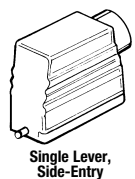
\* Crimp contacts sold separately. (16848)

HAN® NEMA ½ POWER CONNECTOR HOODS (CONT.)

Mfg. Part No.	Entry	Dimensions (mm)			PG	Stock No.	Price Each
		Depth (a)	Width (b)	Height (h)			
● 09 20 010 1541	Side	63	29.5	61.5	16	97H1930	19.56
● 09 20 010 1440	Top	63	29.5	47	13.5	96B3288	21.19
<b>HAN 10A, SINGLE LEVER</b>							
<b>HAN 16A, SINGLE LEVER</b>							
● 09 20 016 1541	Side	79.5	29.5	61.5	21	51B024	22.72
● 09 20 016 0441	Top	79.5	36	70.5	21	79K0436	31.68
<b>HAN 6B, SINGLE LEVER</b>							
● 09 30 006 1540	Side	60	43	43	13.5	97H1935	15.93
● 09 30 006 1541	Side	60	43	43	16	91F9637	17.46
● 09 30 006 0542	Side	60	43	72	21	97H1933	23.29
● 09 30 006 1440	Top	60	43	40	13.5	79K0439	17.33
● 09 30 006 1441	Top	60	43	40	16	82K6651	17.95
● 09 30 006 0442	Top	60	43	72	21	97H1932	23.06
<b>HAN 10B, SINGLE LEVER</b>							
● 09 30 010 1541	Side	73	43	57	16	97H1939	22.98
● 09 30 010 0542	Side	73	43	72	21	80K9319	34.66
<b>HAN 10B, DOUBLE LEVER</b>							
● 09 30 010 1421	Top	73	43	45	16	97H1938	22.23
● 09 30 010 0522	Side	73	45	72	21	79K0472	28.99
● 09 30 010 1521	Side	73	43	45	16	96B6116	20.57
● 09 30 010 0423	Top	73	45	72	29	97H1936	36.16
● 09 30 010 0422	Top	73	45	72	21	91F9644	29.74
<b>HAN 16B, SINGLE LEVER</b>							
● 09 30 016 1540	Side	93.5	43	62.5	21	50B3888	27.72
● 09 30 016 0541	Side	93.5	43	76	29	97H1944	40.23
<b>HAN 16B, DOUBLE LEVER</b>							
● 09 30 016 1520	Side	93.5	43	62.5	21	91F9648	22.10
● 09 30 016 0520	Side	93.5	45	76	21	97H1942	32.72
● 09 30 016 0521	Side	93.5	45	76	29	97H1943	33.47
● 09 30 016 1420	Top	93.5	43	62.5	21	91F9649	23.31
● 09 30 016 0420	Top	93.5	45	76	21	97H1940	33.49
● 09 30 016 0421	Top	93.5	45	76	29	79K0440	33.86
<b>HAN 24B, DOUBLE LEVER</b>							
● 09 30 024 1520	Side	120	43	62.5	21	91F9653	24.82
● 09 30 024 0421	Top	120	45	76	29	79K0442	41.81
● 09 30 024 1421	Top	120	43	55	29	79K0474	27.59
● 09 30 024 0521	Side	120	45	76	29	98B6193	38.23

(16849)

HAN® NEMA ½ POWER CONNECTOR HOODS



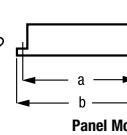
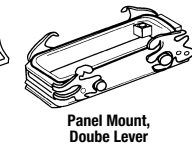
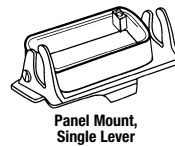
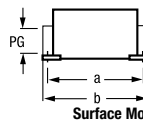
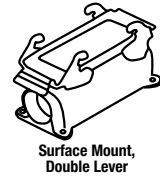
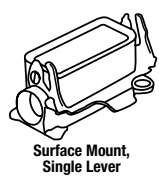
Hoods are in accordance with international standard IEC 529 (DIN40050) degree of protection IP 65, which complies in full with NEMA Type 4. Constructed of die-cast aluminum. Protect against windblown dust and rain, splashing water, and hose-directed water. For use in power utility, robotics, chemical plants, machine tool control, injection mold, industrial instrumentation, and conveyor equipment applications. Hoods with single lever mate with single lever.

HAN 3A, SINGLE LEVER

Mfg. Part No.	Entry	Dimensions (mm)			PG	Stock No.	Price Each
		Depth (a)	Width (b)	Height (h)			
● 09 20 003 1640	Side	28	27	50.5	11	79K0429	12.41
● 09 20 003 1440	Top	28	27	56.5	11	99B6554	7.23

▶ CONTINUED ▶

HAN® NEMA ½ CONNECTOR HOUSINGS



Housings are in accordance with international standard IEC 529 (DIN40050) degree of protection IP65, which complies in full with NEMA Type 4. Constructed of die-cast aluminum. Mfg. part no. 0930030302 has a thermoplastic spring cover. Protect against windblown dust and rain, splashing water, and hose directed water. Accept HAN® connector inserts on pages 772-773. For use in power utility, robotics, chemical plants, machine tool control, injection mold, industrial instrumentation, and conveyor equipment applications.

SURFACE MOUNT

Mfg. Part No.	Size	Number of Levers	Dimensions (mm)			PG	Stock No.	Price Each
			Depth (b)	Width (e)	Height (h)			
● 09 20 003 1250	Han 3A	1	58	40	51	11	01C6238	17.61
● 09 20 010 0251	Han 10A	1	63.5	50	52	16	79K0468	25.27
● 09 20 016 0251	Han 16A	1	80	50	57	16	79K9565	29.12
● 09 30 006 1251	Han 6B	1	82	52	51.5	16	79K0438	25.47
● 09 30 010 1231	Han 10B	2	94	52	54	16	97H1955	38.49
● 09 30 016 1250	Han 16 B	1	94	52	54	21	79K0441	46.72
● 09 30 016 1230	Han 16B	2	117	57	56	21	97H1958	39.70
● 09 30 024 1230	Han 24B	2	144	57	56	21	97H1962	43.28

▶ CONTINUED ▶

RACK & PANEL CONNECTORS

HAN® NEMA 1/2 CONNECTOR HOUSINGS (CONT.)

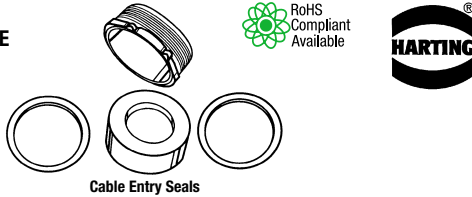
PANEL MOUNT

Mfg. Part No.	Size	Number of Levers	Dimensions (mm)			Stock No.	Price Each
			Depth (b)	Width (e)	Height (h)		
● 09 20 003 0301	Han 3A	1	35	40	23	79K0467	8.82
● 09 20 010 0301	Han 10A	1	96	29	26	98B6370	16.15
● 09 20 016 0301	Han 16A	1	96	29	26	97H1951	20.75
● 09 30 006 0301	Han 6B	1	80	43.5	28.5	79K0470	16.08
● 09 30 010 0305	Han 10B	1	93	43.5	28.5	97H1954	25.79
● 09 30 010 0301	Han 10B	2	93	43	28.5	79K0471	23.60
● 09 30 016 0307	Han 16B	1	113	43.5	28.5	04C8662	28.23
● 09 30 016 0301	Han 16B	2	113	43	28.5	79K0473	24.88
● 09 30 024 0301	Han 24B	2	140	43	28.5	91F9655	30.57

(16847)

3

PG CABLE ENTRY SEALING HARDWARE



Cable Entry Seals

Cable sealing metal with multiple seals for standard hoods and housings for Han® NEMA 1/2 power connectors. Order hoods separately on page 773. Order housing separately on pages 773-774.

Mfg. Part No.	PG Size	Spanner Wrench Size	Cable Diameter		Stock No.	Price Each
			Min.	Max.		
● 09 00 000 5013	11	18mm	0.295" (7.5)	0.492" (12.5)	92F386	1.30
● 09 00 000 5014	13.5	20mm	0.295" (7.5)	0.492" (12.5)	84K5075	1.69
● 09 00 000 5015	16	22mm	0.295" (7.5)	0.590" (15)	79K0420	1.72
● 09 00 000 5016	21	28mm	0.394" (10)	0.748" (19)	79K0421	2.53
● 09 00 000 5017	29	37mm	0.709" (18)	1.063" (27)	80K7353	4.55

(16850)

HAN® D NEMA 1/2 POWER CONNECTORS



MALE INSERTS

Mfg. Part No.	AWG	Stock No.	Price Each
			1-9
● 09 15 000 6106	14	79K0426	0.82
● 09 15 000 6101	16	04C8156	0.82
● 09 15 000 6102	18	79K0459	0.82
● 09 15 000 6103	20	04C8157	0.82
● 09 15 000 6107	26-22	04C8158	0.85

FEMALE INSERTS

● 09 15 000 6206	14	26C1858	0.82
● 09 15 000 6201	16	79K0460	0.82
● 09 15 000 6202	18	04C8173	0.82
● 09 15 000 6203	20	96B5550	0.82
● 09 15 000 6207	26-22	79K0427	0.89

(73801)

HAN® CRIMP TOOL AND ACCESSORIES



Mfg. Part No.	Description	Stock No.	Price Each
			1-9
● 09 99 000 0021	Service Crimping Tool with Locator	79K0525	331.37
● 09 99 000 0059*	Insertion Tool	79K0448	30.13
● 09 99 000 0052	Mini Removal Tool	94B4096	22.25

\* Insertion tool recommended for wire sizes less than or equal to 18 AWG. (78631)

HAN® NEMA 1/2 POWER CONNECTOR KITS



Features:

- Ready to assemble complete metric connector kit
- Heavy duty screw terminal inserts
- IP65/NEMA 4 rated assemblies
- Hood/housings color: Gray
- Male and female inserts are interchangeable between hood and housings

Just Added

Mfg. Part No.	Kit Contents	Stock No.	Price Each
			1-24
● 10 20 004 0001	Han Kit®-4AGM IP65, 600V per UL, 10A per contact, 4 contacts plus ground with screw terminals. Kit includes die cast top entry hood, die cast bulkhead mounted housing, male and female inserts, cord grip and flange gasket	18C0846	46.75
● 10 20 003 0003	Han Kit®-3AWM IP65, 600V per UL, 10A per contact, 3 contacts plus ground with screw terminals. Kit includes die cast top entry hood, die cast bulkhead mounted housing, male and female inserts, cord grip and flange gasket	18C1554	48.35
● 10 20 003 0005	Han Kit®-3AWSM IP65, 600V per UL, 10A per contact, 3 contacts plus ground with screw terminals. Kit includes die cast side entry hood, die cast bulkhead mounted housing, male and female inserts, cord grip and flange gasket	29H1625	50.57
● 10 20 004 0003	Han Kit®-4AWM IP65, 600V per UL, 10A per contact, 4 contacts plus ground with screw terminals. Kit includes die cast top entry hood, die cast right angled bulkhead mounted housing, male and female inserts, cord grip and flange gasket	18C1557	50.65
● 10 20 004 0005	Han Kit®-4AWSM IP65, 600V per UL, 10A per contact, 4 contacts plus ground with screw terminals. Kit includes die cast side entry hood, die cast bulkhead mounted housing, male and female inserts, cord grip and flange gasket	29H1626	56.79
● 10 20 004 0002	Han Kit®-4AGK IP65, 600V per UL, 10A per contact, 4 contacts plus ground with screw terminals. Kit includes plastic top entry hood, plastic mounted housing, male and female inserts, cord grip and flange gasket	18C1556	49.51
● 10 20 004 0004	Han Kit®-4AWK IP65, 600V per UL, 10A per contact, 4 contacts plus ground with screw terminals. Kit includes plastic top entry hood, plastic right angled bulkhead mounted housing, male and female inserts, cord grip and flange gasket	18C1558	52.50
● 10 20 010 0000	Han Kit®-10A IP65, 600V per UL, 16A per contact, 10 contacts plus ground with screw terminals. Kit includes die cast side entry hood, die cast bulkhead mounted housing, male and female inserts, cord grip and flange gasket	18C0847	84.14
● 10 20 016 0000	Han Kit®-16A IP65, 600V per UL, 16A per contact, 16 contacts plus ground with screw terminals. Kit includes die cast side entry hood, die cast bulkhead mounted housing, male and female inserts, cord grip and flange gasket	18C0848	111.62
● 10 33 006 0000	Han Kit®-6B IP65, 600V per UL, 16A per contact, 6 contacts plus ground, screw terminals with wire protection. Kit includes die cast side entry hood, die cast bulkhead mounted housing, male and female inserts, cord grip and flange gasket	18C0849	63.08
● 10 33 010 0000	Han Kit®-10B IP65, 600V per UL, 16A per contact, 10 contacts plus ground, screw terminals with wire protection. Kit includes die cast side entry hood, die cast bulkhead mounted housing, male and female inserts, cord grip and flange gasket	18C0850	79.86
● 10 33 016 0000	Han Kit®-16B IP65, 600V per UL, 16A per contact, 16 contacts plus ground, screw terminals with wire protection. Kit includes die cast side entry hood, die cast bulkhead mounted housing, male and female inserts, cord grip and flange gasket	18C0851	90.10
● 10 33 024 0000	Han Kit®-24B IP65, 600V per UL, 16A per contact, 24 contacts plus ground, screw terminals with wire protection. Kit includes die cast side entry hood, die cast bulkhead mounted housing, male and female inserts, cord grip and flange gasket	18C0852	110.51

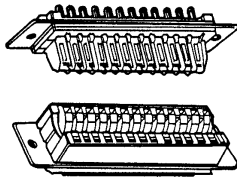
(91181)

RACK & PANEL CONNECTORS • CIRCULAR CONNECTORS

26 SERIES® BARRIER POLARIZATION RACK AND PANEL CONNECTORS



High-impact diallyl phthalate dielectrics and molded-in corrosion-resistant mounting plates. Rated 5 amps per contact, 750VDC. Temperature range: -55°C to +125°C. Barrier polarization feature prevents mismatching.



BARRIER POLARIZATION PLUGS

Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-9	10-24
● 26-182*	8	39FX130	12.90	11.53
● 26-4100-8P**	8	42FX150	11.61	9.34
● 26-4100-16P	16	42FX151	14.87	13.52
● 26-4100-24P	24	42FX152	17.97	16.20
● 26-4100-32P	32	42FX153	28.25	25.48

BARRIER POLARIZATION RECEPTACLES

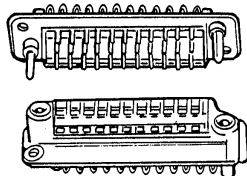
● 26-183*	8	39FX131	13.07	11.68
● 26-4200-8S**	8	42FX154	12.18	10.98
● 26-4200-16S	16	42FX155	17.33	15.75
● 26-4200-24S	24	42FX156	21.21	19.13
● 26-4200-32S	32	42FX157	25.69	23.17

\*Mounting hole centers: 1.688" (42.88); \*\*1.375" (34.93)  
(9015)

26 SERIES® PIN POLARIZATION RACK AND PANEL CONNECTORS



High-impact diallyl phthalate dielectrics and molded-in corrosion-resistant mounting plates. Rated 5 amps per contact, 750VDC. Temperature range: -55°C to +125°C. Feature pins that mate before contacts for sure alignment.



PIN POLARIZATION PLUGS

Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-9	10-24
● 26-159-16	16	39FX132	17.58	16.16
● 26-159-24	24	39FX134	23.88	21.96
● 26-159-32	32	39FX136	30.09	27.67

PIN POLARIZATION RECEPTACLES

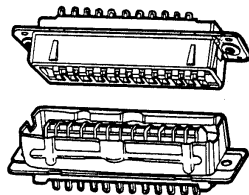
Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-9	10-24
● 26-190-16	16	39FX133	23.90	21.98
● 26-190-24	24	39FX135	30.37	27.93
● 26-190-32	32	39FX137	34.83	32.03

(9017)

26 SERIES® BARRIER POLARIZATION RACK AND PANEL CONNECTORS WITH KEYED SHELLS



High-impact diallyl phthalate dielectrics and molded-in corrosion-resistant mounting plates. Rated 5A per contact, 750VDC. Temperature rating: -55°C to +125°C. Barrier polarization feature prevents mis-mating. Keyed aluminum shells prevent mis-mating of several connectors mounted on same panel.



Mfg. Part No.	Contacts	Shell Keys	Description	Stock No.	Price Each	
					1-9	10-24
● 26-4101-8P	8	1	Plug	42FX182	20.41	18.53
● 26-4201-8S	8	1	Receptacle	42FX186	22.69	20.61

(9016)

Talk to our team of engineers.

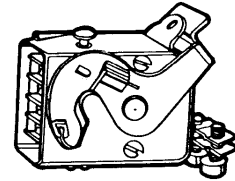
Chat live online with our expert technical team or connect to them by phone. Go online or call us today.

(94668)

26 SERIES® TOP CABLE ENTRY CABLE-TO-PANEL CONNECTORS



High-impact diallyl phthalate dielectrics and molded-in corrosion-resistant mounting plates. Rated 5A per contact, 750VDC. Temperature range: -55°C to +125°C. Feature positive latching to keep connector surely mated in shock or vibration environments. Latching arm can also be wire-locked. Shells keyed for polarization to prevent mismatching.



TOP CABLE ENTRY PLUGS

Shells provided with male inserts. Mate with mfg. part no. 26-4401 receptacles; order separately, go online or call.

Mfg. Part No.	Contacts	Shell Keys	Stock No.	Price Each	
				1-9	10-24
● 26-4301-16P	16	3-6	42FX159	60.84	55.35
● 26-4301-24P	24	3-6	42FX160	71.75	65.27

TOP CABLE ENTRY RECEPTACLES

Shells provided with socket inserts. Mate with Mfg. Part No. 26-4401 plugs; order separately, go online or call.

● 26-4301-16S	16	3-6	42FX163	67.00	60.95
● 26-4301-24S	24	3-6	42FX164	80.76	73.47

(9018)

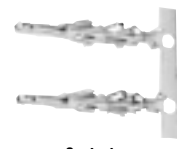
V.35 CONNECTOR KIT AND CONTACTS



Metal Cover and Insulator



Grommets



Contacts

V.35 is a high-speed serial interface designed to support higher data rates and connectivity between DTEs (data terminal equipment) or DCEs (data communication equipment) over digital lines in computer, modem and telecommunication applications. Standards met: CCITT V.35, ISO 2593, MIL-C-28748. Mfg. part no. SPC9666 connector kit includes 1 metal cover, 1 V.35 connector insulator and grommets. Mfg. part no. SPC9665 metal cover includes grommets. Order male contacts separately below.

Mfg. Part No.	Description	Stock No.	Price Each	
			1-24	
SPC9666	V.35 Male Cover/Connector Kit	95B1087	10.49	
SPC9665	V.35 Metal Cover, Nickel Plated	95B1086	9.44	
SPC9952*	V.35 Male Contact (Loose Piece)	10C2502	42.13	

\*Sold in packages of 100.  
(47381)

AMP CPC MEDICAL



- Contact finish: Gold over nickel
- Housing material: Phosphor bronze



Just Added

PANEL MOUNT RECEPTACLES

Mfg. Part No.	No. of Positions	Keying (*)	Wire Size (AWG)	Contact Material	Stock No.	Price Each	
						1-9	10-24
● 1877066-1	5	0	22	Phosphor Bronze	42M9909	28.55	25.63
● 1877066-4	5	80	22	Phosphor Bronze	42M9910	28.55	25.63
● 1877067-1	6	0	26	Phosphor Bronze	42M9911	31.89	28.63
● 1877067-4	6	80	26	Phosphor Bronze	42M9912	31.89	28.63
● 1877068-1	7	0	26	Phosphor Bronze	42M9913	35.34	31.72
● 1877068-4	7	80	26	Phosphor Bronze	42M9914	35.34	31.72
● 1877069-1	10	0	28	Phosphor Bronze	42M9915	52.39	47.02
● 1877069-4	10	80	28	Phosphor Bronze	42M9916	52.39	47.02

CABLE PLUGS COLLET

● 1877845-4	5	80	22	Brass	42M9919	17.82	15.99
● 1877845-7	5	0	22	Brass	42M9920	17.82	15.99
● 1877846-4	6	80	26	Brass	42M9921	19.01	17.06
● 1877846-7	6	0	26	Brass	42M9922	19.01	17.06
● 1877847-4	7	80	26	Brass	42M9923	20.72	18.60
● 1877847-7	7	0	26	Brass	42M9924	20.72	18.60

➔ CONTINUED ➔



CIRCULAR CONNECTORS

AMP CPC MEDICAL (CONT.)

CABLE PLUGS COLLET

Mfg. Part No.	No. of Positions	Keying (°)	Wire Size (AWG)	Contact Material	Stock No.	Price Each	
						1-9	10-24
● 1877848-4	10	80	28	Brass	42M9925	24.38	21.88
● 1877848-7	10	0	28	Brass	42M9926	24.38	21.88

CABLE PLUGS OVERMOLD

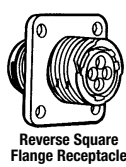
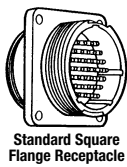
Mfg. Part No.	No. of Positions	Keying (°)	Wire Size (AWG)	Contact Material	Stock No.	1-9	10-24
● 1877849-2	5	80	22	Brass	42M9927	17.94	16.10
● 1877849-3	5	0	22	Brass	42M9928	17.94	16.10
● 1877850-2	6	80	26	Brass	42M9929	19.11	17.15
● 1877850-3	6	0	26	Brass	42M9930	19.11	17.15
● 1877851-2	7	80	26	Brass	42M9931	20.84	18.71
● 1877851-3	7	0	26	Brass	42M9932	20.84	18.71
● 1877852-2	10	80	28	Brass	42M9933	24.48	21.97
● 1877852-3	10	0	28	Brass	42M9934	24.48	21.97

NUTS

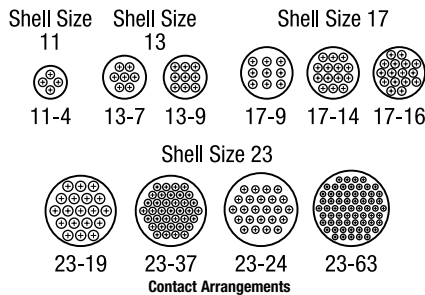
Mfg. Part No.	Description	Stock No.	Price Each	
			1-9	10-24
● 1811448-6	Front Nut, Gray	42M9907	0.74	0.66
● 1811448-7	Front Nut, Black	42M9908	0.74	0.66
● 1877841-6	Back Nut, Gray	42M9917	1.00	0.90
● 1877841-7	Back Nut, Black	42M9918	1.00	0.90

(94350)

SERIES 1 CPC CONNECTORS



- All Terminate to Wire, Unless Specified
- Black Thermoplastic Housings, Unless Specified
- Use Pin Contacts for Standard Gender Receptacles and Reverse Gender Plugs
- Use Socket Contacts for Reverse Gender Receptacles and Standard Gender Plugs
- No Contacts Needed for Feed-Thru or PC Board Terminating Receptacles



Series 1 lightweight, plastic connectors permit the use of multiple combinations of signal and coaxial circuits in the same housing by accepting Multimate contacts, order separately on pages 782-783. Ideal for standard density applications. Maximum wire insulation diameter: 0.100" (2.54) except for arrangement 23-24 which will accept 0.150" (3.81) diameter. UL recognized, CSA certified. Order cable clamps, tools and accessories separately on pages 780 and 782-783.

SQUARE FLANGE RECEPTACLES WITH MOUNTING HOLES

Mfg. Part No.	Shell Size	Contacts	Gender	Seal	Stock No.	Price Each	
						1-24	25-49
● 206061-2	11	4	Standard	Peripheral	66F6636	7.74	7.21
● 206061-1	11	4	Standard	None	44F8387	2.34	2.18
● 211401-1	13	7	Standard	None	66F3295	4.26	3.96
● 206705-3	13	9	Standard	Peripheral	48F1669	3.82	3.56
● 206705-1	13	9	Standard	None	44F8389	2.49	2.32
● 211767-1	17	9	Standard	None	92F8448	3.95	3.68
● 206036-4*	17	16	Standard	Peripheral	66F6168	4.89	4.55
● 206036-5*	17	16	Standard	None	66F6169	3.93	3.60
● 206036-1	17	16	Standard	None	44F8391	2.64	2.46
● 206552-1†	17	16	Standard	None	50F637	50.93	47.01
● 211771-1*	23	19	Standard	None	66F3349	5.11	4.75
● 206838-3	23	24	Standard	Peripheral	66F6170	4.97	4.63
● 206838-1	23	24	Standard	None	46F322	3.23	3.01
● 206151-3	23	37	Standard	Peripheral	66F6637	5.12	4.65
● 206151-1	23	37	Standard	None	44F8393	3.01	2.81

▶ CONTINUED ▶

SERIES 1 CPC CONNECTORS (CONT.)

Mfg. Part No.	Shell Size	Contacts	Gender	Seal	Stock No.	Price Each	
						1-24	25-49
● 211102-1+	11	4	Reverse	None	33B6882	4.50	4.29
● 206430-3	11	4	Reverse	Peripheral	66F6639	2.92	2.64
● 206430-1	11	4	Reverse	None	46F313	2.38	2.22
● 211398-1*	13	7	Reverse	None	98F5749	3.78	3.52
● 211769-1	17	9	Reverse	None	71C8214	4.32	4.02
● 206043-4	17	14	Reverse	Peripheral	66F6642	3.45	3.14
● 206043-1	17	14	Reverse	None	46F318	2.64	2.46
● 211773-1	23	19	Reverse	None	99F3126	4.33	3.94
● 206306-1	23	37	Reverse	None	46F326	3.01	2.81

\*Nylon housing; +Square flange with inserts; †Receptacle for feed-thru

SQUARE FLANGE RECEPTACLES — NO SEAL PC BOARD MOUNT AND TERMINATION

Mfg. Part No.	Shell Size	Contacts	Gender		Stock No.	Price Each	
			Reverse	Socket		1-24	25-49
● 208283-4	11	4	Reverse	Socket	52K3519	9.66	9.00
● 208223-9	13	9	Standard	Pin	52K3518	7.98	7.43
● 1-207303-3	17	16	Standard	Pin	52K3270	13.85	12.89
● 1-206455-2	23	63	Standard	Pin	52K3259	33.01	30.74

FREE-HANGING RECEPTACLES

Mfg. Part No.	Shell Size	Contacts	Gender	Seal	Stock No.	Price Each	
						1-24	25-49
● 206153-1	11	4	Standard	None	46F314	2.53	2.36
● 206705-2	13	9	Standard	None	46F317	2.55	2.38
● 206705-4	13	9	Standard	Peripheral	66F6167	4.12	3.84
● 206036-3*	17	16	Standard	None	46F321	2.64	2.46
● 206838-2†	23	24	Standard	None	46F323	4.41	4.10
● 206838-4‡	23	24	Standard	Peripheral	66F6643	5.04	5.04
● 206151-2	23	37	Standard	None	46F325	3.25	3.03
● 206430-2	11	4	Reverse	None	46F315	2.38	2.22
● 206430-4	11	4	Reverse	Peripheral	66F6640	5.65	5.26
● 206043-3	17	14	Reverse	None	46F319	3.27	3.05
● 206043-5	17	14	Reverse	Peripheral	66F6171	6.09	5.59
● 206306-2	23	37	Reverse	None	46F327	4.19	3.90

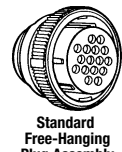
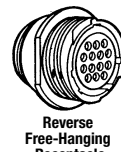
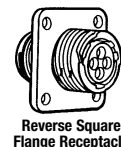
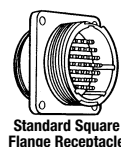
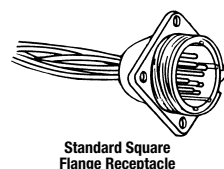
\*Nylon housing; †Round flange

FREE-HANGING PLUG ASSEMBLIES

Mfg. Part No.	Shell Size	Contacts	Gender	Stock No.	Price Each	
					1-24	25-49
● 206060-1	11	4	Standard	44F8386	2.88	2.68
● 211399-1	13	7	Standard	92F4843	3.91	3.64
● 206708-1	13	9	Standard	44F8388	3.14	2.93
● 211766-1	17	9	Standard	92F8387	5.15	4.79
● 206037-1	17	16	Standard	44F8390	3.23	3.01
● 206554-1	17	16	Standard	96B6478	7.66	7.13
● 211770-2	23	19	Standard	66F3340	6.22	5.65
● 206837-1**	23	24	Standard	46F324	4.23	3.94
● 206150-1**	23	37	Standard	44F8392	3.88	3.62
● 206429-1	11	4	Reverse	46F316	2.88	2.68
● 211400-1	13	7	Reverse	50F519	4.39	4.08
● 211768-1	17	9	Reverse	92F4844	4.43	4.12
● 206044-1	17	14	Reverse	46F320	3.23	3.01
● 211772-1	23	19	Reverse	92F6110	5.19	4.84
● 206305-1	23	37	Reverse	46F328	3.88	3.62

\*\*6/6 Nylon GF housing (8173)

SERIES 2 HIGH-DENSITY CPC CIRCULAR CONNECTORS

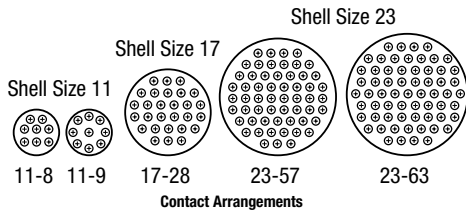


▶ CONTINUED ▶



CIRCULAR CONNECTORS

SERIES 2 HIGH-DENSITY CPC CIRCULAR CONNECTORS (CONT.)



- All terminate to wire, unless specified
- Receptacles have no seal
- Black thermoplastic housing, unless specified
- Use pin contacts for standard gender receptacles and reverse gender plugs
- Use socket contacts for reverse gender receptacles and standard gender plugs
- No contacts needed for feed-thru or pc board terminating receptacles
- Heat-stabilized and fire-resistant

Designed for normal commercial, unsealed applications such as automotive, aircraft, instrumentation, computer and peripheral equipment. Accepts size 20 DM (screw-machined) and size 20DF (precision-formed) pin and socket contacts with 0.040" (1.02) pin diameters. UL recognized, CSA certified. Order contacts, tools, and accessories separately on pages 779 and 782-783.

SQUARE FLANGE RECEPTACLES WITH MOUNTING HOLES

Mfg. Part No.	Shell Size	Contacts	Gender	Stock No.	Price Each	
					1-24	25-49
● 205841-1	11	8	Standard	46F1119	4.18	3.88
● 206458-1*	11	8	Standard	50B525	48.24	44.80
● 206486-1	11	9	Standard	46F1125	4.10	3.81
● 205840-3	17	28	Standard	46F1128	4.50	4.18
● 206127-1*	17	28	Standard	50F635	51.36	51.36
● 205843-1	23	63	Standard	46F1137	6.70	6.22
● 206433-1	11	8	Reverse	46F1122	4.23	3.92
● 206038-1	17	28	Reverse	46F1131	4.39	4.08
● 206438-1	23	57	Reverse	46F1134	6.98	6.48

\*Feed-thru

SQUARE FLANGE RECEPTACLES — PC BOARD MOUNT AND TERMINATION

Mfg. Part No.	Shell Size	Contacts	Gender		Stock No.	Price Each	
						1-24	25-49
206852-2	11	9	Standard	Pin	92C8619	10.02	9.31
● 1-208657-1+	11	8	Reverse	Socket	16M2655	8.87	8.23
● 1-207216-6	17	28	Reverse	Socket	52K3268	16.07	14.92

+Glass-filled nylon housing

FREE-HANGING RECEPTACLES

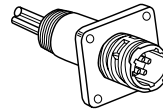
Mfg. Part No.	Shell Size	Contacts	Gender	Stock No.	Price Each	
					1-24	25-49
● 205841-2	11	8	Standard	46F1120	4.16	3.87
● 206486-2	11	9	Standard	46F1126	4.23	3.92
● 206152-1	17	28	Standard	46F1129	5.34	4.96
● 205843-2	23	63	Standard	46F1138	8.17	7.56
● 206433-2	11	8	Reverse	46F1123	4.23	3.92
● 206038-2	17	28	Reverse	46F1132	6.96	6.38
● 206438-2	23	57	Reverse	46F1135	11.62	10.56

FREE-HANGING PLUG ASSEMBLIES

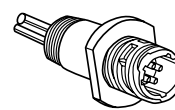
● 205838-1	11	8	Standard	46F1121	5.04	4.68
● 206485-1	11	9	Standard	46F1127	4.96	4.61
● 205839-3	17	28	Standard	46F1130	5.34	4.96
● 206125-1	17	28	Standard	88F2314	13.07	12.13
● 206126-1†	17	28	Standard	88F2315	9.98	9.57
● 205842-1	23	63	Standard	46F1139	7.12	6.61
● 206434-1	11	8	Reverse	46F1124	5.04	4.68
● 206039-1	17	28	Reverse	46F1133	5.21	4.84
● 206437-1	23	57	Reverse	46F1136	7.17	6.65
● 206509-1	Keying Plug			87F6584	0.41	0.38

†Reverse numbering (7977)

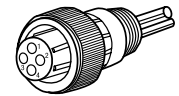
SERIES 3 AND 4 POWER-DENSITY CPC CONNECTORS



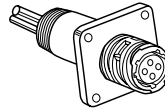
Series 3 Standard Square Flange Receptacle



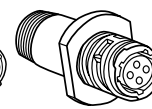
Series 3 Standard Free-Hanging Receptacle



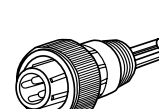
Series 3 Standard Free-Hanging Plug



Series 3 Reverse Square Flange Receptacle



Series 3 Reverse Free-Hanging Receptacle

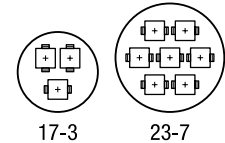


Series 3 Reverse Free-Hanging Plug

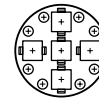


Series 4 Standard Square Flange Receptacle

- All Terminate to Wire, Unless Specified
- Use Pin Contacts for Standard Gender Receptacles and Reverse Gender Plugs
- Use Socket Contacts for Reverse Gender Receptacles and Standard Gender Plugs
- No Contacts Needed for Feed-Thru or PC Board Terminating Receptacles
- Heat-Stabilized and Fire-Resistant



SERIES 3



SERIES 4

Contact Arrangements

Circular plastic shell plugs and receptacles are designed for normal commercial, unsealed applications such as automotive, aircraft, instrumentation, computer and peripheral equipment. Series 3 uses Type XII power contacts, which carry up to 35A and accepts 16 to 8 AWG wire. Series 4 accepts size 16 and XII power contacts to combine signal with power circuit capabilities. UL recognized, CSA certified. Order contacts, tools, and accessories separately on page 779.

SERIES 3 SQUARE FLANGE RECEPTACLES WITH MOUNTING HOLES

No seal, black thermoplastic housing, except mfg. part no. 206036-2 which is nylon.

Mfg. Part No.	Shell Size	Contacts	Gender	Stock No.	Price Each	
					1-24	25-49
● 206036-2	17	3	Standard	46F1142	3.16	2.92
● 206137-1	23	7	Standard	46F1148	5.07	4.69
● 206425-1	17	3	Reverse	46F1145	3.16	2.92
● 206227-1	23	7	Reverse	46F1151	4.11	3.81

SERIES 3 FREE-HANGING RECEPTACLES

No seal, black thermoplastic housing.

● 206207-1	17	3	Standard	46F1143	3.16	2.92
● 206137-2	23	7	Standard	46F1149	5.20	4.81
● 206425-2	17	3	Reverse	46F1146	4.29	3.96
● 206227-2	23	7	Reverse	46F1152	4.11	3.81

SERIES 3 FREE-HANGING PLUG ASSEMBLIES

Black thermoplastic housing.

● 206037-2	17	3	Standard	46F1144	4.16	3.85
● 206136-1	23	7	Standard	46F1150	4.48	4.14
● 206426-1	17	3	Reverse	46F1147	5.65	5.22
● 206226-1	23	7	Reverse	46F1153	4.54	4.20

SERIES 4 SQUARE FLANGE RECEPTACLES WITH MOUNTING HOLES

Standard gender, no seal, black thermoplastic housing.

Mfg. Part No.	Shell Size	Contacts	Stock No.	Price Each	
				1-24	25-49
● 211825-1	23	5 Power, 8 Multimate	66F6173	6.05	5.60
● 402697510	23	4 Power, 12 Multimate	46F1162	3.92	3.63
● 206613-1	23	2 Power, 20 Multimate	46F1165	3.84	3.55

SERIES 4 FREE-HANGING RECEPTACLES

Standard gender, no seal, black thermoplastic housing.

● 211825-2	23	5 Power, 8 Multimate	66F6173	3.96	3.85
● 207486-2	23	4 Power, 12 Multimate	46F1163	5.69	5.26
● 206613-3	23	2 Power, 20 Multimate	46F1166	5.22	4.83

SERIES 4 FREE-HANGING PLUG ASSEMBLIES

Standard gender, black thermoplastic housing, except mfg. part no. 207485-1 which is 6/6 nylon GF.

● 211824-1	23	5 Power, 8 Multimate	66F6174	9.58	8.00
● 207485-1	23	4 Power, 12 Multimate	46F1164	4.63	4.28
● 206612-1	23	2 Power, 20 Multimate	46F1167	5.52	5.11

(7978)

Keep up with environmental laws.

Learn about China RoHS, US/Canadian green laws & free RoHS compliance tools. Visit [www.newark.com/rohs](http://www.newark.com/rohs)

(94635)

CIRCULAR CONNECTORS

MINI CIRCULAR PLASTIC CONNECTORS



- Current Rating: 5A Maximum
- Operating Voltage: 600V Maximum
- Dielectric Withstanding Voltage: 200VAC Minimum



Miniature CPC plugs and panel mount receptacles for wire-to-panel mating applications. Also available in wire-to-wire and wire-to-board configurations; free-hanging receptacle version, and other contact positions, *go online or call*. Ideal for industrial, instrumental and transportation applications where size, contact density and environmental exposure are primary concerns. Black, thermoplastic 1-pc. housings offer good resistance to a wide range of chemical agents while the IP67 sealing helps prevent ingress of dirt or fluids. Prepositioned ¼ turn coupling ring with positive lock and alignment features. Mini-Universal MATE-N-LOK® pre-tin plated, stamped-and-formed crimp contacts designed for up to 50 mating cycles; *order separately below*. Wire gauge: 22-18 AWG. Insulation diameter range: 0.059-0.110" (1.5-2.39mm). *Order vertical backshells and application tooling separately below*.

PANEL MOUNT RECEPTACLES

Mfg. Part No.	Shell Size	Positions	Stock No.	Price Each	
				1-24	
● 1445421-3	8	4	91C5919	5.64	
● 1445816-3	11	9	91C5929	6.05	

PLUGS

● 1445390-3	8	4	91C5918	3.87
● 1445807-3	11	9	91C5928	4.06

VERTICAL BACKSHELLS

Mfg. Part No.	Shell Size	Thread Size	Stock No.	Price Each	
				1-24	
● 1445730-1	8	½-20 UNEF 2B	91C5923	2.66	
● 1445856-1	11	¾-20 UNEF 2B	91C5931	2.33	

CRIMP CONTACTS — PRE-TIN FINISH

Mfg. Part No.	Description	Stock No.	Price Each	
			1-99	
● 770987-1	Pin	25C3423	0.13	
● 770988-1	Socket	25C3425	0.13	

APPLICATION TOOLS

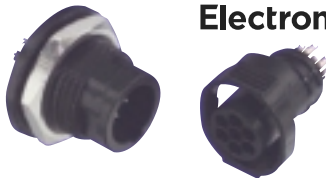
Mfg. Part No.	Description	Stock No.	Price Each
455830-1	Contact Insertion Tool	46F2045	17.06
189727-1	Contact Extraction Tool	66F6356	19.28

(74252)

MICRO CIRCULAR PLASTIC CONNECTORS



- Current Rating: 2-3A
- Operating Voltage: 250VAC Minimum
- Wire Gauge: 24-30 AWG
- Squeeze-to-Release Coupling Mechanism For Positive Latching
- Sealing: Splashproof IP65
- No Application Tools Required



Micro CPC plugs and panel mount receptacles for wire-to-panel mating applications. Also available in wire-to-wire and wire-to-board configurations; *go online or call*. Ideal for medical, instrumentation and industrial applications where size, contact density and durability are primary concern. 1-pc. nylon housing offers good resistance to a wide range of chemical agents while the IP65 sealing prevents ingress of dirt or fluids. Panel mount receptacle offers jam nut mounting. Solder cup wire termination. Dielectric withstanding voltage: 1500VAC minimum. Two shell sizes available: 9.5mm (7 positions) and 13.5mm (19 positions) with either spring probe contacts or screw machine pin and socket contacts. Other contact positions available; *go online or call*. *Order strain relief and jam nut separately below*.

PANEL MOUNT RECEPTACLES

Mfg. Part No.	Shell Size	Positions	Contacts	Stock No.	Price Each	
					1-24	
● 2-1445323-0	9.5mm	7	Spring Probe	87K6884	12.20	
● 2-1445555-0	9.5mm	7	Spring Probe	87K6885	17.77	
● 1445641-1	9.5mm	7	Pin & Socket	11H4595	10.17	
● 1445691-1	9.5mm	7	Pin & Socket	11H4614	9.55	
● 2-1445756-0	13.5mm	19	Pin & Socket	87K6888	37.42	
● 2-1445757-0	13.5mm	19	Spring Probe	87K6889	36.46	
● 1445772-1	13.5mm	19	Pin & Socket	11H4649	12.29	
● 1445773-1	13.5mm	19	Pin & Socket	11H4651	14.15	

FREE-HANGING RECEPTACLES

● 2-1445718-0	9.5mm	7	Spring Probe	87K6886	17.89
● 2-1445719-0	9.5mm	7	Spring Probe	87K6887	18.92
● 1445720-1	9.5mm	7	Pin & Socket	11H4633	7.86
● 1445721-1	9.5mm	7	Pin & Socket	91C5922	8.62
● 2-1445758-0	13.5mm	19	Spring Probe	87K6890	39.75
● 2-1445759-0	13.5mm	19	Spring Probe	87K6891	18.70

➤ CONTINUED ➤

MICRO CIRCULAR PLASTIC CONNECTORS (CONT.)

FREE-HANGING RECEPTACLES

Mfg. Part No.	Shell Size	Positions	Contacts	Stock No.	Price Each	
					1-24	
● 1445778-1	13.5mm	19	Pin & Socket	11H4654	18.70	
● 1445779-1	13.5mm	19	Pin & Socket	91C5926	13.51	

PLUGS

● 1445322-1	9.5mm	7	Spring Probe	91C5916	9.55
● 2-1445642-0	9.5mm	7	Pin & Socket	52K3451	5.67
● 1445777-1	13.5mm	19	Spring Probe	91C5925	15.74
● 2-1445782-3		19	Pin & Socket	87K6892	10.70

STRAIN RELIEFS

Mfg. Part No.	Width (Inches)	Height (Inches)	Height (Inches)	Stock No.	Price Each	
					1-24	
● 1604111-1	0.44	0.93	0.2	91C5933	4.23	
● 1604204-1	0.63	1.1	0.35	91C5936	2.90	

JAM NUTS

Mfg. Part No.	Width (Inches)	Height (Inches)	Thread Size	Stock No.	Price Each	
					1-24	
● 1604197-1	0.55	0.095	7/16-28	91C5935	1.83	
● 1604196-1	0.75	0.125	5/8-24	91C5934	1.77	
● 1445904-1	0.875	0.125	3/4-20 UNEF-2B	91C5932	1.53	

SEALS

Mfg. Part No.	Description	Size	Stock No.	Price Each	
				1-24	
● 1445420-1	Panel Seal	13.5 mm	11H4559	0.90	
● 1445420-3	Flange Seal	9.5 mm	96H4287	0.96	

(74251)

SERIES 1 SEALED CIRCULAR 1-PIECE PLASTIC CONNECTORS



Series 1 CPC connectors terminate to wire and include a pre-installed bonded peripheral seal. Receptacles feature black thermoplastic housing. Free-hanging plugs have ¼ nylon glass-filled housing. UL recognized, CSA certified, VDE approved. *Order Powerband precision-formed, high-current contacts separately; go online or call*.

Mfg. Part No.	Description	Shell Size	Contacts	Contact Gender	Stock No.	Price Each	
						1-24	25-99
● 796286-1	Square Flange Receptacle	23	37	Standard	16H6263	20.29	19.32
● 796190-1	Square Flange Receptacle	23	24	Standard	09C9379	13.56	12.91
● 796275-1	Square Flange Receptacle	17	16	Standard	16H6259	13.98	13.31
● 796275-2	Square Flange Receptacle	17	16	Standard	19H3862	28.64	27.27
● 796272-1	Square Flange Receptacle	17	14	Reverse	91C4154	14.52	13.82
● 788158-2	Square Flange Receptacle	13	9	Standard	24C6178	5.62	5.35
● 796095-2	Square Flange Receptacle	11	4	Standard	23C9744	5.36	5.11
● 788154-2	Square Flange Receptacle	11	4	Reverse	94C5447	11.88	11.31
● 796287-1	Free-Hanging Receptacle	23	37	Standard	19H3878	21.68	20.64
● 796276-1	Free-Hanging Receptacle	17	16	Standard	19H3863	13.98	13.31
● 796276-2	Free-Hanging Receptacle	17	16	Standard	19H3864	28.64	27.27
● 796273-1	Free-Hanging Receptacle	17	14	Reverse	16H6257	11.92	11.92
● 788159-2	Free-Hanging Receptacle	13	9	Standard	24C6179	5.62	5.35
● 796096-2	Free-Hanging Receptacle	11	4	Standard	23C9747	5.52	5.25
● 788155-2	Free-Hanging Receptacle	11	4	Reverse	25C0180	10.55	10.55
● 796288-1	Straight Plug	23	37	Standard	16H6264	15.41	...
● 796188-1	Straight Plug	23	24	Standard	09C9387	13.28	12.64
● 796291-1	Straight Plug	23	24	Standard	19H3879	12.14	12.14
● 796274-1	Straight Plug	17	16	Standard	16H6258	13.70	13.04
● 796274-2	Straight Plug	17	16	Standard	85C0775	26.51	26.51
● 796271-1	Straight Plug	17	14	Reverse	16H6256	14.27	13.58
● 788157-2	Straight Plug	13	9	Standard	24C6176	5.45	5.19
● 796094-2	Straight Plug	11	4	Standard	23C9719	5.06	4.82
● 788153-2	Straight Plug	11	4	Reverse	25C0451	10.83	10.31

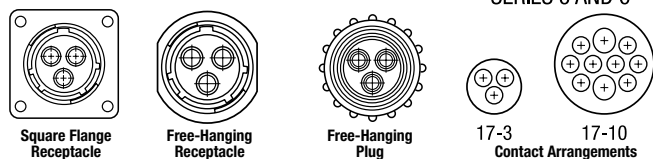
SEALS

Mfg. Part No.	Description	Stock No.	Price Each	
			1-24	
● 208337-1	Seal Protector (Insert Pins)	48F1671	3.54	
● 208338-1	Seal Protector (Insert Sockets)	48F1672	4.28	
● 796075-1	Wire Entry Seal Plug	16H6243	2.16	
● 81665-2	Square Flange Receptacle Seal	25C2606	1.04	

(84967)

CIRCULAR CONNECTORS

**SERIES 5 AND 6  
SEALED CPC CIRCULAR  
CONNECTORS**



Series 5 and 6 sealed, CPC connectors terminate to wire. Receptacles feature black thermoplastic housing. Free-hanging plugs have % nylon glass-filled housing. UL recognized, CSA certified, VDE approved. Order Powerband precision-formed, high-current contacts separately; go online or call.

**SERIES 5**

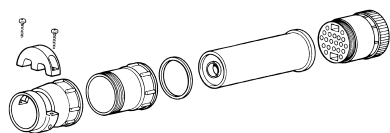
Mfg. Part No.	Description	Shell Size	Contacts	Contact Gender	Stock No.	Price Each	
						1-24	25-99
213889-2	Square Flange Receptacle	17	3	Standard	25C2548	5.29	5.03
213890-2	Free-Hanging Receptacle	17	3	Standard	12H6347	5.27	5.01
213905-1	Free-Hanging Plug	17	3	Standard	25C2549	6.86	6.52
788188-2	Straight Plug	17	3	Reverse	19H3630	22.38	21.29
788189-1*	Square Flange Receptacle	17	3	Reverse	19H3631	18.28	17.39
788189-2*	Square Flange Receptacle	17	3	Reverse	19H3632	27.10	25.77
796112-1	Free-Hanging Receptacle	17	3	Reverse	19H3786	13.28	12.63
788188-1	Straight Plug	17	3	Reverse	92C9221	17.94	17.06

**SERIES 6**

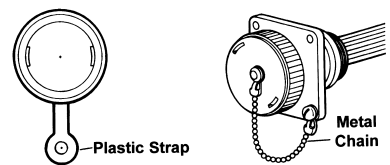
213893-2	Square Flange Receptacle	17	10	Standard	07C0889	4.24	4.04
213894-2	Free-Hanging Receptacle	17	10	Standard	12H6348	6.37	6.06
213906-1	Free-Hanging Plug	17	10	Standard	14C7841	7.55	7.18
796330-1	Free-Hanging Receptacle	23	16	Reverse	19H3881	18.81	17.89
796332-1	Straight Plug	23	16	Reverse	19H3882	17.10	16.26
796207-1	Free-Hanging Receptacle	23	16	Standard	39C0091	17.26	16.42
796203-1	Straight Plug	23	16	Standard	39C0092	19.42	18.47

\* Uses Flange Seal mfg. part no. 81665-2, order separately on page 778 (76436)

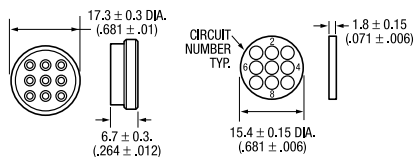
**SEALING ACCESSORIES  
FOR CPC CONNECTORS**



Cable Seal Kit



Sealing Caps



Seal

Pressure Plate

Wire Entry Seal Kit

**JACKETED CABLE SEAL KIT**

Kit includes: peripheral seal, collar, cable seal, backshell extender, clamp saddle.

Mfg. Part No.	Shell Size	Seals Dia. (Inches)	Stock No.	Price Each
				1-24
207052-1	23	0.300-0.450	87F4112	14.41
207052-2	23	0.450-0.600	87F4113	27.38
207052-3	23	0.600-0.875	87F4114	13.27

**CABLE ENTRY HEAT-SHRINK SEALING BOOTS**

54010-1	11	0.26-0.600	98F5882	9.62
54123-1	13	0.30-0.725	95F1798	10.07
54011-1	17	0.40-0.875	50F516	9.90

➔ CONTINUED ➔

**SEALING ACCESSORIES FOR CPC CONNECTORS (CONT.)**

**CABLE ENTRY HEAT-SHRINK SEALING BOOTS**

Mfg. Part No.	Shell Size	Seals Dia. (Inches)	Stock No.	Price Each	
				1-24	25-99
54012-1	23	0.55-1.100	96F9689	11.08	
54011-3	17	0.400-0.875	15H9801	10.07	
54123-2	13	0.250-0.375	15H9803	18.34	

**CABLE BOOTS AND GRIPS**

Mfg. Part No.	Description	Shell	Cable Range (Inches)	Stock No.	Price Each		
					1-24	25-49	50-99
207489-1	Cable Boot	11	0.15-0.25	87F4103	2.53	2.29	2.09
207241-1	Cable Boot	11	0.20-0.25	87F4105	4.60	4.16	3.73
207490-1*	Cable Grip	11	0.15-0.25	87F4104	2.65	2.42	2.22
207387-1*	Cable Grip	17	0.20-0.25	87F4106	3.96	3.57	3.21
207387-2*	Cable Grip	17	0.25-0.25	87F4107	3.81	3.44	3.08

\*For rigid jacket such as PVC

Mfg. Part No.	Description	Shell Size	Stock No.	Price Each		
				1-24	25-49	50-99
213811-1	Coupling Rings for Plugs	11	52F083	1.09	0.98	0.88
213813-1	Coupling Rings for Plugs	13	52F086	1.49	1.36	1.27
213810-1	Coupling Rings for Plugs	17	52F084	1.22	1.11	0.99
213812-1	Coupling Rings for Plugs	23	52F085	2.06	1.86	1.67
207055-1	Backshell Extender	23	87F4100	4.60	4.16	3.73
206304-1	Rubber Boots	11	87F4101	7.89	7.12	6.39
207299-1	Panel Mounting Flange for Plugs	11	87F4115	5.14	4.65	4.17
207299-2	Panel Mounting Flange for Plugs	13	87F4116	4.58	4.14	3.71
207299-3	Panel Mounting Flange for Plugs	17	93F2086	4.80	4.33	3.89
207299-4	Panel Mounting Flange for Plugs	23	87F4117	3.09	2.79	2.51

**SEALING CAPS FOR RECEPTACLES**

Mfg. Part No.	Shell Size	CPC Series	Cap Attachment	Stock No.	Price Each		
					1-24	25-49	50-99
206903-1	11	1 and 2	Strap	87F4118	3.63	3.28	2.94
208800-1	11	1 and 2	Chain	87F4119	6.39	5.81	5.32
211870-1	13	1	Strap	87F4120	3.44	3.10	2.79
213485-1	13	1	Chain	66F6175	7.59	6.85	6.15
207445-1	17	1,2 and 3	Strap	87F4121	4.19	3.79	3.40
208652-1	17	1,2 and 3	Chain	87F4108	6.12	5.52	4.96
207446-1	23	1,3 and 4	Strap	87F4109	4.79	4.35	3.97
208680-1	23	1,3 and 4	Chain	87F4110	7.69	6.95	6.23
207446-2	23	2	Strap	87F4111	7.05	6.36	5.71

**PERIPHERAL SEALS FOR RECEPTACLES**

Mfg. Part No.	Shell Size	Stock No.	Price Each	
			1-24	25-49
206403-1	11	44F8398	0.68	0.61
206403-4	13	44F8399	1.00	0.90
206403-2	17	44F8400	0.77	0.69
206403-3	23	44F8401	1.39	1.25

**WIRE ENTRY SEAL KITS**

Kits include: silicon wire entry seal and black nylon pressure plate.

Mfg. Part No.	Description	Shell Size	Positions	Insulation Dia. (Inches)	Stock No.	Price Each
						1-24
213899-1	Seal Kit for Pins or Sockets+	17	3	0.265-0.265	25C2550	5.63
213900-1	Seal Kit for Pins or Sockets+	17	10	0.150-0.265	34C4878	4.83
213919-2	Seal Kit for Pins	17	14	0.075-0.125	93B5018	3.43
213920-2	Seal Kit for Pins	17	16	0.075-0.125	32C5751	5.25
213926-1	Seal Kit for Pins	13	9	0.075-0.125	12H6352	3.95
213919-1	Seal Kit for Sockets	17	14	0.075-0.125	12H6351	4.68
213920-1	Seal Kit for Sockets	17	15	0.075-0.125	95C1632	11.19
213925-1	Seal Kit for Sockets	13	9	0.075-0.125	20C3060	3.95

+Requires cable clamp kit mfg. part no. 213902-1; order separately below

**CABLE CLAMP KITS**

Mfg. Part No.	Shell	Cable Bundle Dia. (Inches)	Stock No.	Price Each		
				1-24	25-49	50-99
213902-3	17	0.703	16M2881	3.98	3.59	3.22
213904-3	17	0.453	52K3521	4.15	3.75	3.36

**FLANGE SEALS**

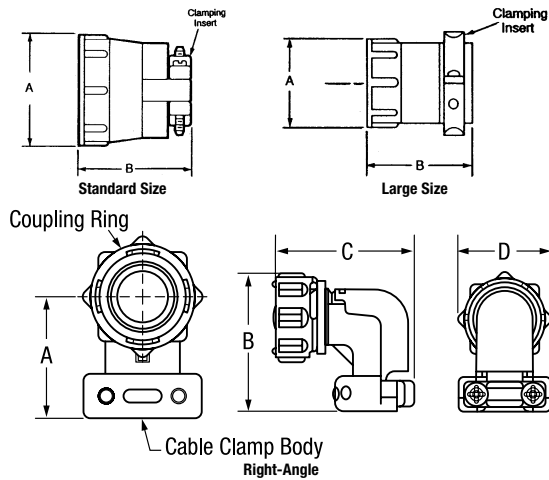
Mfg. Part No.	Shell	Stock No.	Price Each		
			1-24	25-49	50-99
81665-3	11	25C3640	1.32	1.19	1.07
81665-4	13	29C6301	1.42	1.29	1.08
81665-5	23	29C6302	1.44	1.32	1.21

(7996)



CIRCULAR CONNECTORS

CPC CONNECTOR CABLE CLAMPS



- Thermoplastic Housing, Rated UL94V-1
- Heat-Stabilized and Fire-Resistant
- Thread Size: 3/8-24 UNEF-2B
- Right-Angle Thread Size: 15/16-20 UNEF-2B

Prevent excessive strain on cable or wire.

STANDARD SIZE CABLE CLAMPS

Mfg. Part No.	Shell Size	Dimensions		Cable O.D.	Screw Length	Stock No.	Price Each	
		A	B				1-24	25-49
● 1-206062-6	11	0.825"	1.250"	0.329"	0.375"	86K8556	3.51	3.32
● 1-206062-4	11	0.825"	1.250"	0.329"	0.500"	87K2215	4.12	3.90
● 206070-8	17	1.125"	1.400"	0.453"	0.500"	84K8505	3.54	3.35
● 206138-8	23	1.600"	1.555"	0.703"	0.625"	76K2522	3.76	3.55

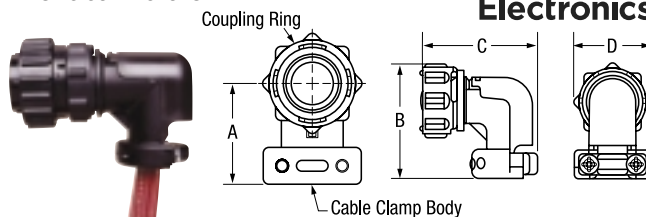
LARGE SIZE CABLE CLAMPS

Mfg. Part No.	Shell Size	Dimensions		Cable O.D.	Screw Length	Stock No.	Price Each	
		A	B				1-24	25-49
● 206358-5	11	0.850"	1.450"	0.453"	0.500"	71K0405	3.83	3.62
● 207008-5	13	1.131"	1.655"	0.703"	0.625"	87K2219	3.95	3.74
● 206322-9	17	1.131"	1.655"	0.703"	0.625"	78K6814	4.99	4.72
● 206512-5	23	1.600"	1.655"	1.125"	0.625"	82K8949	5.30	4.74
● 207774-3	23	1.600"	1.663"	1.125"	1.000"	52K3515	6.41	5.83

RIGHT-ANGLE CABLE CLAMP

Mfg. Part No.	Shell Size	Dimensions				Cable O.D. Max.	Stock No.	Price Each
		A	B	C	D			1-24
● 796381-2	17	1.200"	1.80"	1.75"	1.20"	0.453"	52K3936	6.63

RIGHT-ANGLE CABLE CLAMPS WITH COVER FOR CIRCULAR PLASTIC CONNECTORS

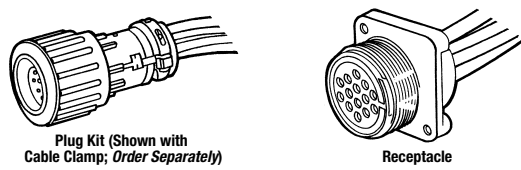


- Attachable Cover Provides Wire Insulation Protection
- Allows Wires to Be Moved in 360° Radius

Ideal for industrial machinery and instrumentation applications or any AMP® circular plastic connector application where a straight cable clamp is too long. Strain relief body uses a coupling ring to attach to the connector body allowing the harness assembler to position the direction of the wire assembly in a 360° radius. Features an attachable cover that provides wire insulation protection at the rear of the connector body. Constructed of black thermoplastic that's heat-stabilized, fire-resistant, self-extinguishing and rated UL94V-0.

Mfg. Part No.	Shell Size	Dimensions				Cable O.D. Max.	Stock No.	Price Each
		A	B	C	D			1-9
● 1546347-2	11	0.900"	1.40"	1.36"	0.885"	0.329"	85K8461	5.86
● 1546348-2	13	1.100"	1.66"	1.65"	1.01"	0.453"	16M2721	5.74
● 1546349-2	17	1.200"	1.80"	1.77"	1.20"	0.453"	16M2722	5.63
● 1546350-2	23	1.515"	2.40"	1.97"	1.685"	0.703"	52K3418	6.33

MIL-C-5015 CPC (CIRCULAR PLASTIC) CONNECTORS



- 14 Positions
- All-Plastic Shell, Size 20
- Reverse or Standard
- Black Polyamide Housing
- UL Recognized, CSA Certified

Order contacts(\*) separately on pages 782-783. Order cable clamp for plug separately on this page.

PLUG KITS WITHOUT CABLE CLAMP — FREE-HANGING

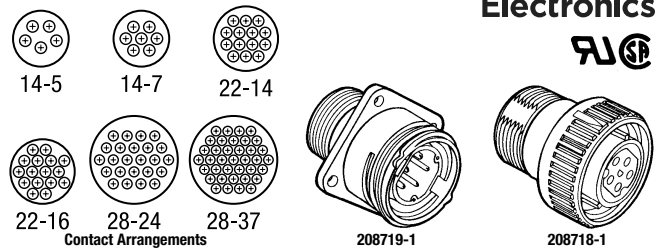
Mfg. Part No.	Gender	Use With*	Stock No.	Price Each
				1-9
● 213571-2	Reverse	Pin Contacts	52F5458	10.64
● 213652-1	Standard	Socket Contacts	81C7414	14.94

SQUARE FLANGE RECEPTACLES — WITH MOUNTING HOLES

● 213570-1	Reverse	Pin Contacts	52F5875	9.87
● 213651-1	Standard	Socket Contacts	81C7396	7.36

(75624)

SERIES 1 STANDARD-DENSITY METAL SHELL CPC CONNECTORS



SQUARE-FLANGE RECEPTACLES

- Shell Thread Size: 7/8 - 20 UNEF-2A
- Wire Insulation Diameter: 0.135" (3.43mm)

No seal, black thermoplastic housing, flammability rated UL94V-0. Both receptacles and plug assemblies terminate to wire. Use pin contacts for standard gender receptacles and reverse gender plugs. Use socket contacts for reverse gender receptacles and standard gender plugs. UL recognized, CSA certified. Order contacts and cable clamps separately on pages 782-783 and on this page.

Mfg. Part No.	Shell Size	Contacts	Gender	Stock No.	Price Each		
					1-9	10-24	25-49
● 208719-1	14	5	Standard	87F6186	19.81	18.15	16.75
● 208715-1	14	7	Standard	87F6189	25.21	23.08	21.32
● 208489-1	22	16	Standard	87F6181	34.80	31.85	29.43
● 208459-1	28	24	Standard	87F6169	64.61	59.14	54.64
● 208471-1	28	37	Standard	87F6171	39.78	36.42	33.65
● 208721-1	14	5	Reverse	87F6585	28.93	26.48	24.47
● 208717-1	14	7	Reverse	87F6177	26.48	24.24	22.39
● 208487-1	22	14	Reverse	87F6179	31.16	28.52	26.35
● 208473-1	28	37	Reverse	87F6173	39.78	36.42	33.65

FREE-HANGING PLUG ASSEMBLIES

● 208718-1	14	5	Standard	87F6185	60.85	55.70	51.46
● 208714-1	14	7	Standard	87F6188	40.22	36.82	34.02
● 208488-1	22	16	Standard	87F6180	37.55	34.38	31.76
● 208457-1	28	24	Standard	87F6182	50.25	46.00	42.50
● 208470-1	28	37	Standard	87F6170	50.25	46.00	42.50
● 208720-1	14	5	Reverse	87F6187	42.39	38.86	35.88
● 208716-1	14	7	Reverse	87F6176	41.29	37.80	34.92
● 208486-3*	22	14	Reverse	54H2846	47.00	43.02	39.75
● 208486-1	22	14	Reverse	87F6178	38.21	35.75	33.58
● 208472-1	28	37	Reverse	87F6172	45.21	41.46	38.26

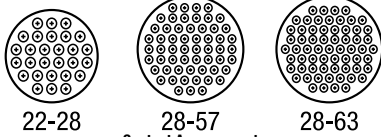
\*With Tetrazeals (8074)



**SERIES 2 HIGH-DENSITY METAL SHELL CPC CIRCULAR CONNECTORS**



**SERIES 2**



No seal, black thermoplastic housing, flammability rated UL94V-0. All terminate to wire. Use pin contacts for standard gender receptacles and reverse gender plugs. Use socket contacts for reverse gender receptacles and standard gender plugs. Order contacts and cable clamps separately on pages 776-777 on page 780.

**SQUARE FLANGE RECEPTACLES**

Mfg. Part No.	Shell Size	Contacts	Gender	Stock No.	Price Each	
					1-9	10-24
● 208491-1	22	28	Standard	87F6175	24.88	23.32
● 208477-1	28	63	Standard	87F6167	37.99	35.21
● 208493-1	22	28	Reverse	87F6163	17.83	16.52
● 208475-1	28	57	Reverse	87F6165	41.27	38.25

**FREE-HANGING PLUG ASSEMBLIES**

Mfg. Part No.	Shell Size	Contacts	Gender	Stock No.	Price Each	
					90-43	82-90
● 208490-1	22	28	Standard	87F6174	90.43	82.90
● 208476-1	28	63	Standard	87F6166	145.48	132.26
● 208492-1	22	28	Reverse	87F6162	94.80	87.86
● 208474-1	28	57	Reverse	87F6164	145.76	135.09

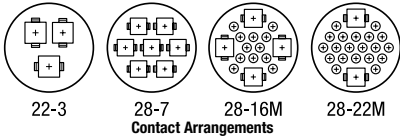
(76437)

**SERIES 3 AND SERIES 4 (POWER-DENSITY) METAL SHELL CPC CIRCULAR CONNECTORS**



**SERIES 3**

**SERIES 4**



No seal, black thermoplastic housing, flammability rated UL94V-0. Both Series 3 and Series 4 connectors terminate to wire. Use pin contacts for standard gender receptacles and reverse gender plugs. Use socket contacts for reverse gender receptacles and standard gender plugs. Order contacts and cable clamps separately on pages 780 and 782-783.

**SERIES 3 CONNECTORS**

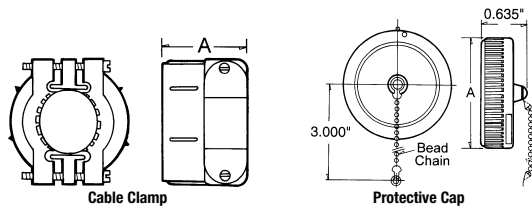
Mfg. Part No.	Shell Size	Contacts	Description	Gender	Stock No.	Price Each
						1-24
● 208483-1	28	7	Sq.-Flange Recept.	Standard	87F6155	37.60
● 208485-1	28	7	Sq.-Flange Recept.	Reverse	87F6157	37.56
● 208482-1	28	7	Free-Hanging Plug	Standard	87F6168	55.58
● 208484-1	28	7	Free-Hanging Plug	Reverse	87F6156	48.78
● 208496-1	22	3	Free-Hanging Plug	Reverse	66F6177	43.54

**SERIES 4 CONNECTORS**

● 208479-1	28	4 Power/12 Multimate	Sq.-Flange Recept.	Standard	87F6159	38.52
● 208481-1	28	2 Power/20 Multimate	Sq.-Flange Recept.	Standard	98F9189	41.98
● 208478-1	28	4 Power/12 Multimate	Free-Hanging Plug	Standard	87F6158	36.08
● 208480-1	28	22	Free-Hanging Plug	Standard	98F9188	53.20

(76438)

**METAL SHELL CPC CONNECTOR ACCESSORIES**



For Series 1, 2, 3 and 4 metal shell CPC connectors. Mfg. part no. 208945-X cable clamps prevent excessive strain on cable/wire from being passed along to contacts inside connector housing. Zinc-plated aluminum alloy. Unassembled components include: body, 2 screws, 2 lock washers, 2 straps. Clamps thread directly onto metal shell plugs or receptacles. Mfg. part nos. 211903-1 and 211904-1 are zinc alloy protective caps with nickel-plated metal bead chains for receptacles only.

➤ CONTINUED ➤

**METAL SHELL CPC CONNECTOR ACCESSORIES (CONT.)**

**CABLE CLAMPS**

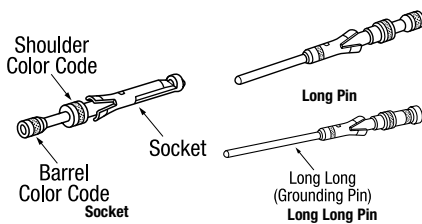
Mfg. Part No.	Shell Size	Cable O.D. (In.)	Dim. A (In.)	Thread Size	Stock No.	Price Each		
						1-24	25-49	50-99
● 208945-5	14	0.312-0.562	0.938	7/8-20	87F6160	10.66	9.85	9.04
● 208945-7	22	0.500-0.750	0.938	1 1/16-18	87F6161	17.48	16.15	14.82
● 208945-8	28	0.625-0.938	1.031	1 1/8-18	87F6190	24.25	22.41	20.56

**PROTECTIVE CAPS**

Mfg. Part No.	Shell Size	Dim. A (In.)	Stock No.	Price Each		
				1-24	25-49	50-99
● 213823-2	14	2.25	66F6644	17.73	16.38	15.03
● 211903-1	22	1.75	96F6690	34.72	32.07	29.43
● 211904-1	28	2.17	50F521	37.22	34.38	31.55

(8075)

**TYPE II MULTIMATE PIN AND SOCKET CONTACTS**



- Brass Contact Body
- Gold Contact Plating
- Stainless Steel Retention Spring
- 0.062" Pin Diameter
- Long Length
- Color Coded
- Test Current: 13A

Signal contact type. Size: 16. Use with G series, CPC, and M series connectors; go online or call.

**PIN CONTACTS**

Mfg. Part No.	AWG	Insulation Diameter	Color-Code Barrel/Shoulder	Stock No.	Price Each
					1-24
● 201570-1	14	No Insulation	Violet/Blue	12H4716	2.17
● 202725-1	18	No Insulation	...	93B9535	5.42
● 200336-1	18-16	No Insulation	Blue/Blue	50F668	2.30
● 202507-1	18-16	0.080-0.105"	...	95F2708	1.72
● 204219-1*	18-16	No Insulation	Blue/Blue	12H4910	2.13
● 201330-1	24-20	0.055-0.088"	Yellow/Red	50F554	2.07
● 201578-1	24-20	0.040-0.062"	Yellow/Red	50F561	1.54
● 201611-1	28-24	0.035-0.055"	Red/Red	50F611	2.20

**SOCKET CONTACTS**

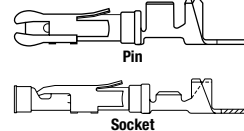
● 201568-1	14	No Insulation	Violet/Blue	50F560	2.65
● 202726-1	18	No Insulation	...	02H0194	12.61
● 200333-1	18-16	No Insulation	Blue/Blue	50F667	2.63
● 202508-1	18-16	0.080-0.106"	...	50F615	3.16
● 201580-1	24-20	0.040-0.062"	Yellow/Red	50F610	1.89
● 201613-1	28-24	0.035-0.055"	Red/Red	03C3743	2.44

\*Long Long (Grounding Pin) — Pin Diameter: 0.63" (75626)

**TYPE III+ MULTIMATE SIGNAL CRIMP CONTACTS**



- Brass Contact Material
- 0.062" Pin Diameter
- Stainless Steel Spring
- Test Current: 13A



**TYPE III+ PIN CONTACTS**

Mfg. Part No.	Contact Plating	AWG	Contact Size	Insulation Diameter (in.)	Stock No.	Price Each
						1-9
213603-1†	Bright Tin	18-14	16	0.110-0.150	85C1635	0.62
● 66602-2*	Gold	18-14	16	0.110-0.150	50F601	0.55
● 164164-2*	Gold over Nickel	18-16	16	0.079-0.098	90B5680	1.33
213605-1†	Tin	24-20	17	0.060-0.120	12H6307	0.58

**TYPE III+ SOCKET CONTACTS**

● 1-66563-1*	Bright Tin	24-20	16	0.060-0.120	52K3338	0.65
● 66601-9*	Bright Tin	18-14	16	0.110-0.150	52K3922	0.46
● 66563-8*	Gold	24-20	16	0.060-0.120	34B1398	0.92
● 66565-1*	Gold	24-20	16	0.060-0.120	50F587	1.76

➤ CONTINUED ➤

CIRCULAR CONNECTORS

TYPE III+ MULTIMATE SIGNAL CRIMP CONTACTS (CONT.)

TYPE III+ SOCKET CONTACTS

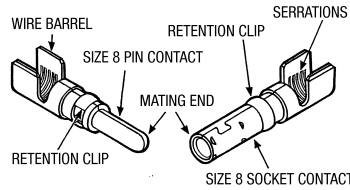
Mfg. Part No.	Contact Plating	AWG	Contact Size	Insulation Diameter (in.)	Stock No.	Price Each
● 66565-7*	Bright Tin	24-20	17	0.060-0.120	52K3914	0.73
● 66565-4*	Gold	24-20	18	0.060-0.120	92F4852	0.52

\*Use with MIL-C-5015 connectors; call Newark; \*Use with CPC and M connectors; call Newark (75625)

MULTIMATE 0.125 POWERBAND CONTACTS



- 0.125" (3.18mm) Pin Diameter
- Test Current - 50A



Crimp wire termination type size 8 pin and socket contacts. Use with CPC connectors; go online or call.

POWERBAND PIN CONTACTS

Mfg. Part No.	Plating in Mating Area	AWG	Stock No.	Price Each	
				1-9	10-49
● 213841-3	Silver	8-10	39C0095	2.74	2.56
● 213841-4	Gold	8-10	20C8957	3.27	3.00
● 213845-3	Silver	12-14	39C0093	2.67	2.54
● 213845-4	Gold	12-14	14C7843	3.56	3.28

POWERBAND SOCKET CONTACTS

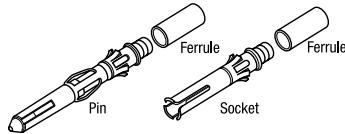
Mfg. Part No.	Plating in Mating Area	AWG	Stock No.	Price Each	
				1-9	10-49
● 213843-3	Silver	8-10	39C0096	4.34	4.04
● 213843-4	Gold	8-10	22C0946	5.10	4.71
● 213847-3	Silver	12-14	39C0094	4.34	4.04
● 213847-4	Gold	12-14	24C9547	5.10	4.71

(75627)

MULTIMATE SUBMINIATURE COAXIAL PIN AND SOCKET CONTACTS



- Brass Outer Shell
- TPX Inner Dielectric
- Stainless Steel Retention Spring



Each pin and socket contact requires a ferrule; order separately below. Contacts and ferrules sold individually.

COAXIAL PIN CONTACTS — SIZE 16, GOLD-OVER-COPPER CENTER CONDUCTOR FINISH

Mfg. Part No.	Description	Cable Size RG/U	Hand Tool	Stock No.	Price Each
					1-24
● 226537-2	Terminates to Coaxial Cable	178, 178A, 178B, 196, 196A, 196DB	69656-2, 69656-9	98F7268	12.61
● 226537-1	Terminates to Coaxial Cable, Shielded Wire	161, 174, 174DB, 179, 179A, 179B, 187, 187A, 187DB, 188, 188A, 316, Belden 9221, RD-316, AWG 26	69656-3	50F654	7.92
● 226537-3	Terminates to Twisted Pair	28, 30 (Twisted Pair-Solid), 28 (Twisted Pair, Stranded 0.005 Dia.), 26 (Twisted Pair, Solid or Stranded 0.063 Dia.)	69656, 69656-1, 69656-2	15H5978	10.35

COAXIAL SOCKET CONTACTS — GOLD-OVER-NICKEL CENTER CONDUCTOR FINISH

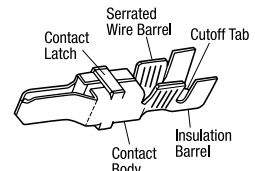
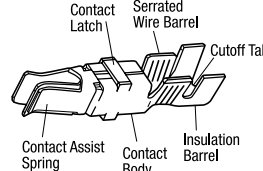
● 51565-2	Terminates to Coaxial Cable	178, 178A, 178B, 196, 196A, 196DB	69656-2, 69656-9	50F647	10.66
● 51565-1	Terminates to Coaxial Cable, Shielded Wire	161, 174, 174DB, 179, 179A, 179B, 187, 187A, 187DB, 188, 188A, 316, Belden 9221, RD-316, AWG 26	69656-3	50F664	7.36
● 51565-3	Terminates to Twisted Pair	28, 30 (Twisted Pair-Solid), 28 (Twisted Pair, Stranded 0.005 Dia.), 26 (Twisted Pair, Solid or Stranded 0.063 Dia.)	69656, 69656-1, 69656-2	92F6104	12.84

COAXIAL FERRULES — BRIGHT TIN-LEAD FINISH

Mfg. Part No.	Description	Hand Tool	Stock No.	Price Each
				1-49
● 1-332056-0	For use with Pin 226537-1, Socket 51565-1	69656, 69656-1	50F696	0.64
● 1-332057-0	For use with Pins 226537-2 and 226537-3, Sockets 51565-2 and 51565-3	69656-2	54H2696	0.70

(75628)

SERIES 1 AND 3 MULTIMATE CONTACTS



Series 1 Type III+ precision-formed, crimp and solder-tab brass signal contacts feature stainless steel spring. Contact size: 16. Test current: 13A. Use with CPC circular connectors, G series and M series connectors. Series 3 Type XII copper power contacts for use with CPC circular connectors, G series and M series connectors. Order keying plugs separately below. Contacts sold individually or in packages of 100.

SERIES 1 TYPE III+ KEYING PINS — SOLD IN PACKAGES OF 100

Mfg. Part No.	AWG	Contact Mating Area Finish	Insulation Diameter (in.)	Stock No.	Price per Pkg.
					1-24
● 1-66361-3	18-14	Bright Tin	0.080-0.100	52K3334	0.40
● 1-66107-2*	26-24	Bright Tin	0.035-0.055	69K7694	34.05
● 202236-6	Solder-Tab	Bright Tin	0.062	52K3488	0.96
● 1-66361-1*	18-14	Gold-Over-Nickel	0.080-0.100	96F7921	51.33
● 1-66103-7	24-20	Gold-Over-Nickel	0.040-0.080	96F7935	50.84
● 66103-4	24-20	Gold-Over-Nickel	0.040-0.080	34B1378	0.59
● 1-66107-0	28-24	Gold-Over-Nickel	0.035-0.055	96F7919	50.79

SERIES 1 TYPE III+ KEYING PLUG — SOLD INDIVIDUALLY

Mfg. Part No.	AWG	Contact Mating Area Finish	Insulation Diameter (in.)	Stock No.	Price Each
					1-49
● 1-66361-2	18-14	Bright Tin	0.080-0.100	02J8006	0.30
● 66602-8	18-14	Bright Tin	0.110-0.150	52K3923	0.38
● 1-66103-8	24-20	Bright Tin	0.040-0.080	52K3323	0.38
● 66566-7	24-20	Bright Tin	0.060-0.012	52K3915	0.69
● 1-66107-1	26-24	Bright Tin	0.035-0.055	52K3326	0.38
● 202236-5	Solder-Tab	Bright Tin	0.062	52K3487	0.86
● 202236-7	Solder-Tab	Gold-Over-Nickel	0.062	52K3489	1.53
● 66602-2	18-14	Gold-Over-Nickel	0.110-0.150	50F601	0.55
● 66099-4	18-16	Gold-Over-Nickel	0.080-0.100	54H3458	0.60
● 164163-2	24-20	Gold-Over-Nickel	0.045-0.071	93B7078	1.88
● 66566-4	24-20	Gold-Over-Nickel	0.060-0.012	92F8436	0.56
● 66593-4	24-20	Gold	0.040-0.080	52K3918	0.48
● 66107-4	26-24	Gold-Over-Nickel	0.035-0.055	17C6384	0.56
● 66406-4	30-26	Gold-Over-Nickel	0.014-0.030	34B1387	0.92
● 66429-4	30-26	Gold-Over-Nickel	0.040-0.060	52F5226	0.88

SERIES 1 TYPE III+ SOCKETS — SOLD IN PACKAGES OF 100

Mfg. Part No.	AWG	Contact Mating Area Finish	Insulation Diameter (in.)	Stock No.	Price per Pkg.
					1-4
● 1-66360-3	18-14	Bright Tin	0.080-0.100	69K7696	39.18
● 2-66101-0	18-16	Bright Tin	0.080-0.100	69K7698	39.83
● 2-66105-0	24-20	Bright Tin	0.040-0.080	69K7699	39.83
● 1-66360-1	18-14	Gold-Over-Nickel	0.080-0.100	96F7140	75.99
● 1-66105-8	24-20	Gold-Over-Nickel	0.040-0.080	96F7936	60.75
● 1-66109-6	28-24	Gold-Over-Nickel	0.035-0.055	96F7920	60.73

SERIES 1 TYPE III+ SOCKETS — SOLD INDIVIDUALLY

Mfg. Part No.	AWG	Contact Mating Area Finish	Insulation Diameter (in.)	Stock No.	Price Each
					1-24
● 1-66360-2	18-14	Bright Tin	0.080-0.100	02J8001	0.44
● 1-66105-9	24-20	Bright Tin	0.040-0.080	52K3325	0.44
● 66594-4	24-20	Gold	0.040-0.080	52K3919	0.56
● 1-66109-7	26-24	Bright Tin	0.035-0.055	52K3328	0.69
● 202237-5	Solder-Tab	Bright Tin	0.062	52K3490	0.83
● 66601-2	18-14	Gold-Over-Nickel	0.110-0.150	50F599	0.64
● 66565-4	24-20	Gold-Over-Nickel	0.060-0.012	92F4852	0.52
● 66109-4	26-24	Gold-Over-Nickel	0.035-0.055	17C6386	0.68
● 66405-4	30-26	Gold-Over-Nickel	0.014-0.030	24C5723	1.41
● 66428-4	30-26	Gold-Over-Nickel	0.040-0.060	07H2675	2.00
● 202237-7	Solder-Tab	Gold-Over-Nickel	0.062	52K3491	1.70

➔ CONTINUED ➔

CIRCULAR CONNECTORS

SERIES 1 AND 3 MULTIMATE CONTACTS (CONT.)

SERIES I TYPE III KEYING PINS — SOLD IN PACKAGES OF 100

Mfg. Part No.	Description	Stock No.	Price Each
			1-4
● 200821-1	Keying Plug	87F6183	26.98

SERIES 3 TYPE XII POWER PINS — SOLD INDIVIDUALLY

Mfg. Part No.	AWG	Contact Mating Area Finish	Insulation Diameter (in.)	Stock No.	Price Each
					1-24
● 66262-2*	14-12	Gold	0.135-0.160	92F4851	6.08
● 66255-6	14-12	Gold	0.135-0.160	70C3858	4.55
● 66261-2	14-12	Gold Flash	0.135-0.160	46F1154	4.57
● 66261-5	14-12	Tin	0.135-0.160	52K3913	2.52
● 66253-6	10-8	Gold	0.190-0.220	29C5873	3.63
● 66259-2	10-8	Gold-Over-Nickel	0.190-0.220	46F1156	3.42
● 66253-8	10-8	Silver	0.190-0.220	13C2632	1.85
● 66259-5	10-8	Tin	0.190-0.220	52K3912	2.52
● 193991-4	8	Silver	...	90B3338	7.90

SERIES 3 TYPE XII POWER SOCKETS — SOLD INDIVIDUALLY

● 66101-4	18-16	Gold Over Nickel	0.135-0.160	50B625	0.70
● 66740-6	16-12	Gold	0.135-0.160	90F7240	4.24
● 2-66740-1	16-12	Tin	0.135-0.160	52K3480	4.58
● 1-66740-1	14-12	Gold	0.135-0.160	70C3808	7.64
● 66740-9	14-12	Silver	0.135-0.160	35C2417	4.02
● 1-66741-1	10-8	Gold Over Nickel	0.190-0.220	10H3139	7.20
● 66741-9	10-8	Silver	0.190-0.220	29C5874	3.35
● 66741-6	10	Gold-Over-Nickel	0.190-0.220	51F3487	6.77
● 2-66741-1	10	Tin	0.190-0.220	52K3481	5.95

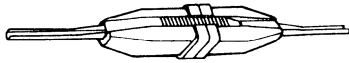
\*Copper grounding contact

SERIES 3 TYPE XII KEYING PLUG — SOLD INDIVIDUALLY

Mfg. Part No.	Description	For Use with	Stock No.	Price Each
				1-49
● 207597-1	Keying Plug	Pin Cavity	52F089	2.19

(8174)

CPC APPLICATION TOOLS



Insertion/Extraction Tool

Mfg. Part No.	Description	Stock No.	Price Each
58495-1	PRO-CRIMPER™ II Hand Tool (28-24, 24-20 AWG)	44F8409	145.50
58495-2	PRO-CRIMPER™ II Die Set	48F1670	103.50
91515-1	Straight-Action Hand Tool with Die Set (26-24, 24-20 AWG)	85C3173	519.12
91505-1	Straight-Action Hand Tool with Die Set (18-16 AWG)	92C2182	468.14
91523-1	Straight-Action Hand Tool with Die Set (24-20 AWG)	85C0748	519.12
91519-1	Straight-Action Hand Tool with Die Set (18-14 AWG)	89C0342	573.01
91521-1	Straight-Action Hand Tool w/Die Set (Crimp Mfg. Part No. F)	89C0346	573.02
● 91002-1	Contact Insertion Tool	89F4310	19.01
● 305183	Contact Extraction Tool	44F8408	14.28

SERIES 2 APPLICATION TOOLS

58448-2	PRO-CRIMPER™ II Hand Tool	44F8730	145.50
91503-1	CERTI-CRIMP® Hand Tool (28-24, 24-20 AWG)	72C5755	510.42
91285-1	Insertion/Extraction Tool (28-24 AWG)	90F1401	14.93
● 91067-2	Insertion/Extraction Tool (24-20 AWG)	44F8729	7.06

SERIES 3 APPLICATION TOOLS

90382-2	CERTI-CRIMP® Hand Tool, (16-12 AWG)	46F1160	680.56
90384-1	CERTI-CRIMP® Hand Tool, (10-8 AWG)	46F1161	680.56
91019-3	Extraction Tool	46F1159	125.57
● 91124-1	Economy Extraction Tool	46F1158	49.92

(94640)

Online today.  
On your desk tomorrow.

- Best products, great value.
  - No minimum order fees, no hassles.
- Visit us online today.

CIRCULAR PLASTIC CONNECTOR KITS



Wide selection of CPC plugs, receptacles, contacts, cable clamps, and application tooling. Choice of 2 kits: Series 1 standard-density and Series 2 high-density.

Mfg. Part No.	446-Piece Series 1 Standard-Density Connector Kit Contents	Quantity
206060-1	Shell Size 11/Arrangement 11-4/SEX Standard	4
206061-1	Standard 4 Position Plug	2
206061-1	Square Flange 4 Position Receptacle	2
206153-0	Free-Hanging 4 Position Receptacle	2
206062-1	Shell Size 11 Cable Clamp	4
206708-1	Shell Size 13/Arrangement 13-9/SEX Standard	4
206705-1	Standard 9 Position Plug	2
206705-2	Square Flange 9 Position Receptacle	2
206966-1	Free-Hanging 9 Position Receptacle	2
206966-1	Shell Size 13 Cable Clamp	3
206037-1	Shell Size 17/Arrangement 17-16/SEX Standard	4
206036-1	Standard 16 Position Plug	2
206036-1	Square Flange 16 Position Receptacle	2
206036-3	Free-Hanging 16 Position Receptacle	2
206070-1	Shell Size 17 Cable Clamp	3
206150-1	Shell Size 23/Arrangement 23-37/SEX Standard	4
206151-1	Standard 37 Position Plug	2
206151-2	Square Flange 37 Position Receptacle	2
206138-1	Free-Hanging 37 Position Receptacle	2
206138-1	Shell Size 23 Cable Clamp	2
66361-1	18-14 AWG Tin-Plated Pin	100
66360-4	18-14 AWG Tin-Plated Socket	100
66103-2	24-20 AWG Tin-Plated Pin	100
66105-2	24-20 AWG Tin-Plated Socket	100
305183	Contact Extraction Tool (20-16 AWG)	1
696202-1	AMP® Service Hand Tool	1

Mfg. Part No.	Description	Stock No.	Price Each
● 608030-5	446-Pc. Series 1 Standard Connector Kit	87K6919	416.19

Mfg. Part No.	544-Piece Series 2 High-Density Connector Kit Contents	Quantity
206037-2	Shell Size 11/Arrangement 11-8/SEX Standard	4
205841-1	Standard 8 Position Plug	2
205841-2	Square Flange 8 Position Receptacle	2
205841-2	Free-Hanging 8 Position Receptacle	2
206485-1	Shell Size 11/Arrangement 11-9/SEX Standard	4
206486-1	Standard 9 Position Plug	2
206486-2	Square Flange 9 Position Receptacle	2
206062-1	Free-Hanging 9 Position Receptacle	2
206062-1	Shell Size 11 Cable Clamp	5
205839-3	Shell Size 17/Arrangement 17-28/SEX Standard	4
205840-3	Standard 28 Position Plug	2
206152-1	Square Flange 28 Position Receptacle	2
206070-1	Free-Hanging 28 Position Receptacle	2
206070-1	Shell Size 17 Cable Clamp	3
205842-1	Shell Size 23/Arrangement 23-63/SEX Standard	4
205843-1	Standard 63 Position Plug	2
205843-2	Square Flange 63 Position Receptacle	2
205843-2	Free-Hanging 63 Position Receptacle	2
206138-1	Shell Size 23 Cable Clamp	2
66507-9	28-24 AWG Gold Flashed Pin	100
66505-9	28-24 AWG Gold Flashed Socket	100
66506-9	24-20 AWG Gold Flashed Pin	100
66504-9	24-20 AWG Gold Flashed Socket	100
206509-1	Keying Plug for Size 20DM, 20DF Contacts	100
91067-2	Contact Insertion/Extraction Tool	1
696202-1	AMP® Service Hand Tool	1

Mfg. Part No.	Description	Stock No.	Price Each
● 608030-6	544-Pc. Series 2 High-Density Connector Kit	87K6920	455.21

(7995)



CIRCULAR CONNECTORS

MINIATURE PUSH-PULL CONNECTORS



Amphenol®



Latch In-Line Receptacle

Snatch In-Line Receptacle

Chassis Mount Plug

SCE series are miniature connectors with a silent push to mate and pull to release design across two styles of cable receptacles. All inserts and contacts are molded in place, achieving high environmental sealing to IP68. The snatch push pull design is fully grounded and cannot be locked when mated, as the cable receptacle has no moving parts eliminating moisture and dust to the surface. The latch push pull design can be non-grounded or grounded and is locked when mated by rotating by rotating the coupling nut fitted to the cable receptacle by 30°. This coupling mechanism locks the connectors together, ensuring that they cannot be inadvertently unmated. Both are fitted with internal and external o-rings for sealing. The chassis mounting plug remains unchanged to allow the user to select either a snatch or latch cable receptacle without changing the equipment interface. Scoop proof shell to shell keying is provided with five different key options A, B, S, D and N positions to prevent mis-mating between shells of different operations.

LATCH IN-LINE RECEPTACLES

Mfg. Part No.	Shell Size	Insert Arrangement	Contacts	Termination	Stock No.	Price Each
● SCE-B-1K06-07PA	06	06-07	7	Solder	42M3433	80.32
● SCE-B-1K06-07PB	06	06-07	7	Solder	42M3434	80.32
● SCE-B-1K06-07PN	06	06-07	7	Solder	42M3435	74.94
● SCE-B-1K07-14PA	07	06-07	7	Solder	42M3436	78.62
● SCE-B-1K07-14PB	07	07-14	14	Solder	42M3437	78.62
● SCE-B-1K07-14PC	07	07-14	14	Solder	42M3438	113.54
● SCE-B-1K07-14PD	07	07-14	14	Solder	42M3439	106.55
● SCE-B-1K07-14PN	07	07-14	14	Solder	42M3440	72.56

SNATCH IN-LINE RECEPTACLES

● SCE-B-01K06-07PA	06	06-07	7	Solder	42M3441	87.68
● SCE-B-01K06-07PB	06	06-07	7	Solder	42M3442	87.68
● SCE-B-01K06-07PN	06	06-07	7	Solder	42M3443	81.58
● SCE-B-01K07-14PN	07	07-14	14	Solder	42M3444	100.82

IN-LINE PLUGS

● SCE-B-06K06-07SA	06	06-07	7	Crimp	42M3445	58.35
● SCE-B-06K06-07SB	06	06-07	7	Crimp	42M3446	61.45
● SCE-B-06K06-07SN	06	06-07	7	Crimp	42M3447	58.35
● SCE-B-06K07-14SN	07	07-14	14	Crimp	42M3448	94.32

CHASSIS MOUNT PLUGS

● SCE-B-76A06-07SA-001	06	06-07	7	PCB	42M3449	50.68
● SCE-B-76A06-07SA-002	06	06-07	7	Solder	42M3450	50.68
● SCE-B-76A06-07SB-001	06	06-07	7	PCB	42M3451	50.68
● SCE-B-76A06-07SB-002	06	06-07	7	Solder	42M3452	50.68
● SCE-B-76A06-07SC-001	06	06-07	7	PCB	42M3453	57.67
● SCE-B-76A06-07SN-001	06	06-07	7	Solder	42M3454	56.62
● SCE-B-76A06-07SN-002	06	06-07	7	PCB	42M3455	59.56
● SCE-B-76A07-14SA-001	07	07-14	14	Solder	42M3456	94.25
● SCE-B-76A07-14SA-002	07	07-14	14	PCB	42M3457	99.24
● SCE-B-76A07-14SB-001	07	07-14	14	Solder	42M3458	94.25
● SCE-B-76A07-14SB-002	07	07-14	14	PCB	42M3459	99.24
● SCE-B-76A07-14SD-001	07	07-14	14	Solder	42M3460	100.82
● SCE-B-76A07-14SN-001	07	07-14	14	PCB	42M3461	81.93
● SCE-B-76A07-14SN-002	07	07-14	14	Solder	42M3462	92.18

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
● 390-0088-130-02-(771)	Dust Cap and Cord (Crimp Ferrule, No Eyelet) For Plugs with Shell Size 06	42M3464	33.49
● 390-0088-130-03-(771)	Dust Cap and Cord (Eyelet, No Crimp Ferrule) For Plugs with Shell Size 06	42M3465	33.49
● 390-5016-130-02-(771)	Dust Cap and Cord (Crimp Ferrule, No Eyelet) For In-Line Receptacles with Shell Size 06	42M3468	48.44
● 390-5016-130-03-(771)	Dust Cap and Cord (Eyelet, No Crimp Ferrule) For In-Line Receptacles with Shell Size 06	42M3469	48.44
● 390-5019-130-02-(771)	Dust Cap and Cord (Crimp Ferrule, No Eyelet) For In-Line Receptacles with Shell Size 07	42M3470	33.49
● 390-5019-130-03-(771)	Dust Cap and Cord (Eyelet, No Crimp Ferrule) For In-Line Receptacles with Shell Size 07	42M3471	33.49
● 390-5020-130-02-(771)	Dust Cap and Cord (Crimp Ferrule, No Eyelet) For In-Line Receptacles with Shell Size 07	42M3472	39.24
● 390-5020-130-03-(771)	Dust Cap and Cord (Eyelet, No Crimp Ferrule) For In-Line Receptacles with Shell Size 07	42M3473	39.24

(93060)

MINIATURE PUSH-PULL CONNECTORS

Amphenol®



PPS series are miniature connectors with push pull technology. Designed for use on equipment that is not submersed or left exposed to the elements for prolonged periods. To mate, the plug is pushed onto the receptacle. The connector is locked in its rest position and is released by pulling back the coupling nut. Plugs have a black silver body and back-shell with a black coupling nut.

STRAIGHT PLUGS — BLACK SILVER BODY AND BACKSHELL WITH BLACK COUPLING NUT

Mfg. Part No.	Shell Size	Insert Arrangement	Contacts	Max. Cable Diameter (mm)	Stock No.	Price Each
● PPS-06T05-07PA-001	05	05-07	7	6.3	42M3413	48.42
● PPS-06T05-07PA-002	05	05-07	7	4.3	42M3415	51.68
● PPS-06T05-07PA-003	05	05-07	7	3.2	42M3417	51.68
● PPS-06T05-07PB-001	05	05-07	7	6.3	42M3419	48.42
● PPS-06T05-07PB-002	05	05-07	7	4.3	42M3421	51.68
● PPS-06T05-07PB-003	05	05-07	7	3.2	42M3423	51.68

STRAIGHT PLUGS — BLACK SILVER BODY AND BACKSHELL WITH ELECTROLESS NICKEL COUPLING NUT

● PPS-06T05-07PA-001(976)	05	05-07	7	6.3	42M3414	48.42
● PPS-06T05-07PA-002(976)	05	05-07	7	4.3	42M3416	51.68
● PPS-06T05-07PA-003(976)	05	05-07	7	3.2	42M3418	51.68
● PPS-06T05-07PB-001(976)	05	05-07	7	6.3	42M3420	48.42
● PPS-06T05-07PB-002(976)	05	05-07	7	4.3	42M3422	51.68
● PPS-06T05-07PB-003(976)	05	05-07	7	3.2	42M3424	51.68

JAM NUT RECEPTACLES — ELECTROLESS NICKEL BODY AND PANEL NUT

Mfg. Part No.	Shell Size	Insert Arrangement	Contacts	Receptacle Contact Style	Stock No.	Price Each
● PPS-07A05-07SA-001(416)	05	05-07	7	PCB	42M3425	35.21
● PPS-07A05-07SA-002(416)	05	05-07	7	Solder	42M3427	38.40
● PPS-07A05-07SB-001(416)	05	05-07	7	PCB	42M3429	35.21
● PPS-07A05-07SB-002(416)	05	05-07	7	Solder	42M3431	38.40

JAM NUT RECEPTACLES — BLACK SILVER BODY AND PANEL NUT

● PPS-07A05-07SA-001(970)	05	05-07	7	PCB	42M3426	35.21
● PPS-07A05-07SA-002(970)	05	05-07	7	Solder	42M3428	38.40
● PPS-07A05-07SB-001(970)	05	05-07	7	PCB	42M3430	35.21
● PPS-07A05-07SB-002(970)	05	05-07	7	Solder	42M3432	38.40

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
● 390-5012	Plug Dust Cap	42M3466	1.12
● 390-5013	Receptacle Dust Cap	42M3467	1.12
● 390-0022-02	Ground Plug Device	42M3463	4.03

(93061)

AMPHE-PPM PUSH/PULL CONNECTORS

Just Added



Amphenol Industrial



Box Mount Receptacle

Jam Nut Receptacle

Straight Plug

Straight Plug with Rubber Boot

- Push/pull rapid mate connector system
- Positive mating in limited space
- Solder contacts
- 500+ mating cycles

- Designed to IEC 61984
- Inserts rated UL94V-0
- Sealed versions are IP67 rated, non-sealed are IP55 rated

10mm SEALED BOX MOUNT RECEPTACLES — NICKEL FINISH

Mfg. Part No.	Contact Type	No. of Contacts	Contact Diameter (mm)	Stock No.	Price Each		
● APSCPB2	Pin	3	1	10M5797	29.32	26.46	23.74
● APSCSB2	Socket	3	1	10M5803	29.32	26.46	23.74
● APSCPD2	Pin	5	0.8	10M5800	32.11	28.98	26.00
● APSCSD2	Socket	5	0.8	10M5806	32.11	28.98	26.00

12mm SEALED BOX MOUNT RECEPTACLES — NICKEL FINISH

● APSDPA2	Pin	2	1.6	10M5809	30.36	27.40	24.59
● APSDSA2	Socket	2	1.6	10M5815	30.36	27.40	24.59
● APSDPF2	Pin	7	1	10M5812	34.57	31.20	27.99
● APSDSF2	Socket	7	1	10M5818	34.57	31.20	27.99

▶ CONTINUED ▶



CIRCULAR CONNECTORS



AMPHE-PPM PUSH/PULL CONNECTORS (CONT.)

16mm SEALED BOX MOUNT RECEPTACLES — NICKEL FINISH

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APSEPB2, APSES82, APSEPF2, APSESF2, APSEP2, APSESJ2.

18mm SEALED BOX MOUNT RECEPTACLES — NICKEL FINISH

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APSFA2, APSSA2, APSFPB2, APSSB2, APSFC2, APSSC2, APSPD2, APSSD2.

10mm SEALED JAM NUT RECEPTACLES — NICKEL FINISH, PG7 SEALING RANGE

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APSCPB7E2, APSCB7E2, APSPD7E2, APSDS7E2.

12mm SEALED JAM NUT RECEPTACLES — NICKEL FINISH, PG9 SEALING RANGE

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APSDPA7E2, APSSA7E2, APSDF7E2, APSDS7E2.

16mm SEALED JAM NUT RECEPTACLES — NICKEL FINISH, PG13.5 SEALING RANGE

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APSEP7E2, APSES7E2, APSEPF7E2, APSESF7E2, APSEPJ7E2, APSESJ7E2.

18mm SEALED JAM NUT RECEPTACLES — NICKEL FINISH, PG16 SEALING RANGE

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APSFA7E2, APSSA7E2, APSPB7E2, APSSB7E2, APSFC7E2, APSSC7E2, APSPD7E2, APSDS7E2.

10mm SEALED STRAIGHT PLUGS — NICKEL FINISH, PG7 SEALING RANGE

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APSCP6E2, APSC6E2, APSPD6E2, APSDS6E2.

12mm SEALED STRAIGHT PLUGS — NICKEL FINISH, PG9 SEALING RANGE

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APSDPA6E2, APSSA6E2, APSDF6E2, APSDS6E2.

16mm SEALED STRAIGHT PLUGS — NICKEL FINISH, PG13.5 SEALING RANGE

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APSEP6E2, APSES6E2, APSEPF6E2, APSESF6E2, APSEPJ6E2, APSESJ6E2.

18mm SEALED STRAIGHT PLUGS — NICKEL FINISH, PG16 SEALING RANGE

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APSFA6E2, APSSA6E2, APSPB6E2, APSSB6E2, APSFC6E2, APSSC6E2, APSPD6E2, APSDS6E2.

12mm NON-SEALED BOX MOUNT RECEPTACLES — NICKEL FINISH

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APNAPA2N, APNASA2N, APNAPF2N, APNASF2N.

▶ CONTINUED ▶

AMPHE-PPM PUSH/PULL CONNECTORS (CONT.)

16mm NON-SEALED BOX MOUNT RECEPTACLES — NICKEL FINISH

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APNBPB2N, APNBSB2N, APNBP2N, APNBSF2N, APNBPJ2N, APNBSJ2N.

12mm NON-SEALED BOX MOUNT RECEPTACLES — BLACK EPOXY FINISH

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APNAPA2B, APNASA2B, APNAPF2B, APNASF2B.

16mm NON-SEALED BOX MOUNT RECEPTACLES — BLACK EPOXY FINISH

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APNBPB2B, APNBSB2B, APNBP2B, APNBSF2B, APNBPJ2B, APNBSJ2B.

12mm NON-SEALED JAM NUT RECEPTACLES WITH CABLE CLAMP — NICKEL FINISH

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APNAPA7NC, APNASA7NC, APNAPF7NC, APNASF7NC.

16mm NON-SEALED JAM NUT RECEPTACLES WITH CABLE CLAMP — NICKEL FINISH

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APNBPB7NC, APNBSB7NC, APNBP7NC, APNBSF7NC, APNBPJ7NC, APNBSJ7NC.

12mm NON-SEALED JAM NUT RECEPTACLES WITH RUBBER BOOT — BLACK EPOXY FINISH

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APNAPA7BR, APNASA7BR, APNAPF7BR, APNASF7BR.

16mm NON-SEALED JAM NUT RECEPTACLES WITH RUBBER BOOT — BLACK EPOXY FINISH

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APNBPB7BR, APNBSB7BR, APNBP7BR, APNBSF7BR, APNBPJ7BR, APNBSJ7BR.

12mm NON-SEALED STRAIGHT PLUGS WITH CABLE CLAMP — NICKEL FINISH

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APNAPA6NC, APNASA6NC, APNAPF6NC, APNASF6NC.

16mm NON-SEALED STRAIGHT PLUGS WITH CABLE CLAMP — NICKEL FINISH

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APNBPB6NC, APNBSB6NC, APNBP6NC, APNBSF6NC, APNBPJ6NC, APNBSJ6NC.

12mm NON-SEALED STRAIGHT PLUGS WITH RUBBER BOOT — BLACK EPOXY FINISH

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APNAPA6BR, APNASA6BR, APNAPF6BR, APNASF6BR.

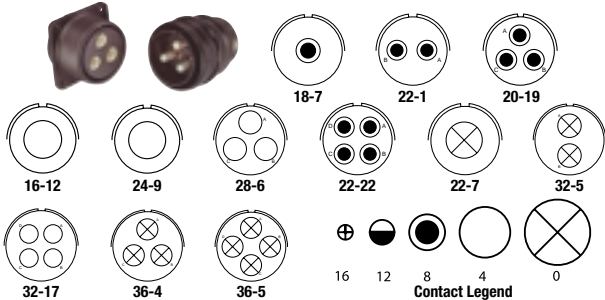
16mm NON-SEALED STRAIGHT PLUGS WITH RUBBER BOOT — BLACK EPOXY FINISH

Table with 7 columns: Mfg. Part No., Contact Type, No. of Contacts, Contact Diameter (mm), Stock No., Price Each (1-9, 10-49, 50+). Includes parts like APNBPB6BR, APNBSB6BR, APNBP6BR, APNBSF6BR, APNBPJ6BR, APNBSJ6BR.

(89372)

CIRCULAR CONNECTORS

AMPHE-POWER™ CONNECTORS WITH RADSOK® TECHNOLOGY



Amphenol now offers RADSOK® technology in MIL-C-5015 cylindrical connectors for high current applications. Featuring a flat stamped, hyperbolic twisted contact grid in the socket, a 50% increase in current rating is achieved. See table below. This allows smaller connectors with more power. Amphenol 5015 AC series are durable, field-proven cylindrical connectors derived from the MIL-C-5015 family and feature a threaded coupling with resilient neoprene inserts and single key/key polarization. Amphenol GT series are reverse bayonet coupling connectors with an audible, tactile and visual full mating feature. Neoprene inserts and heavy duty, rugged shells. *More information on RADSOK technology available, go online or call.*

Contact Size (AWG)	Standard Current Rating (A)	Amphenol Power Current Rating (A)
8	33	69
4	60	120
0	125	250

THREADED COUPLING (5015) BOX MOUNT RECEPTACLES

Mfg. Part No.	Shell Size	Insert Arrangement	Contacts	Stock No.	Price Each
ACC02E16-12P(025)	16	16-12	1	46M3779	13.27
ACC02E18-7P(025)	18	18-7	1	46M3780	15.73
ACC02E20-19P(025)	20	20-19	3	46M3781	26.60
ACC02E22-1P(025)	22	22-1	2	46M3782	18.70
ACC02E22-22P(025)	22	22-22	4	46M3783	32.11
ACC02E22-7P(025)	22	22-7	1	46M3784	27.65
ACC02E24-9P(025)	24	24-9	2	46M3785	26.71
ACC02E28-6P(025)	28	28-6	3	46M3786	34.78
ACC02E32-17P(025)	32	32-17	4	46M3787	33.78
ACC02E32-5P(025)	32	32-5	2	46M3788	23.22
ACC02E36-4P(025)	36	36-4	3	46M3789	38.44
ACC02E36-5P(025)	36	36-5	4	46M3790	35.27

THREADED COUPLING (5015) STRAIGHT PLUGS

Mfg. Part No.	Shell Size	Insert Arrangement	Contacts	Stock No.	Price Each
ACC06E16-12R(025)	16	16-12	1	46M3791	37.56
ACC06E18-7R(025)	18	18-7	1	46M3792	35.49
ACC06E20-19R(025)	20	20-19	3	46M3793	60.66
ACC06E22-1R(025)	22	22-1	2	46M3794	53.50
ACC06E22-22R(025)	22	22-22	4	46M3795	57.10
ACC06E22-7R(025)	22	22-7	1	46M3796	59.60
ACC06E24-9R(025)	24	24-9	2	46M3797	91.59
ACC06E28-6R(025)	28	28-6	3	46M3798	73.92
ACC06E32-17R(025)	32	32-17	4	46M3799	97.79
ACC06E32-5R(025)	32	32-5	2	46M3800	116.87
ACC06E36-4R(025)	36	36-4	3	46M3801	201.70
ACC06E36-5R(025)	36	36-5	4	46M3802	211.99

REVERSE BAYONET (GT) BOX MOUNT RECEPTACLES

Mfg. Part No.	Shell Size	Insert Arrangement	Contacts	Stock No.	Price Each
GTC03016-12P(025)	16	16-12	1	46M3803	42.26
GTC03018-7P(025)	18	18-7	1	46M3804	22.79
GTC03020-19P(025)	20	20-19	3	46M3805	33.32
GTC03022-1P(025)	22	22-1	2	46M3806	27.15
GTC03022-22P(025)	22	22-22	4	46M3807	39.00
GTC03022-7P(025)	22	22-7	1	46M3808	23.22
GTC03024-9P(025)	24	24-9	2	46M3809	25.62
GTC03028-6P(025)	28	28-6	3	46M3810	29.63
GTC03032-17P(025)	32	32-17	4	46M3811	34.51
GTC03032-5P(025)	32	32-5	2	46M3812	32.84
GTC03036-4P(025)	36	36-4	3	46M3813	39.56
GTC03036-5P(025)	36	36-5	4	46M3814	47.43

REVERSE BAYONET (GT) STRAIGHT PLUGS

Mfg. Part No.	Shell Size	Insert Arrangement	Contacts	Stock No.	Price Each
GTC06F16-12S(RDS)(025)	16	16-12	1	46M3815	66.53
GTC06F18-7S(RDS)(025)	18	18-7	1	46M3816	60.81
GTC06F20-19S(RDS)(025)	20	20-19	3	46M3817	51.23
GTC06F22-1S(RDS)(025)	22	22-1	2	46M3818	78.28
GTC06F22-22S(RDS)(025)	22	22-22	4	46M3819	67.09
GTC06F22-7S(RDS)(025)	22	22-7	1	46M3820	92.28

➤ CONTINUED ➤

AMPHE-POWER™ CONNECTORS WITH RADSOK® TECHNOLOGY (CONT.)

REVERSE BAYONET (GT) STRAIGHT PLUGS

Mfg. Part No.	Shell Size	Insert Arrangement	Contacts	Stock No.	Price Each
GTC06F24-9S(RDS)(025)	24	24-9	2	46M3821	79.34
GTC06F28-6S(RDS)(025)	28	28-6	3	46M3822	130.78
GTC06F32-17S(RDS)(025)	32	32-17	4	46M3823	173.92
GTC06F32-5S(RDS)(025)	32	32-5	2	46M3824	232.44
GTC06F36-4S(RDS)(025)	36	36-4	3	46M3825	201.20
GTC06F36-5S(RDS)(025)	36	36-5	4	46M3826	239.41

(84814)

AMPHE-GTR™ SERIES REVERSE BAYONET CONNECTORS FOR POWER APPLICATIONS WITH RADSOK® TECHNOLOGY



- UL/CUL 2238 standard, control number 19VP
- IP67 waterproof rating
- Insulation resistance: 1000MΩ
- Dielectric withstanding voltage: 2000VAC(rms)
- UL94V-0 flammability rating



Amphenol-GTR™ Composite GTR series connectors have full worldwide approval from a major server manufacturer for use as the environmental server power connector. Featuring a high-performance composite plug shell, coupling nut, receptacle, and hardware, this series meets all of the specifications for high power process control and server applications. Compression (setscrew) wire termination to the 4/6 AWG or 8/10 AWG conductors allows easy field replacement of pin or socket contacts, or complete plug and receptacle assemblies, without requiring specialized tooling. *More information on RADSOK® technology available, go online or call.*

4 CONDUCTOR PLUGS

Mfg. Part No.	Wire Range (AWG)	Current Rating (A)	Cable Range (in.)	Stock No.	Price Each
● GT06PCM32-ARS-30(29R)	10-8	30	0.510-0.582	31K9651	224.89
● GT06PCM32-ARS-40(29R)	10-8	40	0.715-0.759	31K9652	224.89
● GT06PCM32-ARS-50(29R)	6-4	50	0.809-0.905	31K9653	224.89
● GT06PCM32-ARS-70(29OS)	6-4	70	1.000-1.185	31K9654	224.89

4 CONDUCTOR RECEPTACLE

● GT03OPCM32-ARP-80	6-4	80	...	31K9649	102.61
---------------------	-----	----	-----	---------	--------

5 CONDUCTOR PLUGS

Mfg. Part No.	Wire Range (AWG)	Cable Range (in.)	Stock No.	Price Each
● 10-610142-001	10-8	0.472-0.787	31K9655	253.00
● 10-610142-002	10-8	0.708-0.984	31K9656	253.00
● 10-610142-003	6-4	0.472-0.787	31K9657	253.00
● 10-610142-004	6-4	0.708-0.984	31K9658	253.00

5 CONDUCTOR RECEPTACLES

● 10-610147-001	10-8	...	31K9659	171.08
● 10-610147-002	6-4	...	31K9660	171.08

5 CONDUCTOR FBLM RECEPTACLES

● 10-610222-001	10-8	...	16J0169	122.19
● 10-610222-002	6-4	...	16J0757	122.19

(84937)

RADSOK® SURLOK™ POWER CONNECTOR KITS



Metal SureLok™ connector kits are designed as an alternative to the bolt-on compression lugs while meeting or exceeding the electrical performance, eliminating tools and increasing reliability. Each kit contains the wire crimp lug plus a two-piece dielectric clamshell housing. Feature RADSOK® high ampere socket contact technology which utilizes the high tensile strength properties of the stamped and formed, high conductivity alloy grid to produce the low insertion force while maintaining large conductive surface area. Field installable and can be crimped with standard color-coded dies (U-die and 4 indenter).



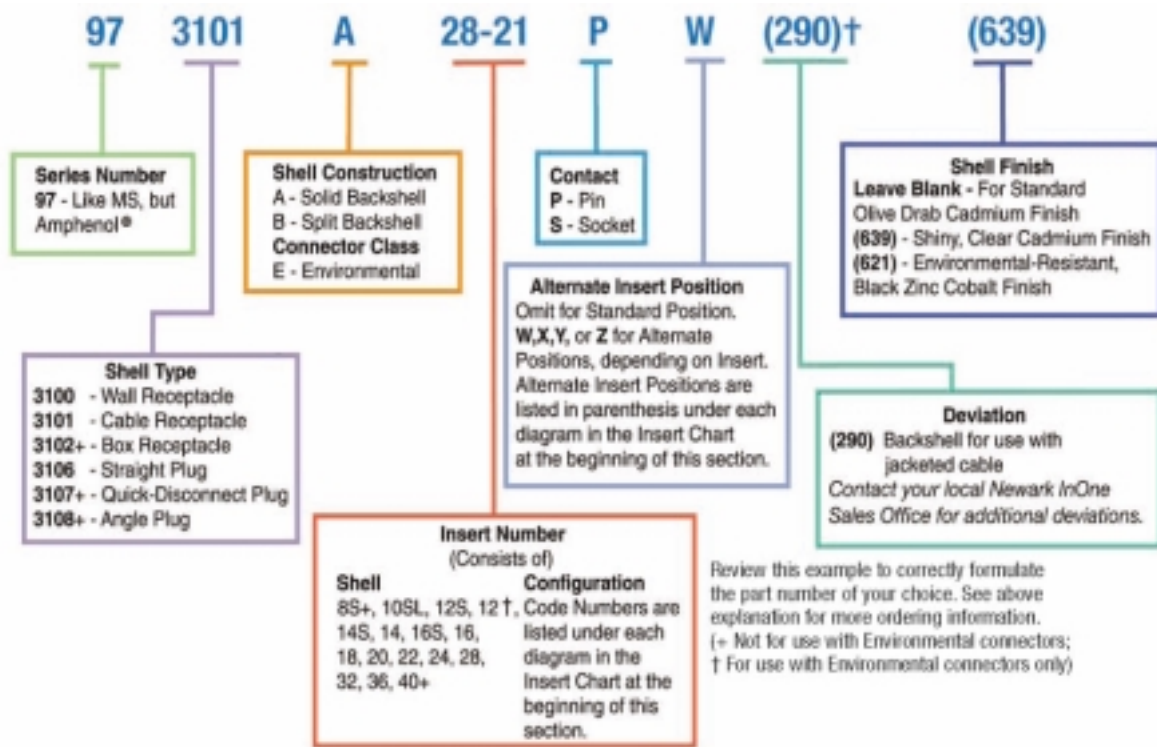
Just Added

Mfg. Part No.	Wire Size (AWG)	RADSOK Size (mm)	Current Rating (A)	Crimp Code	Stock No.	Price Each
● PSL-368K	8	3.6	70	Red 21	45M5587	4.44
● PSL-576K	6	5.7	100	Blue 24	45M5589	4.06
● PSL-574K	4	5.7	125	Gray 29	45M5588	4.30
● PSL-802K	2	8.0	175	Green 37	45M5591	7.05
● PSL-801K	1	8.0	200	Pink 42	45M5590	7.13
● PSL-10310K	1/0	10.3	250	Black 45	45M5585	8.74
● PSL-10320K	2/0	10.3	300	Orange 50	45M5586	8.91

(83063)



ORDERING GUIDE FOR 97 SERIES STANDARD CIRCULAR CONNECTORS



SERVICE RATINGS

Codes are listed in [BRACKETS] under each diagram in the Insert Chart.

Service Codes		WST+	A	D	E	B	C
Limiting Operating Voltages at Sea Level	DC	250	700	1250	1750	2450	4200
(Effective Coverage (nominal))	AC (rms)	200	500	900	1250	1750	3000
Mechanical Spacing (nominal)	mm	1.57	3.18	4.75	6.35	7.92	25.40
	mm	1.57	3.18	4.75	6.35	7.92	7.92

\*Army-Navy ratings for aircraft use; Transients were not considered in calculating these values; Limiting operating voltages of 50,000 feet (15,240M) altitude are approximately 25% of the sea level values. †Normally for low voltages and currents.

WIRE SIZE CODES					
16	12	8	4	0	
●	⊕	⊙	⦿	⊕	
TEST CURRENT VALUES					
Contact Size	16	12	8	4	0
Amperes	13	23	46	80	150

**97 series** medium- to heavy-weight, standard circular connectors feature nonrotating contact design that simplifies soldering and helps lower termination costs. Standard MIL-C-5015 contacts are silver-plated w/ pre-tinned solder cups. Single key/keyway polarization. High-grade aluminum alloy shell components feature strong threaded couplings. Dialyl phthalate inserts provide high arc and insulation resistance under both humidity and thermal stress. Your choice of 5 shell styles, environmental, solid or split shell construction, 128 contact arrangements (from 1 to 52 circuits) and alternate insert positioning. Standard, nonreflective cadmium-plated shell available in 3 finishes. Choose: olive drab chromate finish; shiny, clear cadmium-plated finish; or environmental-resistant black zinc cobalt finish. All shell finishes give the same high conductivity and resistance to corrosion. Operating temp.: -55°C to +125°C. Intermateable and intermountable with all **97 series** and MIL-C-5015 connectors. UL recognized File E115497; CSA certified File LR69183. Newark has a completely equipped Amphenol MS assembly center which allows the quick shipment of complete connectors from an extensive component inventory.

HOW TO SELECT A 97 SERIES CIRCULAR CONNECTOR IN 8 EASY STEPS . . .

Once you have determined that a **97 series** circular connector is required, answer the questions in the following 8 steps to help formulate the part number of your choice.

**STEP 1** How many wires are you going to connect and what gauge?

The answer to this question determines which insert you need. The Insert Chart on page 788 illustrates the 128 inserts available. Here's an example of how to use the chart. Say you want to connect 8 16-gauge wires. Just find the section of the chart marked 8 contacts. Under this section, find insert number 20-7—it's the one you want because it contains 8 16-gauge contacts. Your space limitations and voltage requirements also determine your choice of insert. The voltage capacity code for each insert is listed under its diagram on page 788. If you have more than one wire size to connect, the method is the same because you can always solder a smaller wire to a larger contact. However, soldering a large wire to a small contact is not recommended.

**STEP 2** What if several identical connectors have different functions?

Here's a situation to watch out for! You have 4 identical receptacles on a panel. One carries high current loads. The others have low current functions. A plug mated with the wrong receptacle (cross-mating) could damage your valuable equipment. To avoid cross-mating, you can order identical inserts positioned in both the plugs and receptacles at various angles from standard. These variations from standard positions are called alternate Insert Positions, explained on page 788.

**STEP 3** What kind of RECEPTACLE do you need?

For wall mounting, use a Wall Receptacle, type **3100**; order on page 794. The elongated back of this receptacle extends through thick wall material. It is threaded to accept standard hardware fittings. For unmounted applications, use the Cable Receptacle, type **3101**; order on pages 794-795. For box or panel mounting, use the Box Receptacle, type **3102**; order on pages 795-796. This receptacle's back is short to conserve space. It is not threaded on the back end and is used when no accessories such as clamps are needed.

**STEP 4** What kind of PLUG do you need?

For ordinary situations, the Straight Plug, type **3106**, meets most connector requirements; order on pages 796-797. However, when space is critical you may want to consider using an Angle Plug, type **3108**; order on page 798. This type plug lets the cable enter your equipment at a right angle.

(14230)

**STEP 5** Do you need a Plug with SOLID or SPLIT Back Shell?

You can get both straight and angle plugs in solid or split back shell designs. With the Solid Back Shell, you have greater strength and save space, too. On the other hand, the Split Back Shell design lets you quickly inspect the solder terminals, which is important if you'll be subjecting the connector to rough handling and heavy use. The type identification for Solid Back Shell construction in a non-environmental style is the letter **A** immediately after the main shell type number, for example **3106A**. For a Solid Back Shell construction in the 97E environmental sealing style, the letter **E** should be placed immediately after the main shell type. Likewise, the type identification for Split Back Shell construction is **B**, for example **3106B**. Split Back Shell construction is available in non-environmental types only. Because of application, receptacles are made in Solid Back Shell construction only. Their type identifications are **3100A/E**, **3101A/E**, and **3102A**.

**STEP 6** Which connector gets the socket: the receptacle or the plug?

Now you have to designate which inserts are used with which shells. Since either pin or socket inserts can be used with plugs or receptacles, now's the time to make your choice. Here's a good rule of thumb: Order the sockets for the connector at the "hot" side of the circuit. By having sockets at the power source, there's less chance that a wayward finger or screwdriver will short the circuit or cause personal injury. The code for Socket is simply an **S** following the insert code number. For Pins, it is **P**. Therefore, 20-7P insert would have Pin contacts while a 20-S insert would have Socket contacts.

**STEP 7** What kind of finish do you need?

If you prefer the standard olive drab, nonreflective cadmium plate finish, no suffix number is needed. If you would rather have the shiny, clear cadmium plate finish, just add the suffix number **639** at the end of the part number. If you would like an environmental-resistant black zinc cobalt finish, just add the suffix number **621** at the end of the part number.

**STEP 8** Do you need any accessories?

Accessories, such as cable clamps and protection caps and chains, are available; order separately on pages 798-799.

**BEFORE YOU ORDER . . .**

Review the following example to correctly formulate the part number of your choice:

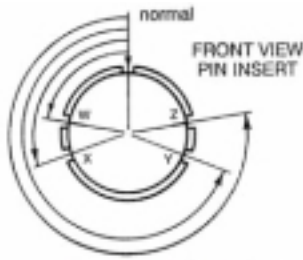




CIRCULAR CONNECTORS



ALTERNATE INSERT POSITIONS



Codes are listed in (PARENTHESIS) under each diagram in the Insert Chart.

Insert	W	X	Y	Z
12S-3, 14S-9, 16S-5, 18-1, 18-22, 20-3, 20-4, 22-2, 22-9, 28-3, 28-6, 28-18	30°	145°	215°	290°
14S-2, 18-10, 36-5	...	120°	240°	...
14S-5	...	110°	...	...
14S-7, 18S-8, 18-10, 18-20, 18-28, 20-17, 20-18, 28-12	90°	180°	270°	...
18S-1, 18-12, 20-13, 20-29, 22-26, 24-2, 24-10	80°	...	...	280°

16S-4, 16-8, 16-11, 16-13, 16-3, 18-4, 20-18, 20-21, 20-23, 20-24, 20-27, 22-1, 22-4, 22-5, 22-8, 22-10, 22-11, 22-13, 22-20, 24-8, 24-11, 28-2, 28-5, 32-5, 36-6	30°	110°	250°	320°
16-7, 18-5, 18-9, 18-13, 20-7, 20-8, 20-14, 20-16, 22-12, 22-14, 22-15, 22-16, 22-18, 22-19, 22-34, 24-5, 24-6, 24-7, 24-12, 24-16, 24-20, 24-21, 24-28, 28-1, 28-8, 28-9, 28-10, 28-11, 28-15, 28-16, 28-17, 28-18, 28-20, 28-21, 32-6, 32-13, 36-1, 36-7, 36-8	60°	110°	250°	280°
18S-6, 18-11	...	170°	265°	...
18-8	70°	...	...	290°
20-4, 24-22, 32-17	45°	110°	250°	...
22-22	...	110°	250°	...
22-23	35°	...	250°	...
22-27	80°	...	250°	280°
32-7, 32-8, 36-9, 36-10	80°	125°	235°	280°
36-15	60°	125°	245°	385°

97 SERIES STANDARD CIRCULAR CONNECTORS INSERT CHARTS

1 Contact	2 Contacts (Cont.)	3 Contacts (Cont.)	4 Contacts	4 Contacts (Cont.)	5 Contacts (Cont.)	5 Contacts (Cont.)
12-5 [D]	20-23 [A] (W-X-Y-Z)	16S-6 [A] (W-X-Y)	12SL-844	22-10 [E-A]	16S-8 [A] (X-Y)	24-12 [A] (W-X-Y-Z)
14S-4 [D]	22-1 [D] (W-X-Y-Z)	16-10 [A] (W-X-Y)	14S-2 [Inst] (X-Y)	22-10 [E-A]	18-11 [A] (X-Y)	<b>6 Contacts</b>
16-12 [A]	22-8 [E] (W-X-Y-Z)	18-5 [D] (W-X-Y-Z)	16-9 [A] (W-X-Y-Z)	22-22 [A] (X-Y)	18-20 [A] (W-X-Y)	14-S6 [Inst]
18-16 [C]	22-11 [B] (W-X-Y-Z)	18-22 [D] (W-X-Y-Z)	18-4 [D] (W-X-Y-Z)	24-22 [D] (W-X-Y)	18-20 [A] (W-X-Y)	18-12 [A] (W-Z)
18-420	24-9 [A] (W-X-Y-Z)	20-3 [D] (W-X-Y-Z)	18-10 [D] (W-X-Y-Z)	32-17 [D] (W-X-Y)	20-14 [A] (W-X-Y-Z)	20-8 [Inst] (W-X-Y-Z)
<b>2 Contacts</b>	32-5 [D] (W-X-Y-Z)	20-6 [D] (W-X-Y-Z)	18-10 [A] (X-Y)	36-5 [A] (X-Y)	22-12 [D] (W-X-Y-Z)	20-17 [A] (W-X-Y)
10SL-4 [A]	22-2 [D] (W-X-Y-Z)	20-19 [A] (W-X-Y-Z)	20-4 [D] (W-X-Y)	14S-5 [Inst-X]	22-12 [D] (W-X-Y-Z)	22-15 [E-A] (W-X-Y-Z)
12S-3 [A] (W-X-Y-Z)	10-SL-3 [A]	22-9 [E] (W-X-Y-Z)	20-4 [D] (W-X-Y)	22-34 [D] (W-X-Y-Z)	22-13 [D-A] (W-X-Y-Z)	36-6, 2 #0, 4 #4 [Serv. A] (W-X-Y-Z)
14S-9 [A] (W-X-Y-Z)	<b>3 Contacts</b>	28-3 [E] (W-X-Y-Z)	20-4 [D] (W-X-Y)			
16S-4 [D] (W-X-Y-Z)	16S-5 [A] (W-X-Y-Z)	28-6 [D] (W-X-Y-Z)	22-4 [A] (W-X-Y-Z)			
16-11 [A] (W-X-Y-Z)						
16-13 [A] (W-X-Y-Z)						
18-3 [D] (W-X-Y-Z)						

(14232)





97 SERIES STANDARD CIRCULAR CONNECTORS INSERT CHARTS (CONTINUED)

7 Contacts	8 Contacts (Cont.)	9 Contacts (Cont.)	12 Contacts (Cont.)	16 Contacts	23 Contacts (Cont.)	35 Contacts (Cont.)
 16S-1, 7 #16 [Serv. A] (W-Z)  18-9, 5 #16, 2 #12 [Serv. INST] (W-X-Y-Z)	 22-18, 8 #16 [Serv. D (ABHFG), A (Others)] (W-X-Y-Z)  22-23, 8 #12 [Serv. D (H), A (Others)] (W-Y)  24-6, 8 #12 [Serv. D (AGH), A (Others)] (W-X-Y-Z)	 28-1, 3 #8, 6 #12 [Serv. D (A, E), A (Others)] (W-X-Y-Z) <b>10 Contacts</b>  18-1, 10 #16 [Serv. A (BCFG), INST (Others)] (W-X-Y-Z)	 28-9, 6 #12, 6 #16 [Serv. D] (W-X-Y-Z)  28-18, 12 #16 [Serv. C (M), D (GLKL), A (AB), INST (CDEF)] (W-X-Y-Z)	 24-5, 16 #16 [Serv. A] (W-X-Y-Z)  24-7, 2 #12, 14 #16 [Serv. A] (W-X-Y-Z)	 32-13, 5 #12, 18 #16 [Serv. D] (W-X-Y-Z) <b>24 Contacts</b>  24-28, 24 #16 [Serv. INST] (W-X-Y-Z)	 36-15, 35 #16 [Serv. D (M), A (Others)] (W-X-Y-Z)
 20-15, 7 #12 [Serv. A] (W-Z)  22-26*, 2 #12, 5 #16 1/8" (3.176) Spacing  22-28, 7 #12 [Serv. A] (W-Z)  24-2, 7 #12 [Serv. D] (W-Z)  24-10, 7 #8 [Serv. A] (W-Z)  24-27, 7 #16 [Serv. E] (W-Z)  28-10 3 #12, 2 #8, 2 #4 [Serv. D (G), A (Others)] (W-X-Y-Z)	<b>9 Contacts</b>  20-16, 7 #16, 2 #12 [Serv. A] (W-X-Y-Z)  20-18, 3 #12, 6 #16 [Serv. A] (W-X-Y-Z)  20-21, 1 #12, 8 #16 [Serv. A] (W-X-Y-Z)  22-16, 3 #12, 6 #16 [Serv. A] (W-X-Y-Z)  22-20, 9 #16 [Serv. A] (W-X-Y-Z)	 18-19, 10 #16 [Serv. A] (X-Y)  24-21, 1 #8, 9 #16 [Serv. D] (W-X-Y-Z)  28-19, 4 #12, 6 #16 [Serv. B (HM), D (AB), A (Others)] (W-X-Y-Z)	<b>13 Contacts</b>  20-11, 13 #16 [Serv. INST] <b>14 Contacts</b>  20-27, 14 #16 [Serv. A] (W-X-Y-Z)  22-19, 14 #16 [Serv. A] (W-X-Y-Z)	 20-29, 17 #16 [Serv. A] (W-Z) <b>17 Contacts</b>  20-29, 17 #16 [Serv. A] (W-Z) <b>19 Contacts</b>  22-14, 19 #16 [Serv. A] (W-X-Y-Z) <b>20 Contacts</b>  28-16, 20 #16 [Serv. A] (W-X-Y-Z)	<b>26 Contacts</b>  28-12, 26 #16 [Serv. A] (W-X-Y) <b>30 Contacts</b>  32-8, 6 #12, 24 #16 [Serv. A] (W-X-Y-Z) <b>31 Contacts</b>  36-9, 1 #4, 2 #8, 14 #12, 14 #16 [Serv. A] (W-X-Y-Z)	<b>37 Contacts</b>  28-21, 37 #16 [Serv. A] (W-X-Y-Z) <b>47 Contacts</b>  36-7, 7 #12, 40 #16 [Serv. A] (W-X-Y-Z)  36-8, 1 #12, 46 #16 [Serv. A] (W-X-Y-Z)
<b>8 Contacts</b>  18-8, 1 #12, 7 #16 [Serv. A] (W-Z)  20-7, 8 #16 [Serv. D (ABHG), A (CDEF)] (W-X-Y-Z)	 22-27, 1 #8, 8 #16 [Serv. D (J), A (Others)] (W-Y-Z)  24-11, 3 #8, 6 #12 [Serv. A] (W-X-Y-Z)	<b>11 Contacts</b>  20-33, 11 #16 [Serv. A]  24-20, 2 #12, 9 #16 [Serv. D] (W-X-Y-Z)	 28-2, 2 #12, 12 #16 [Serv. D] (W-X-Y-Z)  28-20, 10 #12, 4 #16 [Serv. A] (W-X-Y-Z)	 28-11, 4 #12, 18 #16 [Serv. A] (W-X-Y-Z) <b>22 Contacts</b>  36-9, 1 #4, 2 #8, 14 #12, 14 #16 [Serv. A] (W-X-Y-Z)	<b>35 Contacts</b>  28-15, 35 #16 [Serv. A] (W-X-Y-Z)  32-7, 7 #12, 28 #16 [Serv. INST (ABH), A (Others)] (W-X-Y-Z)	<b>43 Contacts</b>  36-10, 43 #16 [Serv. A] (W-X-Y-Z)
<b>12 Contacts</b>  24-19, 12 #16 1/16" (1.588) Spacing  28-8, 2 #12, 10 #16 [Serv. E (LM), D (B), A (Others)] (W-X-Y-Z)	<b>15 Contacts</b>  28-17, 15 #16 [Serv. B (R), D (NWP), A (Others)] (W-X-Y-Z)	 28-20, 10 #12, 4 #16 [Serv. A] (W-X-Y-Z)	 28-11, 4 #12, 18 #16 [Serv. A] (W-X-Y-Z) <b>23 Contacts</b>  32-6, 2 #4, 3 #8, 2 #12, 16 #16 [Serv. A] (W-X-Y-Z)	 28-11, 4 #12, 18 #16 [Serv. A] (W-X-Y-Z) <b>23 Contacts</b>  32-6, 2 #4, 3 #8, 2 #12, 16 #16 [Serv. A] (W-X-Y-Z)	 28-15, 35 #16 [Serv. A] (W-X-Y-Z)  32-7, 7 #12, 28 #16 [Serv. INST (ABH), A (Others)] (W-X-Y-Z)	<b>52 Contacts</b>  32-414*, 52 #16 [Serv. A]  36-403*, 52 #16 [Serv. A]

\* MS number not assigned, use 87 prefix in completing part number.

Refer to Product selection, drawings and dimensions on pages 790-799. (14228)







CIRCULAR CONNECTORS

3

97 SERIES SOLDER TYPE INSERTS (CONT.)

Mfg. Part No.	Contacts	MIL-SPEC Service Rating		Stock No.	Price Each
		DC	AC		
97-28-17S	1/3/11	2450/1250/700	1750/900/500	96F5135	27.44
97-28-17P	1/3/12	2450/1250/700	1750/900/500	96F5134	22.84
97-28-16S*	20	700	500	96F5133	17.56
97-28-16P*	20	700	500	96F5132	17.31
97-28-15S*	35	700	500	96F5131	27.65
97-28-15P*	35	700	500	96F5130	21.76
97-28-12S	26	700	500	96F5129	23.41
97-28-12P	26	700	500	96F5128	17.48
97-28-11S	22	700	500	96F5127	23.41
97-28-11P	22	700	500	96F5126	16.36
97-28-9S	12	1250	900	96F5123	28.59
97-28-9P	12	1250	900	96F5122	21.40
97-28-03S	3	1750	1250	96F5115	29.22
97-28-03P	3	1750	1250	96F5114	29.76
97-28-2S	14	1250	900	96F5113	17.39
97-28-2P	14	1250	900	96F5112	13.14
97-28-1S	3/6	1250/700	900/500	96F5111	44.89
97-24-28S	24	250	200	96F5109	20.37
97-24-28P	24	250	200	96F5108	16.59
97-24-27S	7	250	200	96F5107	15.40
97-24-27P	7	250	200	96F5106	15.78
97-24-22S	4	1250	900	96F5103	27.04
97-24-22P	4	1250	900	96F5102	14.36
97-24-20S	11	1250	900	96F5098	12.31
97-24-20P	11	1250	900	96F5097	13.10
97-24-19S*	12	...	...	96F5096	33.14
97-24-19P*	12	...	...	96F5095	26.18
97-24-12S	26	700	500	96F5092	55.54
97-24-12P	26	700	500	96F5091	40.42
97-24-11S	9	700	500	96F5090	25.37
97-24-11P	9	700	500	96F5089	16.86
97-24-10S	7	700	500	96F5088	33.10
97-24-10P	7	700	500	96F5087	24.59
97-24-09S*	2	700	500	96F5086	29.08
97-24-09P*	2	700	500	96F5085	19.56
97-24-7S	16	700	500	96F5084	17.31
97-24-7P	16	700	500	96F5083	13.38
97-24-6S	3/5	1250/700	900/500	96F5082	73.75
97-24-6P	3/5	1250/700	900/500	96F5081	21.17
97-24-5S*	16	700	500	96F5080	20.66
97-24-5P*	16	700	500	96F5079	16.55
97-24-2S	7	1250	900	96F5078	16.36
97-24-2P	7	1250	900	96F5077	9.87
97-22-23S	1/7	1250/700	900/500	96F5068	18.62
97-22-23P	1/7	1250/700	900/500	96F5067	13.95
97-22-22S	4	700	500	96F5066	19.06
97-22-22P	4	700	500	96F5065	15.03
97-22-20S*	9	700	500	96F5064	11.59
97-22-20P*	9	700	500	96F5063	10.85
97-22-19S	14	700	500	96F5062	12.51
97-22-19P	14	700	500	96F5061	11.92
97-22-18S	5/3	1250/700	900/500	96F5060	10.47
97-22-18P	5/3	1250/700	900/500	96F5059	8.29
97-22-16P*	9	700	500	96F5057	11.14
97-22-14S	19	700	500	96F5054	15.95
97-22-14P	19	700	500	96F5053	10.42
97-22-10S	4	1750	1250	96F5046	14.16
97-22-10P	4	1750	1250	96F5045	10.35
97-22-9S	3	1750	1250	96F5044	19.45
97-22-9P	3	1750	1250	96F5043	13.00
97-22-8S*	2	1750	1250	96F5042	20.35
97-22-4S*	4	700	500	96F5038	26.43
97-22-4P*	4	700	500	96F5037	20.80
97-22-2S	3	1250	900	96F5036	13.75
97-22-2P	3	1250	900	96F5035	8.41
97-22-1S*	2	1250	900	96F5034	11.78
97-22-1P*	2	1250	900	96F5033	8.71
97-20-33S	11	700	500	96F5032	12.11
97-20-33P	11	700	500	96F5031	12.72
97-20-29S	17	700	500	96F5030	11.33
97-20-29P	17	700	500	96F5029	9.05
97-20-27S	14	700	500	96F5028	9.22
97-20-27P	14	700	500	96F5027	7.11
97-20-24S	4	700	500	96F5026	23.93

▶ CONTINUED ▶

97 SERIES SOLDER TYPE INSERTS (CONT.)

Mfg. Part No.	Contacts	MIL-SPEC Service Rating		Stock No.	Price Each
		DC	AC		
97-20-24P	4	700	500	96F5025	15.38
97-20-23S	2	700	500	96F5024	11.50
97-20-23P	2	700	500	96F5023	9.31
97-20-21S	9	700	500	96F5020	14.69
97-20-21P	9	700	500	96F5019	15.49
97-20-19S*	3	700	500	96F5016	18.89
97-20-19P*	3	700	500	96F5015	11.14
97-20-18S	9	700	500	96F5014	11.03
97-20-18P	9	700	500	96F5013	8.68
97-20-17P	6	700	500	96F5011	9.99
97-20-16S	9	700	500	96F5010	8.52
97-20-16P	9	700	500	96F5009	7.55
97-20-15S	7	700	500	96F5008	13.19
97-20-15P	7	700	500	96F5007	7.36
97-20-11S*	13	250	200	96F5004	86.44
97-20-11P*	13	250	200	96F5003	21.35
97-20-7S	4/4	1250/700	900/500	96F5000	6.92
97-20-7P	4/4	1250/700	900/500	96F4999	5.59
97-20-4S	4	1250	900	96F4996	15.38
97-20-4P	4	1250	900	96F4995	5.59
97-20-3S*	3	1250	900	96F4994	11.61
97-20-3P*	3	1250	900	96F4993	5.91
97-18-22S*	3	1250	900	96F4990	6.27
97-18-22P*	3	1250	900	96F4989	5.30
97-18-20S*	5	700	500	96F4988	8.93
97-18-20P*	5	700	500	96F4987	7.45
97-18-19S*	10	700	500	96F4986	10.55
97-18-19P*	10	700	500	96F4985	15.05
97-18-16S	1	4200	3000	96F4984	12.27
97-18-16P	1	4200	3000	96F4983	6.82
97-18-13S	4	700	500	96F4982	21.87
97-18-13P	4	700	500	96F4981	14.15
97-18-12S*	6	700	500	96F4980	6.69
97-18-12P*	6	700	500	96F4979	5.65
97-18-11S	5	700	500	96F4978	9.01
97-18-11P	5	700	500	96F4977	7.95
97-18-10S	4	700	500	96F4976	9.79
97-18-10P	4	700	500	96F4975	7.95
97-18-9S	7	250	200	96F4974	9.75
97-18-9P	7	250	200	96F4973	8.72
97-18-8S	8	700	500	96F4972	9.79
97-18-8P	8	700	500	96F4971	9.01
97-18-4S	4	1250	900	96F4968	5.40
97-18-4P	4	1250	900	96F4967	4.32
97-18-3S*	3	1250	900	96F4966	8.89
97-18-3P*	2	1250	900	96F4965	7.26
97-18-1S	4/6	700/250	500/200	96F4964	7.87
97-18-1P	4/6	700/250	500/200	96F4963	7.55
97-16S-1S	7	700	500	96F4942	5.59
97-16S-1P	7	700	500	05F2060	4.32
97-16S-4S	2	1250	900	96F4944	4.28
97-16S-4P	2	1250	900	05F2061	3.68
97-16S-5S	3	700	500	96F4946	4.09
97-16S-5P	3	700	500	96F4945	3.67
97-16S-8S	5	700	500	96F4950	4.66
97-16S-8P	5	700	500	96F4949	4.20
97-16-10S	3	700	500	96F4956	6.12
97-16-10P	3	700	500	96F4955	8.76
97-16-11S	2	700	500	96F4958	6.48
97-16-11P	2	700	500	96F4957	4.53
97-14S-9S*	2	700	500	96F4940	5.04
97-14S-9P*	2	700	500	96F4939	2.84
97-14S-7S	3	700	500	96F4938	3.52
97-14S-7P	3	700	500	96F4937	3.35
97-14S-6S	6	250	200	96F4936	5.10
97-14S-6P	6	250	200	96F4935	4.91
97-14S-5S	5	250	200	96F4934	4.91
97-14S-5P	5	250	200	96F4933	4.28
97-14S-2S	4	250	200	96F4930	5.04
97-14S-2P	4	250	200	96F4929	3.33
97-14S-1S*	3	700	500	96F4928	3.52
97-14S-1P*	3	700	500	96F4927	3.35

▶ CONTINUED ▶







No Minimum Order Fees

CONNECTORS & ACCESSORIES

CIRCULAR CONNECTORS

MIL-C-5015/97 SERIES 3102A BOX MOUNTING RECEPTACLES



One-piece aluminum die-cast shell. Integral polarizing key on front shell. Meet MIL-C-5015 specifications. Refer to additional ordering information, drawings, and dimensions on pages 787-789. Cable clamps and other accessories available on pages 798-799.

MIL-C-5015/97 SERIES 3102A BOX MOUNTING RECEPTACLES (CONT.)

Table with columns: Mfg. Part No., Shell Size, Insert Arrangement, Contacts, Stock No., Price Each (1-24, 25-49). Contains part numbers 97-3102A-10SL-3P through 97-3102A-20-27P.

CONTINUED

Table with columns: Mfg. Part No., Shell Size, Insert Arrangement, Contacts, Stock No., Price Each (1-24, 25-49). Contains part numbers 97-3102A-20-27S through 97-3102A28-2S.

CONTINUED

1.800.463.9275 • Find more at www.newark.com



CIRCULAR CONNECTORS

MIL-C-5015/97 SERIES 3102A BOX MOUNTING RECEPTACLES (CONT.)

Table with columns: Mfg. Part No., Shell Size, Insert Arrangement, Contacts, Stock No., Price Each (1-24, 25-49). Rows include parts like 97-3102A28-9P, 97-3102A28-9S, etc.

\*621 suffix in mfg. part no. denotes black zinc alloy shell finish only; +639 suffix in mfg. part no. denotes bright cadmium shell finish only (13942)

MIL-C-5015/97 SERIES 3106A SOLID-SHELL STRAIGHT PLUGS

Meet MIL-C-5015 specifications. Refer to additional ordering information, drawings, and dimensions on pages 787-789. Cable clamps and other accessories available on pages 798-799.

Table with columns: Mfg. Part No., Shell Size, Insert Arrangement, Contacts, Stock No., Price Each (1-24, 25-49). Large table listing various MIL-C-5015/97 Series 3106A solid-shell straight plugs.

➔ CONTINUED ➔

MIL-C-5015/97 SERIES 3106A SOLID-SHELL STRAIGHT PLUGS (CONT.)

Table with columns: Mfg. Part No., Shell Size, Insert Arrangement, Contacts, Stock No., Price Each (1-24, 25-49). Continuation of MIL-C-5015/97 Series 3106A solid-shell straight plugs table.

➔ CONTINUED ➔

3







CIRCULAR CONNECTORS

MIL-C-5015/97 SERIES
3108A SOLID SHELL ANGLE PLUGS (CONT.)

Table with columns: Mfg. Part No., Shell Size, Insert Arrangement, Contacts, Stock No., Price Each (1-24, 25-49). Lists various connector models like 97-3108A18-1S through 97-3108A28-21S.

(13946)

MIL-C-5015/97 SERIES
3108B SPLIT-SHELL ANGLE PLUGS



Meet MIL-C-5015 specifications. Refer to additional ordering information, drawings, and dimensions on pages 787-789. Cable clamps and other accessories available on pages 798-799.

Table with columns: Mfg. Part No., Shell Size, Insert Arrangement, Contacts, Stock No., Price Each (1-24, 25-49). Lists various connector models like 97-3108B-10SL-3S through 97-3108B28-15S.

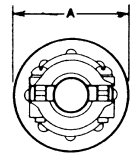
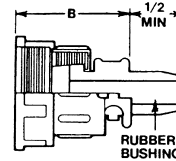
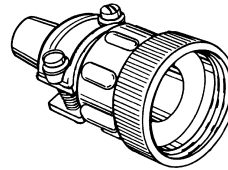
▶ CONTINUED ▶

MIL-C-5015/97 SERIES
3108B SPLIT-SHELL ANGLE PLUGS (CONT.)

Table with columns: Mfg. Part No., Shell Size, Insert Arrangement, Contacts, Stock No., Price Each (1-24, 25-49). Lists various connector models like 97-3108B28-16S through 97-3108B36-10S.

(13947)

97 SERIES WATERPROOF CABLE CLAMPS



Waterproof cable clamp assembly includes AN3057 cable clamp, rubber bushing, washer and adapter. Meet MIL-C-5015 specifications. NOTE: to provide the watertight integrity of this clamp when assembled to 97 series circular plug, the plug must be ordered with type number suffix 417, which supplies a "W" washer on to the shoulder of the plug shell.

Table with columns: Mfg. Part No., Connector Size, Dimensions (A, B), Max. Cable O.D., Stock No., Price Each (1-24, 25-49). Lists various connector models like 9767-12-4 through 9767-32-20.

(8338)

97 SERIES MS3055 ADAPTERS



For jacketed cable or wires protected by tubing.

Table with columns: Mfg. Part No., Fits Shell, Stock No., Price Each (1-24, 25-49). Lists various adapter models like 97-3055-16-8 through 97-3055-18-6.

(80522)

Download RoHS Certificates of Compliance.

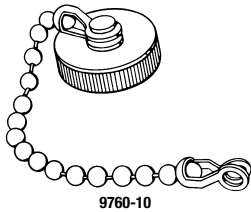
Find Certificates of Compliance in the Tech Info column on our search results pages. Visit us online today.

(94660)

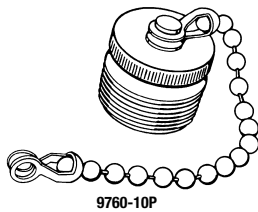
3

CIRCULAR CONNECTORS

97 SERIES/MS CONNECTOR CAP AND CHAIN ASSEMBLIES



9760-10



9760-10P

Fit 97 series/MS receptacles and plugs. Provide protection against live circuits and keep out dirt and dust. Cadmium olive drab finish with beaded chain for mounting. Caps for receptacles feature internal threads for use with MS3100A, MS3101A, and MS3102A receptacles, order separately on page 787. Caps for plugs have external threads for use on plugs MS3106 and MS3108, order separately on page 787.

CAPS FOR RECEPTACLES

Mfg. Part No.	Fits Shell	Stock No.	Price Each	
			1-24	25-49
9760-10	10S, 10SL	96F5940	4.52	4.08
9760-12	12, 12S, 12SL	96F5942	4.15	3.75
9760-14	14, 14S	96F5895	4.44	4.02
9760-16	16, 16S	96F5944	5.13	4.64
9760-18	18	96F5891	5.78	5.22
9760-20	20	96F4836	7.13	6.45
9760-22	22	96F4838	7.41	6.70
9760-24	24	96F4840	10.59	9.58
9760-28	28	96F4842	10.24	9.26
9760-32	32	96F4844	15.79	14.28
9760-36	36	96F4846	18.34	16.59

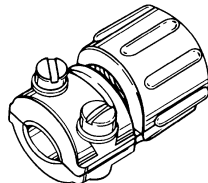
CAPS FOR PLUGS

Mfg. Part No.	Fits Shell	Stock No.	Price Each	
			1-24	25-49
9760-10P	10S, 10SL	96F5941	5.47	4.94
9760-12P	12, 12S, 12SL	96F5943	10.73	9.70
9760-14P	14, 14S	96F5890	6.90	6.24
9760-16P	16, 16S	96F5885	7.89	7.14
9760-18P	18	96F4833	9.94	8.99
9760-20P	20	96F4837	17.86	16.15
9760-22P	22	96F4839	18.34	16.59
9760-24P	24	96F4841	21.94	19.84
9760-28P	28	96F4843	13.52	12.23
9760-32P	32	96F4845	34.70	31.38
9760-36P	36	96F4847	24.86	22.48

(8337)

97 SERIES/AN3057 CABLE CLAMPS

For jacketed cable or wires protected by tubing. 1 resilient washer and 2 fiber washers included. NOTE: suffix 6 in mfg. part no. indicates step-down clamp which accommodates smaller cable. For a shiny, clear, cadmium plated finish, add suffix 639 at end of mfg. part no.



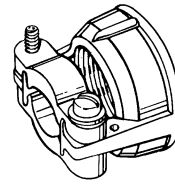
Mfg. Part No.	Fits Shell	Stock No.	Price Each	
			1-24	25-49
97-3057-3	8S, 10S	96F4901	7.99	7.29
97-3057-4	10SL, 12S	96F4902	6.64	6.06
97-3057-6	14, 14S	96F4904	6.76	6.17
97-3057-8	16, 16S	96F4828	7.30	6.66
97-3057-10	18	96F4914	6.19	5.65
97-3057-10-6	18	96F4892	7.44	6.79
97-3057-12	20, 22	96F4893	6.81	6.22
97-3057-12-6	20, 22	96F4894	7.49	6.84
97-3057-16	24, 28	96F4896	6.88	6.27
97-3057-20	32	96F4898	9.80	8.94
97-3057-24	36	96F4899	10.04	9.16

(8334)



97 SERIES MS3057A CABLE CLAMPS

For jacketed cable or wire protected by tubing. Meet MIL-C-5015 specifications. Both clamping halves float for strain relief. For unjacketed cable or wire, order MS3420 rubber bushing separately on this page. Two telescoping bushings supplied with shell sizes 24 and up. NOTE: For a shiny, clear, cadmium-plated finish, add suffix -639 at end of mfg. part no.



Mfg. Part No.	MIL Spec. Type	Fits Shell Size	Stock No.	Price Each	
				1-24	25-49
97-3057-1004	MS3057-4A	10SL, 12, 12S	96F4915	5.52	4.90
97-3057-1007	MS3057-7A	14, 14S	96F4918	4.65	4.13
97-3057-1008	MS3057-8A	16, 16S	96F4870	6.15	5.46
97-3057-1010	MS3057-10A	18	96F4874	5.22	4.63
97-3057-1012	MS3057-12A	20, 22	96F4878	5.17	4.59
97-3057-1016	MS3057-16A	24, 28	96F4882	5.72	5.08
97-3057-1020	MS3057-20A	32	96F4885	8.26	7.34
97-3057-1024	MS3057-24A	36	96F4888	8.26	7.34

CABLE CLAMPS WITH BUSHING

Mfg. Part No.	MIL Spec. Type	Fits Shell Size	Stock No.	Price Each	
				1-24	25-49
97-3057-1004-1	MS3057-4A	10SL, 12, 12S	96F4916	6.71	5.95
97-3057-1007-1	MS3057-7A	14, 14S	96F4867	6.87	6.09
97-3057-1008-1	MS3057-8A	16, 16S	96F4871	7.20	6.40
97-3057-1010-1	MS3057-10A	18	96F4875	6.15	5.46
97-3057-1012-1	MS3057-12A	20, 22	96F4879	6.24	5.54
97-3057-1016-1	MS3057-16A	24, 28	90F1287	8.00	7.10
97-3057-1020-1	MS3057-20A	32	96F4886	11.53	10.23
97-3057-1024-1	MS3057-24A	36	96F4889	12.26	10.88

(8336)

97 SERIES/MS3420 RUBBER BUSHINGS

MS3420 rubber bushings are designed for use with MS3057A cable clamps, order separately on this page. Provide protection for unjacketed wire and cable and act as reducing bushing.



Mfg. Part No.	MIL Spec. Type	Cable O.D.	Stock No.	Price Each	
				1-24	25-49
9779-513-3	MS3420-3	0.130"	96F5893	0.80	0.72
9779-513-4	MS3420-4	0.220"	96F5888	0.92	0.84
9779-513-6	MS3420-6	0.312"	96F5887	0.93	0.85
9779-513-8	MS3420-8	0.437"	96F5886	0.80	0.72
9779-513-10	MS3420-10	0.562"	96F5894	0.80	0.72
9779-513-12	MS3420-12	0.625"	96F5889	0.92	0.84
9779-513-16	MS3420-16	0.750"	96F5958	1.14	1.04
9779-513-20	MS3420-20	0.937"	96F5911	1.71	1.56
9779-513-24	MS3420-24	1.250"	96F5900	1.71	1.56

(8335)

Keep up with environmental laws.



(94637)

Learn about China RoHS, US/Canadian green laws and free RoHS compliance tools. Visit [www.newark.com/rohs](http://www.newark.com/rohs) today.

CIRCULAR CONNECTORS

ORDERING GUIDE FOR MIL-C-5015 CIRCULAR CONNECTORS WITH THREADED COUPLING, SOLDER CONTACTS



**HOW TO ORDER CONNECTORS**  
Review the following example to correctly formulate the part number of your choice.

MS 3102 A - 18 - 3 P W (SR)

**CONNECTOR TYPE**  
**MS** Designates Military Standard  
**CS\*** Service Class A and C with proprietary special contact arrangements  
**SG\*** Service Class E with proprietary special contact arrangements  
**SM\*** Service Class F and R with proprietary special contact arrangements

**SHELL STYLE**  
**3100** Wall mount receptacle  
**3101** Cable receptacle  
**3102** Box mount receptacle  
**3106** Straight plug  
**3108** 90 degree plug

**SERVICE CLASSES**  
**A** General, non-environmental applications  
**C** Solid shell for pressurized applications  
**E** Environmental resisting  
**F** Environmental resisting with strain relief (MS part number only)  
**R** Lightweight environmental resisting

**DEVIATIONS**  
**SR** Strain relief for non-military connectors (For MS use "F" class)

**ALTERNATE INSERT POSITIONS**  
 Omit for standard position. W, X, Y or Z for alternate positions, depending on insert. See Alternate Insert Position Chart.

**CONTACT**  
 P - Pin  
 S - Socket

**INSERT DESIGNATION**  
 See insert diagrams located with associated products.

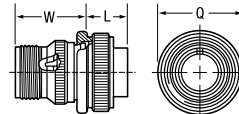
**SHELL SIZE**  
 8S, 10S, 10SL, 12S, 12, 14S, 14, 16S, 16, 18, 20, 24, 28, 32, 36, 40

\* For insert arrangements over 50 and shell size 40 and above. Exceptions: 36-52, 40-1, 40-9 and 40-56 are MS approved.

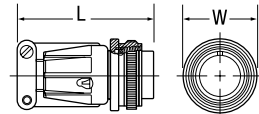
Alternate finishes, including black and olive drab zinc alloys are available; go online or call.



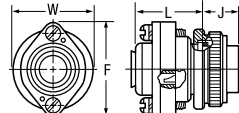
MS/STANDARD CYLINDRICAL MIL-C-5015 TYPE CONNECTORS



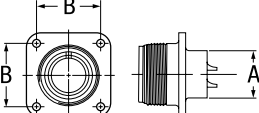
MS3106A Straight Plug



MS3106E/F Straight Plug



MS3106R Straight Plug



MS3102E/R Box Mount Receptacle

Insert Arrangement	10SL-3	10SL-4	14S-2	14S-5	14S-6	14S-7
Number of Contacts	3	2	4	5	6	3
Contact Size	16	16	16	16	16	16

Insert Arrangement	16S-1	16-10	16-11	18-1	18-11	20-27
Number of Contacts	7	3	2	10	5	14
Contact Size	16	12	12	16	12	16

Insert Arrangement	20-29	22-14	22-19	22-22	24-11
Number of Contacts	17	19	14	4	3
Contact Size	16	16	16	8	12

Insert Arrangements

- Medium to Heavyweight Cylindrical
- Durable, Field-Proven Design
- Resilient Inserts
- Solder Contacts, Sizes 16-0 Accepting 22-0 AWG
- Operating Voltage: 3000VAC (RMS) Max. at Sea Level

MS/Standard connectors meet the latest performance requirements of MIL-C-5015. Feature threaded couplings and single key/keyway shell polarization, representing maximum simplicity in design. Applications include military ground support equipment, ordnance and shipboard installations. **NOTE:** The MS/Standard connectors are available in 4 Certified Service Classes: "A" Class is a solid shell version for general, nonenvironmental applications; "E/F" Class is an environmental resisting version with strain relief and designed for applications where the connector will be exposed to moisture, vibration and rapid changes in pressure and temperature; and "R" Class is a lightweight environmental resisting version that is shorter in length and lighter in weight than the E/F classes, offering a high degree of reliability under adverse conditions making it recommended for new design applications.

MS3106A SERIES STRAIGHT PLUGS

Mfg. Part No.	Contacts	Insert Arrangements	Dimensions			Stock No.	Price Each
			Q	L	W		
MS3106A10SL-3S	3	10SL-3	0.531"	0.937"	0.946"	93B3279	15.29
MS3106A10SL-4S	2	10SL-4	0.531"	0.937"	0.946"	54H0144	12.56
MS3106A12S-3S	2	12S-3	0.531"	0.937"	0.945"	09J9070	11.05
MS3106A14S-2S	4	14S-2	0.531"	0.937"	1.123"	54H0145	10.58
MS3106A14S-5S	5	14S-5	0.531"	0.937"	1.123"	54H0147	16.40
MS3106A14S-5P	5	14S-5	0.531"	0.937"	1.123"	54H0146	11.41
MS3106A14S-6S	6	14S-6	0.531"	0.937"	1.123"	54H0148	10.37
MS3106A14S-6P	6	14S-6	0.531"	0.937"	1.123"	03J5440	13.16
MS3106A14S-7P	3	14S-7	0.531"	0.937"	1.123"	11J3357	8.71
MS3106A16S-1S	7	16S-1	0.531"	0.937"	1.250"	54H0150	14.08
MS3106A16S-8P	5	16S-8	0.531"	0.937"	1.250"	09J9072	20.04
MS3106A16-10S	3	16-10	0.719"	1.124"	1.250"	54H0149	16.85
MS3106A18-1S	10	18-1	0.719"	1.219"	1.333"	54H0151	18.43
MS3106A18-1P	10	18-1	0.719"	1.125"	1.333"	03J5442	19.14
MS3106A20-29S	17	20-19	0.719"	1.125"	1.461"	09J9073	21.97
MS3106A22-14P	19	22-14	0.719"	1.219"	1.333"	09J9074	21.28

MS3106E/F SERIES STRAIGHT PLUGS

Mfg. Part No.	Contacts	Insert Arrangements	Dimensions		Stock No.	Price Each
			L	W		
MS3106E10SL-3S	3	10SL-3	2.129"	0.946"	34H5316	15.49
MS3106E10SL-4S	2	10SL-4	2.129"	0.946"	34H5317	16.85
MS3106F10SL-3S	3	10SL-3	2.129"	0.946"	85C4063	15.50
MS3106F10SL-4S	2	10SL-4	2.129"	0.946"	85C4064	14.31
MS3106F14S-2P	4	14S-2	2.201"	1.123"	85C4045	13.75
MS3106F14S-2S	4	14S-2	2.201"	1.123"	85C4046	16.22
MS3106F14S-5P	5	14S-5	2.201"	1.123"	85C4047	15.69
MS3106F14S-5S	5	14S-5	2.201"	1.123"	85C4048	17.08
MS3106F14S-6P	6	14S-6	2.201"	1.123"	85C4049	16.84
MS3106F14S-6S	6	14S-6	2.201"	1.123"	85C4050	15.57

➔ CONTINUED ➔

(80210)

Online today. On your desk tomorrow.

- Best products, great value.
  - No minimum order fees, no hassles.
- Visit us online today.



SEARCH



FIND



BUY

(94642)



MS/STANDARD CYLINDRICAL MIL-C-5015 TYPE CONNECTORS (CONT.)

Mfg. Part No.	Contacts	Insert Arrangements	Dimensions		Stock No.	Price Each
			L	W		
MS3106F14S-7P	3	14S-7	2.201"	1.123"	85C4051	14.21
MS3106F14S-7S	3	14S-7	2.201"	1.123"	85C4052	17.40
MS3106F16-10P	3	16-10	2.524"	1.250"	85C4053	23.36
MS3106F16-10S	3	16-10	2.524"	1.250"	85C4054	24.42
MS3106F16S-1P	7	16S-1	2.201"	1.250"	85C4055	19.72
MS3106F16S-1S	7	16S-1	2.201"	1.250"	85C4056	24.35
MS3106F18-1P	10	18-1	2.596"	1.333"	85C4057	19.98
MS3106F18-1S	10	18-1	2.596"	1.333"	85C4058	20.43
MS3106F20-27P	14	20-27	2.654"	1.461"	85C4059	21.70
MS3106F20-27S	14	20-27	2.654"	1.461"	85C4060	27.42
MS3106F20-29P	17	20-29	2.654"	1.461"	85C4061	23.55
MS3106F20-29S	17	20-29	2.654"	1.461"	85C4062	29.40

MS3106R SERIES STRAIGHT PLUGS

Mfg. Part No.	Contacts	Insert Arrangements	Dimensions				Stock No.	Price Each
			L	W	F	J		
MS3106R10SL-3S	3	10SL-3	1.057"	0.946"	1.120"	0.531"	34H5390	14.43
MS3106R-10SL-4S	3	10SL-4	1.057"	0.946"	1.120"	0.531"	34H5379	14.75
MS3106R24-11S	3/#8, 6/#12	24-11	1.291"	1.715"	1.994"	0.719"	34H5394	24.35

MS3102A SERIES WALL MOUNT RECEPTACLES

Mfg. Part No.	Contacts	Insert Arrangements	Dimensions		Stock No.	Price Each
			A	B		
MS3102A10SL-3P	3	10SL	0.625"	0.719"	03J5414	4.63
MS3102A14S-5P	5	14S	0.750"	0.906"	03J5418	6.80
MS3102A14S-5S	5	14S	0.750"	0.906"	09J9060	9.63
MS3102A14S-6S	6	14S	0.750"	0.906"	03J5420	7.49
MS3102A16S-1P	7	16S	0.875"	0.969"	03J5422	7.80
MS3102A18-10P	4	18	1.000"	1.062"	09J9063	11.93
MS3102A18-11P	5	18	1.000"	1.062"	09J9064	6.70
MS3102A18-1P	10	18-1	1.000"	1.062"	03J5424	8.40
MS3102A18-8P	8	18-8	1.000"	1.062"	09J9066	9.08
MS3102A20-27P	14	20-27	1.125"	1.156"	88C9485	11.69
MS3102A20-29S	17	20-29	1.125"	1.156"	05H9383	17.69
MS3102A22-20S	9	22-20	1.250"	1.250"	09J9067	13.75

MS3102E SERIES WALL MOUNT RECEPTACLES

Mfg. Part No.	Contacts	Insert Arrangements	Dimensions		Stock No.	Price Each
			A	B		
MS3102E10SL-3P	3	10SL-3	0.625"	1.000"	34H5256	5.85
MS3102E10SL-4P	2	10SL-4	0.625"	1.000"	34H5247	5.35
MS3102E14S-2P	4	14S-2	0.750"	1.188"	34H5261	6.69
MS3102E14S-2S	4	14S-2	0.750"	1.188"	08H0294	6.99
MS3102E14S-5P	5	14S-5	0.750"	1.188"	34H5262	5.73
MS3102E14S-6P	6	14S-6	0.750"	1.188"	34H5263	5.30
MS3102E14S-6S	6	14S-6	0.750"	1.188"	54H0142	8.15
MS3102E16S-1P	7	16S-1	0.875"	1.281"	34H5264	7.82
MS3102E-16-10P	3	16-10	0.875"	1.281"	34H5252	7.29
MS3102E18-1P	10	18-7	1.000"	1.375"	34H5266	9.50
MS3102E18-11P	5	18-11	1.000"	1.375"	34H5267	9.75
MS3102E22-14P	19	22-14	1.250"	1.625"	34H5281	13.07
MS3102E22-22P	4	22-22	1.250"	1.625"	34H5283	14.55

MS3102R SERIES WALL MOUNT RECEPTACLES

Mfg. Part No.	Contacts	Insert Arrangements	Dimensions		Stock No.	Price Each
			A	B		
MS3102R10SL-3P	3	10SL-3	0.625"	0.719"	85C4043	4.90
MS3102R10SL-4P	2	10SL-4	0.625"	0.719"	85C4044	4.55
MS3102R14S-2P	4	14S-2	0.750"	0.906"	85C4025	5.82
MS3102R14S-2S	4	14S-2	0.750"	0.906"	85C4026	6.18
MS3102R14S-5P	5	14S-5	0.750"	0.906"	85C4027	5.92
MS3102R14S-5S	5	14S-5	0.750"	0.906"	85C4028	6.20
MS3102R14S-6P	6	14S-6	0.750"	0.906"	85C4029	6.47
MS3102R14S-6S	6	14S-6	0.750"	0.906"	85C4030	7.09
MS3102R14S-7P	3	14S-7	0.750"	0.906"	85C4031	12.07
MS3102R14S-7S	3	14S-7	0.750"	0.906"	85C4032	6.21
MS3102R16-10P	3	16-10	0.875"	0.969"	85C4033	7.22
MS3102R16-10S	3	16-10	0.875"	0.969"	85C4034	8.00
MS3102R16S-1P	7	16S-1	0.875"	0.969"	85C4035	7.27
MS3102R16S-1S	7	16S-1	0.875"	0.969"	85C4036	8.42
MS3102R16-11P	2	16-11	0.875"	0.969"	34H5294	4.29
MS3102R-18-1P	10	18-1	1.000"	1.062"	85C4037	9.06
MS3102R18-1S	10	18-1	1.000"	1.062"	85C4038	25.93
MS3102R18-11P	5	18-11	1.000"	1.062"	09J9069	9.25
MS3102R20-27P	14	20-27	1.125"	1.156"	85C4039	8.93

► CONTINUED ►

MS/STANDARD CYLINDRICAL MIL-C-5015 TYPE CONNECTORS (CONT.)

Mfg. Part No.	Contacts	Insert Arrangements	Dimensions		Stock No.	Price Each
			A	B		
MS3102R20-27S	14	20-27	1.125"	1.156"	85C4040	10.94
MS3102R20-29P	17	20-29	1.125"	1.156"	85C4041	11.20
MS3102R20-29S	17	20-29	1.125"	1.156"	85C4042	13.21
MS3102R-22-23P	8	22-23P	1.125"	1.6250"	61H4202	21.06
MS3102R20-29P	17	20-29	1.125"	1.156"	85C4041	11.20

(72835)

MS/STANDARD SEALING GASKETS

Plain flat gasket. Waterproof and pressure sealing features. Flange Mount. Material: Synthetic Rubber. For use with flange mounted receptacles on pages 800-801

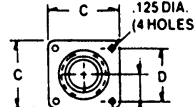


Mfg. Part No.	Shell Size	Stock No.	Price Each
10-40450-10	10, 10S, 10SL	92B7571	0.70
10-40450-12	12, 12S, 12SL	91B5613	0.12
10-40450-14	14, 14S	94B7559	0.18
10-40450-16	16, 16S	06J2219	0.15
10-40450-22	22	93B3564	1.04

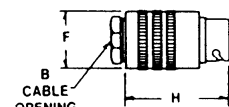
(80534)

3

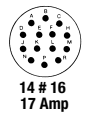
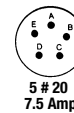
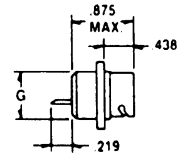
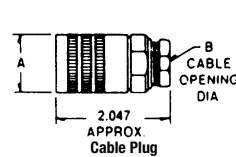
165 SERIES MINIATURE CIRCULAR CONNECTORS



Square Flange Receptacle



Cable Receptacle



DIMENSIONS

mm	A	B	C	D	E	F	G	H
Small	22.63	9.53	27.00	19.84	9.93	22.23	20.65	48.82
Large	28.98	16.66	33.35	24.61	12.29	28.58	27.00	49.23

Miniature connectors are 1/2 the size and weight of standard MIL-C-5015 connectors with the same number of contacts. Quick, positive bayonet coupling. O-ring seals in both plugs and receptacles make connectors pressure proof and water protected when mated and meet MIL-C-5015, Class C pressure specifications. Contacts are copper alloy with gold over nickel plate. Inserts are diallyl phthalate. UL recognized.

Mfg. Part No.	Description	Contacts	Stock No.	Price Each	
				1-24	25-49
165-33	Small Plug	5-#20 Male	38F320	55.86	53.67
165-34	Small Plug	5-#20 Female	38F321	81.02	77.84
165-35	Small Square Flange Receptacle	5-#20 Male	38F322	30.65	29.45
165-36	Small Square Flange Receptacle	5-#20 Female	38F323	51.52	49.50
165-35-1002	Small Cable Receptacle	5-#20 Male	40F011	78.72	75.64
165-13	Small Plug	9-#20 Male	38F304	67.40	64.76
165-14	Small Plug	9-#20 Female	38F305	63.93	61.42
165-15	Small Square Flange Receptacle	9-#20 Male	38F306	34.17	32.83
165-16	Small Square Flange Receptacle	9-#20 Female	38F307	59.84	57.50
165-15-1002	Small Cable Receptacle	9-#20 Male	40F010	74.64	71.71
165-9	Small Plug	12-#20 Male	38F300	76.72	73.71
165-10	Small Plug	12-#20 Female	38F301	101.79	97.80
165-11	Small Square Flange Receptacle	12-#20 Male	38F302	41.05	39.44
165-12	Small Square Flange Receptacle	12-#20 Female	38F303	69.93	67.18
165-29	Large Plug	14-#16 Male	38F316	101.54	97.56
165-30	Large Plug	14-#16 Female	38F317	130.62	125.50
165-31	Large Square Flange Receptacle	14-#16 Male	38F318	61.74	59.32
165-32	Large Square Flange Receptacle	14-#16 Female	38F319	134.31	129.04
165-25	Large Plug	24-#20 Male	38F312	136.86	131.50
165-26	Large Plug	24-#20 Female	38F313	162.21	155.85

► CONTINUED ►

CIRCULAR CONNECTORS

165 SERIES MINIATURE CIRCULAR CONNECTORS (CONT.)

Mfg. Part No.	Description	Contacts	Stock No.	Price Each	
				1-24	25-49
● 165-27	Large Square Flange Receptacle	24-#20 Male	38F314	94.91	91.19
● 165-28	Large Square Flange Receptacle	24-#20 Female	38F315	119.24	114.56

PRE-EARTH/FMLB CONNECTORS



- Pre-Earth (Grounded Contact) Design
- First Mate, Last Break Capability
- Class IP67 Protection In Mated Condition
- Conform to European Safety Standards
- Standard Black Zinc Plating
- CE Compliant



DL series Pre-Earth/First Mate Last Break (FMLB) connectors are designed for applications where a protective circuit from the ground contact to the shell is a safety requirement. Offered in straight plug and box mount receptacle styles. Main joint gasket between plug and receptacle shells provides superior moisture sealing. Certified to European safety standards for use in factory automation, machine tool, and process control applications. Meet MIL-C-5015 dimensions and performance where applicable.

STRAIGHT PLUGS

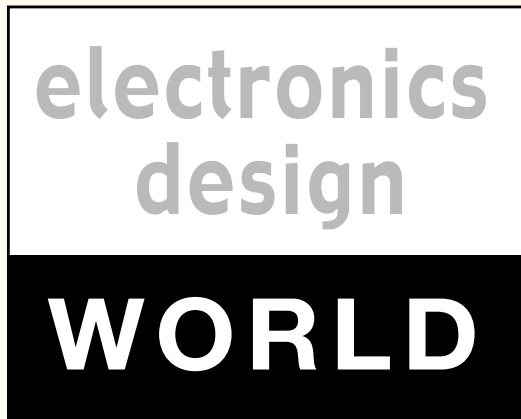
Mfg. Part No.	No. of Contacts	Amps	Stock No.	Price Each	
				1-9	10-24
DL3106A10SL-3S	3	13	32C1467	9.70	8.00
DL3106A18-10S	4	23	39C3065	20.93	17.25
DL3106A18-12S	6	13	39C3066	20.24	16.68
DL3106A20-15S	7	23	39C3067	22.63	18.65
DL3106A22-22S	4	46	39C3068	29.83	24.59
DL3106A24-10S	7	46	39C3069	35.66	29.39

BOX MOUNT RECEPTACLES

DL3102A10SL-3P	3	13	32C1456	9.72	8.01
DL3102A18-10P	4	23	32C1457	14.56	12.00
DL3102A18-12P	6	13	32C1458	13.05	10.76
DL3102A20-15P	7	23	32C1459	16.40	13.52
DL3102A22-22P	4	46	32C1460	17.00	14.01
DL3102A24-10P	7	46	32C1461	19.17	15.80

(68746)

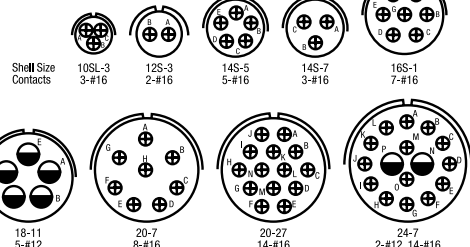
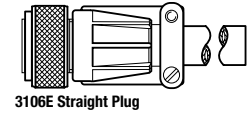
Find current application notes—fast.



Visit our information-rich portal designed for engineers and technicians at [www.newark.com/edworld](http://www.newark.com/edworld)

(94646)

ACA-B SERIES REVERSE BAYONET COUPLING CONNECTORS



Contacting Arrangements Mating Face View of Insert

- Quick positive coupling
- Waterproof
- High shock and vibration capabilities
- No locking required

ACA-B series connectors with reverse bayonet coupling are manufactured in accordance with MIL-C-5015 and V695234. Designed for commercial and industrial environments requiring a rugged bayonet style connector for heavy duty power and signal applications. Resilient inserts provide high dielectric strength and moisture barrier. Shell: aluminum alloy with cadmium-olive drab finish. Insert: neoprene. Contacts: copper alloy with silver finish. Operating temperature: -55°C to 125°C. Electrical rating: 5A to 500A. Service rating: up to 400VDC. Mating cycles: 500.

ACA3102E-B SERIES BOX MOUNT RECEPTACLES

Certified "E" Service Class, environmental resisting, with grommet seal and strain relief backshell. Receptacle without threads for panel mounting includes four through mounting holes or optional metric holes.

SOLDER PIN CONTACTS

Mfg. Part No.	Shell Size	Contacts	Stock No.	Price Each	
				1-24	25-49
ACA3102E12S-3PB	12S	2	81H5971	17.73	13.66
ACA3102E10SL-3PB	10SL	3	81H5963	12.79	9.86
ACA3102E14S-7PB	14S	3	81H5990	18.32	14.12
ACA3102E14S-1PB	14S	3	81H5975	18.32	14.12
ACA3102E14S-5PB	14S	5	81H5982	19.49	15.03
ACA3102E18-11PB	18	5	81H6009	23.60	18.19
ACA3102E16S-1PB	16S	7	81H5998	21.74	16.76
ACA3102E20-7PB	20	8	81H6035	24.58	18.95
ACA3102E20-27PB	20	14	81H6028	27.79	21.42

SOLDER SOCKET CONTACTS

ACA3102E12S-3SB	12S	2	81H5973	18.32	14.12
ACA3102E10SL-3SB	10SL	3	81H5965	13.75	10.60
ACA3102E14S-1SB	14S	3	81H5977	19.22	14.82
ACA3102E14S-7SB	14S	3	81H5991	19.22	14.82
ACA3102E14S-5SB	14S	5	81H5984	21.01	16.20
ACA3102E16S-1SB	16S	7	81H6000	23.85	18.39
ACA3102E20-7SB	20	8	81H6036	26.71	20.59
ACA3102E20-27SB	20	14	81H6030	31.55	24.32
ACA3102E24-7SB	24	16	81H6053	41.82	32.24

AWG CRIMP PIN CONTACTS

ACA3102E10SL-3PBF80	10SL	3	81H5964	4.70	3.63
ACA3102E18-11PBF80	18	5	81H6010	23.60	18.19
ACA3102E16S-1PBF80	16S	7	81H5999	7.99	6.16

AWG CRIMP SOCKET CONTACTS

ACA3102E10SL-3SBF80	10SL	3	81H5966	5.04	3.89
ACA3102E18-11SBF80	18	5	81H6012	9.71	7.49

ACA3106E-B SERIES STRAIGHT PLUGS

Certified "E" Service Class environmental resisting, with grommet seal and strain relief backshell. Plug with cable clamp and telescopic bushing includes grommet and grommet sleeve.

SOLDER PIN CONTACTS

ACA3106E14S-5PB	14S	5	81H6101	38.63	29.78
ACA3106E14S-7PB	14S	3	81H6109	37.46	28.88
ACA3106E16S-1PB	16S	7	81H6118	43.90	33.84
ACA3106E20-7PB	20	8	81H6161	48.52	37.40
ACA3106E20-27PB	20	14	81H6150	51.54	39.73
ACA3106E24-7PB	24	16	81H6185	60.41	46.56

SOLDER SOCKET CONTACTS

ACA3106E14S-7SB	14S	3	81H6111	38.33	29.54
ACA3106E14S-5SB	14S	5	81H6103	39.96	30.80
ACA3106E18-11SB	18	5	81H6134	48.35	37.27
ACA3106E16S-1SB	16S	7	81H6120	45.83	35.33
ACA3106E20-7SB	20	8	81H6162	50.50	38.93
ACA3106E20-27SB	20	14	81H6152	55.13	42.49

➤ CONTINUED ➤

CIRCULAR CONNECTORS

ACA-B SERIES REVERSE BAYONET COUPLING CONNECTORS (CONT.)

AWG CRIMP PIN CONTACTS

Mfg. Part No.	Shell Size	Contacts	Stock No.	Price Each	
				1-24	25-49
ACA3106E10SL-3PBF80	10SL	3	81H6085	10.66	8.22
ACA3106E18-11PBF80	18	5	81H6133	16.78	12.93

AWG CRIMP SOCKET CONTACTS

ACA3106E10SL-3SBF80	10SL	3	81H6087	10.97	8.46
ACA3106E18-11SBF80	18	5	81H6135	49.79	38.38

(77851)

ORDERING GUIDE FOR PT, SP SERIES CIRCULAR CONNECTORS WITH BAYONET COUPLING, SOLDER CONTACTS



**HOW TO ORDER CONNECTORS**  
Review the following example to correctly formulate the part number of your choice.

PT 00 A - 20 - 41 P W (SR)

CONNECTOR TYPE

- PT** Standard olive drab, electrically conductive cadmium plated bayonet lock connector with solder contacts
- SP** Electrically non-conductive, hard anodic coated bayonet lock connector with solder contacts, larger flange and back panel mounting holes
- PTG** Plug with grounding fingers

SHELL STYLE

- 00** Wall mount receptacle
- 01** Cable receptacle
- 02** Box mount receptacle
- 06** Straight plug
- 07** Jam nut receptacle
- 08** 90 degree plug
- B** Thru bulkhead receptacle (pressurized)
- I** Solder mount receptacle (Hermetic only)

SERVICE CLASSES

- A** General duty back shell
- C** Pressurized receptacle
- E** Environmental resisting open wire seal with grommet and nut
- J** Clamp assembly for moisture proofing multi-jacketed cables, with strain relief
- P** Assembly with potting boot
- W** Assembly for moisture proofing multi-jacketed cables
- H** Hermetic without interfacial seal
- Y** Hermetic with interfacial seal

SHELL SIZE

- 6, 8, 10, 12, 14, 16, 18, 20, 22, 24

DEVIATIONS / SHELL FINISHES

- SR** Strain relief clamp
- (003) Indicate optional finishes as follows: Olive drab cadmium plate (standard on PT)
- (005) Anodic coating - Alumiite® (standard on SP)
- (014) Olive drab cadmium plate over nickel
- (023) Electroless nickel
- (024) Olive drab zinc cobalt plating
- (025) Non-conductive black zinc cobalt plating
- (027) Conductive black zinc cobalt plating
- (424) Electroless nickel finish with strain relief
- (466) Olive drab zinc cobalt plating with strain relief
- (470) Non-conductive black zinc cobalt plating with strain relief
- (476) Conductive black zinc cobalt plating with strain relief
- (100) Suffix added for flat eyelet pin contacts in hermetic versions

ALTERNATE INSERT POSITIONS

Omit for standard position. W, X, Y or Z for alternate positions, depending on insert. See Alternate Insert Position Chart.

CONTACT

- P - Pin
- S - Socket

**INSERT DESIGNATION**  
See insert diagrams located with associated products.

(80202)

Best products, great value.

**NO MINIMUM ORDER FEES**  
We offer the broadest in-stock selection. Visit us online or call us today.

(94650)

PT00 SERIES (MS3110) WALL MOUNT RECEPTACLES WITH ENVIRONMENT-RESISTANT STRAIN RELIEF

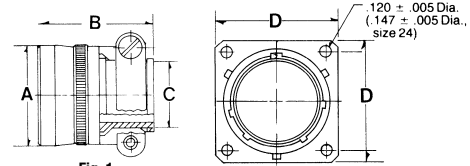


Fig. 1

Offer the same quality features as PT00 series miniature general-duty wall mount receptacles, except have environment-resistant strain relief clamp and grommet for moisture-proofing individual wires. Also provide added wire bundle support. Meet MIL-C-26482 specifications. Other sizes are available; go online or call.

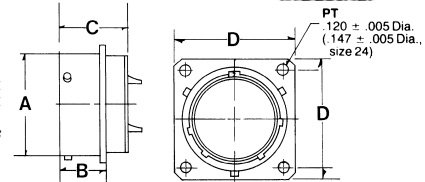
Mfg. Part No.	Fig.	Con-tacts	Shell Size	Dimensions				Stock No.	Price Each
				A	B	C	D		
PT00E8-4P (SR)	1	4	8	0.550"	1.922"	0.240"	0.812"	95F1705	19.54
PT00E8-4S(SR)	1	4	8	0.550"	1.922"	0.240"	0.812"	95F1706	21.45
PT00E10-6P (SR)	1	6	10	0.675"	1.922"	0.302"	0.938"	95F1707	26.77
PT00E10-6S (SR)	1	6	10	0.675"	1.922"	0.302"	0.938"	95F1708	28.67
● PT00E10-6S(005)	1	6	10	0.675"	1.922"	0.302"	0.875"	09J8955	23.38
PT00E14-19P(SR)	1	19	14	0.920"	1.922"	0.552"	1.125"	95F1715	32.10
PT00E14-19S(SR)	1	19	14	0.920"	1.922"	0.552"	1.125"	95F1716	37.71

(8205)

PT02 SERIES (MS3112) BOX MOUNT RECEPTACLES



These environment-resistant miniature receptacles offer the same quality features as PT00 series miniature general-duty wall mount receptacles, except these receptacles have box mount design. Meet MIL-C-26482 specifications. Order general-duty backshells separately. Go online or call.



PT02E SERIES — ENVIRONMENTAL-RESISTING MINIATURE RECEPTACLES

Mfg. Part No.	Con-tacts	Shell Size	Dimensions				Stock No.	Price Each
			A	B	C	D		
PT02E8-3P	3	8	0.473"	0.493"	0.825"	0.812"	85C4351	7.50
PT02E8-3S	3	8	0.473"	0.493"	0.825"	0.812"	85C4352	21.61
PT02E8-4P	4	8	0.473"	0.493"	0.825"	0.812"	95F1727	9.80
PT02E8-4S	4	8	0.473"	0.493"	0.825"	0.812"	95F1728	7.98
PT02E10-6P	6	10	0.590"	0.493"	0.825"	0.938"	95F1729	11.67
PT02E10-6S	6	10	0.590"	0.493"	0.825"	0.938"	95F1730	13.11
PT02E12-3P	3	12	0.750"	0.493"	0.825"	1.031"	95F1731	8.52
PT02E12-3S	3	12	0.750"	0.493"	0.825"	1.031"	95F1732	9.74
PT02E12-4S	4	12	0.750"	0.493"	0.825"	1.031"	35H4701	13.28
PT02E12-8P	8	12	0.750"	0.493"	0.825"	1.031"	54H0163	11.20
PT02E12-10P	10	12	0.750"	0.493"	0.825"	1.031"	95F1733	11.42
PT02E12-10S	10	12	0.750"	0.493"	0.825"	1.031"	95F1734	11.21
PT02E14-5P	5	14	0.875"	0.493"	0.825"	1.125"	95F1735	9.94
PT02E14-5S	5	14	0.875"	0.493"	0.825"	1.125"	95F1736	18.72
PT02E14-12P	12	14	0.875"	0.493"	0.825"	1.125"	90B2117	10.43
PT02E14-12S	12	14	0.875"	0.493"	0.825"	1.125"	54H0164	19.58
PT02E14-18S	18	14	0.875"	0.493"	0.825"	1.125"	90B2106	15.56
PT02E14-19P	19	14	0.875"	0.493"	0.825"	1.125"	95F1737	13.53
PT02E14-19S	19	14	0.875"	0.493"	0.825"	1.125"	95F1738	17.33
PT02E16-8P	8	16	1.000"	0.493"	0.825"	1.219"	95F1739	18.89
PT02E16-8S	8	16	1.000"	0.493"	0.825"	1.219"	95F1740	16.48
PT02E16-26P	26	16	1.000"	0.493"	0.825"	1.219"	95F1741	16.79
PT02E16-26S	26	16	1.000"	0.493"	0.825"	1.219"	95F1742	22.48
PT02E20-41P	41	20	1.250"	0.650"	1.076"	1.438"	85C4347	21.02
PT02E20-41S	41	20	1.250"	0.650"	1.076"	1.438"	85C4348	25.83

PT02A SERIES — GENERAL-DUTY MINIATURE RECEPTACLES

PT02A8-2P	2	8	0.473"	0.493"	0.825"	0.812"	35H4698	9.51
PT02A8-3P	3	8	0.473"	0.493"	0.825"	0.812"	91B8430	10.96
PT02A8-4P	4	8	0.473"	0.493"	0.825"	0.812"	54H0161	8.30
PT02A8-4S	4	8	0.473"	0.493"	0.825"	0.812"	54H0162	8.94
PT02A10-6P	6	10	0.590"	0.493"	0.825"	0.938"	54H0152	9.80
PT02A10-6S	6	12	0.590"	0.493"	0.825"	0.938"	88F2889	10.76
PT02A14-5P	5	14	0.875"	0.493"	0.825"	1.125"	54H0154	11.02
PT02A14-5S	5	14	0.875"	0.493"	0.825"	1.125"	54H0155	18.62
PT02A14-12S	12	14	0.875"	0.493"	0.825"	1.125"	35H4684	17.83
PT02A14-15P	15	14	0.875"	0.493"	0.825"	1.125"	35H4685	11.24
PT02A14-18P	18	14	0.875"	0.493"	0.825"	1.125"	35H4687	15.29
PT02A14-19S	19	14	0.875"	0.493"	0.825"	1.125"	35H4689	16.29

➤ CONTINUED ➤



CIRCULAR CONNECTORS

PT02 SERIES (MS3112) BOX MOUNT RECEPTACLES (CONT.)

PT02A SERIES — GENERAL-DUTY MINIATURE RECEPTACLES

Mfg. Part No.	Con-tacts	Shell Size	Dimensions				Stock No.	Price Each
			A	B	C	D		
PT02A14-19P	19	14	0.875"	0.493"	0.825"	1.125"	54H0153	13.38
PT02A16-8P	8	16	1.000"	0.493"	0.825"	1.219"	54H0156	11.57
PT02A16-8S	8	16	1.000"	0.493"	0.825"	1.219"	54H0157	13.68
PT02A16-26P	26	16	1.000"	0.493"	0.825"	1.219"	35H4692	16.61
PT02A20-16P	16	20	1.250"	0.650"	1.076"	1.438"	54H0158	24.91
PT02A20-16S	16	20	1.250"	0.650"	1.076"	1.438"	54H0159	32.36
PT02A22-55S	55	22	1.375"	0.650"	1.076"	1.562"	35H4697	35.10
PT02A22-55P	15	22	1.375"	0.650"	1.076"	1.562"	54H0160	31.83

(8206)

ORDERING GUIDE FOR PT-SE, SP-SE SERIES CIRCULAR CONNECTORS WITH BAYONET COUPLING, CRIMP REMOVABLE CONTACTS



**HOW TO ORDER CONNECTORS**  
Review the following example to correctly formulate the part number of your choice.

PT 00 SE - 20 - 41 P W (SR)

**CONNECTOR TYPE**  
**PT** Standard olive drab, electrically conductive cadmium plated bayonet lock connector with crimp contacts  
**MF** Standard olive drab, electrically conductive cadmium plated bayonet connector with dual mounting holes  
**SP** Electrically non-conductive, hard anodic coated bayonet lock connector with larger flange and back panel mounting holes  
**PTG** Plug with grounding fingers

**SHELL STYLE**  
**00** Wall mount receptacle  
**01** Cable receptacle  
**02** Box mount receptacle  
**06** Straight plug  
**07** Jam nut receptacle  
**08** 90 degree plug

**SERVICE CLASSES**  
**SE** Environmental crimp  
**SP** Potted type crimp

**SHELL SIZE**  
8, 10, 12, 14, 16, 18, 20, 22, 24

**INSERT DESIGNATION**  
See insert diagrams located with associated products.

**DEVIATIONS / SHELL FINISHES**  
**SR** Strain relief clamp  
 Indicate optional finishes as follows:  
**(003)** Olive drab cadmium plate (standard on PT)  
**(005)** Anodic coating - Alumilite® (standard on SP)  
**(014)** Olive drab cadmium plate over nickel  
**(023)** Electroless nickel  
**(024)** Olive drab zinc cobalt plating  
**(025)** Non-conductive black zinc cobalt plating  
**(027)** Conductive black zinc cobalt plating  
**(424)** Electroless nickel finish with strain relief  
**(466)** Olive drab zinc cobalt plating with strain relief  
**(470)** Non-conductive black zinc cobalt plating with strain relief  
**(476)** Conductive black zinc cobalt plating with strain relief

**ALTERNATE INSERT POSITIONS**  
Omit for standard position. W, X, Y or Z for alternate positions, depending on insert. See Alternate Insert Position Chart.

**CONTACT**  
P - Pin  
S - Socket

(80208)

Go online for 200,000+ datasheets.

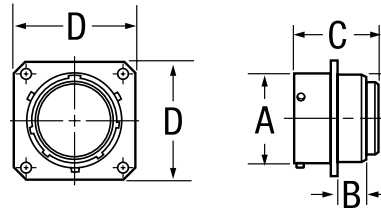
Click on this symbol in your search results. Visit us online today.



(94656)



PT-SE AND MS/PT-SE (MIL-C-26482) SERIES CRIMP-TYPE BOX MOUNT RECEPTACLES

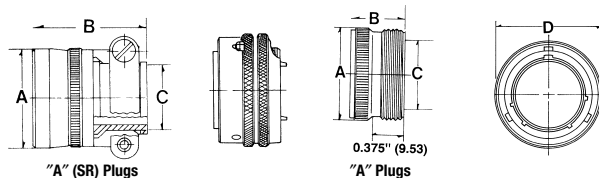


PT-SE and MS/PT-SE series crimp-type miniature box mount receptacles provide performance and versatility needed for applications demanding high-reliability and crimp removable contacts. Rear-insertable/front-release crimp contacts are held in position by an MS approved, spring tower retention system. MS/PT-SE series is qualified to MIL-C-26482, Series 1 and has all the same design characteristics and quality of the PT-SE series. Both series feature corrosion-resistant, electrically conductive cadmium-plated finish with an olive drab chromate after-treatment. Shell components are aluminum. Dependable 5-key/keyway polarization with bayonet lock coupling provides positive mating with no chance of cross-plugging. Spring tension provided by a wave washer in the coupling nut provides maintenance of interfacial seal between mating halves. Both the insert and main joint gasket are molded from resilient neoprene, providing excellent moisture sealing at the gasket and superior electrical isolation of the contact in the insert. Both pins and sockets are machined from a copper alloy and are gold-plated to eliminate contact corrosion and offer an indefinite shelf life. Socket contacts are a closed entry design. Both series feature environmental-resistant, open-wire sealing with nut and grommet for moistureproofing individual wires. PT-SE and MS/PT-SE series are intermateable and intermountable with all existing miniature cylindrical series connectors, except for the threaded coupling PC series; order separately on pages 801-802.

Mfg. Part No.	Contacts	Shell Size	Dimensions				Stock No.	Price Each
			A	B	C	D		
PT02SE-10-6P	6	10	0.590"	0.312"	1.296"	0.954"	85C4353	26.27
PT02SE-10-6S	6	10	0.590"	0.312"	1.296"	0.954"	85C4354	32.00
PT02SE12-10P	10	12	0.750"	0.312"	1.296"	1.047"	85C4355	26.58
PT02SE12-10S	10	12	0.750"	0.312"	1.296"	1.047"	85C4356	34.59
PT02SE12-3P	3	12	0.750"	0.312"	1.296"	1.047"	85C4357	24.37
PT02SE14-19P	19	14	0.875"	0.312"	1.296"	1.141"	85C4359	27.59
PT02SE16-26P	26	16	1.000"	0.312"	1.296"	1.234"	85C4360	34.28
PT02SE16-26S	26	16	1.000"	0.312"	1.296"	1.234"	85C4361	232.72
PT02SE16-8P	8	16	1.000"	0.312"	1.296"	1.234"	01C8138	47.88
PT02SE16-8S	8	16	1.000"	0.312"	1.296"	1.234"	85C4362	54.24
PT02SE20-16P	16	20	1.250"	0.406"	1.358"	1.453"	54H0169	57.50
PT02SE20-16S	16	20	1.250"	0.406"	1.358"	1.453"	54H0170	69.82
PT02SE-22-55P	55	22	1.375"	0.406"	1.358"	1.578"	85C4367	76.14
PT02SE-22-55S	55	22	1.375"	0.406"	1.358"	1.578"	85C4368	88.30

(72833)

PT06A AND PT06W SERIES (MS3116) STRAIGHT PLUGS



"A" (SR) Plugs

"A" Plugs

These miniature general-duty straight plugs have twice the number of contacts in half the space of a standard connector. Meet MIL-C-26482 specifications. Feature 5-key/keyway polarization with quick positive 3-point bayonet lock coupling system to provide positive mating without cross-plugging. Aluminum shell with corrosion-resistant, electrically conductive cadmium-plated finish with olive drab chromate after-treatment. Pin and socket solder contacts machined from low-loss copper alloy, gold-plated to eliminate corrosion. Socket contacts are closed-entry design. Molded neoprene insert and main joint gasket.

"A" GENERAL-DUTY PLUGS WITHOUT STRAIN RELIEF

Backshell is threaded for conduit attachment of MS3057 cable clamp; order separately on page 799.

Mfg. Part No.	Con-tacts	Shell Size	Dimensions				Stock No.	Price Each
			A	B	C	D		
PT06A8-4P	4	8	0.590"	1.553"	0.297"	0.750"	93F9341	11.71
PT06A8-4S	4	8	0.590"	1.553"	0.297"	0.750"	35H4741	15.74
PT06A10-6P	6	10	0.717"	1.553"	0.421"	0.859"	93F9343	10.83
PT06A10-6S	6	10	0.717"	1.553"	0.421"	0.859"	93F9344	12.33
PT06A12-3P	3	12	0.834"	1.553"	0.546"	1.031"	93F9345	16.66
PT06A12-3S	3	12	0.834"	1.553"	0.546"	1.031"	92C3689	14.28
PT06A-12-8P	8	12	0.834"	1.553"	0.546"	1.031"	35H4720	16.24
PT06A12-8S	8	12	0.834"	1.553"	0.546"	1.031"	93F9348	18.78
PT06A12-10P	10	12	0.834"	1.553"	0.546"	1.031"	93F9349	13.66
PT06A12-10S	10	12	0.834"	1.553"	0.546"	1.031"	93F9350	18.50
PT06A14-5P	5	14	0.834"	1.553"	0.546"	1.031"	93F9351	30.60
PT06A14-5S	5	14	0.834"	1.553"	0.546"	1.031"	93F9352	21.09
PT06A14-12P	12	14	0.970"	1.553"	0.663"	1.156"	01C1999	16.24
PT06A14-15P	15	14	0.970"	1.553"	0.663"	1.156"	99F6882	18.87
PT06A14-18P	18	14	0.970"	1.553"	0.663"	1.156"	35H4726	15.29
PT06A14-19P	19	14	0.970"	1.553"	0.663"	1.156"	93F9353	18.03
PT06A14-19S	19	14	0.970"	1.553"	0.663"	1.156"	93F9354	22.77

▶ CONTINUED ▶

PT06A AND PT06W SERIES (MS3116) STRAIGHT PLUGS (CONT.)

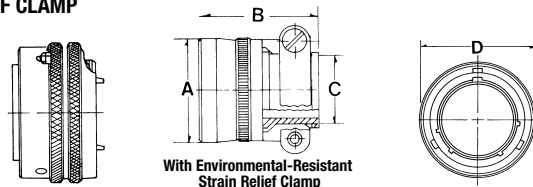
Mfg. Part No.	Con-tacts	Shell Size	Dimensions				Stock No.	Price Each
			A	B	C	D		
PT06A16-8P	8	16	1.088"	1.553"	0.787"	1.281"	93F9355	21.44
PT06A16-8S	8	16	1.088"	1.553"	0.787"	1.281"	93F9356	24.34
PT06A16-26P	26	16	1.088"	1.553"	0.787"	1.281"	93F9357	22.77
PT06A16-26S	26	16	1.088"	1.553"	0.787"	1.281"	93F9358	33.84
PT06A22-55P	55	22	1.460"	1.656"	1.135"	1.656"	93F9361	41.21

"A" (SR) GENERAL-DUTY PLUGS WITH STRAIN RELIEF  
Feature strain relief for cable or wire bundle support.

Mfg. Part No.	Con-tacts	Shell Size	Dimensions				Stock No.	Price Each
			A	B	C	D		
PT06A8-2S(SR)	2	8	0.550"	1.906"	0.240"	0.750"	35H4738	21.35
PT06A8-3S(SR)	3	8	0.550"	1.906"	0.240"	0.750"	13C2693	22.13
PT06A8-4P(SR)	4	8	0.550"	1.906"	0.240"	0.750"	09H1718	19.76
PT06A8-4S(SR)	4	8	0.550"	1.906"	0.240"	0.750"	54H0176	21.11
PT06A10-6P(SR)	6	10	0.675"	1.906"	0.302"	0.859"	35H4716	20.45
PT06A10-6S(SR)	6	10	0.675"	1.906"	0.302"	0.859"	54H0174	25.62
PT06A12-8P-SR	8	12	0.803"	1.906"	0.428"	1.013"	25C5580	23.41
PT06A12-3S(SR)	3	12	0.803"	1.906"	0.428"	1.013"	26C2969	21.13
PT06A12-3P(SR)	3	12	0.803"	1.906"	0.428"	1.013"	35H4717	20.68
PT06A12-10S(SR)	10	12	0.803"	1.906"	0.428"	1.013"	54H0175	18.99
PT06A12-10P(SR)	10	12	0.803"	1.906"	0.428"	1.013"	90B4295	14.82
PT06A14-5S(SR)	5	14	0.920"	1.906"	0.552"	1.156"	35H4731	21.72
PT06A14-12P(SR)	12	14	0.920"	1.906"	0.552"	1.156"	35H4723	14.77
PT06A14-19P(SR)	19	14	0.920"	1.906"	0.552"	1.156"	35H4728	27.15

(8207)

PT06E (MS3116) AND PT06P SERIES STRAIGHT PLUGS WITH OR WITHOUT ENVIRONMENT-RESISTANT STRAIN RELIEF CLAMP



Meet MIL-C-26482 specifications.

PLUGS WITHOUT ENVIRONMENT-RESISTANT STRAIN RELIEF CLAMP  
Feature environmental-resisting open wire seal with grommet and nut.

Mfg. Part No.	Con-tacts	Shell Size	Dimensions				Stock No.	Price Each
			A	B	C	D		
PT06E8-4S	4	8	0.550"	1.906"	...	0.750"	94C4064	17.57
PT06E12-10S	10	12	0.813"	1.266"	...	1.013"	77C5139	16.04
PT06E14-18S	18	14	0.930"	1.266"	...	1.156"	25C5795	22.57
PT06E14-19S	19	14	0.930"	1.266"	...	1.156"	35C1189	22.91

PLUGS WITH ENVIRONMENT-RESISTANT STRAIN RELIEF CLAMP

Mfg. Part No.	Con-tacts	Shell Size	Dimensions				Stock No.	Price Each
			A	B	C	D		
PT06E8-3P(SR)	3	8	0.550"	1.906"	0.240"	0.750"	85C4377	24.20
PT06E8-3S(SR)	3	8	0.550"	1.906"	0.240"	0.750"	91B8428	25.40
PT06E8-4P(SR)	4	8	0.550"	1.906"	0.240"	0.750"	95F1668	27.30
PT06E12-10S (SR)	4	8	0.550"	1.906"	0.240"	0.750"	50F7849	22.91
PT06E10-6P(SR)	6	10	0.675"	1.906"	0.302"	0.859"	95F1670	16.36
PT06E10-6S(SR)	6	10	0.675"	1.906"	0.302"	0.859"	50F7848	28.54
PT06E12-3P(SR)	3	12	0.803"	1.906"	0.428"	1.031"	95F1671	18.12
PT06E12-3S(SR)	3	12	0.803"	1.906"	0.428"	1.031"	95F1672	19.38
PT06E12-8P(SR)	8	12	0.803"	1.906"	0.428"	1.031"	54H0177	24.46
PT06E12-8S(SR)	8	12	0.803"	1.906"	0.428"	1.031"	54H0178	30.09
PT06E12-10P(SR)	10	12	0.803"	1.906"	0.428"	1.031"	95F1673	19.85
PT06E12-10S (SR)	10	12	0.803"	1.906"	0.428"	1.031"	50F7849	22.91
PT06E14-5P(SR)	5	14	0.920"	1.906"	0.552"	1.156"	95F1674	25.91
PT06E14-5S(SR)	5	14	0.920"	1.906"	0.552"	1.156"	95F1675	22.67
● PT06E-14-5S (476)	5	14	0.920"	1.906"	0.552"	1.156"	09J8984	19.51
PT06E14-12S(SR)	12	14	0.920"	1.906"	0.552"	1.156"	35H4759	21.83
PT06E14-18S(SR)	18	14	0.920"	1.906"	0.552"	1.156"	35H4761	27.42
PT06E14-19P(SR)	19	14	0.920"	1.906"	0.552"	1.156"	95F1676	22.32
PT06E14-19S (SR)	19	14	0.920"	1.906"	0.552"	1.156"	50F7850	26.30
PT06E16-8P(SR)	8	16	1.047"	2.047"	0.615"	1.281"	95F1677	32.66
PT06E16-26P(SR)	26	16	1.047"	2.047"	0.615"	1.281"	95F1679	24.85
PT06E16-26S (SR)	26	16	1.047"	2.047"	0.615"	1.281"	50F7851	31.56
PT06E18-32P(SR)	32	18	1.165"	2.078"	0.740"	1.319"	85C4373	46.41
PT06E20-16P(SR)	16	20	1.290"	2.250"	0.740"	1.531"	54H0179	45.48
PT06E20-16S(SR)	16	20	1.290"	2.250"	0.740"	1.531"	35H4776	42.27
PT06E20-41P(SR)	41	20	1.290"	2.250"	0.740"	1.531"	85C4374	170.85
PT06E20-41S(SR)	41	20	1.290"	2.250"	0.740"	1.531"	85C4375	68.79

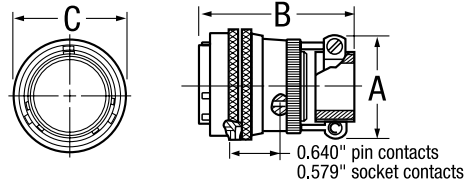
▶ CONTINUED ▶

PT06E (MS3116) AND PT06P SERIES STRAIGHT PLUGS WITH OR WITHOUT ENVIRONMENT-RESISTANT STRAIN RELIEF CLAMP (CONT.)

Mfg. Part No.	Con-tacts	Shell Size	Dimensions				Stock No.	Price Each
			A	B	C	D		
PT06E22-55P(SR)	55	22	1.418"	2.250"	0.928"	1.656"	85C4376	48.44
PT06E22-55S(SR)	55	22	1.418"	2.250"	0.928"	1.656"	19C1958	70.85

(8208)

PT-SE, MS/PT-SE (MIL-C-26482) AND PT-SP SERIES CRIMP-TYPE STRAIGHT PLUGS



3

PT-SE and MS/PT-SE series crimp-type miniature straight plugs provide performance and versatility needed for applications demanding high reliability and removable crimp contacts. Rear-insertable/front-release crimp contacts are held in position by an MS-approved spring tower retention system. MS/PT-SE series is qualified to MIL-C-26482, Series 1 and has all the same design characteristics and quality of the PT/SE series. Both series feature a corrosion-resistant, electrically conductive cadmium-plated finish with an olive drab chromate after-treatment. Shell components are aluminum. Dependable 5-key/keyway polarization with bayonet lock coupling provides positive mating with no chance of cross-plugging. Spring tension supplied by a wave washer in the coupling nut provides maintenance of interfacial seal between mating halves. Both the insert and main joint gasket are molded from resilient neoprene providing excellent moisture sealing at the gasket and superior electrical isolation of the contact in the insert. Both pins and sockets are machined from a copper alloy and are gold-plated to eliminate contact corrosion and offer an indefinite shelf life. Socket contacts are a closed-entry design. Both series feature environmental-resistant strain relief clamp and grommet for moistureproofing individual wires while providing added wire bundle support. PT-SE and MS/PT-SE series are intermateable and intermountable with all existing miniature cylindrical series connectors, order separately on pages 801-802, except for the threaded coupling PC series.

Mfg. Part No.	Contacts	Shell Size	Dimensions			Stock No.	Price Each
			A	B	C		
PT06SE10-6P(SR)	6	10	0.891"	2.413"	0.859"	85C4379	30.73
PT06SE-10-6S (SR)	6	10	0.891"	2.413"	0.859"	85C4380	26.63
PT06SE12-10S(SR)	10	12	1.016"	2.413"	1.031"	85C4382	25.63
PT06SE12-10P(SR)	10	12	1.016"	2.413"	1.031"	85C4381	34.28
PT06SE12-10S(SR)	10	12	1.016"	2.413"	1.031"	85C4382	25.63
PT06SE12-3P(SR)	3	12	1.016"	2.413"	1.031"	85C4383	22.87
PT06SE12-3S(SR)	3	12	1.016"	2.413"	1.031"	85C4384	32.07
PT06SE14-19P(SR)	19	14	1.141"	2.413"	1.156"	85C4385	35.17
PT06SE16-26P(SR)	26	16	1.203"	2.528"	1.281"	85C4386	41.54
PT06SE16-26S(SR)	26	16	1.203"	2.528"	1.281"	85C4387	41.38
PT06SE16-8P(SR)	8	16	1.203"	2.528"	1.281"	85C4388	48.64
PT06SE18-32P(SR)	32	18	1.469"	2.528"	1.391"	85C4389	62.82
PT06SE18-32S(SR)	32	18	1.469"	2.528"	1.391"	85C4390	74.46
PT06SE20-41P(SR)	41	20	1.469"	2.753"	1.531"	85C4392	72.32
PT06SE20-41S(SR)	41	20	1.469"	2.753"	1.531"	85C4393	54.84

TERMINATION TOOL  
Turret heads and other termination tools are available; go online or call.

Mfg. Part No.	Description	Stock No.	Price Each
M22520/1-01	Crimp Tool for PT-SE, SP-SE, PC-SE, MS/PT-SE Series (MIL-C-26482, Series 1) Connectors	90B3914	566.10

(72834)

Download RoHS Certificates of Compliance.



Find C of Cs in the Tech Info column on our search results pages. Visit us online today.

(94662)

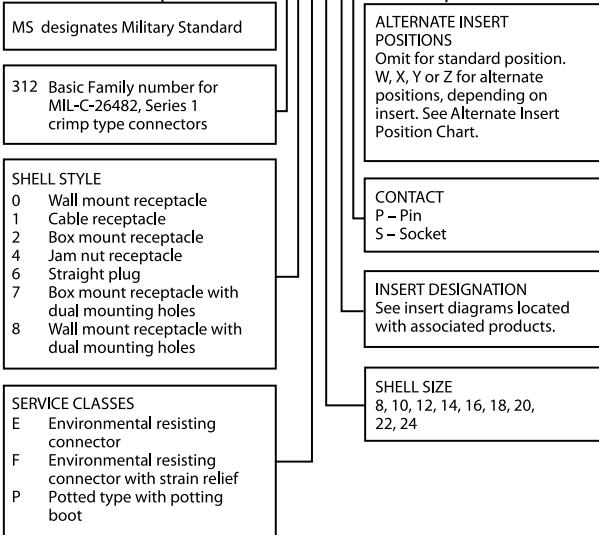
CIRCULAR CONNECTORS

ORDERING GUIDE FOR MIL-C-26482 SERIES 1  
CIRCULAR CONNECTORS WITH BAYONET  
COUPLING, CRIMP CONTACTS



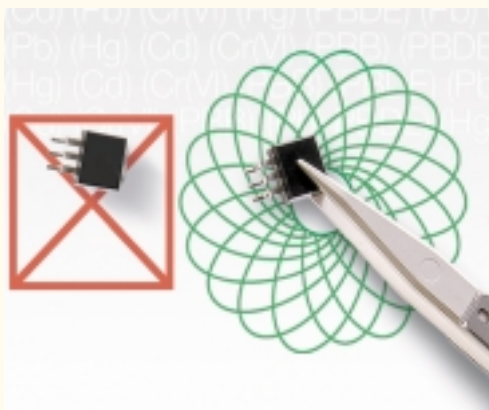
HOW TO ORDER CONNECTORS  
Review the following example to correctly formulate the part number of your choice.

MS 312 0 E 20 - 41 P W



(80209)

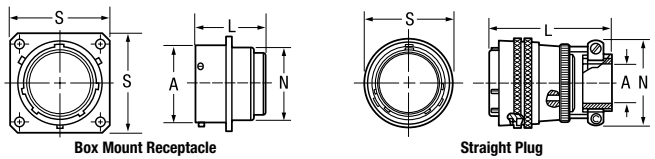
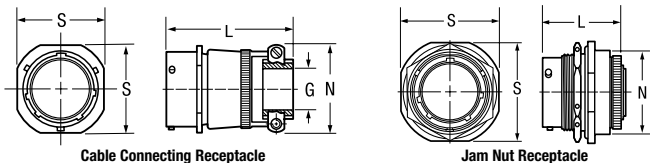
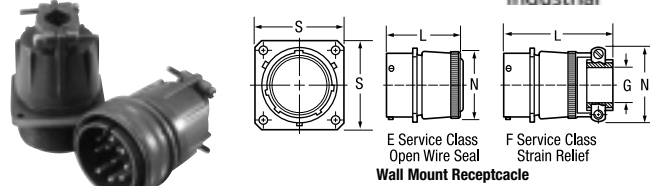
Keep up with environmental laws.



Learn about China RoHS,  
US/Canadian green laws  
and free RoHS compliance tools.  
Visit [www.newark.com/rohs](http://www.newark.com/rohs) today.

(94636)

MS/PT PROPRIETARY/MIL-C-26482, SERIES 1  
CRIMP TYPE SEALED CONNECTORS



Insert Arrangement	8-33	10-6	12-3	12-10	14-5
No. of Contacts	3	6	3	10	5
Contact Size	20	20	16	20	16

Insert Arrangement	14-12	14-15	14-18	14-19
No. of Contacts	8 4	14 1	18	19
Contact Size	20 16	20 16	20	20

Insert Arrangement	16-8	16-26	18-11	18-32
No. of Contacts	8	26	11	32
Contact Size	16	20	16	20

Insert Arrangement	20-16	20-41	22-55
No. of Contacts	16	41	55
Contact Size	16	20	20

MS/PT-SE Series 1 crimp type, miniature circular connectors are qualified to MIL-C-26482 and have all the same design characteristics and quality of the PT series. Feature aluminum shell components and corrosion-resistant, electrically-conductive cadmium plating with olive drab chromate after-treatment. Dependable 5 key/keyway polarization with bayonet lock coupling for positive mating. Spring-tension wave washer in the coupling nut provides maintenance of interfacial seal between mating halves. Molded neoprene insert and main joint gasket provides moisture sealing and electrical isolation of the contact in the insert. Pin and closed-entry socket contacts are machined from copper alloy and gold plated to eliminate corrosion. These crimp contacts are rear insertable/front release and are held in position by an MS approved spring tower retention system.

MS3120F/E SERIES WALL MOUNT RECEPTACLE — CRIMP CONTACTS

Mfg. Part No.	Contacts	Insert Arrangements	Dimensions (inches)				Stock No.	Price Each
			S	G	L	N		
MS3120F10-6P	6	10-6	0.954	0.188	2.422	0.844	34H5494	26.03
MS3120F10-6S	6	10-6	0.954	0.188	2.422	0.844	34H5495	25.97
MS3120F12-3P	3	12-3	1.047	0.312	2.422	0.969	34H5496	26.31
MS3120F14-19S	19	14-19	1.141	0.375	2.422	1.094	34H5498	31.93

▶ CONTINUED ▶



**MS/PT PROPRIETARY/MIL-C-26482, SERIES 1 CRIMP TYPE SEALED CONNECTORS (CONT.)**

Mfg. Part No.	Contacts	Insert Arrangements	Dimensions (inches)				Stock No.	Price Each
			S	G	L	N		
MS3120F20-41S	41	20-41	1.453	0.625	2.824	1.406	34H5500	65.47
MS3120E12-10P	10	12-10	1.047	...	1.328	0.825	34H5490	20.18

**MS3121F SERIES CABLE CONNECTING RECEPTACLE — CRIMP CONTACTS**

MS3121F10-6S	6	10-6	0.955	0.188	2.422	0.891	34H5501	30.99
--------------	---	------	-------	-------	-------	-------	---------	-------

**MS3124E SERIES JAM NUT RECEPTACLE — CRIMP CONTACTS**

Mfg. Part No.	Contacts	Insert Arrangements	Dimensions (inches)			Stock No.	Price Each
			S	L	N		
MS3124E14-19S	19	14-19	1.391	1.438	1.124	34H5519	49.66

**MS3122F SERIES BOX MOUNT RECEPTACLES — CRIMP CONTACTS**

Mfg. Part No.	Contacts	Insert Arrangements	Dimensions (inches)				Stock No.	Price Each
			S	A	L	N		
MS3112E8-2S	3	8-33	0.828	0.473	1.296	0.438	03J5462	12.23
MS3122E8-33P	3	8-33	0.828	0.473	1.296	0.438	85C4127	64.53
MS3122E8-33S	3	8-33	0.828	0.473	1.296	0.438	85C4128	57.23
MS3122E10-6P	6	10-6	0.954	0.590	1.296	0.562	85C4109	26.08
MS3122E10-6S	6	10-6	0.954	0.590	1.296	0.562	85C4110	29.95
MS3122E12-10P	10	12-10	1.047	0.750	1.296	0.688	85C4111	21.53
MS3122E12-10S	10	12-10	1.047	0.750	1.296	0.688	85C4112	20.79
MS3122E12-3P	3	12-3	1.047	0.750	1.296	0.688	85C4113	24.34
MS3122E12-3S	3	12-3	1.047	0.750	1.296	0.688	85C4114	32.36
MS3122E14-5P	5	14-5	1.141	0.875	1.296	0.812	34H5510	22.00
MS3122E14-12P	8/#20, 4/#16	14-12	1.141	0.875	1.296	0.812	34H5508	26.30
MS3122E14-18P	18	14-18	1.141	0.875	1.296	0.812	34H5509	27.36
MS3122E14-19P	19	14-19	1.141	0.875	1.296	0.812	85C4115	28.28
MS3122E14-19S	19	14-19	1.141	0.875	1.296	0.812	85C4116	29.24
MS3122E16-26P	26	16-26	1.234	1.000	1.296	0.938	85C4117	34.58
MS3122E16-26S	26	16-26	1.234	1.000	1.296	0.938	85C4118	34.79
MS3122E16-8P	8	16-8	1.234	1.000	1.296	0.938	85C4119	30.66
MS3122E16-8S	8	16-8	1.234	1.000	1.296	0.938	85C4120	108.61
MS3122E18-32P	32	18-32	1.328	1.125	1.296	1.062	85C4121	39.46
MS3122E18-32S	32	18-32	1.328	1.125	1.296	1.062	85C4122	66.34
MS3122E20-41P	41	20-41	1.453	1.250	1.358	1.188	85C4123	48.66
MS3122E20-41S	41	20-41	1.453	1.250	1.358	1.188	85C4124	68.14
MS3122E22-55P	55	22-55	1.578	1.375	1.358	1.312	85C4125	53.68
MS3122E22-55S	55	22-55	1.578	1.375	1.358	1.312	85C4126	55.04

**MS3126F SERIES STRAIGHT PLUGS — CRIMP CONTACTS**

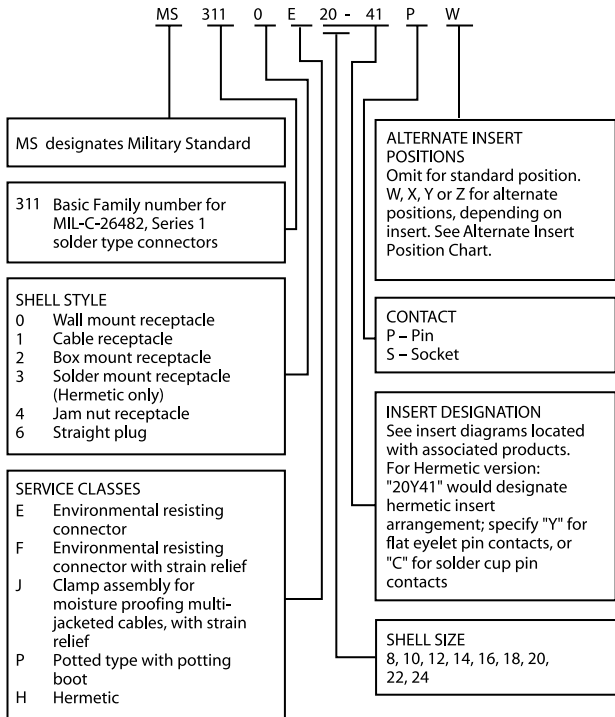
MS3126F8-33P	3	8-33	0.734	0.125	2.413	0.838	85C4147	52.45
MS3126F8-33S	3	8-33	0.734	0.125	2.413	0.838	85C4148	56.00
MS3126F10-6P	6	10-6	0.859	0.188	2.413	0.891	85C4129	26.12
MS3126F10-6S	6	10-6	0.859	0.188	2.413	0.891	85C4130	24.95
MS3126F12-10P	10	12-10	1.031	0.312	2.413	1.016	85C4131	27.81
MS3126F12-10S	10	12-10	1.031	0.312	2.413	1.016	85C4132	25.59
MS3126F12-3P	3	12-3	1.031	0.312	2.413	1.016	85C4133	24.18
MS3126F12-3S	3	12-3	1.031	0.312	2.413	1.016	85C4134	32.07
MS3126F14-5S	5	12-5	1.031	0.312	2.413	1.016	34H5533	35.54
MS3126F14-12S	8/#20, 4/#16	14-12	1.156	0.375	2.413	1.141	34H5528	37.58
MS3126F14-15S	14/#20, 1/#16	14-15	1.156	0.375	2.413	1.141	34H5530	36.07
MS3126F14-5S	18	14-18	1.156	0.375	2.413	1.141	34H5533	35.54
MS3126F14-19P	19	14-19	1.156	0.375	2.413	1.141	85C4135	35.28
MS3126F14-19S	19	14-19	1.156	0.375	2.413	1.141	85C4136	33.54
MS3126F16-26P	26	16-26	1.281	0.500	2.528	1.203	85C4137	41.60
MS3126F16-26S	26	16-26	1.281	0.500	2.528	1.203	85C4138	41.35
MS3126F16-8P	8	16-8	1.281	0.500	2.528	1.203	85C4139	32.75
MS3126F16-8S	8	16-8	1.281	0.500	2.528	1.203	85C4140	45.31
MS3126F18-11S	11	18-11	1.391	0.625	2.528	1.469	34H5535	57.59
MS3126F18-32P	32	18-32	1.391	0.625	2.528	1.469	85C4141	50.80
MS3126F18-32S	32	18-32	1.391	0.625	2.528	1.469	85C4142	51.37
MS3126F20-16S	16	20-16	1.531	0.625	2.753	1.469	34H5536	63.84
MS3126F20-41P	41	20-41	1.531	0.625	2.753	1.469	85C4143	63.77
MS3126F20-41S	41	20-41	1.531	0.625	2.753	1.469	85C4144	54.96
MS3126F22-55P	55	22-55	1.656	0.750	2.753	1.656	85C4145	59.65
MS3126F22-55S	55	22-55	1.656	0.750	2.753	1.656	85C4146	61.04
MS3126F24-61S	61	24-61	1.777	0.800	2.830	1.750	34H5538	75.95

(72836)

**ORDERING GUIDE FOR MIL-C-26482, SERIES 1 CIRCULAR CONNECTORS WITH BAYONET COUPLING, SOLDER CONTACTS**



HOW TO ORDER CONNECTORS  
Review the following example to correctly formulate the part number of your choice.



(80207)

Online today. On your desk tomorrow.



SEARCH



FIND



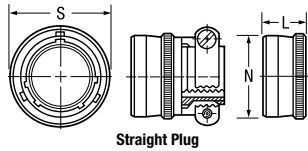
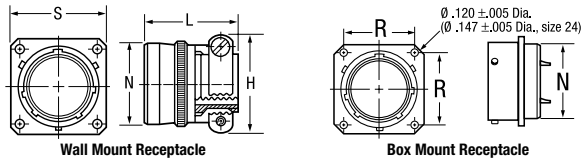
BUY

- Best products, great value.
  - No minimum order fees, no hassles.
- Visit us online today.

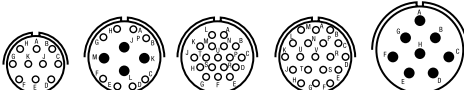
(94641)

CIRCULAR CONNECTORS

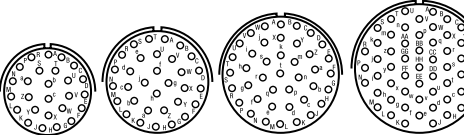
MS/PT PROPRIETARY/MIL-C-26482, SERIES 1  
SOLDER TYPE SEALED CONNECTORS



Insert Arrangement  
Number of Contacts  
Contact Size



Insert Arrangement  
Number of Contacts  
Contact Size



Insert Arrangement  
Number of Contacts  
Contact Size

Insert Arrangements

Solder contact miniature cylindrical connectors meet the most critical application needs. Design versatility combined with high-reliability performance makes these series of miniature cylindrical connectors ideal for environmental sealing or pressurized applications. **MS/PT series** is qualified to MIL-C-26482, Series 1 and has all the outstanding design characteristics and quality of the **PT series** connectors; *order separately on pages 803-804, on pages 804-805 and on page 805.* Features a corrosion-resistant electrically-conductive cadmium plate finish with an olive drab chromate after-treatment. Shell components are aluminum. Dependable 5 key/keyway polarization with bayonet lock coupling provides positive mating with no chance of cross plugging. Spring tension provided by a wave washer in the coupling nut provides maintenance of interfacial seal between mating halves. Both the insert and main joint gasket are molded from resilient neoprene providing excellent moisture sealing at the gasket and superior electrical isolation of the contact in the insert. Both pins and sockets are machined from a copper alloy and are gold-plated to eliminate contact corrosion and offer an indefinite shelf life. Socket contacts are a closed entry design. Intermateable and intermountable with all existing miniature cylindrical series connectors except for the threaded coupling **PC series**. **NOTE:** The MS/PT miniature connectors are available in 2 Certified Service Classes: "E" Class environmental-resistant version supplied with a multihole grommet and clamping nut for moistureproofing individual open wires, and "F" Class version which is supplied with grommet seal and strain relief clamp.

**MS3110F SERIES WALL MOUNT RECEPTACLES — SOLDER CONTACTS**

Certified "F" Service Class: environmental-resistant strain relief clamp and grommet for moistureproofing individual wires and providing added wire bundle support.

Mfg. Part No.	Contacts	Insert Arrangements	Dimensions (inches)				Stock No.	Price Each	
			S	H	L	N		1-24	
MS3110F10-6P	6	10-6	0.938	0.875	1.922	0.675	34H5418	26.29	
MS3110F10-6S	6	10-6	0.938	0.875	1.922	0.675	34H5419	28.32	

**MS3112E SERIES BOX MOUNT RECEPTACLES — SOLDER CONTACTS**

Certified "E" Service Class: open-wire sealing, environmental-resisting connectors are supplied with a multihole grommet and clamping nut for moistureproofing individual open wires.

Mfg. Part No.	Contacts	Insert Arrangements	Dimensions (inches)		Stock No.	Price Each	
			R	N		1-24	
MS3112E8-2P	2	8-2	0.594	0.449	34H5445	8.90	
MS3112E8-3P	3	8-3	0.594	0.449	85C4083	7.37	
MS3112E8-3S	3	8-3	0.594	0.449	85C4084	9.91	
MS3112E8-2S	2	8-2	0.594	0.449	03J5462	12.23	
MS3112E8-4P	4	8-4	0.594	0.449	85C4085	8.04	
MS3112E10-6P	6	10-6	0.719	0.573	85C4065	8.49	
MS3112E10-6S	6	10-6	0.719	0.573	85C4066	9.80	
MS3112E12-10P	10	12-10	0.812	0.699	85C4067	10.04	
MS3112E12-10S	10	12-10	0.812	0.699	85C4068	18.96	
MS3112E12-3P	3	12-3	0.812	0.699	85C4069	8.63	
MS3112E12-3S	3	12-3	0.812	0.699	85C4070	10.74	
MS3112E14-12P	8/#20, 4/#16	14-12	0.594	0.449	34H5432	15.39	
MS3112E14-18P	18	14-18	0.906	0.823	34H5435	19.07	

➤ CONTINUED ➤

MS/PT PROPRIETARY/MIL-C-26482, SERIES 1 SOLDER TYPE SEALED  
CONNECTORS (CONT.)

Mfg. Part No.	Contacts	Insert Arrangements	Dimensions (inches)		Stock No.	Price Each	
			R	N		1-24	
MS3112E14-19P	19	14-19	0.906	0.823	85C4071	14.86	
MS3112E14-19S	19	14-19	0.906	0.823	85C4072	19.91	
MS3112E16-26P	26	16-26	0.969	0.949	85C4073	17.81	
MS3112E16-26S	26	16-26	0.969	0.949	85C4074	77.03	
MS3112E16-8P	8	16-8	0.969	0.949	85C4075	18.96	
MS3112E16-8S	8	16-8	0.969	0.949	85C4076	19.59	
MS3112E18-32P	32	18-32	1.062	1.073	85C4077	29.52	
MS3112E18-32S	32	18-32	1.062	1.073	85C4078	26.89	
MS3112E20-41P	41	20-41	1.156	1.199	85C4079	117.77	
MS3112E20-41S	41	20-41	1.156	1.199	85C4080	45.66	
MS3112E22-55P	55	22-55	1.120	1.323	85C4081	28.50	
MS3112E22-55S	55	22-55	1.120	1.323	85C4082	62.05	

**MS3116E SERIES STRAIGHT PLUGS — SOLDER CONTACTS**

Certified "E" Service Class: open-wire sealing, environmental-resisting connectors are supplied with a multihole grommet and clamping nut for moistureproofing individual open wires.

Mfg. Part No.	Contacts	Insert Arrangements	Dimensions (inches)			Stock No.	Price Each	
			S	L	N		1-24	
MS3116E8-2S	2	8-2	0.750	1.266	0.560	34H5472	13.14	
MS3116E8-3P	3	8-3	0.750	1.266	0.560	34H5473	14.51	
MS3116E8-3S	3	8-3	0.750	1.266	0.560	34H5474	13.45	
MS3116E8-4S	4	8-4	0.750	1.266	0.560	34H5476	13.94	
MS3116E8-4SW	4	8-4	0.750	1.266	0.560	09J9051	13.26	
MS3116E10-6S	6	10-6	0.859	1.266	0.685	34H5456	15.35	

**MS3116F SERIES STRAIGHT PLUGS — SOLDER CONTACTS**

Certified "F" Service Class: environmental-resistant strain relief clamp and grommet for moistureproofing individual wires and providing added wire bundle support.

Mfg. Part No.	Contacts	Insert Arrangements	Dimensions (inches)			Stock No.	Price Each	
			S	L	N		1-24	
MS3116F8-3P	3	8-3	0.750	1.906	0.550	85C4105	20.51	
MS3116F8-3S	3	8-3	0.750	1.906	0.550	85C4106	17.85	
MS3116F8-4P	4	8-4	0.750	1.906	0.550	85C4107	17.27	
MS3116F8-4S	4	8-4	0.750	1.906	0.550	85C4108	19.43	
MS3116F10-6P	6	10-6	0.859	1.906	0.675	85C4087	15.98	
MS3116F10-6S	6	10-6	0.859	1.906	0.675	85C4088	17.13	
MS3116F12-10P	10	12-10	1.013	1.906	0.803	85C4089	20.65	
MS3116F12-10S	10	12-10	1.013	1.906	0.803	85C4090	21.34	
MS3116F12-3P	3	12-3	1.013	1.906	0.803	85C4091	18.14	
MS3116F12-3S	3	12-3	1.013	1.906	0.803	85C4092	21.76	
MS3116F14-12S	8/#20, 4/#16	14-12	1.156	1.906	0.920	34H5478	28.94	
MS3116F14-18S	18	14-18	1.156	1.906	0.920	26H1473	34.02	
MS3116F14-19P	19	14-19	1.156	1.906	0.920	85C4093	23.45	
MS3116F14-19S	19	14-19	1.156	1.906	0.920	85C4094	35.81	
MS3116F16-26P	26	16-26	1.281	2.047	1.047	85C4095	31.63	
MS3116F16-26S	26	16-26	1.281	2.047	1.047	85C4096	36.09	
MS3116F16-8P	8	16-8	1.281	2.047	1.047	85C4097	25.03	
MS3116F16-8S	8	16-8	1.281	2.047	1.047	85C4098	32.15	
MS3116F18-32P	32	18-32	1.319	2.078	1.165	85C4099	44.50	
MS3116F18-32S	32	18-32	1.319	2.078	1.165	85C4100	51.02	
MS3116F20-41P	41	20-41	1.531	2.250	1.290	85C4101	49.39	
MS3116F20-41S	41	20-41	1.531	2.250	1.290	85C4102	54.03	
MS3116F22-55P	55	22-55	1.656	2.250	1.418	85C4103	64.55	
MS3116F22-55S	55	22-55	1.656	2.250	1.418	85C4104	69.22	

(75632)

Find application notes—fast.

(94645)

Visit our information-rich portal designed for engineers & techs at [www.newark.com/edworld](http://www.newark.com/edworld)

CIRCULAR CONNECTORS

**44 SERIES ENVIRONMENTALLY-SEALED CONNECTORS**



**Amphenol**  
Amphenol-Tuchel Electronics GmbH



Insert Configurations (Max. Dia. Shown)

- IP65 Rated (Water-Resistant)
- Dust-Tight, Protected Against Jets From Any Directions

**44 series** high-performance environmentally-sealed connectors feature a resilient, 1-piece design incorporating crimp Poke-Home® contacts, *ordered separately below*, in six insert configurations. Primary and secondary mating seals and discrete wire seals resist liquids (for 14, 16 and 18 AWG; overall wire insulation diameter: 0.080" to 0.130" [2.03mm to 3.30mm]). Santoprene thermoplastic rubber housing. Ideal for auto/truck, marine, industrial, traffic control, security, and mining ventilation systems. Voltage rating: 250VACrms. Current rating: 8A continuous. Temperature range: -40°C to +125°C. *Order tooling separately below.*

**PLUGS**

Mfg. Part No.	Positions	Stock No.	Price Each		
			1-4	5-9	10-24
● 044-103-10002	2	61F1715	1.96	1.79	1.50
● 044-103-10003	3	61F1741	2.15	1.97	1.65
● 044-103-10004	4	61F1726	3.47	3.19	2.67
● 044-103-10005	5	61F1745	2.15	1.97	1.65
● 044-103-10006	6	61F1712	3.59	3.30	2.76

**RECEPTACLES**

● 044-104-10002-02	2	61F1700	2.66	2.44	2.04
● 044-104-10003-02	3	61F1706	3.14	2.88	2.41
● 044-104-10004-02	4	61F1710	3.28	3.01	2.52
● 044-104-10005-02	5	61F1730	2.70	2.48	2.08
● 044-104-10006-02	6	61F1749	3.84	3.52	2.95

**POKE-HOME® CONTACTS — SOLD IN PACKAGES OF 100 AND 1000**

Mfg. Part No.	Description	Pkg.	Stock No.	Price per Package		
				1-4	5-9	10-24
● 044-100-1414P-100-101	Pin	100	61F1733	43.30	36.40	32.26
● 044-102-1414S-100-101	Socket	100	61F1718	102.19	85.90	76.13
● 44-100-1414P-1000	Pin	1000	38F918	181.98	157.36	147.69
● 044-102-1414S-1000-101	Socket	1000	38F919	413.49	357.56	335.58

**HAND TOOLS**

Mfg. Part No.	Description	Stock No.	Price Each
357-588	Full-Cycle Crimp Tool	61F1702	200.22
356-258	Pin/Socket Contact Insertion Tool	61F1703	108.45
356-260	Socket Contact Removal Tool	61F1724	122.49
356-259	Pin Contact Removal Tool	61F1754	97.62

(8349)



Plug



Receptacle

**AMPHE-LITE ENVIRONMENTALLY-RESISTANT CYLINDRICAL CONNECTORS**

**Amphenol**  
Industrial



- Commercial 38999-type, Series III type Composite Connectors
- Service Class F Provides EMI Shielding and Grounding
- Composite Shells Resist Severe Corrosion
- Easily Mates in One 360° Turn of the Coupling Nut
- Acme Threads Provide Coupling Durability
- Recessed Pins Minimize Potential Contact Damage
- Rigid Dielectric Insert Protects Contacts

Designed for communications equipment manufacturers with signal or power interconnection requirements in harsh environments, such as communication towers, outdoor and roof-top applications. These commercial 38999-type, Series III composite connectors provide an economical interconnection solution for a wide variety of harsh environment commercial/industrial/medical applications.

**WALL MOUNT RECEPTACLES**

Mfg. Part No.	No. of Contacts	Amps	Stock No.	Price Each	
				1-9	10-24
AL00F9-35P	6	5	34C9252	41.51	34.25
AL00F11-35P	13	5	34C9246	43.87	36.20
AL00F13-35P	22	5	34C9247	47.95	39.57
AL00F15-35P	37	5	39C2808	53.09	43.81
AL00F19-35P	66	5	39C2809	27.11	22.37
AL00F23-35P	100	5	34C9251	80.58	66.49

**JAM NUT RECEPTACLES**

AL07F9-35P	6	5	34C9272	44.73	36.91
AL07F11-35P	13	5	34C9264	16.46	13.58
AL07F13-35P	22	5	34C9265	32.60	32.60
AL07F15-35P	37	5	34C9267	40.78	33.65
AL07F19-35P	66	5	34C9269	73.79	60.89
AL07F23-35P	100	5	34C9271	101.46	83.72

**STRAIGHT PLUGS**

AL06F9-35S	6	5	34C9262	50.73	41.86
AL06F11-35S	13	5	34C9255	38.42	31.70
AL06F13-35S	22	5	34C9256	40.45	33.38
AL06F15-35S	37	5	39C2810	34.87	28.77
AL06F19-35S	66	5	34C9259	92.24	76.11
AL06F23-35S	100	5	34C9261	31.21	25.75

(68747)



(94654)

**Best products, great value. NO MINIMUM ORDER FEES**

We offer the broadest in-stock selection PLUS access to millions more products online. Visit us online or call us today.

Online today. On your desk tomorrow.



CIRCULAR CONNECTORS

D38999 Family Features and Benefits							
Series	Profile	Coupling	Temp	Mating Life	Contact plating	EMI Shielding	Safety feature
Series I	Miniature	3 point bayonet	-65°C – 200°C	500 cycles min	50 microinches gold	Min attenuation 50db, plugs have grounding finger barrels	100% scoop-proof
Series II	Miniature, Low Profile	3 point bayonet	-65°C – 200°C	500 cycles min	50 microinches gold	Min attenuation 45db*	
Series II	Miniature	Tri-Start threaded, self locking	-65°C – 200°C	500 cycles min	50 microinches gold	Min attenuation 50db, plugs have grounding finger barrels	100% scoop-proof

\*Plug can be ordered with grounding fingers to improve shielding properties

Ordering Guide for D38999 Series I

**COMMERCIAL**  
**MILITARY**

**LJT00R**  
**MS27466**

**E**  
**E**

**25**  
**25**

**—**  
**B**

**35**  
**35**

**P**  
**P**

**N**  
**N**

**(014)**  
**(014)**

Shell type		
Commercial	Military	Description
LJT00R	MS27466	Wall Mount Receptacle
LJTP00R	MS27656	Wall Mount Receptacle (Rear Mounting)
LJT02R	MS27496	Box Mount Receptacle
LJTP02R	MS27505	Box Mount Receptacle (Rear Mounting)
LJT06R	MS27467	Straight Cable Plug
LJT07R	MS27468	Jam Nut Receptacle
LJT00Y	MS27469	Wall Mount Receptacle (Hermetic/Solder)
LJT07Y	MS27470	Jam Nut Receptacle (Hermetic/Solder)
LJT1Y	MS27471	Solder Mount Receptacle (Hermetic/Solder)

Service Class		
Commercial	Military	Description
E	E	For environmental Crimp Applications
P	P	Potting Boot (Supplied with spacer grommet)
GF	N/A	Electroless Nickel Plated Ground Plane Aluminum (200°C)
GW	N/A	Olive Drab Cadmium Plating Ground Plane Aluminum (175°C)
T	T	Environmental Applications. Supplied without rear accessories.

Military Finish Variation		
Standard	Code	Material
Standard	A	Cadmium over Nickel (150°C)
Standard	B	Olive Drab Cadmium over Nickel (175°C)
Standard	F	Electroless Nickel (200°C)
Special	C	Anodic (non-conductive) (200°C)

Insert Number (consists of) Configuration	
Shell Size	Code Numbers are listed under each diagram in the Insert Chart
9, 11, 13, 15, 17, 19, 21, 23, 25	
Example: Commercial	25 – 35
Military	25B35

Keying		
N-Normal A,B,C or D		
Both mating connectors must be of the same keying.		

Finish Suffix	Finish	Finish + (SR) Suffix
Blank	Cadmium plated nickel base (150°C)	(SR)
(014)	Olive Drab Cadmium plate nickel base (175°C)	(SR)
(023)	Electroless Nickel (200°C)	(424)
(005)	Anodic Coating (Alumilite) (200°C)	(300)
(011)	Chromate treated (Iridite 14-2)	(344)

Contact		
P – Pin		
S – Socket		

SR=Strain Relief

Ordering Guide for D38999 Series III

**COMMERCIAL/COMPOSITE**  
**MILITARY**

**TVP06**  
**CVP06**  
**D38999/26**

**RW**  
**W**

**25-35**  
**J35**

**P**  
**P**

**N**  
**N**

Shell type			
Composite	Commercial	Military	Description
CTVP00R	TVP00R	D38999/20	Wall Mount Receptacle
CTV06R	TVP06R	D38999/26	Straight Cable plug
CTV07R	TVP07R	D38999/24	Jam Nut Receptacle

Shell Finish			
Commercial/Composite	Military		
Standard	RF	F	Electroless Nickel Plated Aluminum, for EMI shielding (48 Hrs. Salt Spray 200°C)
Standard	RW	W	Corrosion Resistant Olive Drab Cadmium Plating Aluminum (500 Hrs. Salt Spray 175°C)
Special	RGW	N/A	Olive Drab Cadmium Plate Ground Plane Aluminum (175°C)
Special	RGF	N/A	Electroless Nickel plated Ground Plane Aluminum (200°C)
Standard	RK	K	Corrosion Resistant Stainless Steel, (Firewall, EMI) (500 Hrs. Salt Spray 200°C)
Special	RS	S	Nickel Plated Stainless Steel, EMI, (500 Hrs. salt spray 200°C) (Non-Hermetic)
Standard	RW	J	Olive Drab Cadmium Composite, (175°C) (2000 Hrs. Dynamic Salt Spray)
Standard	RF	M	Electroless Nickel Plate Composite, (200°C) (2000 Hrs. Dynamic Salt Spray)
Special	RGF	N/A	Electroless Nickel Plated Ground Plane Composite, (200°C)
Special	RGW	N/A	Olive Drab Cadmium Plated Ground Plane Composite, (175°C)

Insert Number (consists of) Configuration	
Commercial/Composite #	Code Numbers are listed under each diagram in the Insert Chart
Military – Letter	
9 'A', 11 'B', 13 'C', 15 'D', 17 'E', 19 'F', 21 'G', 23 'H', 25 'J'	

Contact	
P – Pin	
S – Socket	
A – Less Pin	
B – Less Socket	
Composite Only	
H – Pin (1500 Cycle)	
J – Socket (1500 Cycle)	

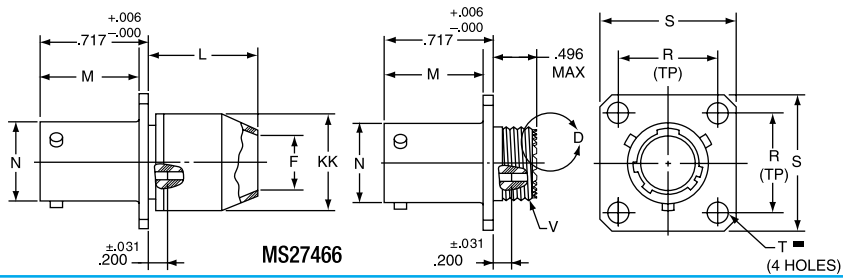
Keying	
N – Normal	A, B, C, D, or E
Both mating connectors must be of the same keying.	

(94553)

D38999 Series I



LJT00R Special MS27466



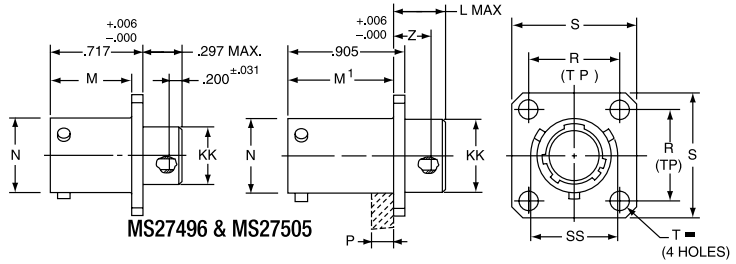
MS27466



LJT02R Special MS27496



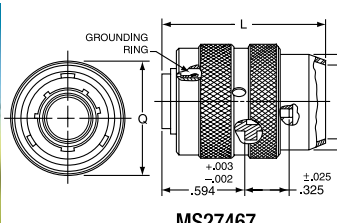
LJT02R Special MS27505



MS27496 & MS27505



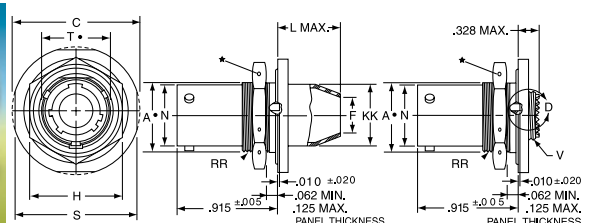
LJT06R Std. MS27467



MS27467



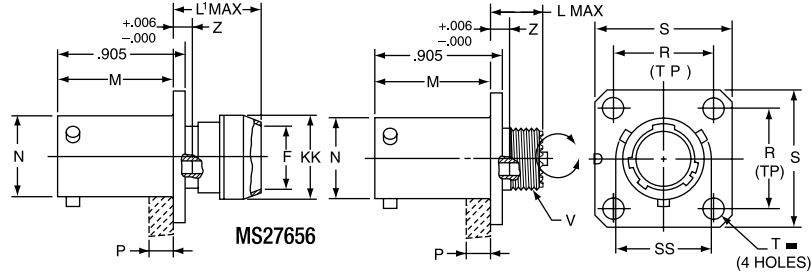
LJT07R Std. MS27468



MS27468



LJTQP00R Std. MS27656

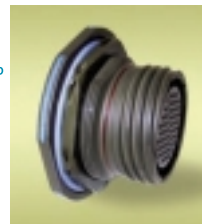
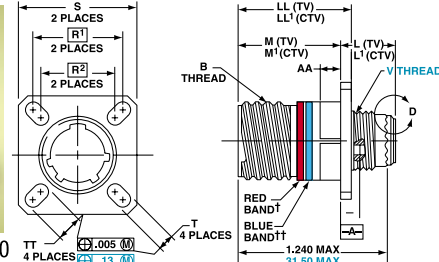


MS27656

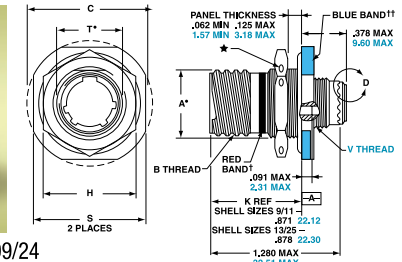
D38999 Series III



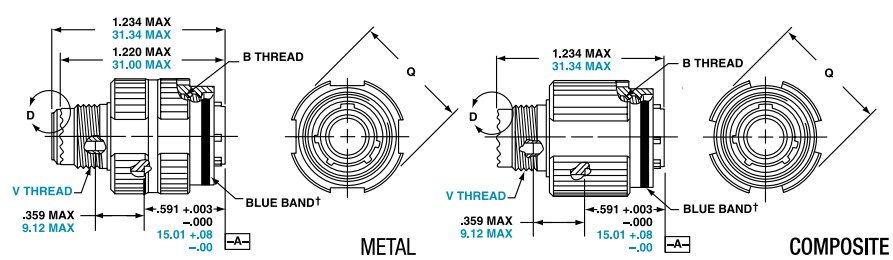
TVP00 CTVP00 D38999/20



TV07R CTV07R D38999/24



TV06R CTV06R D38999/26



METAL

COMPOSITE

(94554)

CIRCULAR CONNECTORS

3

D38999 Series I and III					
3 Contacts	6 Contacts (Cont.)	13 Contacts (Cont.)	29 Contacts	55 Contacts	85 Contacts
A 9-98 3#20	B 11-98 6#20	B 11-35 13#22D	J 25-29 29#16	E 17-35 55#22D	23-2 85#22 Series I only
4 Contacts	7 Contacts	15 Contacts	32 Contacts	56 Contacts	100 Contacts
9-44 4#22 Series I only	B 11-99 7#20	D 15-15 14#20, 1#16	F 19-32 32#20	J 25-4 48#20, 8#16	23-1 100#22M Series I only
5 Contacts	8 Contacts	16 Contacts	37 Contacts	61 Contacts	100 Contacts
C 13-4 4#16	C 13-8 8#20	G 21-16 16#16	D 15-35 37#22D	J 25-61 61#20	H 23-35 100#22D
5 Contacts	10 Contacts	21 Contacts	39 Contacts	66 Contacts	100 Contacts
B 11-5 5#20	E 17-8 8#16	D 15-18 18#20	15-37 37#22M Series I only	F 19-35 66#22D	25-2 100#22 Series I only
6 Contacts	11 Contacts	22 Contacts	41 Contacts	79 Contacts	128 Contacts
9-6 6#22M Series I only	F 19-11 11#16	C 13-35 22#22D	G 21-41 41#20	21-1 79#22M Series I only	J 25-35 128#22D
6 Contacts	13 Contacts	24 Contacts	53 Contacts	79 Contacts	128 Contacts
A 9-35 6#22D	11-13 13#22M Series I only	J 25-24 12#16, 12#12	H 23-53 53#20	G 21-35 79#22D	J 25-35 128#22D

(9455)



Ordering Guide for D38999 Series II

<b>COMMERCIAL</b>	<b>JT00R</b>	<b>E</b>	<b>24</b>	<b>-</b>	<b>35</b>	<b>P</b>	<b>N</b>	<b>(014)</b>
<b>MILITARY</b>	<b>MS27472</b>	<b>E</b>	<b>24</b>	<b>B</b>	<b>35</b>	<b>P</b>	<b>N</b>	

Shell type		
Commercial	Military	Description
JT00R	MS27472	Wall Mount Receptacle
JTPQ00R	MS27497	Wall Mount Receptacle (Rear Mounting)
JT02R	MS27499	Box Mount Receptacle
JTP02R	MS27508	Box Mount Receptacle (Rear Mounting)
JTG06R	MS27484	Straight Cable Plug (With Grounding Fingers)
JT06R	MS27473	Straight Cable Plug
JT08R	MS27500	90° Plug
JT07R	MS27474	Jam Nut Receptacle
JTL07R	N/A	Jam Nut Receptacle (Miniature Mounting Dim)
JT00Y	MS27475	Wall Mount Receptacle (Hermetic)
JT07Y	MS27477	Jam Nut Receptacle (Hermetic)
JT1Y	MS27478	Solder Mount Receptacle (Hermetic)

Military Finish Variation		
Standard	Code	Finish
Standard	A	Cadmium over Nickel (150°C)
Standard	B	Olive Drab Cadmium over Nickel (175°C)
Standard	F	Electroless Nickel (200°C)
Special	C	Anodic (non-conductive) (200°C)

Insert Number (consists of)	
Shell Size	Configuration
8, 10, 12, 14, 16, 18, 20, 22, 24	Code Numbers are listed under each diagram in the Insert Chart
Example: Commercial	24 - 25
Military	24B35

Service Class		
Commercial	Military	Description
E	E	For environmental Crimp Applications
P	P	Potting Boot (Supplied with spacer grommet)
GF	N/A	Electroless Nickel Plated Ground Plane Aluminum (200°C)
GW	N/A	Olive Drab Cadmium Plating Ground Plane Aluminum (175°C)
T	T	Environmental Applications. Supplied without rear accessories.

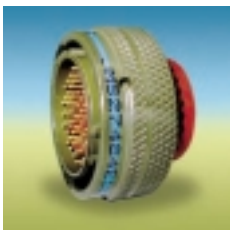
  

Keying		
Contact	N-Normal A,B,C or D	
P - Pin	Both mating connectors must be of the same keying.	
S - Socket		

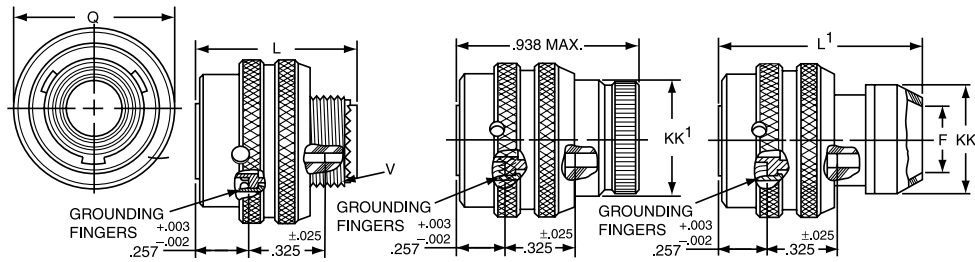
  

Finish Suffix	Finish	Finish + (SR) Suffix
Blank	Cadmium plated nickel base (150°C)	(SR)
(014)	Olive Drab Cadmium plate nickel base (175°C)	(SR)
(023)	Electroless Nickel (200°C)	(424)
(005)	Anodic Coating (Alumite) (200°C)	(300)
(011)	Chromate treated (Iridite 14-2)	(344)

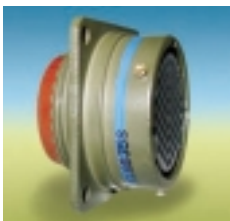
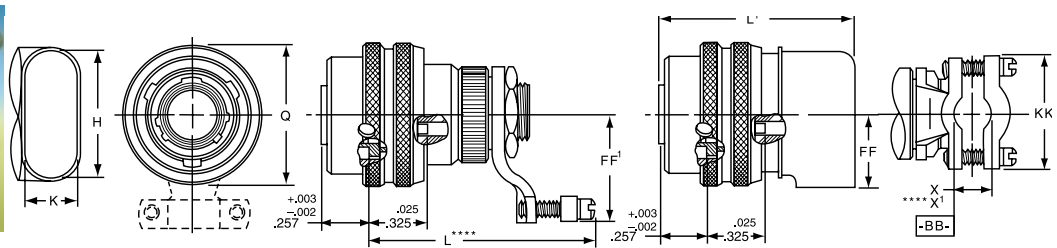
SR=Strain Relief



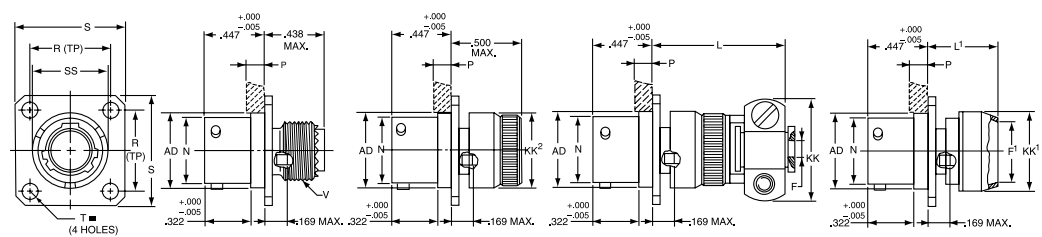
JTG06R MS27484



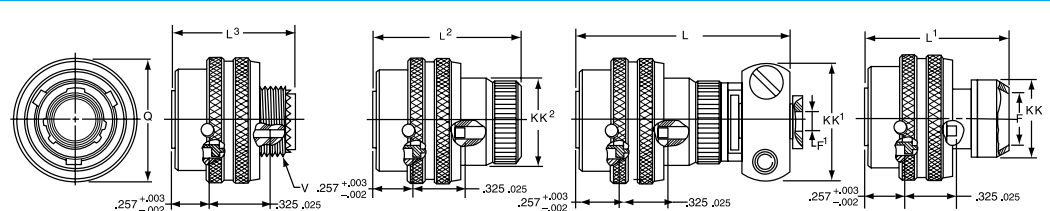
JT08R MS27500



JTPQ00R MS27497

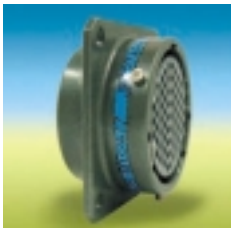


JT06R MS27473

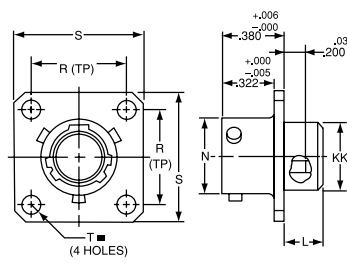


(94556)

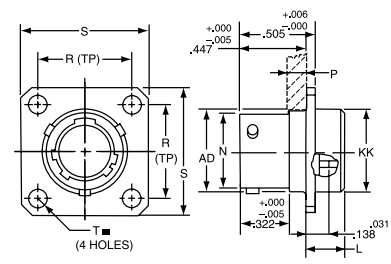
CIRCULAR CONNECTORS



JT02R MS27499



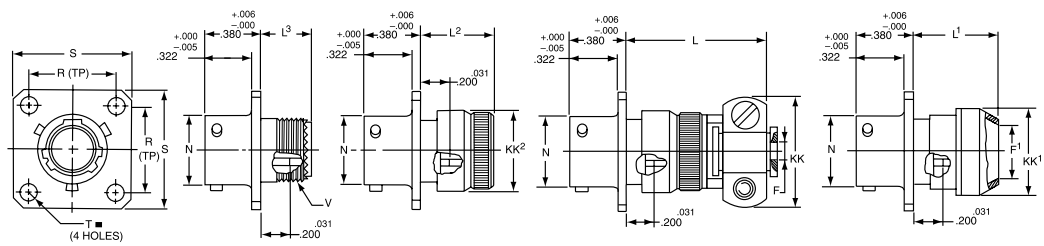
JTP02R MS27508



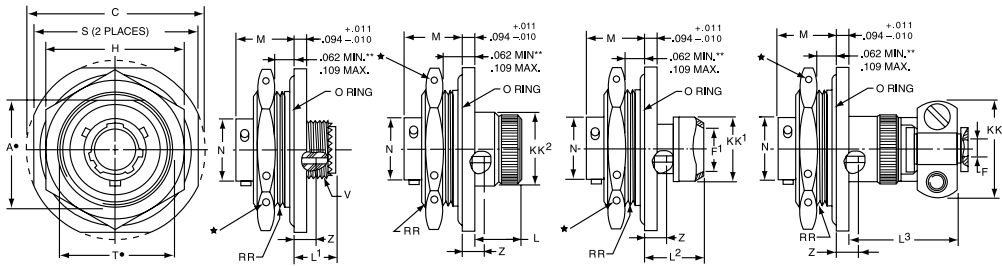
3



JT00R MS27472



JT07R MS27474

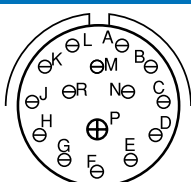
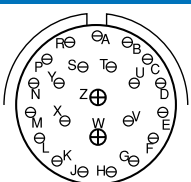
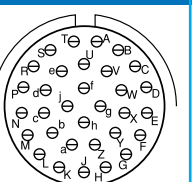
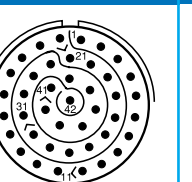
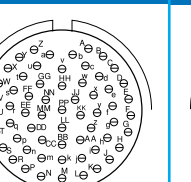
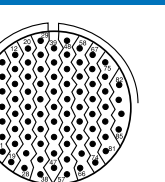
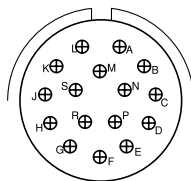
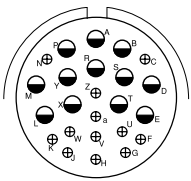
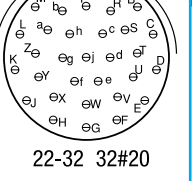
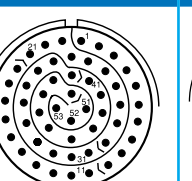
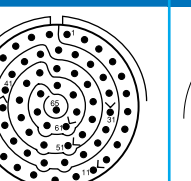
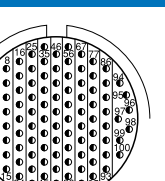
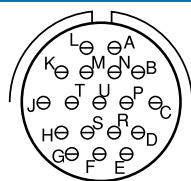
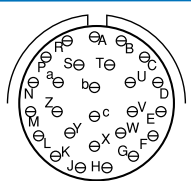
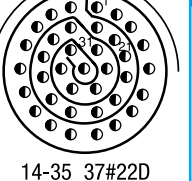
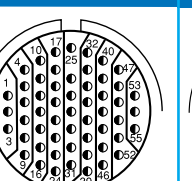
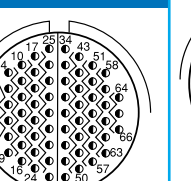
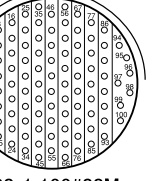
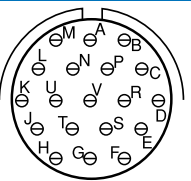
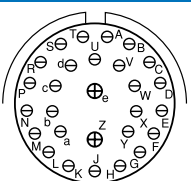
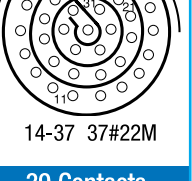
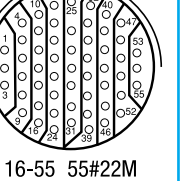
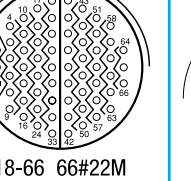
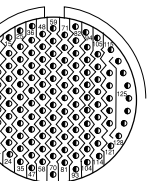
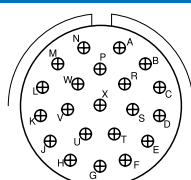
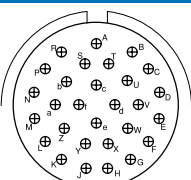
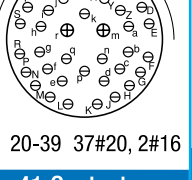
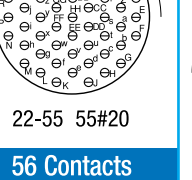
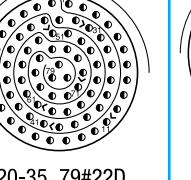
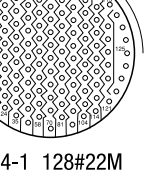
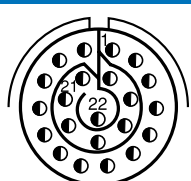
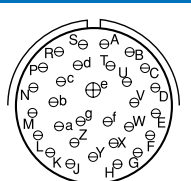
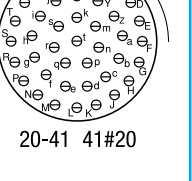
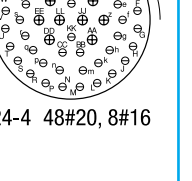
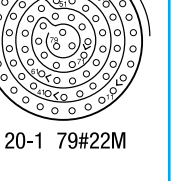


D38999 Series II

3 Contacts	5 Contacts	6 Contacts (Cont.)	7 Contacts	8 Contacts (Cont.)	12 Contacts
8-98 3#20	10-5 5#20	8-35 6#22D	10-99 7#20	16-8 8#16	14-97 8#20, 4#16
12-3 3#16	14-5 5#16	10-98 6#20	12-8 8#20	12-98 10#20	10-35 13#22D
12-4 4#16	8-6 6#22M	16-6 6#12	14-68 8#16 Commercial Only	18-11 11#16	10-13 13#22M

(94557)

D38999 Series II, continued

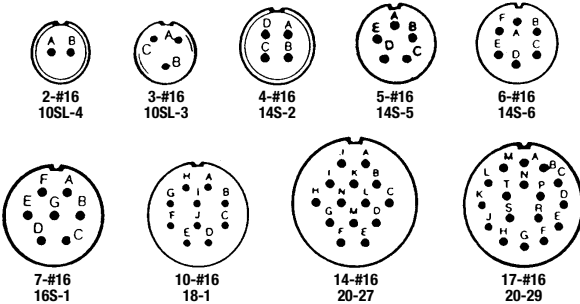
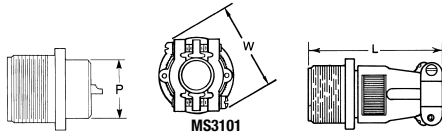
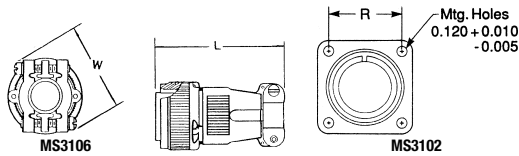
<p><b>15 Contacts</b></p>  <p>14-15 14#20, 1#16</p>	<p><b>23 Contacts</b></p>  <p>16-99 21#20, 2#16</p>	<p><b>32 Contacts</b></p>  <p>18-32 32#20</p>	<p><b>42 Contacts</b></p>  <p>16-42 42#22</p>	<p><b>61 Contacts</b></p>  <p>24-61 61#20</p>	<p><b>85 Contacts</b></p>  <p>22-2 85#22</p>
<p><b>16 Contacts</b></p>  <p>20-16 16#16</p>	<p><b>24 Contacts</b></p>  <p>24-24 12#16, 12#12</p>	<p><b>37 Contacts</b></p>  <p>22-32 32#20</p>	<p><b>53 Contacts</b></p>  <p>18-53 53#22</p>	<p><b>65 Contacts</b></p>  <p>20-2 65#22</p>	<p><b>100 Contacts</b></p>  <p>22-35 100#22D</p>
<p><b>18 Contacts</b></p>  <p>14-18 18#20</p>	<p><b>26 Contacts</b></p>  <p>16-26 26#20</p>	<p><b>37 Contacts</b></p>  <p>14-35 37#22D</p>	<p><b>55 Contacts</b></p>  <p>16-35 55#22D</p>	<p><b>66 Contacts</b></p>  <p>18-35 66#22D</p>	<p><b>128 Contacts</b></p>  <p>22-1 100#22M</p>
<p><b>19 Contacts</b></p>  <p>14-19 19#20</p>	<p><b>28 Contacts</b></p>  <p>18-28 26#20, 2#16</p>	<p><b>39 Contacts</b></p>  <p>14-37 37#22M</p>	<p><b>55 Contacts</b></p>  <p>16-55 55#22M</p>	<p><b>66 Contacts</b></p>  <p>18-66 66#22M</p>	<p><b>128 Contacts</b></p>  <p>24-35 128#22D</p>
<p><b>21 Contacts</b></p>  <p>22-21 21#16</p>	<p><b>29 Contacts</b></p>  <p>24-29 29#16</p>	<p><b>39 Contacts</b></p>  <p>20-39 37#20, 2#16</p>	<p><b>55 Contacts</b></p>  <p>22-55 55#20</p>	<p><b>79 Contacts</b></p>  <p>20-35 79#22D</p>	<p><b>128 Contacts</b></p>  <p>24-1 128#22M</p>
<p><b>22 Contacts</b></p>  <p>12-35 22#22D</p>	<p><b>30 Contacts</b></p>  <p>18-30 29#20, 1#16</p>	<p><b>41 Contacts</b></p>  <p>20-41 41#20</p>	<p><b>56 Contacts</b></p>  <p>24-4 48#20, 8#16</p>	<p><b>79 Contacts</b></p>  <p>20-1 79#22M</p>	

(94558)



CIRCULAR CONNECTORS

CANNON TYPES MS3106, MS3102, AND MS3101 CIRCULAR CONNECTORS



Contact Arrangements  
Mating Face View of Pin Insert Shown

MIL-C-5015 circular connectors operate in extreme environmental conditions of high altitude flight. Type numbers with prefixes **MS3106F** and **MS3101F** feature resilient grommets with internal restrictions in wire cavities that act as individual wire seals. They also include an integral cable clamp that provides strain relief, and type numbers with prefix **MS3106F** have an O-ring under the coupling nut. Aluminum alloy shells have olive drab chromate coating over cadmium plating. Silver-plated copper alloy socket or pin contacts rated 13A. Tinned solder pot termination. Polychloroprene insulators. Temperature range: -55°C to +125°C.

TYPE MS3106 PLUGS WITH SOCKET CONTACTS

Mfg. Part No.	Insert Configuration	Con-tacts	Dimensions		Stock No.	Price Each	
			L	W		1-9	10-24
MS3106F10SL-4S	10SL-4	2	2.250"	1.125"	50F2538	33.23	27.61
MS3106F10SL-3S	10SL-3	3	2.250"	1.125"	50F2537	34.08	28.32
MS3106F14S-2S	14S-2	4	2.250"	1.343"	50F2529	30.06	24.98
MS3106F14S-5S	14S-5	5	2.250"	1.343"	16F1741	31.30	26.01
MS3106F14S-6S	14S-6	6	2.250"	1.343"	50F2525	32.66	27.14
MS3106F16S-1S	16S-1	7	2.250"	1.484"	50F2497	34.33	26.96
MS3106F18-1S	18-1	10	2.688"	1.609"	50F2505	46.58	36.59
MS3106F20-27S	20-27	14	2.750"	1.890"	50F2514	43.61	34.26
MS3106F20-29S	20-29	17	2.750"	1.890"	50F2516	46.44	36.48

TYPE MS3102 BOX MOUNTING RECEPTACLES WITH SOCKET CONTACTS

Mfg. Part No.	Insert Configuration	Con-tacts	Dimensions		Stock No.	Price Each	
			R ± .005	P (Max.)		1-9	10-24
MS3102R10SL-4S	10SL-4	2	0.719"	0.614"	50F2546	10.95	9.10
MS3102R10SL-3S	10SL-3	3	0.719"	0.614"	50F2545	14.08	11.70
MS3102R14S-2S	14S-2	4	0.906"	0.739"	50F2533	13.29	11.04
MS3102R14S-5S	14S-5	5	0.906"	0.739"	50F2534	14.38	11.95
MS3102R14S-6S	14S-6	6	0.906"	0.739"	50F2531	15.03	12.49
MS3102R16S-1S	16S-1	7	0.969"	0.864"	50F2501	18.11	15.05
MS3102R18-1S	18-1	10	1.062"	0.989"	50F2510	20.18	16.77
MS3102R20-27S	20-27	14	1.156"	1.145"	50F2524	29.03	24.12
MS3102R20-29S	20-29	17	1.156"	1.145"	50F2522	31.81	26.43

TYPE MS3101 CABLE CONNECTING RECEPTACLES WITH SOCKET CONTACTS

Mfg. Part No.	Insert Configuration	Con-tacts	Dimensions		Stock No.	Price Each	
			L	W		1-9	10-24
MS3101F10SL-4S	10SL-4	2	2.250"	1.125"	16F1743	27.12	21.30
MS3101F10SL-3S	10SL-3	3	2.250"	1.125"	16F1744	31.07	25.82
MS3101F14S-2S	14S-2	4	2.250"	1.343"	16F1745	27.75	23.06
MS3101F14S-5S	14S-5	5	2.250"	1.343"	16F1746	28.69	22.54
MS3101F14S-6S	14S-6	6	2.250"	1.343"	16F1747	29.98	23.55
MS3101F16S-1S	16S-1	7	2.250"	1.484"	16F1748	38.03	29.87
MS3101F18-1S	18-1	10	2.688"	1.609"	16F1749	33.63	26.42
MS3101F20-27S	20-27	14	2.750"	1.890"	16F1750	47.40	37.23
MS3101F20-29S	20-29	17	2.750"	1.890"	16F1751	46.29	36.36

➤ CONTINUED ➤

CANNON TYPES MS3106, MS3102, AND MS3101 CIRCULAR CONNECTORS

(CONT.)

TYPE MS3106 PLUGS WITH PIN CONTACTS

Mfg. Part No.	Insert Configuration	Con-tacts	Dimensions		Stock No.	Price Each	
			L	W		1-9	10-24
MS3106F10SL-4P	10SL-4	2	2.250"	1.125"	50F2540	32.14	26.71
MS3106F10SL-3P	10SL-3	3	2.250"	1.125"	50F2539	32.25	26.80
MS3106F14S-2P	14S-2	4	2.250"	1.343"	50F2527	28.28	23.50
MS3106F14S-5P	14S-5	5	2.250"	1.343"	50F2528	27.67	22.99
MS3106F14S-6P	14S-6	6	2.250"	1.343"	50F2526	28.17	23.41
MS3106F16S-1P	16S-1	7	2.250"	1.484"	50F2498	29.70	23.32
MS3106F18-1P	18-1	10	2.688"	1.609"	50F2506	30.29	23.79
MS3106F20-27P	20-27	14	2.750"	1.890"	50F2513	34.69	27.25
MS3106F20-29P	20-29	17	2.750"	1.890"	50F2515	37.57	29.51

TYPE MS3102 BOX MOUNTING RECEPTACLES WITH PIN CONTACTS

Mfg. Part No.	Insert Configuration	Con-tacts	Dimensions		Stock No.	Price Each	
			R ± .005	P (Max.)		1-9	10-24
MS3102R10SL-4P	10SL-4	2	0.719"	0.614"	50F2544	10.06	8.36
MS3102R10SL-3P	10SL-3	3	0.719"	0.614"	50F2543	11.78	9.79
MS3102R14S-2P	14S-2	4	0.906"	0.739"	50F2535	12.90	10.72
MS3102R14S-5P	14S-5	5	0.906"	0.739"	16F1742	12.16	10.11
MS3102R14S-6P	14S-6	6	0.906"	0.739"	50F2532	12.21	9.59
MS3102R16S-1P	16S-1	7	0.969"	0.864"	50F2502	12.76	10.60
MS3102R18-1P	18-1	10	1.062"	0.989"	50F2509	14.68	12.20
MS3102R20-27P	20-27	14	1.156"	1.145"	50F2523	18.76	15.59
MS3102R20-29P	20-29	17	1.156"	1.145"	50F2521	21.57	17.93

TYPE MS3101 CABLE CONNECTING RECEPTACLES WITH PIN CONTACTS

Mfg. Part No.	Insert Configuration	Con-tacts	Dimensions		Stock No.	Price Each	
			L	W		1-9	10-24
MS3101F10SL-4P	10SL-4	2	2.250"	1.125"	16F1752	29.38	24.42
MS3101F10SL-3P	10SL-3	3	2.250"	1.125"	16F1753	29.20	24.27
MS3101F14S-2P	14S-2	4	2.250"	1.343"	16F1754	26.78	22.25
MS3101F14S-5P	14S-5	5	2.250"	1.343"	16F1755	26.30	21.86
MS3101F14S-6P	14S-6	6	2.250"	1.343"	16F1756	26.84	22.30
MS3101F16S-1P	16S-1	7	2.250"	1.484"	16F1757	33.40	26.23
MS3101F18-1P	18-1	10	2.688"	1.609"	16F1758	28.87	22.68
MS3101F20-27P	20-27	14	2.750"	1.890"	16F1759	38.06	29.89
MS3101F20-29P	20-29	17	2.750"	1.890"	16F1760	38.37	30.13

DUST CAPS FOR MIL-DTL-5015 THREADED CIRCULAR CONNECTORS



Dust Cap For Receptacles

Dust Cap For Plugs

Designed to be used with MIL-DTL-5015 threaded circular connectors, **MS25042 series** are externally threaded dust caps and are used to protect **MS3106** and **MS3108** series connectors; *ordered separately on pages 800-801 and this page.* **MS25043 series** are internally threaded and are used to protect **MS3100**, **MS3101** and **MS3102** series connectors; *ordered separately on pages 800-801 and this page.* All are made of aluminum alloy and furnished with a sash chain. Available in two platings; olive drab chromate over cadmium and black anodized.

DUST CAPS FOR RECEPTACLES — OLIVE DRAB CHROMATE OVER CADMIUM FINISH

Mfg. Part No.	For Shell Size	Stock No.	Price Each	
			1-9	10-24
MS25042-8D	8	86K0032		9.50
MS25042-10D	10	73K9139		13.36
MS25042-12D	12	33K9529		13.77
MS25042-14D	14	33K9531		14.15
MS25042-16D	16	51K4505		14.60
MS25042-18D	18	86K0027		15.01
MS25042-20D	20	51K4506		15.50
MS25042-22D	22	71K7119		12.97
MS25042-24D	24	33K9536		12.94
MS25042-28D	28	51K4509		16.93
MS25042-32D	32	86K0028		19.00
MS25042-36D	36	86K0029		22.08
MS25042-40D	40	33K9537		25.13

➤ CONTINUED ➤

**DUST CAPS FOR MIL-DTL-5015 THREADED CIRCULAR CONNECTORS (CONT.)**

**DUST CAPS FOR RECEPTACLES — BLACK ANODIZED FINISH**

Mfg. Part No.	For Shell Size	Stock No.	Price Each	
			1-9	
MS25042-8DA	8	86K0033	12.83	
MS25042-10DA	10	33K9528	8.97	
MS25042-12DA	12	33K9530	13.77	
MS25042-14DA	14	33K9532	14.15	
MS25042-16DA	16	33K9533	9.79	
MS25042-18DA	18	33K9534	15.01	
MS25042-20DA	20	33K9535	15.50	
MS25042-22DA	22	57K1109	11.00	
MS25042-24DA	24	97B9355	16.44	
MS25042-28DA	28	57K1110	16.93	
MS25042-32DA	32	73K9140	19.00	
MS25042-36DA	36	86K0030	22.08	
MS25042-40DA	40	86K0031	25.13	

**DUST CAPS FOR PLUGS — OLIVE DRAB CHROMATE OVER CADMIUM FINISH**

MS25043-8D	8	86K0040	9.50	
MS25043-10D	10	33K9538	13.36	
MS25043-12D	12	71K7120	10.89	
MS25043-14D	14	57K1112	14.15	
MS25043-16D	16	33K9540	14.60	
MS25043-18D	18	33K9541	15.01	
MS25043-20D	20	51K4512	15.50	
MS25043-22D	22	57K1115	15.95	
MS25043-24D	24	81K3210	16.44	
MS25043-28D	28	86K0036	16.93	
MS25043-32D	32	71K7121	19.00	
MS25043-36D	36	86K0037	22.08	
MS25043-40D	40	86K0039	25.13	

**DUST CAPS FOR PLUGS — BLACK ANODIZED FINISH**

MS25043-8DA	8	86K0041	12.83	
MS25043-10DA	10	57K1111	13.36	
MS25043-12DA	12	33K9539	13.77	
MS25043-14DA	14	57K1114	14.15	
MS25043-16DA	16	86K0034	14.60	
MS25043-18DA	18	86K0035	15.01	
MS25043-20DA	20	33K9542	15.50	
MS25043-22DA	22	57K1116	15.95	
MS25043-24DA	24	57K1117	16.44	
MS25043-28DA	28	33K9543	16.93	
MS25043-32DA	32	73K9141	19.00	
MS25043-36DA	36	86K0038	22.08	
MS25043-40DA	40	57K1118	25.13	

(84865)

**SWING-ARM STRAIN RELIEFS FOR MIL-SPEC CIRCULAR CONNECTORS**



**Just Added**



The Glenair Swing-Arm Backshell strain relief clamp and EMI shield termination with strain relief are circular connector cable strain relief accessories intended for application on aerospace equipment, tactical military equipment, and harsh environment commercial equipment. Swing-Arm products have an articulating arm that allows the backshell to quickly adjust and lock into three positions—straight, 45° and 90°. Made of injection-molded, high temperature reinforced composite thermoplastic, the Swing-Arm is available as a strain relief clamp, or in an EMI shield sock termination option with a nickel-plated copper braid sock.

**SWING-ARM WITH Ni/Cu BRAID FOR MIL-C-5015 SERIES II, MIL-C-26482 SERIES II, AND MIL-C-83723 SERIES I & III - BLACK AND BROWN**

Mfg. Part No.	For Shell Size	Stock No.	Price Each	
			1-9	
● 319A064X008	8	45M5599	86.50	
● 319A064X010	10	45M5601	88.34	
● 319A064X012	12	45M5602	90.24	
● 319A064X014	14	45M5603	93.57	
● 319A064X016	16	45M5604	95.50	
● 319A064X018	18	45M7298	98.64	
● 319A064X020	20	45M5606	100.67	

▶ CONTINUED ▶

**SWING-ARM STRAIN RELIEFS FOR MIL-SPEC CIRCULAR CONNECTORS (CONT.)**

Mfg. Part No.	For Shell Size	Stock No.	Price Each	
			1-9	
● 319A064X022	22	45M5607	102.84	
● 319A064X024	24	45M5608	106.14	

**SWING-ARM WITH Ni/Cu BRAID FOR MIL-C-38999 SERIES III AND IV - BLACK**

● 319H064XB15	15	45M5609	93.57	
● 319H064XB25	25	45M7299	106.14	

**SWING-ARM WITH Ni/Cu BRAID FOR MIL-C-38999 SERIES III AND IV - BLACK AND BROWN**

● 319H064X009	9	45M5611	86.50	
● 319H064X011	11	45M5612	88.34	
● 319H064X013	13	45M5613	90.24	
● 319H064X015	15	45M7300	93.57	
● 319H064X017	17	45M5615	95.50	
● 319H064X019	19	45M5616	98.64	
● 319H064X021	21	45M5617	100.67	
● 319H064X023	23	45M5618	102.84	
● 319H064X025	25	45M5619	106.14	

**SWING-ARM WITHOUT BRAID FOR MIL-C-5015 SERIES II, MIL-C-26482 SERIES II, AND MIL-C-83723 SERIES I & III - BLACK**

● 627A122XB10	10	45M5620	41.37	
● 627A122XB12	12	45M5621	42.14	

**SWING-ARM WITHOUT BRAID FOR MIL-C-5015 SERIES II, MIL-C-26482 SERIES II, AND MIL-C-83723 SERIES I & III - BLACK AND BROWN**

● 627A122X008	8	45M5622	40.77	
● 627A122X010	10	45M5623	41.37	
● 627A122X012	12	45M5624	43.34	
● 627A122X014	14	45M5625	43.70	
● 627A122X016	16	45M5626	44.67	

**SWING-ARM WITHOUT BRAID FOR MIL-C-38999 SERIES I AND II - BLACK AND BROWN**

● 627F122X014	14	45M5627	43.70	
● 627F122X016	16	45M5628	44.67	
● 627F122X018	18	45M5629	46.00	

**SWING-ARM WITHOUT BRAID FOR MIL-C-38999 SERIES III AND IV - BLACK AND BROWN**

● 627H122X009	9	45M5630	40.77	
● 627H122X011	11	45M5631	41.37	
● 627H122X013	13	45M5632	42.14	
● 627H122X015	15	45M5633	43.70	
● 627H122X017	17	45M5634	44.67	
● 627H122X019	19	45M5635	46.00	
● 627H122X021	21	45M5636	46.84	
● 627H122X023	23	45M5637	48.04	
● 627H122X025	25	45M5638	49.60	

**COMPOSITE BANDING SPLIT RINGS**

Mfg. Part No.	Cable Dia. Min. (in.)	Cable Dia. Max. (in.)	Stock No.	Price Each	
				1-9	
● 687-207X004	0.25	0.36	45M5639	9.85	
● 687-207X006	0.38	0.49	45M5640	9.97	
● 687-207X008	0.50	0.61	45M5641	10.04	
● 687-207X010	0.63	0.74	45M5642	10.24	
● 687-207X012	0.75	0.86	45M5643	10.54	
● 687-207X014	0.88	0.99	45M5644	10.87	
● 687-207X016	1.00	1.10	45M5645	11.07	
● 687-207X018	1.13	1.24	45M5646	11.57	
● 687-207X020	1.25	1.36	45M5647	12.04	

**CLAMPING BAND**

Mfg. Part No.	Length (in.)	Stock No.	Price Each	
			1-9	
● 600-052	14.256"	26H1936	16.90	

(93119)

**Go online for 200,000+ datasheets.**

(94656)

Click on this symbol in your search results. Visit us online today.



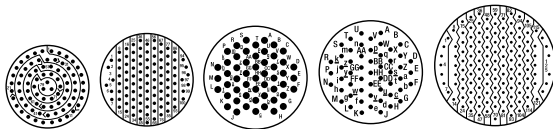
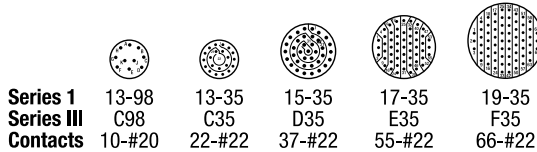
CIRCULAR CONNECTORS

CANNON MIL-C-38999 CONNECTORS



MIL-C-38999 Series I Receptacle and Plug

MIL-C-38999 Series III Receptacle and Plug



Contact Arrangements

MIL-C-38999 series connectors offer high-density contact arrangements in a miniature circular shell. Originally designed for the especially demanding requirements of today's high performance military and commercial aircraft, these connectors are finding their way into applications needing extremely reliable interconnections, crimp-style connectors. All connectors include: contacts, a plastic insertion/extraction tool and wire hole fillers. Backshells sold separately on pages 818-819.

MIL-C-38999 SERIES I

Features include: total environment sealing, wide operating temperature range, quick mating, three point bayonet coupling, 100% scoop-proof shell design and EMI-RFI shielding. Operating temperature: **Finish B** - Olive drab chromate over cadmium over electroless nickel per QQ-P-416, -65°C to 175°C (-85°F to 347°F). **Finish F** - Electroless nickel per QQ-N-290, -65°C to 200°C (-85°F to 392°F).

SERIES I FLANGED RECEPTACLES WITH SOCKET CONTACTS

Contacts	B Finish			F Finish		
	Mfg. Part No.	Stock No.	Price Each	Mfg. Part No.	Stock No.	Price Each
			1-24			1-24
6	MS27656T9B35S	91C6881	33.75	MS27656T9F35S	91C6883	33.77
3	MS27656T9B98S	91C6882	34.68	MS27656T9F98S	91C6884	34.66
13	MS27656T11B35S	24C2342	38.82	MS27656T11F35S	91C6866	38.82
6	MS27656T11B98S	91C6865	36.76	MS27656T11F98S	27C7558	36.76
22	MS27656T13B35S	91C6867	40.01	MS27656T13F35S	91C3824	40.01
16	MS27656T13B98S	91C6868	37.73	MS27656T13F98S	91C6869	37.73
37	MS27656T15B35S	89C2007	48.57	MS27656T15F35S	91C6870	48.57
55	MS27656T17B35S	71C9214	57.36	MS27656T17F35S	50B9141	44.52
66	MS27656T19B35S	91C6871	62.35	MS27656T19F35S	91C6872	62.35
79	MS27656T21B35S	01C4572	70.28	MS27656T21F35S	91C6873	70.26
100	MS27656T23B35S	91C6874	81.68	MS27656T23F35S	91C6877	81.38
128	MS27656T25B35S	73C7263	72.61	MS27656T25F35S	91C6880	115.43

SERIES I STRAIGHT PLUGS WITH PIN CONTACTS

Contacts	B Finish			F Finish		
	Mfg. Part No.	Stock No.	Price Each	Mfg. Part No.	Stock No.	Price Each
			1-24			1-24
6	MS27467T9B35P	81C9582	41.93	MS27467T9F35P	91C6863	42.40
3	MS27467T9B98P	30C9138	43.83	MS27467T9F98P	91C6864	44.32
13	MS27467T11B35P	81C9584	47.05	MS27467T11F35P	91C6855	47.05
6	MS27467T11B98P	91C6854	45.57	MS27467T11F98P	27C7112	45.57
22	MS27467T13B35P	91B1107	48.53	MS27467T13F35P	91C6856	48.53
16	MS27467T13B98P	83C8136	47.62	MS27467T13F98P	31C1889	47.62
37	MS27467T15B35P	85C1351	52.59	MS27467T15F35P	50B1328	135.97
55	MS27467T17B35P	40C0107	57.44	MS27467T17F35P	90B7909	44.47
66	MS27467T19B35P	35C2716	64.36	MS27467T19F35P	91C6857	62.09
79	MS27467T21B35P	91C6858	66.96	MS27467T21F35P	18C4175	66.96
100	MS27467T23B35P	90B3882	53.30	MS27467T23F35P	91C6861	71.84
128	MS27467T25B35P	13C3415	80.19	MS27467T25F35P	50B9133	61.59

➔ CONTINUED ➔

CANNON MIL-C-38999 CONNECTORS (CONT.)

MIL-C-38999 SERIES III

Features include: total environment sealing, wide operating temperature range, quick mating, triple lead threaded, self-locking coupling, 100% scoop-proof shell design and EMI-RFI shielding. Operating temperature: **Finish W** - Olive drab chromate over cadmium over electroless nickel per QQ-P-416, -65°C to 175°C (-85°F to 347°F). **Finish F** - Electroless nickel per QQ-N-290, -65°C to 200°C (-85°F to 392°F).

SERIES III FLANGED RECEPTACLES WITH SOCKET CONTACTS

Contacts	W Finish			F Finish		
	Mfg. Part No.	Stock No.	Price Each	Mfg. Part No.	Stock No.	Price Each
			1-24			1-24
6	D38999/20WA35SN	26C1845	37.61	D38999/20FA35SN	91C6499	37.24
3	D38999/20WA98SN	91C6508	38.15	D38999/20FA98SN	91B2891	38.15
13	D38999/20WB35SN	24C6181	42.68	D38999/20FB35SN	91C6500	42.68
6	D38999/20WB98SN	91C6509	40.62	D38999/20FB98SN	08C5343	40.62
22	D38999/20WC35SN	90B6211	44.85	D38999/20FC35SN	91C6501	44.85
16	D38999/20WC98SN	91C6510	42.56	D38999/20FC98SN	91C6502	42.56
37	D38999/20WD35SN	99B3762	53.86	D38999/20FD35SN	91C6503	53.86
55	D38999/20WE35SN	92B2833	61.69	D38999/20FE35SN	91C6504	61.69
66	D38999/20WF35SN	95B8356	66.66	D38999/20FF35SN	91C6505	66.66
79	D38999/20WG35SN	91C6511	73.96	D38999/20FG35SN	38C8110	73.96
100	D38999/20WH35SN	18C2863	85.20	D38999/20FH35SN	90C0342	85.20
128	D38999/20WJ35SN	95B1608	98.73	D38999/20FJ35SN	67C0820	61.98

SERIES III STRAIGHT PLUGS WITH PIN CONTACTS

Contacts	W Finish			F Finish		
	Mfg. Part No.	Stock No.	Price Each	Mfg. Part No.	Stock No.	Price Each
			1-24			1-24
6	D38999/26WA35PN	92B7884	49.72	D38999/26FA35PN	91C6515	49.72
3	D38999/26WA98PN	91C6524	51.42	D38999/26FA98PN	91C6516	51.42
13	D38999/26WB35PN	91B1280	55.88	D38999/26FB35PN	83C8260	55.38
6	D38999/26WB98PN	34C6256	54.43	D38999/26FB98PN	90C0106	53.92
22	D38999/26WC35PN	24C7927	58.74	D38999/26FC35PN	96B0073	58.74
16	D38999/26WC98PN	96B4726	57.78	D38999/26FC98PN	91C6517	57.78
37	D38999/26WD35PN	88F3024	69.94	D38999/26FD35PN	34C3252	66.28
55	D38999/26WE35PN	92B2831	68.48	D38999/26FE35PN	26C2020	68.48
66	D38999/26WF35PN	24C9098	74.00	D38999/26FF35PN	91C6519	74.00
79	D38999/26WG35PN	91C6525	80.45	D38999/26FG35PN	91C6520	80.45
100	D38999/26WH35PN	98B5376	85.91	D38999/26FH35PN	91C6521	85.91
128	D38999/26WJ35PN	91C6527	95.21	D38999/26FJ35PN	34C3254	95.21

TOOL KITS

Mfg. part no. D38999/22 tool kit includes hand crimp tool, pin and socket locator, metal insertion/extraction tool and instructions for size 22 and 22D. Mfg. part no. D38999/20 tool kit includes hand crimp tool, locator, metal insertion/extraction tool and instructions for size 20.

Mfg. Part No.	Stock No.	Price Each
		1-24
D38999/22 TOOL KIT	91C6514	1013.27
D38999/20 TOOL KIT	91C6498	1027.71

ACCESSORIES FOR MIL-C-38999 SERIES I, II, III AND IV CIRCULAR CONNECTORS



Straight Strain Relief Backshell



Right-Angle Strain Relief Backshell



Dust Cap for Series I and II Receptacles



Dust Cap for Series I and II Plugs



Dust Cap for Series III Receptacles



Dust Cap for Series III Plugs

Straight and right-angle metal strain relief backshells available in olive drab chromate over cadmium over nickel finish (1000-hr. salt spray) or electroless nickel finish (fluid-resistant). Metal dust caps for plugs and flanged receptacles feature an olive drab chromate over cadmium over nickel finish (1000-hr. salt spray). Meets MIL-C-38999 military specifications. Used with ITT/Cannon MIL-C-38999 connectors on this page, Souriau MIL-C-38999 connectors on pages 836-837, and Amphenol Amphi-Lite Commercial Series III connectors on page 809.

➔ CONTINUED ➔



**ACCESSORIES FOR MIL-C-38999 SERIES I, II, III AND IV CIRCULAR CONNECTORS (CONT.)**

**STRAIGHT STRAIN RELIEF BACKSHELLS FOR SERIES I AND II CONNECTORS**

Mfg. Part No.	For Shell Size	Stock No.	Price Each
			1-9
M85049/49-2-8W	9	86K0093	8.51
M85049/49-2-8N*	9	41K1171	8.51
M85049/49-2-10W	11	86K0091	8.81
M85049/49-2-10N*	11	63K6020	8.81
M85049/49-2-12W	13	57K1156	9.32
M85049/49-2-12N*	13	22C9210	9.32
M85049/49-2-14W	15	96B0005	9.71
M85049/49-2-14N*	15	29C6254	9.71
M85049/49-2-16W	17	41K1167	10.17
M85049/49-2-16N*	17	57K1157	10.17
M85049/49-2-18W	19	57K1158	10.54
M85049/49-2-18N*	19	41K1168	10.54
M85049/49-2-20W	21	57K1159	10.86
M85049/49-2-20N*	21	41K1169	10.86
M85049/49-2-22W	23	57K1160	9.59
M85049/49-2-22N*	23	71K8764	11.32
M85049/49-2-24W	25	86K0092	11.80
M85049/49-2-24N*	25	41K1170	11.80

**RIGHT-ANGLE STRAIN RELIEF BACKSHELLS FOR SERIES I AND II CONNECTORS**

M85049/47W8	9	71K8763	11.83
M85049/47N8*	9	86K0082	12.42
M85049/47W10	11	86K0083	12.42
M85049/47N10*	11	86K0075	12.88
M85049/47W12	13	86K0084	12.88
M85049/47N12*	13	86K0076	13.57
M85049/47W14	15	86K0085	13.57
M85049/47N14*	15	73K9215	12.54
M85049/47W16	17	86K0086	14.84
M85049/47N16*	17	86K0077	14.84
M85049/47W18	19	86K0087	15.41
M85049/47N18*	19	86K0078	15.41
M85049/47W20	21	86K0088	15.87
M85049/47N20*	21	81K3672	15.87
M85049/47W22	23	86K0089	16.52
M85049/47N22*	23	86K0079	16.52
M85049/47W24	25	86K0090	17.21
M85049/47N24*	25	86K0081	17.21

\*Electroless nickel finish

**STRAIGHT STRAIN RELIEF BACKSHELLS FOR SERIES III AND IV CONNECTORS**

M85049/38-9W	9	81K3671	10.12
M85049/38-11W	11	86K0064	10.47
M85049/38-13W	13	63K6006	11.04
M85049/38-15W	15	57K1151	11.55
M85049/38-17W	17	86K0065	12.08
M85049/38-19W	19	63K6008	12.54
M85049/38-21W	21	20C0263	12.93
M85049/38-23W	23	86K0066	13.46
M85049/38-25W	25	20C0264	14.03

**RIGHT-ANGLE STRAIN RELIEF BACKSHELLS FOR SERIES III AND IV CONNECTORS**

M85049/39-9W	9	71K8761	9.52
M85049/39-11W	11	86K0067	12.13
M85049/39-13W	13	86K0068	12.82
M85049/39-15W	15	86K0069	13.34
M85049/39-17W	17	86K0070	13.97
M85049/39-19W	19	86K0071	11.06
M85049/39-21W	21	86K0072	14.95
M85049/39-23W	23	86K0073	11.87
M85049/39-25W	25	86K0074	16.22

**DUST CAPS FOR SERIES I FLANGED RECEPTACLES**

MS27502B9C	9	60K6440	11.76
MS27502B11C	11	86K0048	12.33
MS27502B13C	13	57K1120	12.49
MS27502B15C	15	86K0049	13.00
MS27502B17C	17	60K6439	12.60
MS27502B19C	19	86K0050	13.64
MS27502B21C	21	86K0051	14.06
MS27502B23C	23	86K0052	14.49
MS27502B25C	25	71K7386	14.93

**DUST CAPS FOR SERIES I PLUGS**

MS27501B9C	9	86K0047	12.65
MS27501B11C	11	57K1119	13.00
MS27501B13C	13	71K7384	13.37

▶ CONTINUED ▶

**ACCESSORIES FOR MIL-C-38999 SERIES I, II, III AND IV CIRCULAR CONNECTORS (CONT.)**

**DUST CAPS FOR SERIES I PLUGS**

Mfg. Part No.	For Shell Size	Stock No.	Price Each
			1-9
MS27501B15C	15	86K0042	13.78
MS27501B17C	17	71K7385	14.17
MS27501B19C	19	86K0043	14.61
MS27501B21C	21	86K0044	15.05
MS27501B23C	23	86K0045	15.51
MS27501B25C	25	86K0046	15.99

**DUST CAPS WITH RING FOR SERIES III FLANGED RECEPTACLES**

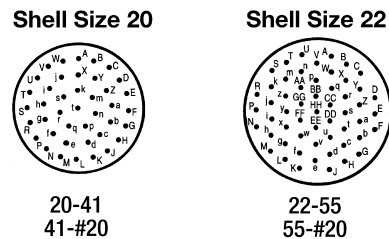
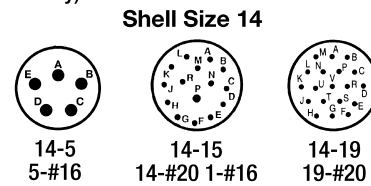
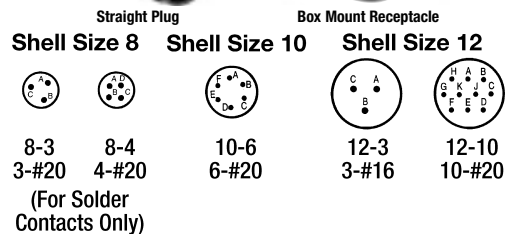
D38999/33W9R	9	41K1155	11.41
D38999/33W11R	11	60K5687	11.83
D38999/33W13R	13	57K0981	11.92
D38999/33W15R	15	86K0024	11.96
D38999/33W17R	17	63K5264	12.22
D38999/33W19R	19	86K0025	12.40
D38999/33W21R	21	85K0759	12.49
D38999/33W23R	23	86K0026	12.56
D38999/33W25R	25	41K1154	13.21

**DUST CAPS WITH RING FOR SERIES III PLUGS**

D38999/32W9N	9	41K1147	14.75
D38999/32W11N	11	85K0758	15.14
D38999/32W13N	13	57K0976	15.10
D38999/32W15N	15	63K5262	15.32
D38999/32W17N	17	80K5826	15.55
D38999/32W19N	19	86K0023	15.74
D38999/32W21N	21	63K5263	15.83
D38999/32W23N	23	60K5686	15.90
D38999/32W25N	25	57K0979	16.54

(73913)

**CANNON TYPES KPSE AND KPT MIL-C-26482 SERIES 1 MINIATURE SEALED CONNECTORS WITH CRIMP OR SOLDER CONTACTS**

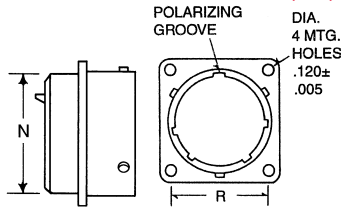


Contact Arrangements  
Mating Face View of Pin Insert

▶ CONTINUED ▶

CIRCULAR CONNECTORS

CANNON TYPES KPSE AND KPT MIL-C-26482 SERIES 1 MINIATURE SEALED CONNECTORS WITH CRIMP OR SOLDER CONTACTS (CONT.)



Shell Size	N Dia. Max.	R (TP)
8	0.469" (11.91)	0.594" (15.09)
10	0.593" (15.06)	0.719" (18.26)
12	0.719" (18.26)	0.812" (20.62)
14	0.843" (21.41)	0.906" (23.01)
20	1.219" (30.96)	1.156" (29.36)
22	1.343" (34.11)	1.250" (31.75)

Environmentally sealed plugs and receptacles offer high-density contact arrangements in a miniature circular metal shell. Meet all MIL-C-26482 requirements and are interchangeable, intermountable, and interchangeable with all MIL-C-26482 connectors, crimp or solder style. Feature aluminum alloy body with olive drab chromate over cadmium finish. Polychloroprene insulators. Copper alloy crimp or solder pin and socket contacts with gold plating per MIL-G-45204 Type II. Plugs with pin contacts mate with socket contact receptacles and plugs with socket contacts mate with pin contact receptacles. Quick disconnect bayonet coupling for rapid positive mating and unmating. Moisture sealing is achieved by 4 seals: shell, peripheral, interfacial and wire. 500 cycles minimum mating life. Operating temperature: -55°C to +125°C. Order crimp tool kit separately below when ordering crimp connectors. NOTE: Shell size 8 layout is only available in solder type.

KPSE STRAIGHT PLUGS WITH CABLE CLAMP (CRIMP CONTACTS)

Mfg. Part No.	Contacts	Shell Size	Stock No.	Price Each		
				1-4	5-9	10-24
MS3126F12-3P*	3	12	66F8818	50.95	45.70	41.21
MS3126F14-5P*	5	14	66F8819	51.45	46.15	41.61
MS3126F10-6P*	6	10	66F8917	49.66	44.55	40.17
MS3126F12-10P*	10	12	66F8820	56.50	50.69	45.70
MS3126F14-19P*	19	14	66F8821	65.91	59.12	53.31
MS3126F20-41P*	41	20	66F8822	96.95	86.97	78.42
MS3126F22-55P*	55	22	66F8823	117.42	105.33	94.97
MS3126F12-3S+	3	12	66F8824	54.04	48.47	43.71
MS3126F14-5S+	5	14	66F8825	56.50	50.69	45.70
MS3126F10-6S+	6	10	66F8826	51.54	46.24	41.69
MS3126F12-10S+	10	12	66F8827	55.91	50.15	45.22
MS3126F14-19S+	19	14	66F8828	97.81	87.74	79.11
MS3126F20-41S+	41	20	66F8829	115.55	103.65	93.46
MS3126F22-55S+	55	22	66F8830	143.60	128.82	116.15

KPSE BOX MOUNTING RECEPTACLES (CRIMP CONTACTS)

Mfg. Part No.	Contacts	Shell Size	Stock No.	Price Each		
				1-4	5-9	10-24
MS3122E12-3S+	3	12	66F8831	40.07	35.94	32.41
MS3122E14-5S+	5	14	66F8832	43.24	38.79	34.98
MS3122E10-6S+	6	10	66F8833	39.44	35.38	31.90
MS3122E12-10S+	10	12	66F8834	40.83	36.63	33.03
MS3122E14-19S+	19	14	66F8835	58.26	52.26	47.12
MS3122E20-41S+	41	20	66F8927	108.66	97.47	87.89
MS3122E22-55S+	55	22	66F8928	115.16	103.30	93.14
MS3122E12-3P*	3	12	66F8929	36.26	32.53	29.33
MS3122E14-5P*	5	14	66F8930	34.76	31.18	28.12
MS3122E10-6P*	6	10	66F8931	36.22	32.49	29.29
MS3122E12-10P*	10	12	66F8932	54.32	48.73	43.94
MS3122E14-19P*	19	14	66F8933	58.14	52.16	47.03
MS3122E20-41P*	41	20	66F8934	89.40	80.20	72.31
MS3122E22-55P*	55	22	66F8935	103.44	92.79	83.67

\* = Pin contacts + = Socket contacts

TYPE KPSE CRIMP TOOL KIT

Type KPSE-KIT crimp tool kit includes military style 8-indent crimp tool and locator, size 16 and 20 insertion and extraction tools, lubricant, and assembly instructions.

Mfg. Part No.	Stock No.	Price Each
KPSE-KIT	66F9766	616.56

KPT STRAIGHT PLUGS WITH CABLE CLAMP (SOLDER CONTACTS)

Mfg. Part No.	Contacts	Shell Size	Stock No.	Price Each		
				1-4	5-9	10-24
MS3116F8-3P	3	8	50B1412	34.43	30.88	27.85
MS3116F8-4P*	4	8	93F3374	43.10	38.66	34.86
MS3116F12-3P*	3	12	99F7263	43.24	38.79	34.98
MS3116F14-15P*	15	14	99F6087	50.89	45.65	41.16
MS3116F10-6P*	6	10	93F3376	40.64	36.45	32.87
MS3116F12-10P*	10	12	93F3378	44.32	39.76	35.85
MS3116F14-19P*	19	14	93F3380	49.64	44.53	40.15
MS3116F20-41P*	41	20	99F4898	68.54	61.48	55.44
MS3116F22-55P*	55	22	16F3632	83.93	75.29	67.88
MS3116F8-3S+	3	8	88F6387	45.43	40.75	36.74

➔ CONTINUED ➔

CANNON TYPES KPSE AND KPT MIL-C-26482 SERIES 1 MINIATURE SEALED CONNECTORS WITH CRIMP OR SOLDER CONTACTS (CONT.)

Mfg. Part No.	Contacts	Shell Size	Stock No.	Price Each		
				1-4	5-9	10-24
MS3116F8-4S+	4	8	93F3375	47.83	42.91	38.69
MS3116F12-3S+	3	12	16F3633	47.37	42.49	38.31
MS3116F14-15S+	15	14	16F3634	56.78	50.94	45.93
MS3116F10-6S+	6	10	93F3377	43.67	39.17	35.32
MS3116F12-10S+	10	12	93F3379	48.20	43.24	38.99
MS3116F14-19S+	19	14	93F3381	57.21	51.32	46.27
MS3116F20-41S+	41	20	99F4897	87.98	78.92	71.16
MS3116F22-55S+	55	22	16F3635	108.98	97.76	88.14

KPT BOX MOUNTING RECEPTACLES (SOLDER CONTACTS)

Mfg. Part No.	Contacts	Shell Size	Stock No.	Price Each		
				1-4	5-9	10-24
MS3112E8-4P*	4	8	93F3382	19.70	17.67	15.93
MS3112E12-3P*	3	12	16F3636	19.34	17.35	15.64
MS3112E14-15P*	15	14	16F3637	27.85	24.98	22.52
MS3112E10-6P*	6	10	93F3384	18.54	16.63	14.99
MS3112E12-10P*	10	12	93F3386	27.24	24.44	22.03
MS3112E14-19P*	19	14	93F3388	31.31	28.09	25.33
MS3112E20-41P*	41	20	16F3638	54.56	48.94	44.13
MS3112E22-55P*	55	22	16F3639	57.09	51.21	46.17
MS3112E8-4S+	4	8	93F3383	24.94	22.37	20.17
MS3112E12-3S+	3	12	16F3640	28.68	25.73	23.20
MS3112E14-15S+	15	14	16F3641	38.90	34.90	31.46
MS3112E10-6S+	6	10	93F3385	22.42	20.12	18.14
MS3112E12-10S+	10	12	93F3387	32.68	29.32	26.43
MS3112E14-19S+	19	14	93F3389	28.38	25.45	22.95
MS3112E20-41S+	41	20	16F3642	79.23	71.08	64.09
MS3112E22-55S+	55	22	16F3643	82.75	74.23	66.93

\* = Pin contacts + = Socket contacts (8822)

DUST CAPS FOR MIL-C-26482 SERIES I AND II CIRCULAR CONNECTORS



Designed to be used with MIL-C-26482 Series I and II circular connectors. MS3180 series are used to protect plug mfg. part no. MS3116 and right-angle 08 style connectors; ordered separately. Go online or call. MS3181°C series are used to protect MS3110 and MS3112 series receptacles; ordered separately. Go online or call. MS3181°N series are used to protect MS3114 series jam nut receptacles; ordered separately. Go online or call. All are made of aluminum alloy and furnished with a sash chain. Available in two platings; olive drab chromate over cadmium and black anodized.

DUST CAPS FOR PLUGS — OLIVE DRAB CHROMATE OVER CADMIUM FINISH

Mfg. Part No.	Fits Shell Size	Stock No.	Price Each
			1-9
MS3180-8C	8	51K4653	14.63
MS3180-10C	10	51K4649	15.10
MS3180-12C	12	60K6551	15.56
MS3180-14C	14	33K9975	16.02
MS3180-16C	16	33K9977	16.50
MS3180-18C	18	71K7633	17.00
MS3180-20C	20	86K0053	17.51
MS3180-22C	22	57K1131	18.03
MS3180-24C	24	86K0054	18.57

DUST CAPS FOR PLUGS — BLACK ANODIZED FINISH

MS3180-10CA	10	33K9974	15.10
MS3180-12CA	12	57K1128	15.56
MS3180-14CA	14	33K9976	16.02
MS3180-16CA	16	57K1129	16.50
MS3180-18CA	18	33K9978	17.00
MS3180-20CA	20	57K1130	15.86
MS3180-22CA	22	33K9979	18.03
MS3180-24CA	24	51K4652	17.93

DUST CAPS FOR FLANGED RECEPTACLES — OLIVE DRAB CHROMATE OVER CADMIUM FINISH

MS3181-8C	8	86K0062	13.87
MS3181-10C	10	86K0055	14.30
MS3181-12C	12	71K7635	14.72

➔ CONTINUED ➔

**DUST CAPS FOR MIL-C-26482 SERIES I AND II CIRCULAR CONNECTORS (CONT.)**

**DUST CAPS FOR FLANGED RECEPTACLES — OLIVE DRAB CHROMATE OVER CADMIUM FINISH**

Mfg. Part No.	Fits Shell Size	Stock No.	Price Each
			1-9
MS3181-14C	14	33K9982	15.17
MS3181-16C	16	71K7637	15.62
MS3181-18C	18	51K4657	11.46
MS3181-20C	20	51K4659	16.57
MS3181-22C	22	33K9987	13.98
MS3181-24C	24	51K4660	17.58

**DUST CAPS FOR FLANGED RECEPTACLES — BLACK ANODIZED FINISH**

MS3181-8CA	8	29C2656	13.87
MS3181-10CA	10	57K1133	14.30
MS3181-12CA	12	57K1135	14.72
MS3181-14CA	14	41K1158	15.17
MS3181-16CA	16	57K1137	15.62
MS3181-18CA	18	57K1138	16.09
MS3181-20CA	20	33K9985	16.57
MS3181-22CA	22	57K1140	17.07
MS3181-24CA	24	33K9988	17.58

**DUST CAPS FOR JAM NUT RECEPTACLES — OLIVE DRAB CHROMATE OVER CADMIUM FINISH**

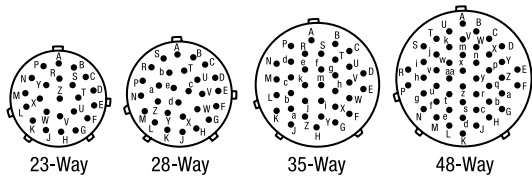
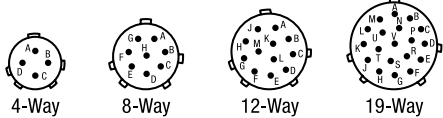
MS3181-8N	8	86K0063	15.49
MS3181-10N	10	86K0056	15.97
MS3181-12N	12	33K9980	16.45
MS3181-14N	14	33K9983	16.94
MS3181-16N	16	86K0057	17.45
MS3181-18N	18	81K3574	17.97
MS3181-20N	20	33K9986	18.51
MS3181-22N	22	86K0059	19.06
MS3181-24N	24	86K0060	19.65

**DUST CAPS FOR JAM NUT RECEPTACLES — BLACK ANODIZED FINISH**

MS3181-8NA	8	71K7638	13.07
MS3181-10NA	10	57K1134	15.97
MS3181-12NA	12	33K9981	16.45
MS3181-14NA	14	71K7636	16.94
MS3181-16NA	16	33K9984	17.45
MS3181-18NA	18	57K1139	17.97
MS3181-20NA	20	86K0058	18.51
MS3181-22NA	22	60K6553	19.06
MS3181-24NA	24	86K0061	19.64

(84869)

**CANNON TRIDENT RINGLOCK® PLASTIC-SHELL CIRCULAR CONNECTORS**



Contact Arrangements

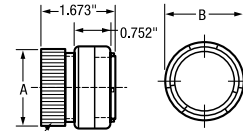


▶ CONTINUED ▶

**CANNON TRIDENT RINGLOCK® PLASTIC-SHELL CIRCULAR CONNECTORS (CONT.)**



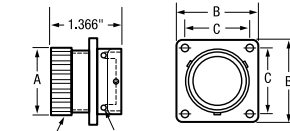
TNM Sealed Plug



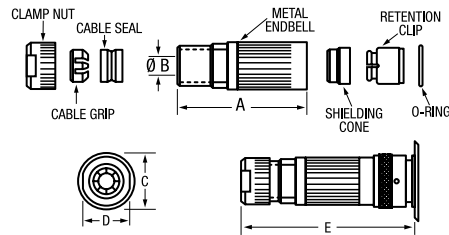
TNM Sealed Plug



TNM Sealed Flanged Receptacle



TNM Sealed Flanged Receptacle



TNM Shielded Gland Seal Endbell

Trident Ringlock® circular connectors offer economy of plastic body with ruggedness of metal ring coupling. Thermoplastic body, rated UL 94V-0. Nickel-plated copper alloy coupling ring. Accepts standard Trident signal contacts, ordered separately on page 822. Standard format requires male contact (pin) on plug side. Sealed receptacles come fitted with O-ring seal and when used with sealed cable clamps, ordered separately on page 822, provide splashproof sealing to IP67. Interchangeable and interchangeable with FCI Trim Trio™ circular connectors; order separately on pages 830-831. Order crimp and extraction tooling separately on page 822.

**RINGLOCK® STANDARD PLUGS FOR PIN CONTACTS**

Mfg. Part No.	Shell/Way	Dimensions			Stock No.	Price Each	
		A	B	C		1-24	25-49
● 192922-1250	10/4	0.85"	1.25"	0.43"	47M0092	11.69	9.93
● 192922-1260	12/8	0.98"	1.25"	0.54"	47M0093	11.21	9.52
● 192922-1270	14/12	1.10"	1.25"	0.67"	93F8977	13.51	11.47
● 192922-1280	16/19	1.23"	1.25"	0.78"	93F8978	14.80	12.57
● 192990-1320	18/23	1.35"	1.25"	0.88"	93F8980	16.09	13.67
● 192922-1290	20/28	1.48"	1.25"	1.01"	93F8981	18.10	15.37
● 192922-1300	22/35	1.60"	1.25"	1.12"	93F8982	19.75	16.77
● 192990-1340	24/48	1.73"	1.25"	1.25"	93F8983	15.56	13.22

**RINGLOCK® STANDARD SEALED RECEPTACLES FOR SOCKET CONTACTS**

Mfg. Part No.	Shell/Way	Dimensions			Stock No.	Price Each	
		A	B	C		1-24	25-49
● 192990-1660	10/4	0.96"	0.59"	0.94"	93F9011	8.56	7.27
● 192990-1670	12/8	0.96"	0.75"	1.03"	93F9012	10.30	8.75
● 192990-1680	14/12	0.96"	0.87"	1.12"	93F9013	9.13	7.76
● 192990-1690	16/19	0.96"	1.00"	1.21"	93F9014	9.78	8.31
● 192990-1710	18/23	0.96"	1.12"	1.30"	93F9016	10.45	8.88
● 192990-1720	20/28	1.06"	1.25"	1.43"	93F9017	16.38	13.91
● 192990-1730	22/35	1.10"	1.37"	1.55"	93F9018	13.41	11.39
● 192990-1740	24/48	1.20"	1.50"	1.68"	93F9019	13.24	11.25

**TRIDENT NEPTUNE® METAL (TNM) CONNECTORS**

TNM series of circular connectors is an extension of the standard Trident Neptune® and Ringlock® connector series but with advantage of RF shielding. TNM series connectors feature strong nickel-plated zinc alloy shells with a metal coupling ring for high-reliability and durability. Provide moisture sealing to IP67. When used with the shielded endbell, order separately below, the connector system provides complete RF shielding. Meets EMC requirements for cable-to-equipment or cable-to-cable applications. CE compliant. Order Trident® signal contacts and tooling separately on page 822.

**TNM STANDARD PLUGS**

Mfg. Part No.	Shell/Way	Dimensions		Stock No.	Price Each	
		A	B		1-24	25-49
192993-0011	10/4	0.689"	0.850"	04C5306	26.20	22.25
192993-0012	12/8	0.811"	0.976"	03H7467	20.45	17.37
192993-0013	14/12	0.957"	1.102"	04C5309	22.31	18.95
192993-0014	16/19	1.063"	1.229"	90B7939	24.25	20.60

**TNM STANDARD FLANGED RECEPTACLES**

Mfg. Part No.	Shell/Way	Dimensions			Stock No.	Price Each	
		A	B	C		1-24	25-49
192993-0031	10/4	0.689"	0.937"	0.719"	03H7468	22.16	18.82
192993-0032	12/8	0.811"	1.030"	0.812"	03H7469	23.85	20.26

▶ CONTINUED ▶



CIRCULAR CONNECTORS

CANNON TRIDENT RINGLOCK® PLASTIC-SHELL CIRCULAR CONNECTORS (CONT.)

Mfg. Part No.	Shell/Way	Dimensions			Stock No.	Price Each	
		A	B	C		1-24	25-49
192993-0033	14/12	0.957"	1.124"	0.898"	03H7470	25.17	21.38
192993-0034	16/19	1.063"	1.216"	0.969"	90B7940	23.31	19.80

**TNM SHIELDED GLAND SEAL ENDBELLS, 0.173-0.287" SEALING RANGE**  
Shielded gland seal endbells enable TNM series connectors to meet EMC requirements. Provide a simple and effective way to terminate, shield and properly seal round jacketed cable.

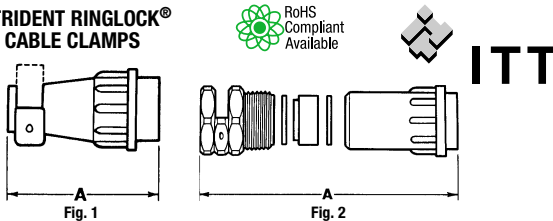
Mfg. Part No.	Shell Size	Dimensions					Stock No.	Price Each	
		A	B	C	D	E		1-24	25-49
192993-0081	10	2.228"	0.315"	0.705"	0.512"	3.403"	03H7471	36.23	30.77
192993-0082	12	2.232"	0.394"	0.827"	0.630"	3.403"	03H7472	45.76	38.87
192993-0083	14	2.244"	0.449"	0.945"	0.748"	3.407"	03H7473	45.09	38.30
192993-0084	16	2.260"	0.535"	1.079"	0.866"	3.410"	90B7938	43.14	36.65

TNM PLASTIC UNSEALED ENDBELLS

Mfg. Part No.	Shell Size	Stock No.	Price Each	
			1-24	25-49
192900-0639	10	03H7465	9.53	8.10
192900-0640	12	03H7466	9.58	8.14
192900-0286	14	95C0631	11.26	9.56
192900-0343	16	30C9083	11.26	9.56

(8704)

CANNON TRIDENT RINGLOCK® CIRCULAR CABLE CLAMPS



Standard cable clamps provide strain relief and protection for wires. Fit onto any Trident Ringlock® plug or receptacle sealed connector; order separately on pages 821-822. Sealed cable clamps provide strain relief and sealing to IP67 for jacketed cable.

STANDARD CABLE CLAMPS — FIG. 1

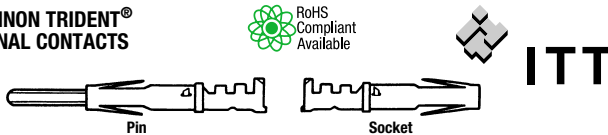
Mfg. Part No.	Shell Size	Dimension A	Stock No.	Price Each	
				1-49	50-99
192922-1310.	10	1.57" (39.90)	93F9029	5.54	4.71
192922-1320.	12	1.57" (40.00)	93F9030	12.45	10.59
192922-1330.	14	1.81" (46.00)	93F9031	6.10	5.18
192922-1340.	16	1.81" (46.00)	93F9032	4.11	3.50
192990-1510.	18	1.97" (50.00)	93F9033	5.91	5.02
192922-1350.	20	2.17" (55.00)	93F9034	6.79	5.77
192922-1360.	22	2.36" (60.00)	93F9035	6.79	5.77
192990-1520.	24	2.56" (65.00)	93F9036	11.74	9.97

SEALED CABLE CLAMPS — FIG. 2

192990-1530.	10	2.17" (55.00)	93F9037	13.89	11.80
● 192990-1540	12	2.28" (58.00)	93F9038	13.48	11.45
● 192990-1550	14	2.56" (65.00)	47M0123	15.47	13.14
192990-1560.	16	2.72" (69.00)	93F9040	12.60	10.70
192990-1570.	18	2.87" (73.00)	93F9041	17.83	15.15
192990-1580.	20	3.27" (83.00)	93F9042	19.58	16.63
192990-1590.	22	3.54" (90.00)	93F9043	19.91	16.91
192990-1600.	24	4.13" (105.00)	93F9044	25.24	21.44

(8710)

CANNON TRIDENT® SIGNAL CONTACTS



Can be used with Trident® series Ringlock® connectors, order separately. High performance two-piece stamped and formed design. Current rating: 13 amps/circuit. Available in tin or gold flash over nickel platings. No insulation support for size 14 AWG. Order crimp and extraction tooling separately. Sold in packages of 100.

TRIDENT® TIN-PLATED PINS

Mfg. Part No.	AWG	Insulation Diameter	Stock No.	Price per Pkg.	
				1-4	5-9
192990-0020.	24-28	0.035-0.062"	93F9066	29.58	28.05
● 192990-0040	20-22	0.046-0.082"	93F9068	26.10	24.75
192990-0060.	16-18	0.079-0.118"	93F9070	24.36	23.10
● 192990-1240	14	*	93F9072	27.84	26.40

➔ CONTINUED ➔

CANNON TRIDENT® SIGNAL CONTACTS (CONT.)

TRIDENT® TIN-PLATED SOCKETS

Mfg. Part No.	AWG	Insulation Diameter	Stock No.	Price per Pkg.	
				1-4	5-9
192990-0030.	24-28	0.035-0.062"	93F9067	29.58	28.05
192990-0050.	20-22	0.046-0.082"	93F9069	24.36	23.10
● 192990-0070	16-18	0.079-0.118"	93F9071	26.10	24.75
192990-1250.	14	*	93F9073	27.84	26.40

TRIDENT® GOLD-PLATED PINS

192990-0080.	24-28	0.035-0.062"	93F9074	31.32	29.70
192922-1460.	20-22	0.046-0.082"	93F9076	36.54	34.65
● 192990-0100	16-18	0.079-0.118"	93F9078	29.58	28.05
● 192990-1220	14	*	93F9080	31.32	29.70

TRIDENT® GOLD-PLATED SOCKETS

● 192990-0090	24-28	0.035-0.062"	93F9075	31.32	29.70
192922-1470.	20-22	0.046-0.082"	93F9077	27.84	26.40
● 192990-0110	16-18	0.079-0.118"	93F9079	36.54	34.65
192990-1230.	14	*	93F9081	31.32	29.70

\* Without insulation support.  
(8712)

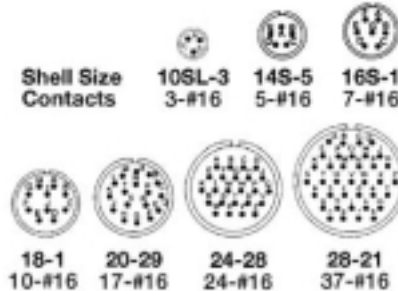
CANNON TRIDENT® CRIMP AND EXTRACTION TOOLING

For crimping or extracting Trident® signal contacts; order separately on this page.

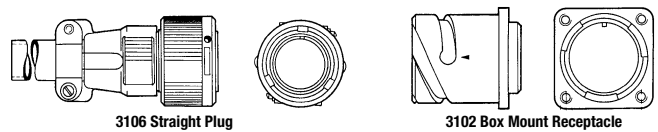
Mfg. Part No.	Description	Stock No.	Price Each
192900-0176.	Power Extraction Tool	93F9149	100.26
192922-1450.	Signal Contact Extraction Tool	93F9148	22.92
112108-0014	Signal Contact Crimp Tool, 16-28 AWG	93F9151	349.12
192922-1440	Contact Crimp Tool, Non-Ratcheted 14-28 AWG	91F1742	113.01

(8713)

CANNON POSITIVE LOCK ENVIRONMENTALLY-SEALED CA-BAYONET CONNECTORS



Contact Arrangements  
Mating Face View of Pin Insert



CA-Bayonet MIL-C-5015 style connectors have positive, quick mating 3-point reverse bayonet lock coupling system. Completely sealed to withstand moisture, condensation, vibration, and flash-over. When connector halves are mated, rear sealing grommet and interfacial seal at front create an environmentally sealed assembly. Feature the same shell dimensions, contact layouts, and performance characteristics as the threaded coupling MIL-C-5015 connectors, but do not intermate. Standard plugs mate with box mount receptacles; order separately below. Available with pin or socket, solder pot silver-plated copper alloy contacts. Aluminum alloy body with olive drab chromate-over-cadmium finish. Polychloroprene insulator. Standard plugs have integrated cable clamp. Rated up to 13 amps. 500-cycle minimum mating life. Operating temperature: -55°C to +125°C. Order wire hole fillers separately below.

STRAIGHT PLUGS WITH SOLDER POT PIN CONTACTS

Mfg. Part No.	Contacts	Stock No.	Price Each		
			1-24	25-49	50+
CA3106E10SL-3PB	3	66F9359	35.17	27.04	21.93
CA3106E14S-5PB	5	66F9360	37.13	28.54	23.16
CA3106E16S-1PB	7	66F9361	46.60	35.83	35.83
CA3106E18-1PB	10	66F9362	52.72	40.54	32.88
CA3106E20-29PB	17	66F9363	58.09	44.66	36.23
CA3106E24-28PB	24	66F9364	81.42	62.60	50.78
CA3106E28-21PB	37	66F9365	84.40	64.89	52.64

➔ CONTINUED ➔

**CANNON POSITIVE LOCK ENVIRONMENTALLY-SEALED CA-BAYONET CONNECTORS (CONT.)**

**STRAIGHT PLUGS WITH SOLDER POT SOCKET CONTACTS**

Mfg. Part No.	Contacts	Stock No.	Price Each		
			1-24	25-49	50+
CA3106E10SL-3SB	3	66F9367	36.80	28.29	22.95
CA3106E14S-5SB	5	66F9323	40.11	30.84	25.02
CA3106E16S-1SB	7	66F9324	50.34	38.70	38.70
CA3106E18-1SB	10	66F9325	62.39	47.97	38.91
CA3106E20-29SB	17	66F9326	71.28	54.81	44.46
CA3106E24-28SB	24	66F9327	93.74	72.07	58.46
CA3106E28-21SB	37	66F9328	108.16	83.15	67.45

**BOX MOUNT RECEPTACLES WITH SOLDER POT PIN CONTACTS**

Mfg. Part No.	Contacts	Stock No.	1-24	25-49	50+
CA3102E10SL-3PB05	3	66F9347	16.73	12.86	10.43
CA3102E14S-5PB05	5	66F9331	17.38	13.37	10.84
CA3102E16S-1PB05	7	66F9341	22.48	17.28	14.02
CA3102E18-1PB05	10	66F9332	23.51	18.07	14.66
CA3102E20-29PB05	17	66F9333	26.26	20.19	16.38
CA3102E24-28PB05	24	66F9334	39.74	30.56	24.79
CA3102E28-21PB05	37	66F9335	47.72	36.69	29.76

**BOX MOUNT RECEPTACLES WITH SOLDER POT SOCKET CONTACTS**

Mfg. Part No.	Contacts	Stock No.	1-24	25-49	50+
CA3102E10SL-3SB05	3	66F9330	17.60	13.53	10.98
CA3102E14S-5SB05	5	66F9348	20.95	16.11	13.07
CA3102E16S-1SB05	7	66F9349	26.20	20.14	16.34
CA3102E18-1SB05	10	66F9342	32.40	24.91	20.21
CA3102E20-29SB05	17	66F9343	39.53	30.39	24.65
CA3102E24-28SB05	24	66F9344	52.10	40.06	32.50
CA3102E28-21SB05	37	66F9345	71.50	54.97	44.59

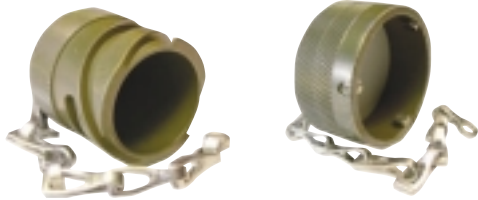
**WIRE HOLE FILLERS**

Mfg. part no. 225-0017-000 wire hole fillers are used to fill unused cavities and preserve watertight seal.

Mfg. Part No.	Stock No.	Price Each
225-0017-000	52F2894	0.29

(8821)

**DUST CAPS FOR CA SERIES REVERSE BAYONET CIRCULAR CONNECTORS**



Dust Cap For Plugs

Dust Cap For Receptacles

Designed to be used with CA-Bayonet reverse bayonet connectors; ordered separately on pages 822-823. 667-169 series dust caps are used to protect CA3106B and CA3108B series plugs. 667-168 series dust caps are used to protect CA3100B and CA3102B series receptacles. All are made of aluminum alloy and furnished with a sash chain. Olive drab chromate over cadmium plating. Black anodized plating available; go online or call Newark.

**DUST CAPS FOR PLUGS**

Mfg. Part No.	Fits Shell Size	Stock No.	Price Each
			1-9
667-169NF1S4-05	10SL	57K1382	21.23
667-169NF2S4.5-05	12S	86K0106	21.40
667-169NF3S4.5-05	14S	57K1383	21.67
667-169NF4S4.5-05	16	86K0107	23.60
667-169NF5S5-05	16S	86K0108	21.60
667-169NF6S5-05	18	86K0109	20.78
667-169NF7S5.5-03	20	86K0110	25.40
667-169NF8S5.5-03	22	86K0111	25.98
667-169NF9S5.5-03	24	86K0112	27.15
667-169NF10S8-03	28	73K9989	31.88
667-169NF11S8-07	32	86K0104	33.36
667-169NF12S8-07	36	52K2607	35.49
667-169NF13S8-07	40	86K0105	38.83

**DUST CAPS FOR RECEPTACLES**

Mfg. Part No.	Fits Shell Size	Stock No.	Price Each
			1-9
667-168NF1S4-05	10SL	86K0094	20.92
667-168NF2S4.5-05	12S	86K0098	21.23
667-168NF3S4.5-05	14S	86K0099	22.19
667-168NF4S4.5-05	16	86K0100	22.43
667-168NF5S5-05	16S	86K0101	22.57
667-168NF6S5-05	18	86K0102	18.57
667-168NF7S5.5-05	20	57K1380	19.26

▶ CONTINUED ▶

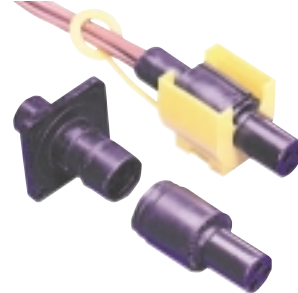
**DUST CAPS FOR CA SERIES REVERSE BAYONET CIRCULAR CONNECTORS (CONT.)**

**DUST CAPS FOR RECEPTACLES**

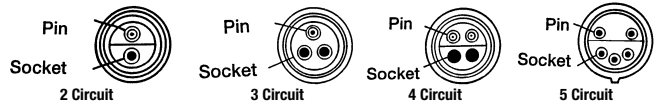
Mfg. Part No.	Fits Shell Size	Stock No.	Price Each
			1-9
667-168NF8S5.5-05	22	57K1381	20.33
667-168NF9S5.5-05	24	86K0103	27.91
667-168NF10S8-07	28	86K0095	25.19
667-168NF11S8-07	32	57K1379	32.01
667-168NF12S8-07	36	86K0096	45.35
667-168NF13S7-07	40	86K0097	49.13

(84875)

**ENVIRONMENTALLY SEALED CIRCULAR CONNECTORS**



3



Both Sure Seal and Mini Sure-Seal consist of a one-piece elastomeric molded body and multiple moisture seals that make these circular connectors ideal for applications where outside contaminants must be excluded. Meet or exceed DOT requirements for shock vibration, temperature cycling, salt-water spray and immersion, petroleum derivatives, and industrial gas. Water submersible, sealed to requirements of IP67 and DIN 400 50. Operating voltage: 400VAC. Current rating: 15A. Wire gauge: 18-20 AWG. Mating life: 50 cycles min. Operating temperature: -40°C to +105°C. Sure-Seal current rating: 15 Amps, 14-18 AWG. Mini Sure-Seal current rating: 8 Amps, 18-20 AWG. Order tin-plated copper alloy crimp contacts, accessories and tools separately below. NOTE: Insert views (shown above) from mating face of plug.

**STRAIGHT PLUGS**

Mfg. Part No.	No. of Circuits	Stock No.	Price Each	
			1-9	10-24
● 120-1807-000	2	66F8875	1.93	1.74
● 120-1808-000	3	66F8876	1.93	1.73
● 120-1809-000	4	66F8877	2.31	2.07
● 120-8552-102	4	94C0945	2.48	2.24
● 120-1841-000	5	66F8878	3.52	3.17

**STRAIGHT RECEPTACLES**

Mfg. Part No.	No. of Circuits	Stock No.	Price Each	
			1-9	10-24
● 120-1804-000	2	66F8881	1.84	1.65
● 120-1805-000	3	66F8882	1.98	1.78
● 120-1806-000	4	66F8883	2.24	2.01
● 120-8551-102	4	94C0946	2.48	2.24
● 120-1839-000	5	66F8884	3.64	3.28

**MINI SURE-SEAL PLUGS**

● 120-8552-100	2	19C0675	2.23	2.00
● 120-8552-101	3	91B5437	3.05	2.75

**MINI SURE-SEAL RECEPTACLES**

● 120-8551-100	2	19C0676	2.25	2.03
● 120-8551-101	3	91B4910	2.48	2.24

**CONTACTS**

Mfg. Part No.	Description	Stock No.	Price Each	
			1-9	10-24
030-2196-001	Pin Contact, 14-18 AWG	66F8891	0.33	0.30
031-1267-001	Socket Contact, 14-18 AWG	66F8892	0.43	0.38
031-8703-100	9A Socket Contact, 18-20AWG	19C0677	1.14	1.03
● 330-8672-100	9A Pin Contact, 18-20AWG	19C0678	0.43	0.39
● 225-0093-000	Wire Hole Fillers	66F8911	0.12	0.11

**JACKET SEALING BOOTS**

Mfg. Part No.	Description	Stock No.	Price Each	
			1-9	10-24
● 317-1398-000	For 2 Circuits, 0.208-0.228" Cable O.D.	66F8887	3.45	3.11
● 317-1397-000	For 3-4 Circuits, 0.220-0.240" Cable O.D.	66F8888	3.93	3.53
● 317-1399-000	For 3-4 Circuits, 0.345-0.380" Cable O.D.	66F8889	3.95	3.56
● 317-8657-000	For 5-7 Circuits, 0.283-0.331" Cable O.D.	66F8890	4.28	3.86

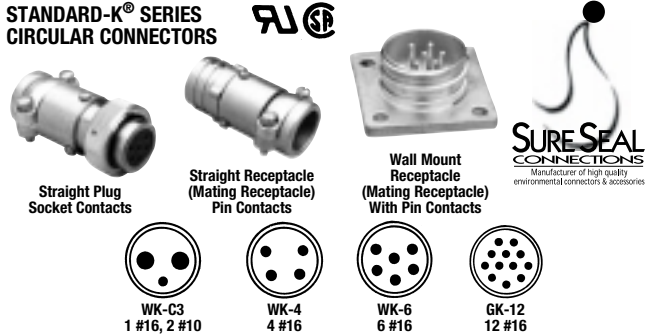
▶ CONTINUED ▶

CIRCULAR CONNECTORS

ENVIRONMENTALLY SEALED CIRCULAR CONNECTORS (CONT.)

Mfg. Part No.	Description	Stock No.	Price Each	
			1-9	10-24
● 317-1408-000	For 3-4 Circuits, Insertion Holding Blocks	66F8915	48.45	43.47
070306-0000	Insertion Tool, 14-18 AWG	66F8913	72.73	65.24
SSI-CS10 (33371)	Hand Crimp Tool, 14-18 AWG	32C0296	271.82	244.41

STANDARD-K® SERIES CIRCULAR CONNECTORS



Standard-K® quick-disconnect connectors are rugged, reliable, lightweight and economical. Do not require special tooling or wire preparation. Simple, foolproof assembly, using a soldering iron and a screwdriver. Body: aluminum alloy with clear chromate over cadmium. Insulators: diallyl phthalate or fabricated phenolic. Contacts: copper alloy with silver plating. Operating temperature: -67°F to +257°F. Available in a wide range of insert configurations with a mixture of both power and signal contacts; go online or call. NOTE: Insert views (shown above) from mating face of pin insert.

STRAIGHT PLUGS WITH SOCKET CONTACTS

Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-9	10-24
WK-C3-21C-1/2	3	66F9603	83.46	74.78
WK-4-21C-1/2	4	66F9604	77.26	69.23
WK-6-21C-1/2	6	66F9605	73.18	65.65
GK-12-21C-1/2	12	66F9607	127.03	113.82

STRAIGHT RECEPTACLES WITH PIN CONTACTS

Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-9	10-24
WK-C3-22C-1/2	3	66F9611	74.45	66.71
WK-4-22C-1/2	4	66F9612	56.16	50.32
WK-6-22C-1/2	6	66F9614	59.25	53.09
GK-12-22C-1/2	12	66F9615	105.10	94.17

WALL MOUNT RECEPTACLES WITH PIN CONTACTS

Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-9	10-24
WK-4-32SL	4	66F9600	37.90	33.96
WK-6-32SL	6	66F9597	35.88	32.16

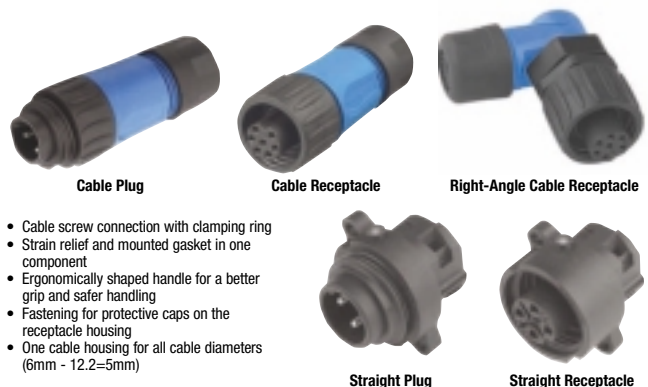
(33370)

ECOMATE CIRCULAR CONNECTORS



Amphenol

Amphenol-Tuchel Electronics GmbH



- Cable screw connection with clamping ring
- Strain relief and mounted gasket in one component
- Ergonomically shaped handle for a better grip and safer handling
- Fastening for protective caps on the receptacle housing
- One cable housing for all cable diameters (6mm - 12.2=5mm)

Body material: thermoplastic. Insulation voltage: 250V except for screw termination (400V). Carry current: 16A (screw), 10A (solder), 13A (crimp). Order protective covers, backshells and cable clamp separately below.

CABLE PLUGS — STRAIN RELIEF WITH CLAMPING RING

Mfg. Part No.	Termination	No. of Positions	Contact Plating	Stock No.	Price Each	
					1-9	10-49
● C016 20H003 100 12	Screw	3	Silver	81K1476	9.03	7.97
● C016 30H006 100 12	Solder	6	Silver	81K1500	9.90	8.73
● C016 30H006 200 12	Solder	6	Gold	81K1504	15.46	13.64

➔ CONTINUED ➔

ECOMATE CIRCULAR CONNECTORS (CONT.)

CABLE PLUGS — INTERNAL STRAIN RELIEF + CLAMPING RING

Mfg. Part No.	Termination	No. of Positions	Contact Plating	Stock No.	Price Each	
					1-9	10-49
● C016 20H003 110 12	Screw	3	Silver	81K1478	9.75	8.60
● C016 30H006 110 12	Solder	6	Silver	16M5013	10.92	9.63
● C016 30H006 210 12	Solder	6	Gold	81K1506	16.32	14.40
● C016 10H006 010 12*	Crimp	6	...	81K1448	5.79	5.11

RIGHT-ANGLE CABLE PLUGS — STRAIN RELIEF WITH CLAMPING RING

● C016 20K003 100 12	Solder	6	Silver	81K1484	16.40	14.47
● C016 30K006 100 12	Crimp	6	Silver	81K1508	17.27	15.24
● C016 10K006 000 12*	Screw	3	...	81K1457	11.02	9.72

STRAIGHT RECEPTACLES — STRAIN RELIEF WITH CLAMPING RING

● C016 20G003 100 12	Screw	3	Silver	81K1473	7.86	6.93
● C016 20G003 200 12	Screw	3	Gold	81K1474	13.88	12.24
● C016 30G006 100 12	Solder	6	Silver	81K1497	9.75	8.60
● C016 30G006 200 12	Solder	6	Gold	81K1498	15.10	13.32
● C016 10G006 000 12*	Crimp	6	...	81K1441	3.01	2.66

CABLE RECEPTACLES — STRAIN RELIEF WITH CLAMPING RING

● C016 20D003 100 12	Screw	3	Silver	81K1464	8.34	7.36
● C016 20D003 200 12	Screw	3	Gold	81K1468	15.79	13.93
● C016 30D006 100 12	Solder	6	Silver	81K1488	11.50	10.15
● C016 30D006 200 12	Solder	6	Gold	81K1492	16.68	14.72

CABLE RECEPTACLES — INTERNAL STRAIN RELIEF + CLAMPING RING

● C016 20D003 110 12	Screw	3	Silver	81K1466	9.54	8.42
● C016 20D003 210 12	Screw	3	Gold	81K1470	17.29	15.26
● C016 30D006 110 12	Solder	6	Silver	81K1490	12.65	11.16
● C016 30D006 210 12	Solder	6	Gold	81K1494	17.47	15.42
● C016 10D006 010 12*	Crimp	6	...	81K1432	6.18	5.45

RIGHT-ANGLE CABLE RECEPTACLES — STRAIN RELIEF WITH CLAMPING RING

● C016 20F003 100 12	Solder	6	Silver	81K1472	17.47	15.42
● C016 30F006 100 12	Crimp	6	Silver	81K1496	19.66	17.35
● C016 10F006 000 12*	Screw	3	...	81K1440	12.27	10.83

STRAIGHT PLUGS — STRAIN RELIEF WITH CLAMPING RING

● C016 20C003 100 12	Screw	3	Silver	81K1461	7.02	6.19
● C016 20C003 200 12	Screw	3	Gold	81K1462	11.94	10.53
● C016 30C006 100 12	Solder	6	Silver	81K1485	8.70	7.68
● C016 30C006 200 12	Solder	6	Gold	81K1486	14.26	12.58
● C016 10C006 000 12*	Crimp	6	...	81K1425	3.12	2.75

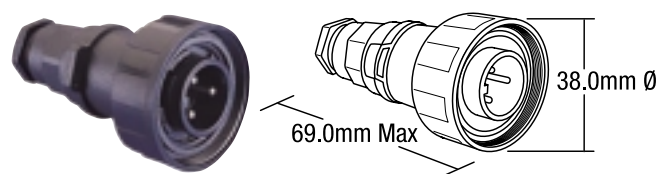
\* Without contacts.

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each	
			1-9	10-49
● C016 00U000 010 12	Protective Cover for Male Cable Connector	81K1422	6.07	
● C016 00U000 000 12	Protective Cover for Male Receptacle	81K1421	5.51	
● C016 00V000 010 12	Protective Cover for Female Cable Connector	81K1424	5.31	
● C016 00V000 000 12	Protective Cover for Female Receptacle	81K1423	7.60	
● C016 G09 041 G10 X	Backshell, Right-Angled with Clamping Ring, Black	81K1419	114.78	
● C016 G09 042 G10 X	Backshell, Right-Angled with Clamping Ring, Blue	81K1420	116.49	
● N16 110 2000 X	Cable Clamp for Straight Cable Connectors	03H9899	17.85	

(85832)

STANDARD BUCCANEER® SEALED CABLE CONNECTORS



- Sealed to IP68 when mated
- Overall diameter of 38mm
- Housing resistant to dust, oil and salt water
- Leading ground contact for 3 way versions
- Cable acceptance: 6-8mm; 3.5-9mm with alternative glands
- Color: Black

Buccaneer® environmentally sealed cable connectors are specifically designed for harsh applications where water, dust, oil or spray could present a hazard. These robust connectors are dust and waterproof to IP68. Mates with in-line and panel mount Buccaneer® sealed connectors; order separately on page 825. Screw termination on 2, 3, 4, 6 and 7 way, crimp on 9 way, crimp or solder on 12 and 25 way. Order 12 and 25 way contacts separately; go online or call Newark

PLUGS

Mfg. Part No.	Contacts	Current Rating	Stock No.	Price Each	
				1-24	25-49
● PX0736/P	2	10A, 250V	48F2433	9.06	8.06
● PX0731/P	3	10A, 250V	48F2438	9.63	8.57

➔ CONTINUED ➔



CIRCULAR CONNECTORS

STANDARD BUCCANEER® SEALED CABLE CONNECTORS (CONT.)

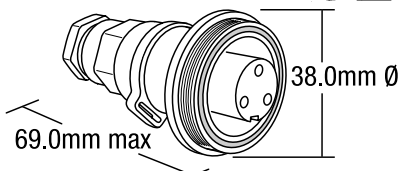
Mfg. Part No.	Contacts	Current Rating	Stock No.	Price Each	
				1-24	25-49
● PX0748/P	4	6A, 250V	50B9070	11.23	10.30
● PX0739/P	6	3A, 250V	48F2443	10.81	9.62
● PX0745/P	7	3A, 250V	92B4506	11.91	10.92
● PX0728/P	9	5A, 50V	95B9277	10.57	9.69
● PX0794/P	12	5A, 50V	33K3613	10.75	9.57
● PX0820/P	25	1A, 50V	01C7958	6.51	5.97

SOCKETS

Mfg. Part No.	Contacts	Current Rating	Stock No.	Price Each	
				1-24	25-49
● PX0736/S	2	10A, 250V	48F2448	10.91	9.71
● PX0731/S	3	10A, 250V	48F2453	11.46	10.20
● PX0748/S	4	6A, 250V	40C2717	12.89	11.82
● PX0739/S	6	3A, 250V	48F2458	13.89	12.36
● PX0745/S	7	3A, 250V	65C0035	14.81	13.58
● PX0728/S	9	5A, 50V	01C8760	10.57	9.69
● PX0794/S	12	5A, 50V	33K3614	10.75	9.57
● PX0820/S	25	1A, 50V	92C5359	6.51	5.97

(41771)

STANDARD BUCCANEER® SEALED IN-LINE CABLE CONNECTORS



- Sealed to IP68 when mated
- Overall diameter: 38mm
- Housing resistant to dust, oil and salt water
- Leading ground contact for 3 way versions

- Cable acceptance: 6-8mm, 3.5-9mm with alternative glands
- Color: Black

In-line environmentally sealed cable connectors are specifically designed for harsh applications where water, dust, oil or spray could present a hazard. Dust and waterproof to IP68. Mate with standard Buccaneer® sealed cable connectors; order separately on pages 824-825. Screw termination on 2, 3, 4, 6 and 7 way, crimp on 9 way, crimp or solder on 12 and 25 way. Order 12 and 25 way contacts separately; go online or call Newark

PLUGS

Mfg. Part No.	Contacts	Current Rating	Stock No.	Price Each	
				1-24	25-49
● PX0737/P	2	10A, 250V	48F2434	10.10	9.02
● PX0732/P	3	10A, 250V	48F2439	10.66	9.52
● PX0749/P	4	6A, 250V	92C2482	12.89	11.82
● PX0740/P	6	3A, 250V	48F2444	11.62	10.37
● PX0746/P	7	3A, 250V	92C5338	13.68	12.21
● PX0729/P	9	5A, 50V	92B5652	12.12	11.12
● PX0795/P	12	5A, 50V	33K3615	10.07	8.99
● PX0821/P	25	1A, 50V	92C5360	6.87	6.13

SOCKETS

Mfg. Part No.	Contacts	Current Rating	Stock No.	Price Each	
				1-24	25-49
● PX0737/S	2	10A, 250V	48F2449	11.06	9.87
● PX0732/S	3	10A, 250V	48F2454	12.41	11.08
● PX0749/S	4	6A, 250V	73C0751	14.66	13.45
● PX0740/S	6	3A, 250V	48F2459	14.06	12.55
● PX0746/S	7	3A, 250V	92C5339	16.58	14.80
● PX0729/S	9	5A, 50V	92C2480	12.12	11.12
● PX0795/S	12	5A, 50V	33K3616	10.07	8.99
● PX0821/S	25	1A, 50V	20K7497	6.39	5.70

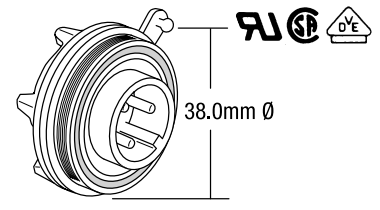
(72426)

Download RoHS Certificates of Compliance.

Find Certificates of Compliance in the *Tech Info* column on our search results pages. Visit us online today.

(94660)

STANDARD BUCCANEER® SEALED PANEL CONNECTORS



- Panel mounting connector
- Single hole fixing
- Mounting hole diameter: 35.5mm nom. plus keyway
- Sealed to IP68 when mated

- Overall diameter 38mm
- Housing resistant to dust, oil and salt water
- Leading ground contact for 3 way versions
- Color: Black

Panel mount environmentally sealed connectors are specifically designed for harsh applications where water, dust, oil or spray could present a hazard. Dust and waterproof to IP68. Mate with standard Buccaneer® cable connectors; order separately on pages 824-825 and on this page. Screw termination on 2, 3, 4, 6 and 7 way, crimp on 9 way, crimp or solder on 12 and 25 way. Order 12 way contacts separately; go online or call Newark

PLUGS

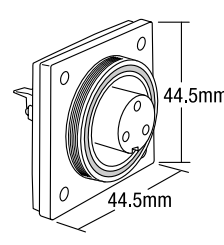
Mfg. Part No.	Contacts	Current Rating	Stock No.	Price Each	
				1-24	25-49
● PX0735/P	2	10A, 250V	48F2435	7.08	6.30
● PX0730/P	3	10A, 250V	48F2440	7.79	6.93
● PX0747/P	4	6A, 250V	92C2481	8.96	8.22
● PX0738/P	6	3A, 250V	48F2445	8.78	7.81
● PX0744/P	7	3A, 250V	90B5240	9.94	8.87
● PX0727/P	9	5A, 50V	92B5649	8.15	7.54
● PX0796/P	12	5A, 50V	33K3617	11.13	9.91
● PX0822/P	25	1A, 50V	92C5361	4.90	4.38

SOCKETS

Mfg. Part No.	Contacts	Current Rating	Stock No.	Price Each	
				1-24	25-49
● PX0735/S	2	10A, 250V	48F2450	8.94	7.96
● PX0730/S	3	10A, 250V	48F2455	9.63	8.57
● PX0747/S	4	6A, 250V	50B1189	10.54	9.66
● PX0738/S	6	3A, 250V	48F2460	11.83	10.64
● PX0744/S	7	3A, 250V	50B1188	12.88	11.50
● PX0727/S	9	5A, 50V	92B5653	8.30	7.61
● PX0796/S	12	5A, 50V	33K3618	11.13	9.91
● PX0822/S	25	1A, 50V	01C5761	4.90	4.38

(72427)

STANDARD BUCCANEER® SEALED FLANGE CONNECTORS



- Low-Profile Flange Mounting
- Fixing Holes: 4 x 3.8mm Dia. at 33.3mm Centers
- Sealed to IP68 When Mated
- Screw Termination on 2, 3, 4 and 6 Way, Crimp on 9 Way

- Housing Resistant to Dust, Oil and Salt Water
- Leading Ground Contact for 3 Way Versions
- Color: Black

Flange mount environmentally sealed connectors are specifically designed for harsh applications where water, dust, oil or spray could present a hazard. Dust and waterproof to IP68. UL recognized, CSA certified, VDE approved. Mate with standard Buccaneer® cable connectors; order separately on pages 824-825 and on this page.

PLUGS

Mfg. Part No.	Contacts	Current Rating	Stock No.	Price Each	
				1-24	25-49
● PX0764/P	2	10A, 250V	48F2437	9.32	8.30
● PX0765/P	3	10A, 250V	48F2442	9.32	8.30
● PX0766/P	4	6A, 250V	40C2714	9.59	8.79
● PX0767/P	6	3A, 250V	48F2447	10.28	9.15
● PX0769/P	9	5A, 150V	40C2713	12.04	11.04

SOCKETS

Mfg. Part No.	Contacts	Current Rating	Stock No.	Price Each	
				1-24	25-49
● PX0764/S	2	10A, 250V	48F2452	10.42	9.28
● PX0765/S	3	10A, 250V	48F2457	11.11	9.89
● PX0766/S	4	6A, 250V	40C2715	12.40	11.37
● PX0767/S	6	3A, 250V	48F2462	12.77	11.36
● PX0769/S	9	5A, 150V	40C2716	12.04	11.04

(72420)

CIRCULAR CONNECTORS

STANDARD BUCCANEER® PCB CONNECTOR



- Single nut fixing
- Mates with cable connector
- Rear panel mounting
- Plug or socket versions
- Overall diameter: 38mm

PLUGS

Mfg. Part No.	Contacts	Current Rating (A)	Stock No.	Price Each		
				1-49	50-99	100-249
● PX0707/P/03	3	10	65K3297	10.05	9.13	8.39
● PX0707/P/06	6	3	65K3298	12.13	11.03	10.12
● PX0707/P/09	9	5	65K3299	14.42	13.11	12.04
● PX0707/P/12	12	5	65K3300	15.93	14.48	13.29
● PX0707/P/25	25	1	18M2906	24.30	22.09	20.29

SOCKETS

● PX0707/S/03	3	10	65K3301	12.73	11.57	10.62
● PX0707/S/06	6	3	65K3302	16.71	15.19	13.95
● PX0707/S/09	9	5	65K3303	18.21	16.56	15.20
● PX0707/S/12	12	5	65K3304	19.75	17.95	16.49
● PX0707/S/25	25	1	18M2907	28.10	25.55	23.46

(85739)

ACCESSORIES FOR STANDARD BUCCANEER® SEALED CONNECTORS



Cable Support



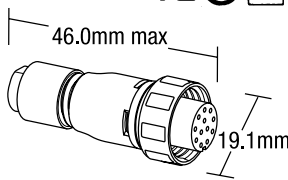
Sealing Caps

- Sealing caps maintain IP68 rating of unmated connectors
- Caps double as assembly tool to fit inserts
- Pack of 3 alternative cable glands: 3.5-5mm, 5-7mm and 7-9mm
- Cable support suitable for 5-7mm cable diameters
- In-line cable joiner supplied with 3-way terminal block
- Crimp tool for 9-way contacts

Mfg. Part No.	Description	Stock No.	Price Each	
			1-24	25-49
● PX0733	Sealing Cap to Fit Other Types	48F2467	1.03	0.94
● PX0734	Sealing Cap to Fit Other Cable Connectors	36K2024	1.34	1.23
● SA3253	Alternative Cable Glands -Sold in Pkg. of 3	48F2471	0.39	0.35
● 12237	Cable Support	48F2478	1.10	0.74
● 13826	Crimp Tool	74C6864	146.48	146.48
14025	9-way Crimp Tool	92C2560	632.88	632.88
14025/5AMP	12-way Crimp Tool	92C2562	104.30	104.30
13027	Insertion Tool for 25-way contacts	92C2531	7.13	6.54

(41772)

400 SERIES BUCCANEER® SEALED CABLE CONNECTORS



- Waterproof and Dustproof to IP68
- Overall Diameter: 19mm
- Accepts Pin and Socket Contacts
- Ratings from 8A, 250V to 1A, 50V
- Cable Sealing Range from 3.0mm to 7.0mm O.D.
- Contact Accommodation: 2, 3 Pole, 20-24 AWG; 4, 6, 8 Pole, 22-26 AWG; 10, 12 Pole, 24-28 AWG
- Flammability Rating: UL94V-0
- Operating Temperature Range: -40° to +80°C

Mates with **mfg. part no. PX0411** flex inline cable connectors and **mfg. part no. PX0412** panel mount connectors; order separately. Go online or call. Order gold-plated crimp or solder contacts separately. Go online or call. Order cable glands and sealing caps to maintain IP68, and contact insertion tooling separately. Go online or call. UL recognized, CSA certified, VDE approved.

PLUGS

Mfg. Part No.	Contacts	Current Rating	Cable O.D. (mm)	Stock No.	Price Each	
					1-24	25-49
● PX0410/O2P/5560	2	8A	5.5 to 6	92C2433	5.16	4.73
● PX0410/O3P/5560	3	8A	5.5 to 6	92C2435	5.16	4.73
● PX0410/O4P/4550	4	5A	4.5 to 5	92C2437	5.16	4.73

➔ CONTINUED ➔

400 SERIES BUCCANEER® SEALED CABLE CONNECTORS (CONT.)

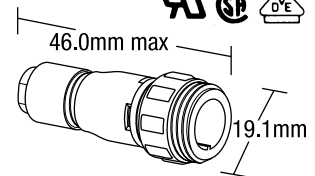
Mfg. Part No.	Contacts	Current Rating	Cable O.D. (mm)	Stock No.	Price Each	
					1-24	25-49
● PX0410/O6P/4550	6	5A	4.5 to 5	92C2439	5.16	4.73
● PX0410/O8P/6065	8	5A	6 to 6.5	92C2441	5.16	4.73
● PX0410/O10P/6065	10	1A	6 to 6.5	92C2443	5.16	4.73
● PX0410/O12P/6065	12	1A	6 to 6.5	92C2445	5.16	4.73

SOCKETS

Mfg. Part No.	Contacts	Current Rating	Cable O.D. (mm)	Stock No.	Price Each	
					1-24	25-49
● PX0410/O2S/5560	2	8A	5.5 to 6	92C2434	5.16	4.73
● PX0410/O3S/5560	3	8A	5.5 to 6	92C2436	5.16	4.73
● PX0410/O4S/4550	4	5A	4.5 to 5	92C2438	5.16	4.73
● PX0410/O6S/4550	6	5A	4.5 to 5	92C2440	5.16	4.73
● PX0410/O8S/6065	8	5A	6 to 6.5	92C2442	5.16	4.73
● PX0410/O10S/6065	10	1A	6 to 6.5	92C2444	5.16	4.73
● PX0410/O12S/6065	12	1A	6 to 6.5	92C2446	5.16	4.73

(72429)

400 SERIES BUCCANEER® SEALED CONNECTORS



- Waterproof and Dustproof to IP68
- Overall Diameter: 19mm
- Accepts Pin and Socket Contacts
- Ratings from 8A, 250V to 1A, 50V
- Cable Sealing Range from 3.0mm to 7.0mm O.D.

- Operating Temperature Range: -40° to +80°C
- Contact Accommodation: 2, 3 Pole, 20-24 AWG; 4, 6, 8 Pole, 22-26 AWG; 10, 12 Pole, 24-28 AWG
- Flammability Rating: UL94V-0

Mates with **mfg. part no. PX0410** cable connectors; order separately on this page. Order gold-plated crimp or solder contacts separately on page 827. Order cable glands, sealing caps to maintain IP68, and contact insertion tooling separately on page 827. UL recognized, CSA certified, VDE approved.

PLUGS

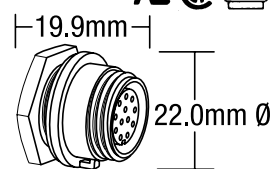
Mfg. Part No.	Contacts	Current Rating	Cable O.D. (mm)	Stock No.	Price Each	
					1-24	25-49
● PX0411/O2P/5560	2	8A	5.5 to 6	92C2447	5.26	4.82
● PX0411/O3P/5560	3	8A	5.5 to 6	92C2449	5.26	4.82
● PX0411/O4P/4550	4	5A	4.5 to 5	92C2451	5.26	4.82
● PX0411/O6P/4550	6	5A	4.5 to 5	92C2453	5.26	4.82
● PX0411/O8P/6065	8	5A	6 to 6.5	92C2455	5.26	4.82
● PX0411/O10P/6065	10	1A	6 to 6.5	92C2457	5.26	4.82
● PX0411/O12P/6065	12	1A	6 to 6.5	92C2459	5.26	4.82

SOCKETS

Mfg. Part No.	Contacts	Current Rating	Cable O.D. (mm)	Stock No.	Price Each	
					1-24	25-49
● PX0411/O2S/5560	2	8A	5.5 to 6	92C2448	5.26	4.82
● PX0411/O3S/5560	3	8A	5.5 to 6	92C2450	5.26	4.82
● PX0411/O4S/4550	4	5A	4.5 to 5	92C2452	5.26	4.82
● PX0411/O6S/4550	6	5A	4.5 to 5	92C2454	5.26	4.82
● PX0411/O8S/6065	8	5A	6 to 6.5	92C2456	5.26	4.82
● PX0411/O10S/6065	10	1A	6 to 6.5	92C2458	5.26	4.82
● PX0411/O12S/6065	12	1A	6 to 6.5	92C2460	5.26	4.82

(72430)

400 SERIES BUCCANEER® SEALED PANEL MOUNT CONNECTORS



- Waterproof and Dustproof to IP68
- Overall Diameter: 19mm
- Accepts Pin and Socket Contacts
- Ratings from 8A, 250V to 1A, 50V
- Cable Sealing Range from 3.0mm to 7.0mm O.D.

- Operating Temperature Range: -40° to +80°C
- Contact Accommodation: 2, 3 Pole, 20-24 AWG; 4, 6, 8 Pole, 22-26 AWG; 10, 12 Pole, 24-28 AWG
- Flammability Rating: UL94V-0

Mates with **mfg. Part No. PX0410** cable connectors; order separately on this page. Order gold-plated crimp or solder contacts separately on page 827. Order cable glands, sealing caps to maintain IP68, and contact insertion tooling separately on page 827. UL recognized, CSA certified, VDE approved.

➔ CONTINUED ➔

CIRCULAR CONNECTORS

400 SERIES BUCCANEER® SEALED PANEL MOUNT CONNECTORS (CONT.)

PLUGS

Mfg. Part No.	Contacts	Current Rating	Cable O.D. (mm)	Stock No.	Price Each	
					1-24	25-49
● PX0412/02/P/5560	2	8A	5.5 to 6	92C2461	4.17	3.86
● PX0412/03/P/5560	3	8A	5.5 to 6	92C2463	4.48	4.16
● PX0412/04/P/4550	4	5A	4.5 to 5	92C2465	4.48	4.16
● PX0412/06/P/4550	6	5A	4.5 to 5	92C2467	4.17	3.86
● PX0412/08/P/6065	8	5A	6 to 6.5	92C2469	4.48	4.16
● PX0412/10/P/6065	10	1A	6 to 6.5	92C2471	4.48	4.16
● PX0412/12/P/6065	12	1A	6 to 6.5	92C2473	4.48	4.16

SOCKETS

Mfg. Part No.	Contacts	Current Rating	Cable O.D. (mm)	Stock No.	Price Each	
					1-24	25-49
● PX0412/02/S/5560	2	8A	5.5 to 6	92C2462	4.48	4.16
● PX0412/03/S/5560	3	8A	5.5 to 6	92C2464	4.48	4.16
● PX0412/04/S/4550	4	5A	4.5 to 5	92C2466	4.48	4.16
● PX0412/06/S/4550	6	5A	4.5 to 5	92C2468	4.48	4.16
● PX0412/08/S/6065	8	5A	6 to 6.5	92C2470	4.48	4.16
● PX0412/10/S/6065	10	1A	6 to 6.5	92C2472	4.48	4.16
● PX0412/12/S/6065	12	1A	6 to 6.5	92C2474	4.48	4.16

(72431)

400 SERIES BUCCANEER® CONTACTS



- Choice of Crimp or Solder
- Gold-Plated

CRIMP CONTACTS (SOLD IN PACKAGES OF 10)

Mfg. Part No.	Description	For Use with No. Poles	Stock No.	Price per Pkg.	
				1-24	25-49
● SA3349	8A Socket	2, 3	92C3201	8.96	8.22
● SA3350	8A Pin	2, 3	92C3202	6.43	5.89
● SA3347	5A Socket	4, 6, 8	92C3197	8.26	7.57
● SA3348	5A Pin	4, 6, 8	92C3199	5.09	4.66
● SA3179	1A Socket	10, 12	05C0780	6.38	5.85
● SA3180	1A Pin	10, 12	05C0782	4.30	3.94

SOLDER CONTACTS (SOLD IN PACKAGES OF 10)

Mfg. Part No.	Description	For Use with No. Poles	Stock No.	Price per Pkg.	
				1-24	25-49
● SA3349/1	8A Socket	2, 3	79C4291	9.63	8.83
● SA3350/1	8A Pin	2, 3	79C4288	7.05	6.46
● SA3347/1	5A Socket	4, 6, 8	92C3198	8.26	7.57
● SA3348/1	5A Pin	4, 6, 8	92C3200	5.09	4.66
● SA3179/1	1A Socket	10, 12	81C7287	6.38	5.85
● SA3180/1	1A Pin	10, 12	92C2487	3.92	3.59

(72435)

400 SERIES BUCCANEER® ACCESSORIES



- Sealing Caps to Maintain IP68 Rating of Unmated Connectors
- Cable Sealing Gland Packs
- Installation Tools

Mfg. Part No.	Description	Stock No.	Price Each
			1-24
● PX0481	Sealing Cap for Mfg. Part No. PX0410 Connectors	92C2477	1.33
● PX0480	Sealing Cap for Mfg. Part No. PX0412 Connectors	92C2475	1.33
● PX0484	Sealing Cap for Mfg. Part No. PX0413 Connectors	34K0671	1.92
● PX0482	Gland Pack, 3.0 to 5.0mm O.D. Cable	92C2478	0.96
● PX0483	Gland Pack, 5.0 to 7.0mm O.D. Cable	92C2479	0.96
13027	Insertion Tool for 1A Contacts, 24-28 AWG	92C2531	7.13
13027/1	Insertion Tool for 5A Contacts, 22-26 AWG	92C2532	7.13
13027/2	Insertion Tool for 8A Contacts, 20-24 AWG	79C4285	7.13
14025	8-Indent Crimp Tool for Use with Positioners, Order Separately	92C2560	632.88
14025/1AMP	Positioner for 1A Crimp Tool	92C2561	104.30
14025/5AMP	Positioner for 5A Crimp Tool	92C2562	104.30
14025/8AMP	Positioner for 8A Crimp Tool	92C2563	104.30

(72432)

400 SERIES BUCCANEER SEALED PCB MOUNT CONNECTORS



- PCB mounting connector
- Straight PC spills
- Mounting hole dia. 19.2mm

- Rear panel mounting
- Mates with PX0410
- Supplied with contacts

PLUGS

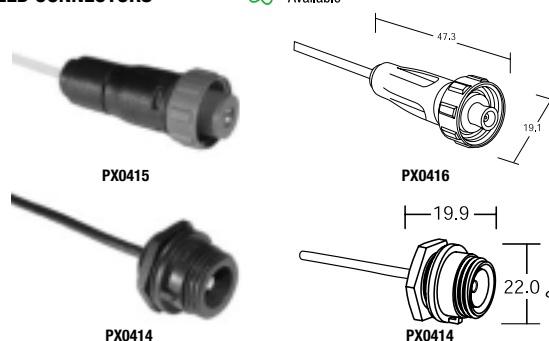
Mfg. Part No.	No. of Contacts	Current Rating (A)	Stock No.	Price Each
				1-49
● PX0413/02P/PC	2	8	18M2885	4.85
● PX0413/03P/PC	3	8	18M2889	5.89
● PX0413/04P/PC	4	5	34K0661	7.90
● PX0413/06P/PC	6	5	34K0663	9.91
● PX0413/08P/PC	8	5	34K0665	12.03
● PX0413/10P/PC	10	1	34K0667	13.19
● PX0413/12P/PC	12	1	34K0669	13.94

SOCKETS

● PX0413/02S/PC	2	8	18M2887	5.55
● PX0413/03S/PC	3	8	18M2891	6.69
● PX0413/04S/PC	4	5	34K0662	9.06
● PX0413/06S/PC	6	5	34K0664	11.28
● PX0413/08S/PC	8	5	34K0666	13.55
● PX0413/10S/PC	10	1	34K0668	15.43
● PX0413/12S/PC	12	1	34K0670	17.70

(84892)

SMB BUCCANEER SEALED CONNECTORS



- Water and dust proof to IP68 when mated
- Frequency range: 0-4GHz
- 50Ω impedance
- Overall diameter 19mm

- Pre-wired with RG-174 cable
- PX0415 and PX0416 mates with PX0414
- Gold plated SMB connectors

SMB BUCCANEER SEALED CABLE PLUG

Mfg. Part No.	Length (m)	Stock No.	Price Each
			1-49
● PX0415/1	N/A	35K3583	12.93
● PX0416/1M00	1	35K3584	14.14
● PX0416/3M00	3	35K3585	16.57
● PX0416/5M00	5	35K3586	19.17

SMB BUCCANEER SEALED PANEL JACK

● PX0414/0M50	0.5	35K3580	20.33
● PX0414/1M00	1	35K3581	21.44
● PX0414/1M50	1.5	35K3582	22.60

SMB BUCCANEER CONNECTOR ACCESSORIES

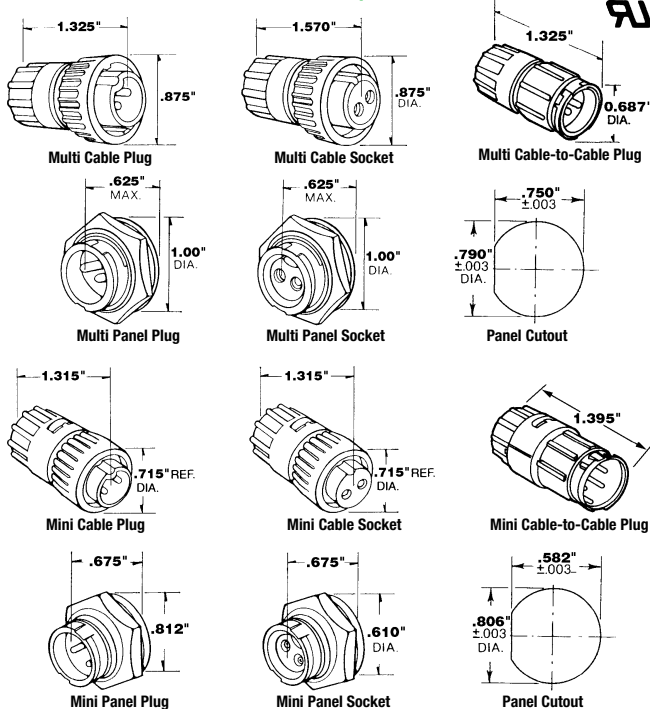
Mfg. Part No.	Description	Stock No.	Price Each
			1-24
● PX0480	Sealing Cap for PX0414	92C2475	1.33
● PX0481	Sealing Cap for PX0415	92C2477	1.33
● PX0485/BK	Sealing Cap for PX0416	18M2902	1.33
14319	Crimp Tool for SMB cable connector termination	35K3630	195.85

(84917)



CIRCULAR CONNECTORS

MULTI-CON-X® AND MINI-CON-X® INDOOR/OUTDOOR CONNECTORS



Indoor/outdoor connectors for industrial and marine applications. Non-corrosive, high-impact molded construction minimizes hazards of electrical shock and provides resistance to hostile outdoor environment. Suit wide range of non-environmental applications, such as communication systems, data processing, and entertainment devices. Available standard, miniature, and subminiature sizes; high-density connectors in cable end, panel mount or cable-to-cable. Solder cup contacts have gold-over-nickel plating. Type numbers with suffix -3XX include grommet seals. UL recognized. NOTE: When mating two cables, the cable-to-cable connectors need to be used in conjunction with the cable end connectors. For example: mfg. part no. 5182-2PG-3XX mates with mfg. part no. 3182-2SG-3XX.

MULTI-CON-X® CABLE END CONNECTORS

Mfg. Part No.	Contacts	Description	Stock No.	Price Each
				1-24
● 3182-2SG-3XX	2	Socket	89F4153	5.49
● 3182-2PG-3XX	2	Pin	89F4154	4.56
● 3182-3SG-3XX	3	Socket	89F4155	6.55
● 3182-3PG-3XX	3	Pin	89F4156	5.00
● 3282-4SG-3XX	4	Socket	89F4157	5.03
● 3282-4PG-3XX	4	Pin	89F4158	3.28
● 3282-5SG-3XX	5	Socket	89F4159	5.50
● 3282-5PG-3XX	5	Pin	89F4160	2.96
● 3282-6SG-3XX	6	Socket	89F4161	6.43
● 3282-6PG-3XX	6	Pin	89F4162	3.22
● 3282-7SG-3XX	7	Socket	89F4163	7.69
● 3282-7PG-3XX	7	Pin	89F4164	4.70
● 3282-8SG-3XX	8	Socket	89F4165	7.99
● 3282-8PG-3XX	8	Pin	89F4166	4.89
● 3282-9SG-3XX	9	Socket	89F4167	8.07
● 3282-9PG-3XX	9	Pin	89F4168	7.19

MULTI-CON-X® PANEL MOUNT SOLDER CUP CONNECTORS

● 4182-2SG-300	2	Socket	89F4185	4.06
● 4182-2PG-300	2	Pin	89F4186	3.31
● 4182-3SG-300	3	Socket	89F4187	5.15
● 4182-3PG-300	3	Pin	89F4188	4.43
● 4282-4SG-300	4	Socket	89F4189	4.48
● 4282-4PG-300	4	Pin	89F4190	3.88
● 4282-5SG-300	5	Socket	89F4191	5.41
● 4282-5PG-300	5	Pin	89F4192	3.83
● 4282-6SG-300	6	Socket	89F4193	5.98
● 4282-6PG-300	6	Pin	89F4194	4.07
● 4282-7SG-300	7	Socket	89F4195	6.80
● 4282-7PG-300	7	Pin	89F4196	5.06
● 4282-8SG-300	8	Socket	89F4197	7.14
● 4282-8PG-300	8	Pin	89F4198	4.91
● 4282-9SG-300	9	Socket	89F4199	7.95
● 4282-9PG-300	9	Pin	89F4200	5.27

▶ CONTINUED ▶

MULTI-CON-X® AND MINI-CON-X® INDOOR/OUTDOOR CONNECTORS (CONT.)

MULTI-CON-X® CABLE-TO-CABLE CONNECTORS

Mfg. Part No.	Contacts	Description	Stock No.	Price Each
				1-24
● 5182-2SG-3XX	2	Socket	93F7237	5.62
● 5182-2PG-3XX	2	Pin	93F7238	6.09
● 5182-3SG-3XX	3	Socket	93F7239	7.96
● 5182-3PG-3XX	3	Pin	93F7240	7.67
● 5282-4SG-3XX	4	Socket	93F7242	7.41
● 5282-4PG-3XX	4	Pin	93F7243	6.50
● 5282-6SG-3XX	6	Socket	93F7246	9.12
● 5282-6PG-3XX	6	Pin	93F7247	7.47
● 5282-7SG-3XX	7	Socket	93F7248	11.11
● 5282-7PG-3XX	7	Pin	93F7249	7.80

MINI-CON-X® CABLE END CONNECTORS

● 6282-2SG-3XX	2	Socket	89F4107	3.93
● 6282-2PG-3XX	2	Pin	89F4108	3.03
● 6282-3SG-3XX	3	Socket	89F4109	4.74
● 6282-3PG-3XX	3	Pin	89F4110	3.47
● 6282-4SG-3XX	4	Socket	89F4111	5.45
● 6282-4PG-3XX	4	Pin	89F4112	3.70
● 6282-5SG-3XX	5	Socket	89F4113	6.16
● 6282-5PG-3XX	5	Pin	89F4114	3.86
● 6282-6SG-3XX	6	Socket	89F4115	6.59
● 6282-6PG-3XX	6	Pin	89F4116	4.09

MINI-CON-X® PANEL MOUNT CONNECTORS

● 7282-2SG-300	2	Socket	89F4127	2.76
● 7282-2PG-300	2	Pin	89F4128	2.36
● 7282-3SG-300	3	Socket	89F4129	3.52
● 7282-3PG-300	3	Pin	89F4130	2.53
● 7282-4SG-300	4	Socket	89F4131	4.17
● 7282-4PG-300	4	Pin	89F4132	3.07
● 7282-5SG-300	5	Socket	89F4133	4.91
● 7282-5PG-300	5	Pin	89F4134	3.38
● 7282-6SG-300	6	Socket	89F4135	5.57
● 7282-6PG-300	6	Pin	89F4136	3.58

MINI-CON-X® CABLE-TO-CABLE CONNECTORS

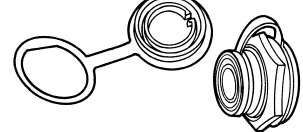
● 8282-2SG-3XX	2	Socket	93F7222	3.84
● 8282-2PG-3XX	2	Pin	93F7223	2.97
● 8282-3SG-3XX	3	Socket	93F7224	4.59
● 8282-3PG-3XX	3	Pin	93F7225	3.41
● 8282-4SG-3XX	4	Socket	93F7226	5.16
● 8282-4PG-3XX	4	Pin	93F7227	3.77
● 8282-5SG-3XX	5	Socket	93F7228	5.77
● 8282-5PG-3XX	5	Pin	93F7229	4.20
● 8282-6SG-3XX	6	Socket	93F7230	6.18
● 8282-6PG-3XX	6	Pin	93F7231	4.46

(8680)

WEATHERTIGHT CONNECTOR CAPS



One-piece, nonrotational, molded thermoplastic rubber black cap for fastening behind hex nut of panel mount connectors. Prevents tampering, contact damage; protects against weather.



Mfg. Part No.	Description	Stock No.	Price Each
			1-99
● 4295	For Multi-Con-X® Connectors	94F7043	0.88
● 6295	For Mini-Con-X® Connectors	94F7020	0.89
● 14295	For Maxi-Con-X® Connectors	93F7241	1.45
● 16295	For Micro-Con-X® Connectors	96F9190	0.93

(8681)

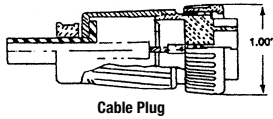
Talk to our team of engineers.

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

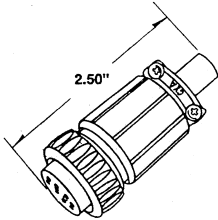
(94668)

CIRCULAR CONNECTORS

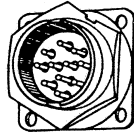
**MAXI-CON-X® HIGH-DENSITY CONNECTORS**



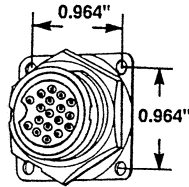
Cable Plug



Cable Socket



Panel Plug



Panel Socket

Weathertight, high-density glass-filled nylon connectors have screw-machined solder contacts with gold-over-nickel plating. Flanged panel mount connectors are installed through back of panel and can be fastened by hex nuts, rivets or screws through four molded holes in flange. Mechanical type cable clamp securely grips cable. Rubber gland adds support and offers environmental protection. Cable end connectors include rubber grommet seal to fit up to 0.25" (6.35) cable diameter and "O" ring; panel mount connectors supplied with hex nut and gasket. NOTE: When mating two cables, the cable-to-cable connectors need to be used in conjunction with the end connectors. For example: mfg. part no. 15182-7PG-326 mates with mfg. part no. 13182-7SG-321.

**MAXI-CON-X® CABLE END CONNECTORS**

Mfg. Part No.	Contacts	Description	Stock No.	Price Each	
				1-24	
13182-7SG-321	7	Socket	89F4207	13.84	
13182-7PG-321	7	Pin	89F4208	11.51	
13382-10SG-321	10	Socket	89F4209	15.07	
13382-10PG-321	10	Pin	89F4210	12.18	
13282-18SG-321	18	Socket	89F4211	18.80	
13282-18PG-321	18	Pin	89F4212	14.36	

**MAXI-CON-X® PANEL MOUNT CONNECTORS**

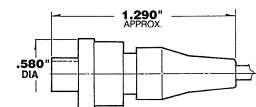
14182-7SG-300	7	Socket	89F4220	9.98
14182-7PG-300	7	Pin	89F4219	8.95
14382-10SG-300	10	Socket	89F4222	10.32
14382-10PG-300	10	Pin	89F4221	8.16
14282-18SG-300	18	Socket	89F4224	14.17
14282-18PG-300	18	Pin	89F4223	8.18

**MAXI-CON-X® CABLE-TO-CABLE CONNECTORS**

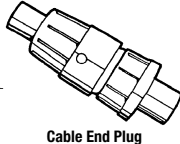
15182-7PG-326	7	Pin	93F7232	10.53
15382-10PG-326	10	Pin	93F7233	9.80
15282-18PG-326	18	Pin	93F7235	8.35

(8683)

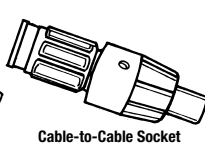
**MICRO-CON-X® SUBMINIATURE CONNECTORS**



Cable End Socket



Cable End Plug



Cable-to-Cable Socket

Environmentally sealed molded glass-filled nylon connectors small enough to fit 0.5" (12.70) opening. Reduce shock hazards and resist hostile indoor/outdoor conditions. Cable end version includes weathertight rubber grommet grip/seal; panel mount version includes hex nut and rubber gasket. Panel connectors mount 0.438" (11.11) round or "D" shaped hole from behind and securely fasten with hex nut on front of panel. Socket or pin type screw-machine size #20 gold over nickel plate solder cup contacts. NOTE: When mating two cable, the cable-to-cable connectors need to be used in conjunction with the cable end connectors, for example: mfg. part no. 18282-2PG-311.

**MICRO-CON-X® CABLE END CONNECTORS**

Mfg. Part No.	Contacts	Description	Stock No.	Price Each	
				1-24	
16282-2SG-311	2	Socket	93F7302	3.32	
16282-2PG-311	2	Pin	93F7303	3.52	
16282-3SG-311	3	Socket	93F7304	4.03	
16282-3PG-311	3	Pin	93F7305	2.95	

**MICRO-CON-X® PANEL MOUNT CONNECTORS**

17282-2SG-300	2	Socket	93F7299	3.27
17282-2PG-300	2	Pin	93F7298	2.73
17282-3SG-300	3	Socket	93F7301	3.47
17282-3PG-300	3	Pin	93F7300	3.04

**MICRO-CON-X® CABLE-TO-CABLE CONNECTORS**

18282-2SG-311	2	Socket	93F7254	4.38
18282-2PG-311	2	Pin	93F7219	2.03

➔ CONTINUED ➔

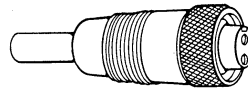
**MICRO-CON-X® SUBMINIATURE CONNECTORS (CONT.)**

**MICRO-CON-X® CABLE-TO-CABLE CONNECTORS**

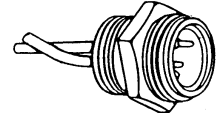
Mfg. Part No.	Contacts	Description	Stock No.	Price Each	
				1-24	
18282-3SG-311	3	Socket	93F7220	6.18	
18282-3PG-311	3	Pin	93F7221	3.80	

(8684)

**INDUSTRY-STANDARD MINI-MIZER® CONNECTORS**



Plug



Receptacle

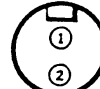


Fig. 1

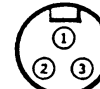


Fig. 2



Fig. 3

600V weathertight connectors for sensor, automotive, robotic, instrumentation and controls applications comply with UL, CSA, NEMA, ANSI and NFPA standards. Provide moisture-tight connection under 6" water. Black anodized machine aluminum receptacle has epoxy-sealed contacts and mating plug includes metallic coupling ring. Gold-plated screw-machined brass contacts resist corrosion and perform in low current applications. Plugs with socket type contacts available in 3, 6 and 12" lengths; receptacles with pin type contacts are designated by (\*) and include 1" leads. 16 AWG standard cable/wire size. UL recognized, CSA certified.

Mfg. Part No.	Fig.	Contacts	Cable Length	Description	Stock No.	Price Each	
						1-24	
162S72	1	2	6"	Plug	50F2149	24.45	
162S144	1	2	12"	Plug	50F2150	25.95	
172P12	1	2	1"	Receptacle	50F2151	10.85	
163S72	2	3	6"	Plug	50F2153	29.07	
163S144	2	3	12"	Plug	50F2154	35.46	
173P12	2	3	1"	Receptacle	50F2155	12.57	
164S36	3	4	3"	Plug	50F2156	29.21	
164S72	3	4	6"	Plug	50F2157	32.44	
164S144	3	4	12"	Plug	50F2158	40.09	
174P12	3	4	1"	Receptacle	50F2159	13.84	
165S36	...	5	3"	Plug	50F2160	29.87	
165S72	...	5	6"	Plug	50F2161	27.40	
175P12	...	5	1"	Receptacle	50F2163	14.01	

(8682)

**TRIM TRIO™ INTERCONNECTION SYSTEM**



Versatile connector system to support wide range of demanding applications from industrial and commercial to harsh environment and geophysical applications.

**TRIM TRIO™ Features:**

- Various housing styles
- Multiple contact configurations
- Multiple contact styles
- Front release contacts
- Environmentally sealed variations

- Standardization
- Versatility
- Reliability
- Economy

**DETAILS**

**Circular Connector Styles:**

- Full plastic, UTP series
- Full plastic sealed, UTS series
- Plastic with metal coupling, UTG series
- Full metal, UTO series

- Full metal, High density, UTOW series
- Ruggedized reverse bayonet, UTV series
- 5,000 mating cycle, MBG series

➔ CONTINUED ➔

CIRCULAR CONNECTORS

TRIM TRIO™ INTERCONNECTION SYSTEM (CONT.)

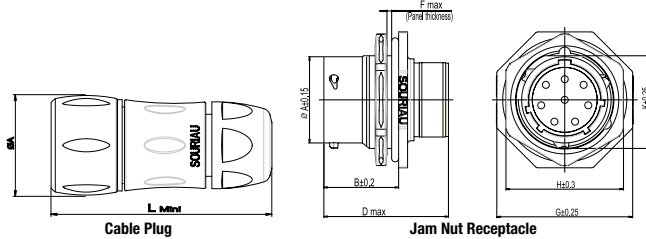
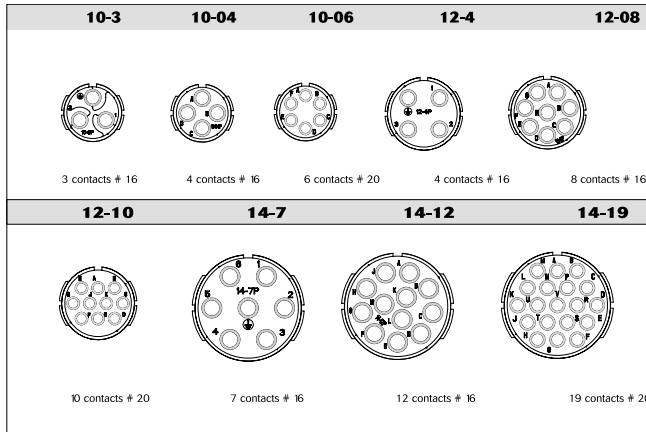
- Rectangular Connectors:**
- Rack and panel, SMS series
  - PC board version, SMS series

**SPECIFICATIONS**

- Circular Connector Styles:**
- 2 to 61 position connectors support power/signal applications and high density signal applications
  - Power, signal, coax, and fiber optic contacts offer the unique ability to mix power and signal in the same connector
  - Power contact current rating: 13 to 44A per contact
  - Signal contact current rating: 5 to 13A per contact
  - Fiber optic contacts: POF, PCF, or silica fibre
  - Coaxial contacts: Coaxial or twisted pair cables
  - Wire range accommodated: 8 to 30AWG
  - Wire termination style: Crimp, solder cup, or PCB tail
  - Environmental sealing IP65: Splash proof
  - Environmental sealing IP68/69K: Continuous immersion/dynamic sealing (60572)

3

TRIM TRIO PLASTIC SEALED CIRCULAR CONNECTORS



- Ergonomic design enhances aesthetic appeal
- Secure, reliable bayonet coupling system
- Environmentally sealed to dynamic IP68/IP69K
- Jam nut receptacle simplifies installation
- Optional color coded rings allow cable identification
- Operating temperature: -40°C to 105°C
- VDE versions available
- All plastic construction with excellent impact and shock resistance
- High density contact arrangements available; go online or call

CABLE PLUG w/BACKSHELL PINS

Mfg. Part No.	Shell Size	Contacts	Contact Size	L	A Dia.	Stock No.	Price Each
● UTS6JC103P	10	3	#16	63.2	26.2	84K9578	12.68
● UTS6JC104P	10	4	#16	63.2	26.2	84K9580	12.68
● UTS6JC106P	10	6	#20	63.2	26.2	84K9582	14.32
● UTS6JC124P	12	4	#16	66.7	29.7	84K9586	13.08
● UTS6JC128P	12	8	#16	66.7	29.7	84K9588	13.08
● UTS6JC1210P	12	10	#20	66.7	29.7	84K9584	14.70
● UTS6JC147P	14	7	#16	71.5	34.6	84K9594	13.38
● UTS6JC1412P	14	12	#16	71.5	34.6	84K9590	13.38
● UTS6JC1419P	14	19	#20	71.5	34.6	84K9592	14.99

CABLE PLUG w/BACKSHELL SOCKETS

● UTS6JC103S	10	3	#16	63.2	26.2	84K9579	12.68
● UTS6JC104S	10	4	#16	63.2	26.2	84K9581	12.68
● UTS6JC106S	10	6	#20	63.2	26.2	84K9583	14.32

➔ CONTINUED ➔

TRIM TRIO PLASTIC SEALED CIRCULAR CONNECTORS (CONT.)

CABLE PLUG w/BACKSHELL SOCKETS

Mfg. Part No.	Shell Size	Contacts	Contact Size	L	A Dia.	Stock No.	Price Each
● UTS6JC124S	12	4	#16	66.7	29.7	84K9587	13.08
● UTS6JC128S	12	8	#16	66.7	29.7	84K9589	13.08
● UTS6JC1210S	12	10	#20	66.7	29.7	84K9585	14.70
● UTS6JC147S	14	7	#16	71.5	34.6	84K9595	13.38
● UTS6JC1412S	14	12	#16	71.5	34.6	84K9591	13.38
● UTS6JC1419S	14	19	#20	71.5	34.6	84K9593	14.99

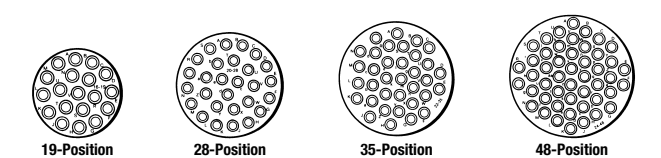
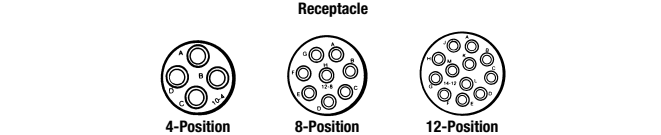
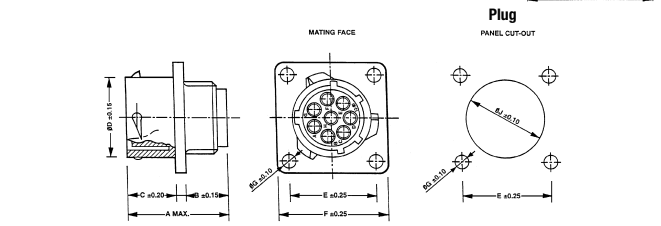
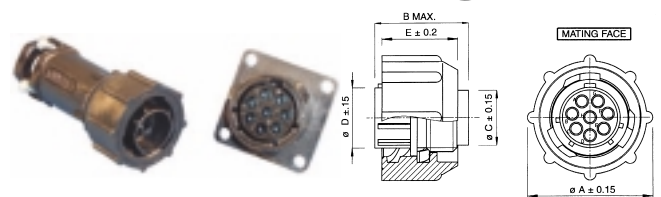
JAM NUT RECEPTACLE PINS

Mfg. Part No.	Shell Size	Contacts	Contact Size	A	D	G	Stock No.	Price Each
● UTS7103P	10	3	#16	14.9	33.9	27.0	84K9599	8.49
● UTS7104P	10	4	#16	14.9	33.9	27.0	84K9601	8.49
● UTS7106P	10	6	#20	14.9	33.9	27.0	84K9603	9.67
● UTS7124P	12	4	#16	19.0	33.9	31.8	84K9607	8.59
● UTS7128P	12	8	#16	19.0	33.9	31.8	84K9609	8.59
● UTS71210P	12	10	#20	19.0	33.9	31.8	84K9605	10.19
● UTS7147P	14	7	#16	22.2	33.9	34.9	84K9615	8.67
● UTS71412P	14	12	#16	22.2	33.9	34.9	84K9611	8.67
● UTS71419P	14	19	#20	22.2	33.9	34.9	84K9613	10.34

JAM NUT RECEPTACLE SOCKETS

● UTS7103S	10	3	#16	14.9	33.9	27.0	84K9600	8.49
● UTS7104S	10	4	#16	14.9	33.9	27.0	84K9602	8.49
● UTS7106S	10	6	#20	14.9	33.9	27.0	84K9604	9.67
● UTS7124S	12	4	#16	19.0	33.9	31.8	84K9608	8.59
● UTS7128S	12	8	#16	19.0	33.9	31.8	84K9610	8.59
● UTS71210S	12	10	#20	19.0	33.9	31.8	84K9606	10.19
● UTS7147S	14	7	#16	22.2	33.9	34.9	84K9616	8.67
● UTS71412S	14	12	#16	22.2	33.9	34.9	84K9612	8.62
● UTS71419S	14	19	#20	22.2	33.9	34.9	84K9614	8.62

TRIM TRIO™ FULL PLASTIC CIRCULAR CONNECTORS



- All plastic circular connector with excellent impact and shock resistance
- Lightweight and economical
- Secure and reliable bayonet coupling system
- Operating temperature: -55°C to 125°C
- 250 mating cycles
- Operating voltage: 220V
- Trim Trio contacts ordered separately

➔ CONTINUED ➔



**TRIM TRIO™ FULL PLASTIC CIRCULAR CONNECTORS (CONT.)**

**CABLE PLUGS FOR PIN CONTACTS**

Mfg. Part No.	Positions	Shell Size	Dimensions (mm)		Stock No.	Price Each	
			A	B (Max.)		1-9	10-24
● UTP6104P	4	10-4	26.7	31.8	16F5749	6.52	5.53
● UTP6128P	8	12-8	31.4	31.8	16F5750	10.35	8.78
● UTP61412P	12	14-12	35.5	31.8	16F5751	11.40	9.67
● UTP61619P	19	16-19	37.8	31.8	16F5752	8.38	7.11
● UTP62028P	28	20-28	43.9	31.8	16F5754	8.82	7.49

**CABLE PLUGS FOR SOCKET CONTACTS**

● UTP6104S	4	10-4	26.7	23.7	16F5757	9.84	8.35
● UTP6128S	8	12-8	31.4	23.7	16F5758	8.54	7.25
● UTP61412S	12	14-12	35.5	23.7	16F5759	11.40	9.67
● UTP61619S	19	16-19	37.8	23.7	16F5760	12.15	10.31
● UTP62028S	28	20-28	43.9	24.9	16F5762	12.50	10.61

**WALL-MOUNTING RECEPTACLES FOR PIN CONTACTS**

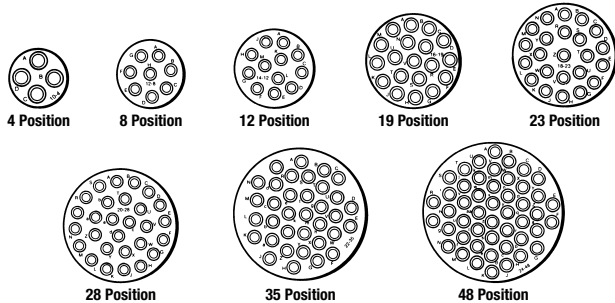
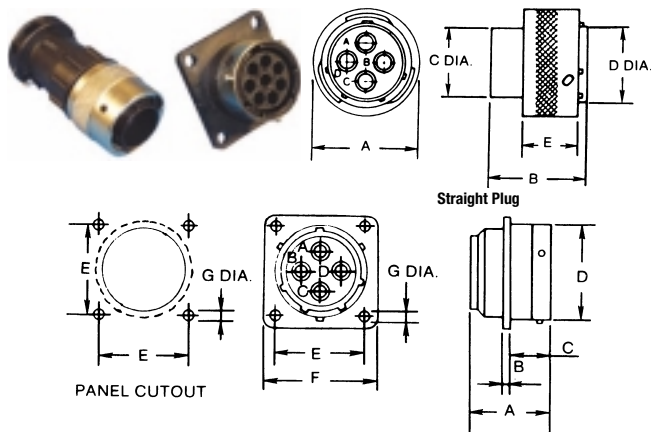
Mfg. Part No.	Positions	Shell Size	Dimensions (mm)				Stock No.	Price Each	
			A	C	E	J		1-9	10-24
● UTP0104P	4	10-4	31.7	11.3	18.3	15.1	16F5765	4.15	3.52
● UTP0128P	8	12-8	31.7	11.3	20.6	18.2	16F5766	4.27	3.63
● UTP01412P	12	14-12	31.7	11.3	23.0	21.4	16F5767	4.55	3.86
● UTP01619P	19	16-19	31.7	11.3	24.6	24.6	16F5768	5.46	4.63
● UTP02028P	28	20-28	33.3	14.5	29.4	30.9	16F5770	6.41	5.44

**WALL-MOUNTING RECEPTACLES FOR SOCKET CONTACTS**

● UTP0104S	4	10-4	24.3	11.3	18.3	15.1	37B7902	4.15	3.52
● UTP0128S	8	12-8	24.3	11.3	20.6	18.2	18C2537	4.27	3.63
● UTP01412S	12	14-12	24.3	11.3	23.0	21.4	16F5773	4.55	3.86
● UTP01619S	19	16-19	24.3	11.3	24.6	24.6	16F5774	5.46	4.63
● UTP02028S	28	20-28	27.0	14.5	29.4	30.9	16F5776	6.18	5.25

(8499)

**TRIM TRIO™ PLASTIC CIRCULAR CONNECTORS WITH METAL COUPLING RING**



- Metal bayonet ring offers durability and strength
- 500 mating cycles
- Environmentally sealed up to IP68
- Operating temperature: -55°C to 125°C
- Operating voltage: 220V
- Trim Trio contacts ordered separately

**STRAIGHT PLUGS FOR PIN CONTACTS**

Mfg. Part No.	Con-tacts	Shell Size	Dimensions		Stock No.	Price Each	
			A	B		1-9	10-24
● UTG610-4PN	4	10-4	0.850"	1.252"	16F5733	13.54	11.52
● UTG612-8PN	8	12-8	0.976"	1.252"	16F5734	13.59	11.56

➤ CONTINUED ➤

**TRIM TRIO™ PLASTIC CIRCULAR CONNECTORS WITH METAL COUPLING RING (CONT.)**

Mfg. Part No.	Con-tacts	Shell Size	Dimensions		Stock No.	Price Each	
			A	B		1-9	10-24
● UTG614-12PN	12	14-12	1.102"	1.252"	16F5735	13.65	11.61
● UTG616-19PN	19	16-19	1.228"	1.252"	16F5736	15.95	13.57
● UTG618-23PN	23	18-23	1.350"	1.252"	16F5737	17.29	14.71
● UTG620-28PN	28	20-28	1.476"	1.252"	16F5738	20.10	17.10
● UTG622-35PN	35	22-35	1.602"	1.252"	16F5739	25.98	22.10
● UTG624-48PN	48	24-48	1.728"	1.252"	16F5740	26.00	22.12

**STRAIGHT PLUGS FOR SOCKET CONTACTS**

● UTG610-4SN	4	10-4	0.850"	0.933"	16F5741	13.54	11.52
● UTG612-8SN	8	12-8	0.976"	0.933"	16F5742	13.59	11.56
● UTG614-12SN	12	14-12	1.102"	0.933"	16F5743	13.65	11.61
● UTG616-19SN	19	16-19	1.228"	0.933"	16F5744	14.56	12.39
● UTG618-23SN	23	18-23	1.350"	0.933"	16F5745	17.29	14.71
● UTG620-28SN	28	20-28	1.476"	0.980"	16F5746	17.83	15.17
● UTG622-35SN	35	22-35	1.602"	0.980"	16F5747	26.00	22.12
● UTG624-48SN	48	24-48	1.728"	1.031"	16F5748	26.00	22.12

**WALL-MOUNTING RECEPTACLES FOR PIN CONTACTS**

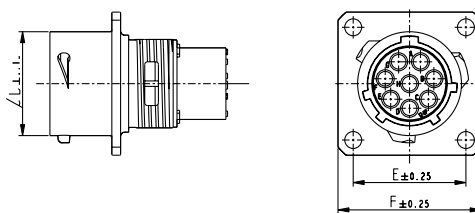
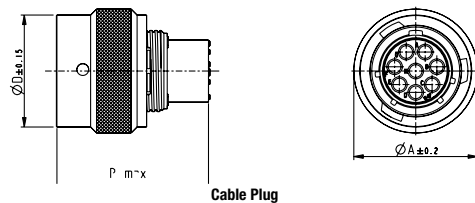
Mfg. Part No.	Con-tacts	Shell Size	Dimensions			Stock No.	Price Each	
			A	C	D		1-9	10-24
● UTG010-4P	4	10-4	1.248"	0.445"	0.591"	16F5717	7.19	6.11
● UTG012-8P	8	12-8	1.248"	0.445"	0.748"	16F5718	7.37	6.27
● UTG014-12P	12	14-12	1.248"	0.445"	0.874"	16F5719	7.51	6.39
● UTG016-19P	19	16-19	1.248"	0.445"	0.996"	16F5720	8.71	7.41
● UTG018-23P	23	18-23	1.248"	0.445"	1.122"	16F5721	8.98	7.64
● UTG020-28P	28	20-28	1.311"	0.567"	1.248"	16F5722	11.80	10.04
● UTG022-35P	35	22-35	1.311"	0.567"	1.374"	16F5723	13.27	11.29
● UTG024-48P	48	24-48	1.311"	0.594"	1.496"	16F5724	14.21	12.09

**WALL-MOUNTING RECEPTACLES FOR SOCKET CONTACTS**

● UTG010-4S	4	10-4	0.957"	0.445"	0.591"	16F5725	7.19	6.11
● UTG012-8S	8	12-8	0.957"	0.445"	0.748"	16F5726	7.37	6.27
● UTG014-12S	12	14-12	0.957"	0.445"	0.874"	16F5727	7.51	6.39
● UTG016-19S	19	16-19	0.957"	0.445"	0.996"	16F5728	8.71	7.41
● UTG018-23S	23	18-23	0.957"	0.445"	1.122"	16F5729	8.98	7.64
● UTG020-28S	28	20-28	1.063"	0.567"	1.248"	16F5730	11.80	10.04
● UTG022-35S	35	22-35	1.102"	0.567"	1.374"	16F5731	12.88	10.96
● UTG024-48S	48	24-48	1.197"	0.594"	1.496"	16F5732	14.21	12.09

(8496)

**TRIM TRIO FULL METAL CIRCULAR CONNECTORS WITH BAYONET COUPLING**

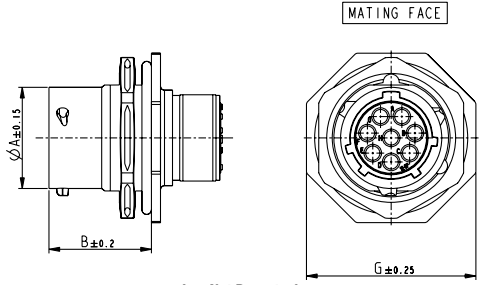


Wall Mount Receptacle

➤ CONTINUED ➤

CIRCULAR CONNECTORS

TRIM TRIO FULL METAL CIRCULAR CONNECTORS WITH BAYONET COUPLING (CONT.)



Jam Nut Receptacle

- Metal circular connector with dynamic IP68/IP69K sealing
- Suitable for indoor and outdoor applications
- EMI/RFI shielding capability with appropriate backshell
- 500 mating cycles
- Operating temperature: -40°C to 105°C
- Operating voltage: 250V
- Shielding effectiveness: 95dB at 1MHz

CABLE PLUGS FOR PINS

Mfg. Part No.	Shell Size	Contacts	A	B	D	Stock No.	Price Each
● UT06104PH	10	4	21.6	31.8	12.3	84K9699	25.90
● UT06128PH	12	8	24.8	31.8	15.1	39K4067	26.40
● UT061412PH	14	12	28.0	31.8	18.3	84K9701	26.65
● UT061619PH	16	19	31.2	31.8	21.5	84K9703	26.77
● UT061823PH	18	23	34.3	31.8	24.0	84K9704	27.39
● UT062028PH	20	28	37.5	31.8	27.2	84K9706	27.77
● UT062235PH	22	35	40.7	31.8	30.4	84K9708	28.39
● UT062448PH	24	48	43.9	31.8	33.5	84K9710	30.26

CABLE PLUGS FOR SOCKETS

● UT06104SH	10	4	21.6	31.8	12.3	84K9700	25.90
● UT06128SH	12	8	24.8	31.8	15.1	78K7121	26.15
● UT061412SH	14	12	28.0	31.8	18.3	84K9702	26.65
● UT061619SH	16	19	31.2	31.8	21.5	80K5243	26.77
● UT061823SH	18	23	34.3	31.8	24.0	84K9705	27.39
● UT062028SH	20	28	37.5	31.8	27.2	84K9707	27.64
● UT062235SH	22	35	40.7	31.8	30.4	84K9709	28.39
● UT062448SH	24	48	43.9	31.8	33.5	84K9711	30.38

JAM NUT RECEPTACLES FOR PINS

● UT07104PH	10	4	14.9	18.0	27.0	84K9713	26.27
● UT07128PH	12	8	19.0	18.0	31.8	84K9715	27.39
● UT071412PH	14	12	22.2	18.0	34.9	84K9717	28.09
● UT071619PH	16	19	25.3	18.0	38.1	84K9719	29.19
● UT071823PH	18	23	28.5	18.0	41.3	84K9720	30.18
● UT072028PH	20	28	31.7	22.7	46.1	84K9722	32.75
● UT072235PH	22	35	34.9	22.7	49.2	84K9724	34.07
● UT072448PH	24	48	38.0	23.6	52.4	84K9726	35.44

JAM NUT RECEPTACLES FOR SOCKETS

● UT07104SH	10	4	14.9	18.0	27.0	84K9714	26.35
● UT07128SH	12	8	19.0	18.0	31.8	84K9716	27.34
● UT071412SH	14	12	22.2	18.0	34.9	84K9718	28.09
● UT071619SH	16	19	25.3	18.0	38.1	80K5241	29.16
● UT071823SH	18	23	28.5	18.0	41.3	84K9721	30.18
● UT072028SH	20	28	31.7	22.7	46.1	84K9723	32.75
● UT072235SH	22	35	34.9	22.7	49.2	84K9725	34.09
● UT072448SH	24	48	38.0	23.6	52.4	84K9727	35.46

WALL MOUNT RECEPTACLES FOR PINS

● UT00104PH	10	4	15.0	18.3	23.8	84K9685	16.06
● UT00128PH	12	8	19.0	20.6	26.2	84K9687	16.69
● UT001412PH	14	12	22.2	23.0	28.6	73K3864	17.06
● UT001619PH	16	19	25.3	24.6	31.0	84K9690	17.46
● UT001823PH	18	23	28.5	26.9	33.3	80K0847	18.26
● UT002028PH	20	28	31.7	29.4	36.5	84K9693	19.80
● UT002235PH	22	35	34.9	31.8	39.7	84K9695	20.67
● UT002448PH	24	48	38.0	34.9	42.9	84K9697	21.47

WALL MOUNT RECEPTACLES FOR SOCKETS

● UT00104SH	10	4	15.0	18.3	23.8	84K9686	16.06
● UT00128SH	12	8	19.0	20.6	26.2	84K9688	16.74
● UT001412SH	14	12	22.2	23.0	28.6	84K9689	17.06
● UT001619SH	16	19	25.3	24.6	31.0	84K9691	17.46
● UT001823SH	18	23	28.5	26.9	33.3	84K9692	18.23
● UT002028SH	20	28	31.7	29.4	36.5	84K9694	19.80
● UT002235SH	22	35	34.9	31.8	39.7	84K9696	20.67
● UT002448SH	24	48	38.0	34.9	42.9	84K9698	21.54

(85856)

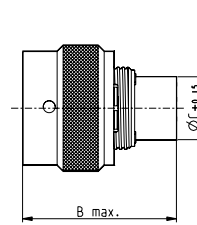
TRIM TRIO METAL HIGH-DENSITY CONNECTORS w/BAYONET COUPLING



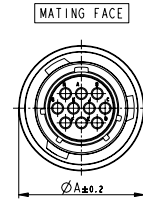
Cable Plug Pin Contacts



Cable Plug Socket Contacts



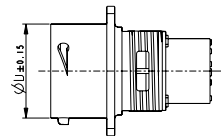
Cable Plug



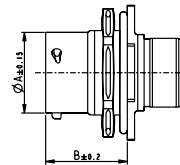
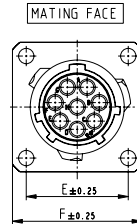
Wall-Mounting Receptacle Pin Contacts



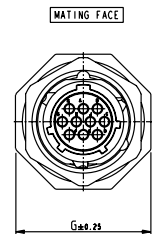
Wall-Mounting Receptacle Socket Contacts



Wall Mount Receptacle



Jam Nut Receptacle



- High density circular connector with dynamic IP68/IP69K sealing
- Suitable for indoor and outdoor applications
- EMI/RFI shielding capability with appropriate backshell

- 500 mating cycles
- Operating temperature: -40°C to 105°C
- Shielding effectiveness: 95dB at 1MHz
- Order Trim Trio contacts separately, go online or call Newark

CABLE PLUGS FOR PINS

Mfg. Part No.	Shell Size	No. of Contacts	Dimensions (mm)		Stock No.	Price Each	
			A	B		1-9	10-24
● UTOW6106PH	10	6	21.6	31.8	06J8670	25.18	21.54
● UTOW61210PH	12	10	24.8	31.8	06J8672	26.40	22.58
● UTOW61419PH	14	19	28.0	31.8	06J8674	26.70	22.84
● UTOW61626PH	16	26	31.2	31.8	09J7628	24.75	21.18
● UTOW61832PH	18	32	34.3	31.8	84K9661	27.52	23.54
● UTOW62041PH	20	41	37.5	31.8	84K9663	27.92	23.88
● UTOW62255PH	22	55	40.7	31.8	84K9665	28.56	24.44
● UTOW62461PH	24	61	43.9	31.8	84K9667	30.58	26.16

CABLE PLUGS FOR SOCKETS

● UTOW6106SH	10	6	21.6	24.2	06J8671	30.60	26.18
● UTOW61210SH	12	10	24.8	24.2	06J8673	31.01	26.53
● UTOW61419SH	14	19	28.0	24.2	06J8675	30.38	25.99
● UTOW61626SH	16	26	31.2	24.2	09J7629	28.99	24.80
● UTOW61832SH	18	32	34.3	24.2	84K9662	32.15	27.50
● UTOW62041SH	20	41	37.5	24.2	84K9664	32.60	27.89
● UTOW62255SH	22	55	40.7	24.2	84K9666	33.25	28.44
● UTOW62461SH	24	61	43.9	24.2	84K9668	35.24	30.14

➔ CONTINUED ➔

CIRCULAR CONNECTORS

TRIM TRIO METAL HIGH-DENSITY CONNECTORS w/BAYONET COUPLING (CONT.)

JAM NUT RECEPTACLE FOR PINS

Mfg. Part No.	Shell Size	No. of Contacts	Dimensions (mm)		Stock No.	Price Each	
			A	B		1-9	10-24
● UTOW7106PH	10	6	16.6	17	84K9669	26.39	22.57
● UTOW71210PH	12	10	20.8	21.2	84K9671	27.39	23.43
● UTOW71419PH	14	19	23.9	24.3	84K9673	28.12	24.05
● UTOW71626PH	16	26	27.1	27.5	84K9675	29.21	24.99
● UTOW71832PH	18	32	30.3	30.6	84K9677	30.16	25.80
● UTOW72041PH	20	41	33.4	33.8	84K9679	32.75	28.01
● UTOW72255PH	22	55	36.6	37	84K9681	34.09	29.16
● UTOW72461PH	24	61	39.8	40.1	84K9683	35.46	30.34

JAM NUT RECEPTACLE FOR SOCKETS

Mfg. Part No.	Shell Size	No. of Contacts	Dimensions (mm)		Stock No.	Price Each	
			A	B		1-9	10-24
● UTOW7106SH	10	6	16.6	17	84K9670	31.00	26.52
● UTOW71210SH	12	10	20.8	21.2	84K9672	32.08	27.44
● UTOW71419SH	14	19	23.9	24.3	84K9674	37.93	32.44
● UTOW71626SH	16	26	27.1	27.5	84K9676	30.93	26.46
● UTOW71832SH	18	32	30.3	30.6	84K9678	34.86	29.82
● UTOW72041SH	20	41	33.4	33.8	84K9680	37.40	32.00
● UTOW72255SH	22	55	36.6	37	84K9682	38.75	33.15
● UTOW72461SH	24	61	39.8	40.1	84K9684	40.09	34.30

WALL-MOUNTING RECEPTACLES FOR PINS

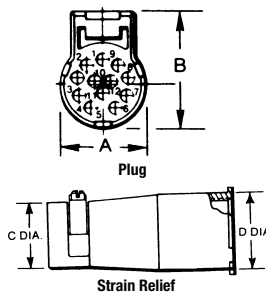
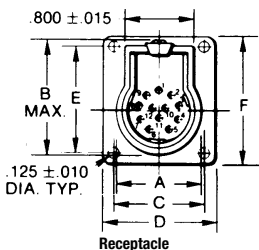
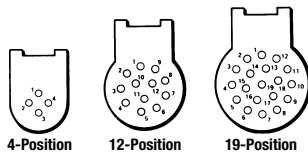
Mfg. Part No.	Shell Size	No. of Contacts	Dimensions (mm)		Stock No.	Price Each	
			D	F		1-9	10-24
● UTOW0106PH	10	6	15.0	23.8	06J8662	15.64	13.38
● UTOW01210PH	12	10	19.0	26.8	06J8664	16.79	14.36
● UTOW01419PH	14	19	22.2	28.6	06J8666	16.54	14.15
● UTOW01626PH	16	26	25.3	31.0	06J8668	17.04	14.57
● UTOW01832PH	18	32	28.5	33.3	84K9653	18.31	15.66
● UTOW02041PH	20	41	31.7	36.5	84K9655	19.85	16.98
● UTOW02255PH	22	55	34.9	39.7	84K9657	20.72	17.73
● UTOW02461PH	24	61	38.0	42.9	84K9659	21.54	18.43

WALL-MOUNTING RECEPTACLES FOR SOCKETS

Mfg. Part No.	Shell Size	No. of Contacts	Dimensions (mm)		Stock No.	Price Each	
			D	F		1-9	10-24
● UTOW0106SH	10	6	15.0	23.8	06J8663	20.78	17.78
● UTOW01210SH	12	10	19.0	26.8	06J8665	20.77	17.77
● UTOW01419SH	14	19	22.2	28.6	06J8667	21.74	18.60
● UTOW01626SH	16	26	25.3	31.0	06J8669	22.21	19.00
● UTOW01832SH	18	32	28.5	33.3	84K9654	22.94	19.62
● UTOW02041SH	20	41	31.7	36.5	84K9656	24.53	20.98
● UTOW02255SH	22	55	34.9	39.7	84K9658	25.40	21.73
● UTOW02461SH	24	61	38.0	42.9	84K9660	26.22	22.43

(8492)

TRIM TRIO 5000-CYCLE CONNECTORS



- 5000 mating cycles using standard contacts
- Quick release latching system simplifies disconnect
- Polarizing shape facilitates blindmating

- Operating temperature: -55°C to 105°C
- Insulation resistance: 5000 megohms min
- TRIM TRIO™ contacts, ordered separately on pages 834-835

PLUGS

Mfg. Part No.	No. of Positions	Dimensions		Stock No.	Price Each			
		A	B		1-9	10-24	25-49	50-99
● MBG4P1	4	0.594"	0.862"	16F5838	2.08	1.78	1.60	1.41
● MBG12P1	12	0.765"	1.073"	16F5839	2.44	2.09	1.87	1.66
● MBG19P1	19	0.899"	1.202"	16F5840	3.17	2.72	2.43	2.15

▶ CONTINUED ▶

TRIM TRIO 5000-CYCLE CONNECTORS (CONT.)

RECEPTACLES

Mfg. Part No.	No. of Positions	C	D	F	Stock No.	Price Each			
						1-9	10-24	25-49	50-99
● MBG4R1	4	0.712"	0.941"	1.471"	16F5842	7.26	6.22	5.57	4.93
● MBG12R1	12	1.045"	1.279"	1.451"	16F5843	10.36	8.88	7.96	7.03
● MBG19R1	19	1.045"	1.277"	1.580"	16F5844	10.95	9.39	8.41	7.43

STRAIN RELIEFS

Mfg. Part No.	No. of Positions	Dimensions		Stock No.	Price Each			
		C Dia.	D Dia.		1-9	10-24	25-49	50-99
● MBG4S1	4	0.48"	0.59"	16F5846	4.71	4.04	3.62	3.20
● MBG12S1	12	0.74"	0.83"	16F5847	5.88	5.04	4.52	3.99
● MBG19S1	19	0.84"	0.96"	16F5848	5.07	4.35	3.90	3.44

(8493)

TRIM TRIO MIXED POWER AND SIGNAL CONNECTORS



3

- Mixed power and signal version of the UTG series
- Current rating: Up to 44A max. per contact
- Operating voltage: 600VDC max.
- Wire range: 8 to 30AWG
- Identified grounding locations available
- Suitable for cable to box or cable to cable applications
- VDE versions available for high voltage; go online or call Newark



CABLE PLUG CONNECTOR FOR PIN CONTACTS

Mfg. Part No.	Shell Size	Contact Size				Ground Position Identified	Stock No.	Price Each	
		8	12	16	20			1-9	10-24
● UTG6103W3PN	10	...	...	3	3	No	18M5732	12.58	10.76
● UTG6123PN	12	...	3	...	...	No	71J8513	12.63	10.80
● UTG6187PNVDE34	18	...	2	5	...	Yes	88K2700	17.51	14.98

CABLE PLUG CONNECTOR FOR SOCKET CONTACTS

● UTG6148P24SNVDE	14	...	4	4	...	Yes	88K2699	12.68	10.85
● UTG6187SNVDE34	18	...	2	5	...	Yes	88K2701	16.74	14.32
● UTG62411SN	24	4	...	7	...	Yes	88K2702	21.04	18.00

FREE HANGING RECEPTACLE FOR SOCKET CONTACTS

● UTG1103W3S	10	...	...	3	3	No	88K2696	7.32	6.27
--------------	----	-----	-----	---	---	----	---------	------	------

PANEL MOUNT RECEPTACLE FOR PIN CONTACTS - IP65

● UTG0148P24PHVDE	14	...	4	4	...	Yes	88K2692	8.42	7.20
● UTG0187PHVDE34	18	...	2	5	...	Yes	88K2693	9.59	8.20
● UTG02411PH	24	4	...	7	...	Yes	88K2695	19.30	16.51

PANEL MOUNT RECEPTACLE FOR SOCKET CONTACTS - IP65

● UTG0123SH	12	...	3	...	...	No	88K2691	8.15	6.97
● UTG0187SHVDE34	18	...	2	5	...	Yes	88K2694	9.59	8.20

(88713)

TRIM TRIO™ STRAIGHT CABLE CLAMPS WITH STRAIN RELIEF



Glass-filled thermoplastic polyester clamps attach to the cable side of the connector to support the cable or wire bundle, providing strain relief and absorbing vibration and shock otherwise transmitted by the cable to the contact.



Mfg. Part No.	For Use With Shell Size	Cable Range	Stock No.	Price Each	
				1-9	10-24
● UTG10AC	10	3.0 - 8.7	16F5822	7.37	6.22
● UTG12AC	12	3.0 - 12.8	16F5823	6.10	5.15
● UTG14AC	14	4.0 - 13.8	16F5824	6.96	5.88
● UTG16AC	16	5.0 - 17.0	16F5825	6.96	5.88
● UTG18AC	18	5.0 - 19.0	16F5826	7.89	6.66
● UTG20AC	20	5.0 - 21.0	16F5827	8.06	6.80
● UTG22AC	22	5.0 - 23.0	16F5828	8.05	6.80
● UTG24AC	24	8.0 - 27.0	16F5829	9.28	7.83

(8501)



CIRCULAR CONNECTORS

CABLE CLAMPS WITH SEALING GLANDS

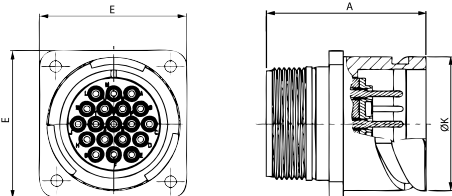


Includes a neoprene sealing gland for maximum water protection in sealed applications. Tested to IP68 specifications in mated condition.

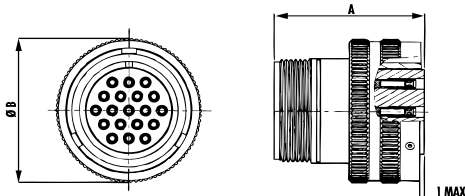
Mfg. Part No.	For Use With Shell Size	Cable Range	Stock No.	Price Each	
				1-9	10-24
● UTG10PG	10	5x8	16F5830	8.54	7.21
● UTG12PG	12	7x10.5x13x16	16F5831	8.79	7.42
● UTG14PG	14	7x10.5x13x16	16F5832	10.13	8.55
● UTG16PG	16	8x10.5x13x16	16F5833	10.52	8.88
● UTG18PG	18	8x10.5x13x16	16F5834	10.86	9.17
● UTG20PG	20	11x15x18x22	16F5835	12.45	10.51
● UTG22PG	22	11x15x18x22	16F5836	11.72	9.89
● UTG24PG	24	19x23x27x31	16F5837	15.74	13.29

(8502)

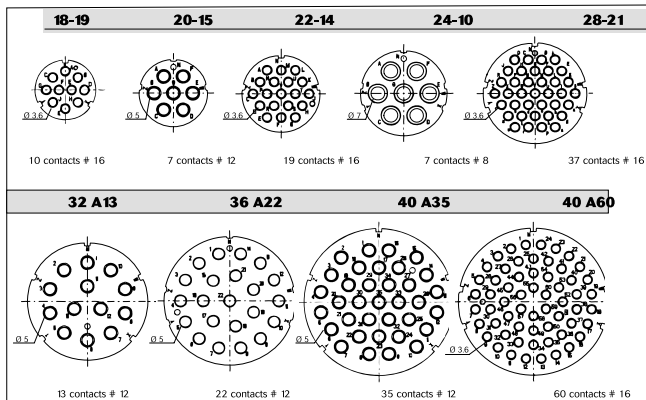
TRIM TRIO RUGGEDIZED REVERSE BAYONET CONNECTORS



Rear Mount Receptacle



Cable Plug



- Metal connector with reverse bayonet system
- Derived from MIL-C-5015 and conforms to VG95234
- Power and signal layouts available
- Alternate insert orientations available
- Excellent impact, shock and vibration resistance
- Operating temperature: -40°C to 100°C
- 500 mating cycles
- 500 hours salt spray
- 500 hours salt spray
- Damp heat: 21 days, 40°C, 95% RH
- Uses Trim Trio signal and power contacts order separately

➤ CONTINUED ➤

TRIM TRIO RUGGEDIZED REVERSE BAYONET CONNECTORS (CONT.)

REAR MOUNT RECEPTACLE PINS

Mfg. Part No.	Shell Size	Contacts	A	E	K	Stock No.	Price Each
							1-9
● UTVD18-19PN	18	10	45.50	35.00	30.80	84K9617	50.47
● UTVD20-15PN	20	7	45.50	38.00	34.20	84K9619	57.09
● UTVD22-14PN	22	19	45.50	41.00	37.40	84K9621	57.21
● UTVD24-10PN	24	7	48.00	44.50	40.90	84K9623	70.81
● UTVD28-21PN	28	37	48.00	50.80	46.70	84K9625	67.38
● UTVD32A13PN	32	13	48.00	57.00	53.40	84K9627	74.61
● UTVD36A22PN	36	22	48.00	63.50	59.60	84K9629	79.21
● UTVD40A35PN	40	35	48.00	70.00	65.50	84K9631	90.68
● UTVD40A60PN	40	60	48.00	70.00	65.50	84K9633	96.90

REAR MOUNT RECEPTACLE SOCKETS

● UTVD18-19SN	18	10	45.50	35.00	30.80	84K9618	50.11
● UTVD20-15SN	20	7	45.50	38.00	34.20	84K9620	56.67
● UTVD22-14SN	22	19	45.50	41.00	37.40	84K9622	56.89
● UTVD24-10SN	24	7	48.00	44.50	40.90	84K9624	70.07
● UTVD28-21SN	28	37	48.00	50.80	46.70	84K9626	67.58
● UTVD32A13SN	32	13	48.00	57.00	53.40	84K9628	74.75
● UTVD36A22SN	36	22	48.00	63.50	59.60	84K9630	79.41
● UTVD40A35SN	40	35	48.00	70.00	65.50	84K9632	90.02
● UTVD40A60SN	40	60	48.00	70.00	65.50	84K9634	96.66

CABLE PLUG PINS

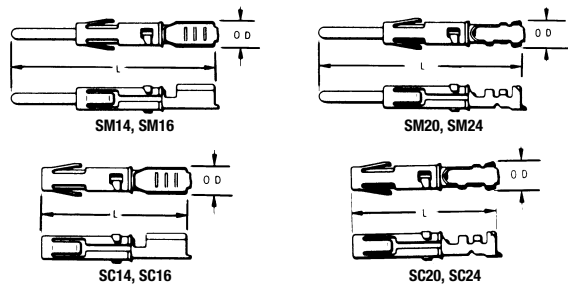
Mfg. Part No.	Shell Size	Contacts	A	B	Stock No.	Price Each
						1-9
● UTVD18-19PN	18	10	45.60	37.30	84K9635	67.01
● UTVD20-15PN	20	7	45.60	41.50	84K9637	70.12
● UTVD22-14PN	22	19	45.60	44.00	84K9639	74.58
● UTVD24-10PN	24	7	45.60	48.50	84K9641	81.66
● UTVD28-21PN	28	37	48.00	55.30	84K9643	91.68
● UTVD32A13PN	32	13	48.00	62.00	84K9645	92.49
● UTVD36A22PN	36	22	48.00	66.80	84K9647	94.94
● UTVD40A35PN	40	35	48.00	74.50	84K9649	123.70
● UTVD40A60PN	40	60	48.00	74.50	84K9651	123.70

CABLE PLUG SOCKETS

● UTVD18-19SN	18	10	45.60	37.30	84K9636	67.01
● UTVD20-15SN	20	7	45.60	41.50	84K9638	70.27
● UTVD22-14SN	22	19	45.60	44.00	84K9640	74.61
● UTVD24-10SN	24	7	45.60	48.50	84K9642	81.47
● UTVD28-21SN	28	37	48.00	55.30	84K9644	91.76
● UTVD32A13SN	32	13	48.00	62.00	84K9646	92.88
● UTVD36A22SN	36	22	48.00	66.80	84K9648	95.02
● UTVD40A35SN	40	35	48.00	74.50	84K9650	123.73
● UTVD40A60SN	40	60	48.00	74.50	84K9652	123.73

(88587)

TRIM TRIO™ FORMED CONTACTS



- High performance size 16 (.062" dia. pin)
- Closed entry socket design prevents probe damage
- Low insertion/withdrawal force
- Insulation grip provides vibration support to the wire crimp

LOOSE PINS (PACKAGES OF 25)

Mfg. Part No.	Wire Size (AWG)	Plating	Cable Insulation Accommodation (in.)	Cable Strip Length (in.)	Stock No.	Price per Pkg.
			Max.			1-9
● SM14ML1S6	14	Gold	0.125	0.250	93K6203	24.19
● SM16ML1S6	18-16	Gold	0.125	0.250	93K6206	24.59
● SM20ML1S6	22-20	Gold	0.082	0.156	93K6209	22.41
● SM24ML1S6	26-24	Gold	0.062	0.156	93K6212	24.90
● SM14ML1D70	14	Gold Flash	0.125	0.250	93K6202	15.57
● SM16ML1D70	18-16	Gold Flash	0.125	0.250	93K6205	13.70

➤ CONTINUED ➤

TRIM TRIO™ FORMED CONTACTS (CONT.)

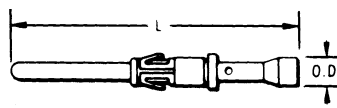
Mfg. Part No.	Wire Size (AWG)	Plating	Cable Insulation Accommodation (in.)		Cable Strip Length (in.)	Stock No.	Price per Pkg. 1-9
			Max.	Min.			
● SM20ML1D70	22-20	Gold Flash	0.082	0.156	0.156	93K6208	13.70
● SM24ML1D70	26-24	Gold Flash	0.062	0.156	0.156	93K6211	15.57
● SM14ML1TK6	14	Tin	0.125	0.250	0.250	93K6204	9.34
● SM16ML1TK6	18-16	Tin	0.125	0.250	0.250	93K6207	8.10
● SM20ML1TK6	22-20	Tin	0.082	0.156	0.156	93K6210	8.10
● SM24ML1TK6	26-24	Tin	0.062	0.156	0.156	93K6213	8.10

LOOSE SOCKETS (PACKAGES OF 25)

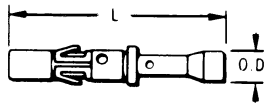
● SC14ML1S6	14	Gold	0.125	0.250	0.250	88K2672	28.02
● SC16ML1S6	18-16	Gold	0.125	0.250	0.250	88K2675	30.78
● SC20ML1S6	22-20	Gold	0.082	0.156	0.156	88K2678	24.90
● SC24ML1S6	26-24	Gold	0.062	0.156	0.156	88K2683	24.90
● SC14ML1D70	14	Gold Flash	0.125	0.250	0.250	88K2671	17.43
● SC16ML1D70	18-16	Gold Flash	0.125	0.250	0.250	88K2674	15.57
● SC20ML1D70	22-20	Gold Flash	0.082	0.156	0.156	88K2677	18.68
● SC24ML1D70	26-24	Gold Flash	0.062	0.156	0.156	88K2682	17.43
● SC14ML1TK6	14	Tin	0.125	0.250	0.250	88K2673	11.83
● SC16ML1TK6	18-16	Tin	0.125	0.250	0.250	88K2676	8.03
● SC20ML1TK6	22-20	Tin	0.082	0.156	0.156	88K2679	10.59
● SC24ML1TK6	26-24	Tin	0.062	0.156	0.156	88K2684	11.83

(8505)

TRIM TRIO™ MACHINED CONTACTS



Typical Pin



Typical Socket

- Gold plating
- High performance size 16 (.062" dia. pin)
- Closed entry socket design prevents probe damage

- Low insertion/withdrawal force
- Insulation grip provides vibration support to the wire crimp

PINS — PK OF 25

Mfg. Part No.	Wire Size (AWG)	Cable Strip Length	Stock No.	Price per Package		
				1-9	10-24	25-49
● RM24M9D28	26-24	0.188"	88K2668	59.76	51.12	45.12
● RM20M12D28	22-20	0.188"	88K2667	54.16	46.33	40.89
● RM16M23D28	20-16	0.281"	88K2665	35.49	30.36	26.79

SOCKETS — PK OF 25

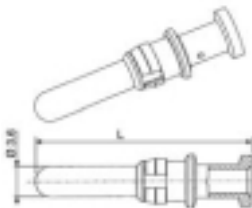
● RC24M9D28	26-24	0.188"	88K2663	96.49	82.54	72.85
● RC20M12D28	22-20	0.188"	88K2662	80.93	69.23	61.10
● RC16M23D28	20-16	0.281"	88K2660	52.92	45.27	39.95

(8506)

TRIM TRIO MACHINED CONTACTS SOLDER CUP STYLE



- No crimp tooling required
- Ideal for prototype and repairs
- Gold plating for high temperature
- For use with any Trim Trio connector with size 16, 12 and 8 contacts
- Sold in packages of 10
- Order shells separately on pages 833-834



PIN CONTACTS

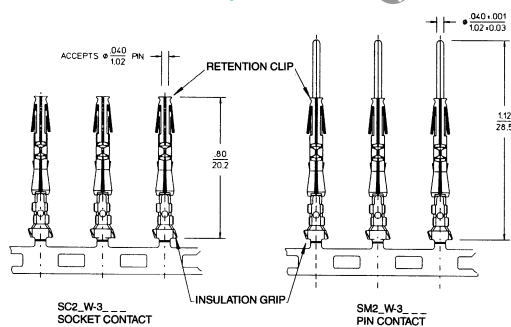
Mfg. Part No.	Contact Size	Wire Size (AWG)	Current (A)	Stock No.	Price per Pack
					1-9
● RM16SEOK	16	16-20	13	88K2666	17.19
● RM12Z43D28	12	12-14	26	88K2664	51.30
● 82911685NZX	8	8-12	44	88K2721	62.01

SOCKET CONTACTS

● RC16SE4K	16	16-20	13	88K2661	23.66
● RC12Z43D28	12	12-14	26	88K2659	49.31
● 82911684ZX	8	8-12	44	38M9715	68.48

(88715)

STAMPED AND FORMED SEALOK™ CONTACTS



- Used in high density UTOW/UTS connectors
- Closed entry socket design prevents probe damage
- Wire range (AWG): 20-26
- Sold in pk of 25

Mfg. Part No.	Description	AWG	Cable Insulation Accommodation		Stock No.	Price per Pkg. 1-9
			Max.	Min.		
● SM20WL3S26	Pin - 30µ" Gold Over 75µ" Nickel	22-20	0.082"	0.046"	88K2687	9.03
● SM20WL3TK6	Pin - 30µ" Gold Over 75µ" Nickel	26-24	0.062"	0.035"	88K2688	5.92
● SM24WL3S26	Pin - 20µ" Tin	22-20	0.082"	0.046"	88K2689	9.03
● SM24WL3TK6	Pin - 20µ" Tin	26-24	0.062"	0.035"	88K2690	5.92
● SC20WL3S25	Socket - 30µ" Gold Over 75µ" Nickel	22-20	0.082"	0.046"	88K2680	8.72
● SC20WL3TK6	Socket - 30µ" Gold Over 75µ" Nickel	26-24	0.062"	0.035"	88K2681	6.23
● SC24WL3S25	Socket - 20µ" Tin	22-20	0.082"	0.046"	88K2685	8.72
● SC24WL3TK6	Socket - 20µ" Tin	26-24	0.062"	0.035"	88K2686	5.92

(8503)

TRIM TRIO POWER CONTACTS



- Machined power contacts provide maximum performance
- Current rating: 44A max. per contacts
- Gold, silver or nickel plating available
- Wire range (AWG): 20-8



PINS

Mfg. Part No.	Contact Size	Current Rating (A)	AWG	Stock No.	Pack of	Price per Pack	
						1-9	10-24
● 82911437NK	12	26	20	84K9735	25	3.65	3.12
● 82911435NK	12	26	18	84K9733	25	3.65	3.12
● 82911463NK	12	26	16	84K9737	25	3.65	3.12
● 82911465NK	12	26	14	84K9739	25	3.65	3.12
● 829111676	8	44	16	84K9728	25	5.78	4.95
● 829111680	8	44	12	84K9729	25	5.78	4.95
● 829111682	8	44	10	84K9730	25	6.10	5.22
● 829111684	8	44	8	84K9731	25	5.78	4.95

SOCKETS

● 82911436K	12	26	20	84K9734	25	5.56	4.75
● 82911434K	12	26	18	84K9732	25	5.11	4.37
● 82911462K	12	26	16	84K9736	25	5.11	4.37
● 82911464K	12	26	14	84K9738	25	5.11	4.37
● 82911677N	8	44	16	72J4659	25	5.26	4.50
● 82911681N	8	44	12	84K9740	25	5.26	4.50
● 82911683N	8	44	10	06J9977	25	5.26	4.50
● 82911685N	8	44	8	91H8228	25	5.26	4.50

(88701)

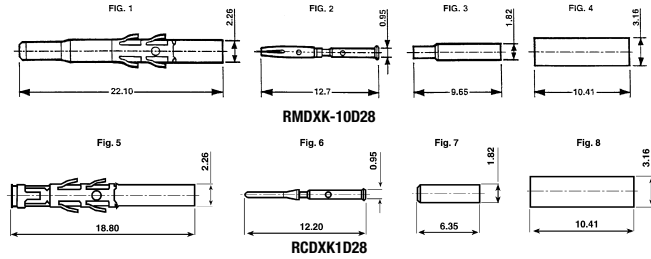
Keep up with environmental laws.

Learn about China RoHS, US/Canadian green laws & free RoHS compliance tools. Visit [www.newark.com/rohs](http://www.newark.com/rohs)

(94635)

CIRCULAR CONNECTORS

TRIM TRIO COAXIAL CONTACT KITS



- Designed for Trim Trio™ connectors with size 16 contacts; *ordered separately on pages 830-831*
- Individually crimped inner and outer conductors
- For use with coaxial and twisted pair cable
- Contact resistance: Less than 6milliohms
- Contact retention after five cycles of insertion and extraction: 65N min.
- Cable types: RG161, RG179, RG187, RG174, RG188, RG178, RG196

PIN CONTACT KIT

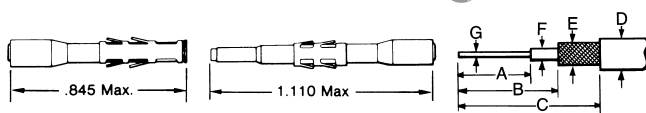
Mfg. Part No.	Kit Contents	Stock No.	Price Each
● RMDXK-10D28	Outer Female Contact: RMDX602D28, Fig. 1 Inner Female Contact: RFD26L1D28, Fig. 2 Hyring: RMDXB0553, Fig. 3; Hyring: YOC074, Fig. 4	16F5702	13.21

SOCKET CONTACT KIT

● RCDXK-1D28	Outer Female Contact: RCDX602D28, Fig. 5 Inner Female Contact: RMD26L1D28, Fig. 6 Hyring: RCDXB0551, Fig. 7; Hyring: YOC074, Fig. 8	16F5703	16.12
--------------	---	---------	-------

(49000)

TRIM TRIO™ MONOCRIMP™ COAXIAL CONTACTS



- One step cable termination
- High reliability and quick, economical installation
- For use with coaxial and twisted pair cable
- Contact retention after five cycles of insertion and extraction: 65N min.
- Operating temperature: -55°C to +125°C

MALE

Mfg. Part No.	Wire Size (AWG)	RG/U	Cable Strip Length			Stock No.	Price Each
			A	B	C		
● RMDX60-32D28	28	RG174/U	0.250"	0.300"	0.400"	16F5696	11.90
● RMDX60-36D28	26	RG188/U	0.250"	0.300"	0.400"	16F5697	11.29
● RMDX60-50D28	30	RG178B/U	0.200"	0.250"	0.350"	16F5698	14.64

FEMALE

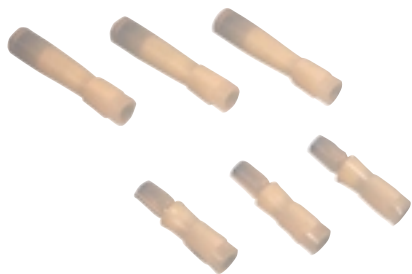
● RCDX60-32D28	28	RG174/U	0.250"	0.300"	0.400"	16F5699	8.70
● RCDX60-36D28	26	RG188/U	0.250"	0.300"	0.460"	16F5700	8.70
● RCDX60-16D28	30	RG178B/U	0.250"	0.300"	0.400"	16F5701	8.82

(8507)

TRIM TRIO INLINE SPLICE



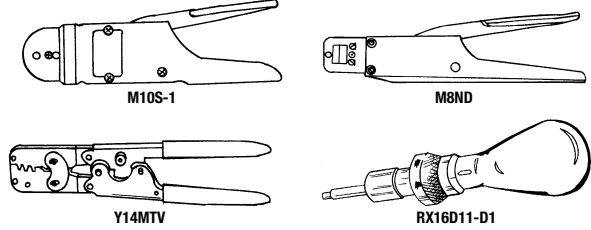
- Single position, quick disconnect system for individual wires
- Accommodates any size 16 Trim Trio contact
- Locks with an audible positive "click"
- Disconnect force: 3 to 11lbs
- Coaxial cable types: RG161, RG179, RG187, RG174, RG188, RG178, RG196
- Available in a variety of color choices to prevent mismating
- Ideal for individual wire installation and repairs
- Especially suited for coaxial cable connections, eliminating bulky connectors while maintaining coaxial signal integrity



Mfg. Part No.	Description	Color	Stock No.	Price Each
				1-9
● RSCDEX-5	Plug Splice	Black	88K2669	1.53
● RSMDEX-5	Receptacle Splice	Black	88K2670	1.17

(88716)

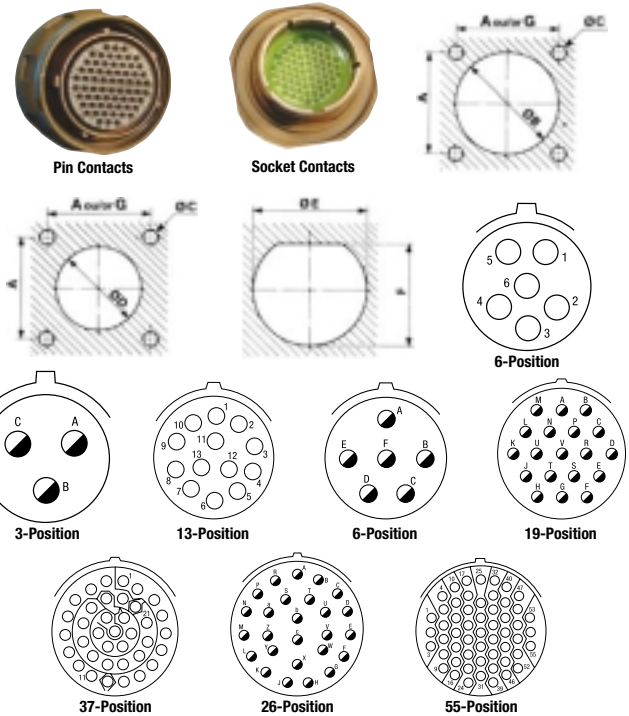
TRIM TRIO™ INSTALLATION AND EXTRACTION TOOLING



Mfg. Part No.	Description	Stock No.	Price Each
M10S1	Ratchet-Controlled Hytool Tool	16F5705	1134.60
M8ND	N-Type Ratchet-Controlled Hytool Tool	16F5704	872.65
Y14MTV	Pliers-Type Ratchet Crimp Tool	16F6665	230.18
● RX16D11-D1	Trim Trio™ Extraction Tool for Use with Qikmate™ Rectangular Connectors	16F5715	129.82
● RX20-25GE1	Trim Trio™ Extraction Tool	16F6666	84.06
● RX20D44	Sealok™ Extraction Tool	16F5716	139.50

(8504)

D38999 SERIES HIGH-DENSITY MILITARY CONNECTORS



- MIL-DTL 38999 SIII and EN3645 approved up to 128 contacts
- Screw coupled
- E/RFI shielding
- Olive drab or nickel plating
- 500 mating cycles
- Five distinct keying options
- Operating range: -65°C to +200°C

SERIES III SQUARE FLANGE RECEPTACLES WITH PIN CONTACTS

Shell Size	Con-tacts	W — Olive Green Cadmium Finish		F — Nickel Finish			
		Mfg. Part No.	Stock No.	Mfg. Part No.	Stock No.		
9	6	D38999/20WA35PN	09J7685	40.31	D38999/20FA35PN	09J7637	40.31
9	6	D38999/20WA35PA	09J7684	40.31	D38999/20FA35PA	09J7636	40.31
9	3	D38999/20WA98PN	09J7687	39.84	D38999/20FA98PN	09J7639	39.84
11	13	D38999/20WB35PN	09J7689	42.52	D38999/20FB35PN	09J7641	42.52
11	13	D38999/20WB35PA	09J7688	42.52	D38999/20FB35PA	09J7640	42.52
11	6	D38999/20WB98PN	09J7691	41.22	D38999/20FB98PN	09J7643	41.22
15	37	D38999/20WD35PN	09J7695	50.38	D38999/20FD35PN	09J7647	50.38
15	37	D38999/20WD35PA	09J7694	50.38	D38999/20FD35PA	09J7646	50.38
15	19	D38999/20WD19PN	09J7693	46.94	D38999/20FD19PN	09J7645	46.94
15	19	D38999/20WD19PA	09J7692	46.94	D38999/20FD19PA	09J7644	46.94

▶ CONTINUED ▶



D38999 SERIES HIGH-DENSITY MILITARY CONNECTORS (CONT.)

Shell Size	Contacts	W — Olive Green Cadmium Finish				F — Nickel Finish			
		Mfg. Part No.	Stock No.	Price Each		Mfg. Part No.	Stock No.	Price Each	
				1-9	1-9			1-9	1-9
17	55	D38999/20WE35PN	09J7699	55.58		D38999/20FE35PN	09J7651	55.58	
17	55	D38999/20WE35PA	09J7698	55.58		D38999/20FE35PA	09J7650	55.58	
17	26	D38999/20WE26PN	09J7697	49.93		D38999/20FE26PN	09J7649	49.93	

SERIES III JAM NUT RECEPTACLES WITH PIN CONTACTS

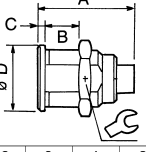
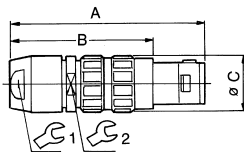
Shell Size	Contacts	W — Olive Green Cadmium Finish				F — Nickel Finish			
		Mfg. Part No.	Stock No.	Price Each		Mfg. Part No.	Stock No.	Price Each	
				1-9	1-9			1-9	1-9
9	6	D38999/24WA35PN	09J7717	43.15		D38999/24FA98PA	09J7702	42.65	
9	6	D38999/24WA35PA	09J7716	43.15		D38999/24FA35PN	09J7701	43.15	
9	3	D38999/24WA98PN	09J7719	42.65		D38999/24FB35PA	09J7704	45.46	
11	13	D38999/24WB35PN	09J7721	45.46		D38999/24FB98PA	09J7706	44.15	
11	13	D38999/24WB35PA	09J7720	45.46		D38999/24FD35PN	09J7705	45.46	
11	6	D38999/24WB98PN	09J7723	44.15		D38999/24FD35PA	09J7708	50.51	
15	37	D38999/24WE35PN	09J7731	59.67		D38999/24FD35PA	09J7710	53.94	
15	37	D38999/24WE35PA	09J7730	59.67		D38999/24FD19PN	09J7709	50.51	
15	19	D38999/24WD19PN	09J7725	50.51		D38999/24FE26PA	09J7712	54.02	
15	19	D38999/24WD19PA	09J7724	50.51		D38999/24FD35PN	09J7711	53.94	
17	55	D38999/24WD35PN	09J7727	53.94		D38999/24FE35PN	09J7715	59.67	
17	55	D38999/24WD35PA	09J7726	53.94		D38999/24FE35PA	09J7714	59.67	
17	26	D38999/24WE26PN	09J7729	54.02		D38999/24FE26PN	09J7713	54.02	

SERIES III EMI PLUGS WITH SOCKET CONTACTS

Shell Size	Contacts	W — Olive Green Cadmium Finish				F — Nickel Finish			
		Mfg. Part No.	Stock No.	Price Each		Mfg. Part No.	Stock No.	Price Each	
				1-9	1-9			1-9	1-9
9	6	D38999/26WA35SN	09J7781	38.41		D38999/26FA35SN	09J7733	38.41	
9	6	D38999/26WA35SA	09J7780	38.41		D38999/26FA35SA	09J7732	38.41	
9	3	D38999/26WA98SN	09J7783	37.68		D38999/26FA98SN	09J7735	37.68	
11	13	D38999/26WB35SN	09J7785	41.75		D38999/26FB35SN	09J7737	41.75	
11	13	D38999/26WB35SA	09J7784	41.75		D38999/26FB35SA	09J7736	41.75	
11	6	D38999/26WB98SN	09J7787	39.94		D38999/26FB98SN	09J7739	39.94	
15	37	D38999/26WD35SN	09J7791	53.27		D38999/26FD35SN	09J7743	53.27	
15	37	D38999/26WD35SA	09J7790	53.27		D38999/26FD35SA	09J7742	53.27	
15	19	D38999/26WD19SN	09J7789	48.45		D38999/26FD19SN	09J7741	48.45	
15	19	D38999/26WD19SA	09J7788	48.45		D38999/26FD19SA	09J7740	48.45	
17	55	D38999/26WE35SN	09J7795	61.52		D38999/26FE35SN	09J7747	61.52	
17	55	D38999/26WE35SA	09J7794	61.52		D38999/26FE35SA	09J7746	61.52	
17	26	D38999/26WE26SN	09J7793	52.64		D38999/26FE26SN	09J7745	52.64	

(80543)

PUSH PULL CONNECTORS



Size	00	0	1	2	3
A	31	39	45	52	62
B	23	29	34	40	47
Ø C	7	10	12	15	18

Straight Plug

Size	00	0	1	2	3
A	14	19	21	24	28
B	6	8	10	10	12
C	0.8	1.2	1.5	1.8	2.0
Ø D	8	10	14	18	22

Fixed Receptacle, Front Panel Mounting

- Ergonomical design, fast and easy to use
- Minimal extraction, insertion force
- Mechanically keyed—prevents accidental engagement of wrong connector

- 1000+ mating cycles
- Wire gauges from 30 to 12AWG
- EMI/RFI integrity maintained 65dB to 100MHz
- Contact layout from 2 to 30 contacts

SHELL SIZE: 00

No. of Pos	Cable Plug Solder Contacts		Price Each	Panel Rcpt. Solder Contacts		Price Each
	Mfg. Part No.	Stock No.		Mfg. Part No.	Stock No.	
4	● JBXFD0G04MSSDPR	31C8546	23.38	● JBXER0G04FSSDPR	31C8511	20.31

SHELL SIZE: 0

2	● JBXFD0G02MSSDSR	31C8537	31.66	● JBXER0G02FSSDSR	31C8502	23.36
3	● JBXFD0G03MSSDSR	31C8539	30.81	● JBXER0G03FSSDSR	31C8504	25.03

➔ CONTINUED ➔

PUSH PULL CONNECTORS (CONT.)

No. of Pos	Cable Plug Solder Contacts		Price Each	Panel Rcpt. Solder Contacts		Price Each
	Mfg. Part No.	Stock No.		Mfg. Part No.	Stock No.	
4	● JBXFD0G04MSSDSR	31C8541	32.41	● JBXER0G04FSSDSR	31C8506	26.65
5	● JBXFD0G05MSSDSR	31C8543	34.08	● JBXER0G05FSSDSR	31C8508	25.86
6	● JBXFD0G06MSSDPR	31C8544	38.53	● JBXER0G06FSSDPR	31C8509	32.59
7	● JBXFD0G07MSSDPR	31C8545	40.68	● JBXER0G07FSSDPR	31C8510	31.66

SHELL SIZE: 1

3	● JBXFD1G03MSSDSR	31C8547	38.84	● JBXER1G03FSSDSR	31C8513	33.82
4	● JBXFD1G04MSSDSR	31C8549	44.36	● JBXER1G04FSSDSR	31C8515	38.87
5	● JBXFD1G05MSSDSR	31C8551	46.52	● JBXER1G05FSSDSR	31C7668	38.80
6	● JBXFD1G06MSSDSR	31C8553	48.71	● JBXER1G06FSSDSR	31C8518	43.08
7	● JBXFD1G07MSSDSR	31C8555	50.86	● JBXER1G07FSSDSR	31C8520	45.17
8	● JBXFD1G08MSSDSR	31C8557	53.05	● JBXER1G08FSSDSR	31C8522	47.29
10	● JBXFD1G10MSSDPR	31C8558	57.39	● JBXER1G10FSSDPR	31C8523	51.50

SHELL SIZE: 2

3	● JBXFD2G03MSSDSR	31C8560	65.21	● JBXER2G03FSSDSR	31C8525	45.05
5	● JBXFD2G05MSSDSR	31C8562	71.24	● JBXER2G05FSSDSR	31C8527	50.96
7	● JBXFD2G07MSSDSR	31C8564	77.20	● JBXER2G07FSSDSR	31C8529	55.10
10	● JBXFD2G10MSSDSR	31C8566	83.20	● JBXER2G10FSSDSR	31C8531	64.47
16	● JBXFD2G16MSSDSR	31C8568	101.11	● JBXER2G16FSSDSR	31C8533	81.66
19	● JBXFD2G19MSSDSR	31C8570	113.10	● JBXER2G19FSSDSR	31C8535	94.38

SHELL SIZE: 0

No. of Pos	Cable Plug Crimp Contacts		Price Each	Panel Rcpt. Solder Contacts		Price Each
	Mfg. Part No.	Stock No.		Mfg. Part No.	Stock No.	
2	● JBXFD0G02MCSDSR	31C8536	29.14	● JBXER0G02FCSDSR	31C8501	25.39
3	● JBXFD0G03MCSDSR	31C8538	33.49	● JBXER0G03FCSDSR	31C8503	23.38
4	● JBXFD0G04MCSDSR	31C8540	32.41	● JBXER0G04FCSDSR	31C8505	26.65
5	● JBXFD0G05MCSDSR	31C8542	37.05	● JBXER0G05FCSDSR	31C8507	30.78

SHELL SIZE: 1

3	● JBXFD1G03MCSDSR	27C9217	42.17	● JBXER1G03FCSDSR	31C8512	36.75
4	● JBXFD1G04MCSDSR	31C8548	44.36	● JBXER1G04FCSDSR	31C8514	38.87
5	● JBXFD1G05MCSDSR	31C8550	46.52	● JBXER1G05FCSDSR	31C8516	40.96
6	● JBXFD1G06MCSDSR	31C8552	48.71	● JBXER1G06FCSDSR	31C8517	43.08
8	● JBXFD1G08MCSDSR	31C8556	53.05	● JBXER1G08FCSDSR	31C8521	45.91

(8497)

EZ 5015 POWER CONNECTORS



Amphenol Pcd



- Intermateable with all MIL-C-5015 20-4 connectors
- No specific tool required for cable assembly
- Spring cage termination
- Accepts wire sizes up to 14 AWG

EZ 5015 series connectors combine all the advantages of a standard MIL-C-5015 industrial connector with spring cage terminations commonly found in terminal blocks. A standard screwdriver (2.5mm / 3/16") is required to terminate the cable to the connector. Metallic with either thread or bayonet coupling. The plug is connected to the receptacle with a thread or bayonet coupling which allows both a tactile and auditory mating confirmation. Max. amps per contact: 20A. Square flange receptacles are sealed to IP67 standards. Fire resistance of the insert: UL94V-0.

STRAIGHT PLUGS — THREAD COUPLING

Mfg. Part No.	Contacts	Contacts Grounded To Shell	Stock No.	Price Each	
				1-9	10-24
● EZ50153106PE20-4P	4	No	93K7816	22.46	20.59
● EZ50153106PE20-4GP	4	Yes	93K7814	28.25	25.90
● EZ50153106PE20-4S	4	No	93K7817	25.43	23.31
● EZ50153106PE20-4GS	4	Yes	93K7815	31.19	28.59

STRAIGHT PLUGS — BAYONET COUPLING

● EZ5015B3106PE20-4P	4	No	93K7808	29.53	27.07
● EZ5015B3106PE20-4GP	4	Yes	93K7806	35.32	32.38
● EZ5015B3106PE20-4S	4	No	93K7809	32.47	29.76
● EZ5015B3106PE20-4GS	4	Yes	93K7807	38.26	35.07

SQUARE FLANGE RECEPTACLES — THREAD COUPLING

● EZ50153102A20-4P	4	No	93K7812	12.72	11.66
● EZ50153102A20-4GP	4	Yes	93K7810	18.51	16.97
● EZ50153102A20-4S	4	No	93K7813	15.66	14.35
● EZ50153102A20-4GS	4	Yes	93K7811	21.45	19.66

➔ CONTINUED ➔

CIRCULAR CONNECTORS

EZ 5015 POWER CONNECTORS (CONT.)

SQUARE FLANGE RECEPTACLES — BAYONET COUPLING

Mfg. Part No.	Contacts	Contacts Grounded To Shell	Stock No.	Price Each	
				1-9	10-24
● EZ5015B3102A20-4P	4	No	93K7804	19.28	17.68
● EZ5015B3102A20-4GP	4	Yes	93K7802	25.04	22.96
● EZ5015B3102A20-4S	4	No	93K7805	22.22	20.37
● EZ5015B3102A20-4GS	4	Yes	93K7803	27.98	25.65

(88865)

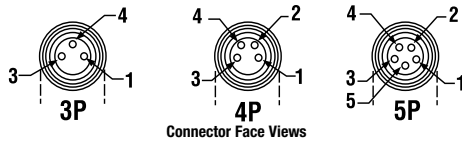
NANO-CHANGE® CONNECTORS



Molded Straight Male

- 4 AMPS at 60VAC/75VDC
- Standard M8 sensor connector
- Connector dimensions (inches): Molded Straight Male .39D x 1.46L, Field Attachable Straight Female .457D x 1.772

Field Attachable Straight Female



Smallest family of multipin connectors designed for fast, error-free wiring in all types of industrial settings. Threaded couplings meet NEMA 6 & IP67 ratings for water resistance. Cordsets are 12" long and have a molded connector on one end and stripped wire leads on the other. Receptacles mount in a 1/2" knockout and have 12" stripped wire leads. Field attachable connectors have solder terminals and are used to repair cordsets in the field. 90° versions are available; go online or call.

CORDSETS WITH MOLDED CONNECTOR AND PIGTAIL

Mfg. Part No.	Description	Poles	Stock No.	Price Each	
				Each	2-4
● 403006A10M040	Male, Straight	3	31M6592	15.45	14.91
● 403000A10M040	Female, Straight	3	14B1384	15.45	14.91
● 404006A10M040	Male, Straight	4	31M6593	18.67	18.02
● 404000A10M040	Female, Straight	4	32M1451	18.67	18.02
● 405006A10M040	Male, Straight	5	15M2441	23.72	22.90
● 405000A10M040	Female, Straight	5	15M2440	23.72	22.90

RECEPTACLES WITH 12" WIRE LEADS

4R3P06A27C300	Male	3	14B1366	8.90	8.59
4R3P00A27C300	Female	3	14B1365	11.61	11.21
4R4P06A27C300	Male	4	14B1368	9.93	9.58
4R4P00A27C300	Female	4	14B1367	12.66	12.22
4R5P06A27C300	Male	5	14B1370	10.98	10.59
4R5P00A27C300	Female	5	14B1369	13.70	13.22

FIELD ATTACHABLE CONNECTORS

● N04FAQ3124	Female, Straight	4	14B952	24.14	23.29
● N04MAQ3124	Male, Straight	4	31M5736	24.14	23.29

(62180)

MINI-CHANGE® MOLDED CONNECTORS



MINI-CHANGE MOLDED CONNECTORS

- Current rating, 8A-13A
- Connector size (inches): Straight Female Plug .56D x 4.46L, 90° Female Plug .56D x 3.53L x 1.56W, Straight Male Plug .70D x 4.50L and 90° Male Plug .70D x 3.53L x 1.60W
- For 12mm and 18mm proximity sensors

Used with: 18mm and 30mm tubular proximity sensors, limit switches, rectangular proximity and photoelectric sensors, and solenoids. Applications include: sensors on conveyors, hydraulic valves, packing equipment, and material handling equipment. Quad-Beam® contact maintains constant pressure on the male pin to ensure optimum conductivity. High-performance, long-lasting gold over palladium-nickel plating on contact. An epoxy-coated coupling nut provides up to 500 hours of corrosion resistance and an anti-vibration guard. Plugs are straight or 90° and can be lighted. Rated 7-13A, 600V. Rated NEMA 6P. UL recognized, CSA certified.

➤ CONTINUED ➤

MINI-CHANGE® MOLDED CONNECTORS (CONT.)

CORDSET WITH MOLDED CONNECTOR AND PIGTAIL  
6' CABLE LENGTH

Mfg. Part No.	Current Rating	Connector Type	Poles	Stock No.	Price Each
● 103002A01F060	13A	Male	3	18C1945	20.28
● 103000A01F060	13A	Female	3	15M1984	20.28
● 103001A01F060	13A	Female-90°	3	15M1985	20.28
● 104002A01F060	10A	Male	4	31M6367	26.25
● 104000A01F060	13A	Female	4	31M6364	26.25
● 104001A01F060	13A	Female-90°	4	31M6366	26.25
● 105002A01F060	8A	Male	5	18C1949	31.82
● 105000A01F060	8A	Female	5	18C3206	31.82
● 105001A01F060	8A	Female-90°	5	15M1988	31.82
● 208000A01F060	7A	Female	8	15M1997	65.74

15' CABLE LENGTH

● 103002A01F150	13A	Male	3	18C1946	29.64
● 103000A01F150	13A	Female	3	18C3200	29.64
● 103001A01F150	13A	Female-90°	3	18C3202	29.64
● 104002A01F150	10A	Male	4	31M6368	38.50
● 104000A01F150	10A	Female	4	31M6365	38.50
● 105002A01F150	8A	Male	5	18C1950	48.89
● 105000A01F150	8A	Female	5	18C3207	48.89
● 105001A01F150	8A	Female-90°	5	15M1989	48.89

RECEPTACLE WITH 12" WIRE LENGTHS

Mfg. Part No.	Current Rating	Receptacle Type	Poles	Stock No.	Price Each
● 1R3006A20A120	13A	Male-Straight	3	15M1980	12.39
● 1R3007A20A120	13A	Male-90°	3	18C3192	16.02
● 1R3004A20A120	13A	Female	3	15M1979	16.88
● 1R4006A20A120	10A	Male-Straight	4	15M1981	14.19
● 1R4007A20A120	10A	Male-90°	4	18C3195	17.82
● 1R4004A20A120	10A	Female	4	18C1943	18.30
● 1R5006A20A120	8A	Male-Straight	5	18C3197	16.00
● 1R5007A20A120	8A	Male-90°	5	15M1983	19.63
● 1R5004A20A120	8A	Female	5	15M1982	19.99
● 2R8006A20A120	7A	Male	8	15M1996	36.40

ATTACHABLE CONNECTORS

- Make cables the length you want
- Route cable without connector through tight spaces then add field attachable connector.

Mini-Change® connectors enable quick-disconnect wiring on specialty cables and pre-wired control system devices. Meets IEC IP68 enclosure classification. Field-wireable with a screwdriver.

Mfg. Part No.	Connector Type	Poles	Current Rating	L x W Dimensions (inches)	Stock No.	Price Each
● 1A3006-34	Male	3	13A	3.70 x 1.11	15M1977	24.84
● 1A3000-34	Female	3	13A	3.54 x 1.11	15M1976	24.84
● 1A5006-34	Male	5	8A	3.70 x 1.11	15M1978	28.20
● 1A5000-34	Female	5	8A	3.54 x 1.11	52F6719	28.20

(2956)

MINI-CHANGE® ATTACHABLE CONNECTORS



- Make cables the length you want
- Route cable without connector through tight spaces then add field attachable connector.

Mini-Change® connectors enable quick-disconnect wiring on specialty cables and pre-wired control system devices. Meets IEC IP68 enclosure classification. Field-wireable with a screwdriver.

Mfg. Part No.	Connector Type	Poles	Current Rating	L x W Dimensions (inches)	Stock No.	Price Each
● 1A3006-34	Male	3	13A	3.70 x 1.11	15M1977	24.84
● 1A3000-34	Female	3	13A	3.54 x 1.11	15M1976	24.84
● 1A5006-34	Male	5	8A	3.70 x 1.11	15M1978	28.20
● 1A5000-34	Female	5	8A	3.54 x 1.11	52F6719	28.20

(3009)

CIRCULAR CONNECTORS • CIRCULAR MINI-DIN CONNECTORS

**QUICK-CHANGE®  
CONNECTORS**



- 2 and 3 pole rated to 25 AMPS
- 4 pole rated to 20 AMPS
- Current Rating: Up to 30A
- Fractional to 5HP
- Male Cordsets Mate with Female Receptacles
- Female Cordsets Mate with Male Receptacles



Molded cordsets and receptacles quickly and safely replace motor cords on pumps, fans, grinders and other electrical equipment. Fully submersible and withstand hosedown pressures of 1000 psi. Rated NEMA 6P and IP68. Cordsets are single-ended with a molded connector at one end and stripped wire conductors at the other. 12" SOW cable has 12-gauge conductors and a safety yellow oil-resistant jacket. Mating receptacles fit into 3/4" knockouts and have 12" PVC insulated wire leads. UL recognized, CSA certified.

**CORDSET WITH MOLDED CONNECTOR AND PIGTAIL**

Mfg. Part No.	Description	Poles	Stock No.	Price Each
32028	Male	2	38B1700	55.22
32355	Male	3	15M2418	67.96
32356	Female	3	38B1733	67.96
32677	Male	4	38B1762	60.36
32679	Female	4	15M2421	83.54

**RECEPTACLE WITH 12" WIRE LEADS**

Mfg. Part No.	Description	Poles	Stock No.	Price Each
32033	Male	2	15M2416	19.94
32035	Female	2	15M2417	24.68
32358	Male	3	15M2419	22.83
32360	Female	3	15M2420	31.33
32681	Male	4	38B1766	27.89
32683	Female	4	38B1768	36.24

(62181)

**RST SERIES  
CONNECTORS**

Just Added



**Specifications:**

- 20A, 600V UL recognized, up to 10 AWG
- Screw clamp terminations
- Thermoplastic housings
- Built-in strain relief, coding and locking device
- IP65, IP66, IP67, IP68
- Continuous temperature: 100°C

96.031.4253.1

96.032.4053.1

**CONNECTORS**

Mfg. Part No.	Gender	Poles	Description	Stock No.	Price Each
96.032.4053.1	Male	3	6-10mm Dia. Cable	41M0076	19.91
96.032.4153.1	Male	3	10-14mm Dia. Cable	41M0077	19.91
96.032.5053.1	Male	3	M25 Bulk Head Connector	41M0078	16.74
96.042.4053.1	Male	4	6-10mm Dia. Cable	41M0082	31.64
96.042.4153.1	Male	4	10-14mm Dia. Cable	41M0083	31.64
96.042.5053.1	Male	4	M25 Bulk Head Connector	41M0084	26.47
96.052.4053.1	Male	5	6-10mm Dia. Cable	41M0088	34.02
96.052.4153.1	Male	5	10-14mm Dia. Cable	41M0089	34.02
96.052.5053.1	Male	5	M25 Bulk Head Connector	41M0090	28.87
96.030.0153.1	Male/Female	3	Distribution Block 1/3 with Mounting Flange	41M0070	31.85
96.031.4053.1	Female	3	6-10mm Dia. Cable	41M0071	19.91
96.031.4153.1	Female	3	10-14mm Dia. Cable	41M0072	19.91
96.031.4253.1	Female	3	Splitter 6-10mm Dia. Cable	41M0073	44.10
96.031.4353.1	Female	3	Splitter 10-14mm Dia. Cable	41M0074	44.10
96.031.5053.1	Female	3	M25 Bulk Head Connector	41M0075	16.74
96.041.4053.1	Female	4	6-10mm Dia. Cable	41M0079	31.64
96.041.4153.1	Female	4	10-14mm Dia. Cable	41M0080	31.64
96.041.5053.1	Female	4	M25 Bulk Head Connector	41M0081	26.47
96.051.4053.1	Female	5	6-10mm Dia. Cable	41M0085	34.02
96.051.4153.1	Female	5	10-14mm Dia. Cable	41M0086	34.02
96.051.5053.1	Female	5	M25 Bulk Head Connector	41M0087	28.87

**ACCESSORIES**

Mfg. Part No.	Description	Stock No.	Price Each
05.564.4453.1	End Cap, 2/3P Male Connector	41M0067	6.44
05.565.9953.1	End Cap, 4/5P Male Connector	41M0069	8.92
25.564.4553.1	End Cap, 2/3P Female Connector	41M0065	6.44

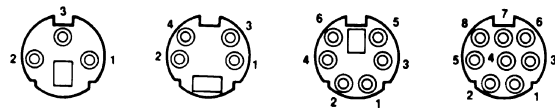
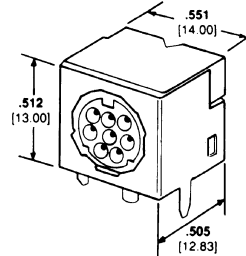
▶ CONTINUED ▶

**RST SERIES CONNECTORS (CONT.)**

Mfg. Part No.	Description	Stock No.	Price Each
25.565.9853.1	End Cap, 4/5P Female Connector	41M0066	8.92
99.000.9950.6	End Cap Fastening Cord	41M0091	4.05
05.564.8653.1	2-5P Manual Disconnect	41M0068	1.49

(91224)

**SHIELDED  
MINIATURE  
CIRCULAR DIN  
RECEPTACLES**



- Thermoplastic Housing, Rated UL 94V-0
- PC Board Thickness: 0.062" (1.57 mm)

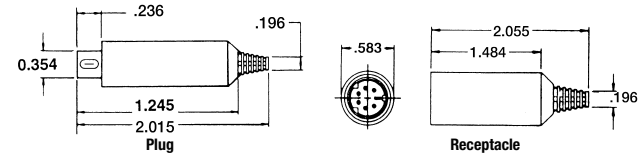
Right-angle units feature integral 1-piece tin-lead over nickel-plated copper alloy shield, built-in keying and polarization, registration notch controlled datum surfaces, and contact locations for robotic pick-up and placement. Housing withstands rigors of reflow soldering. Phosphor bronze socket contacts are duplex plated with gold flash in mating area, tin-lead on solder tail, all over nickel underplating. Stand-off design prevents shield damage to PC board traces and enhances solder clean-up. UL recognized, CSA certified.

Mfg. Part No.	Pins	Stock No.	Price Each			
5749263-1	4	42K7523	1-9	10-24	25-49	50-99
5749265-1	6	42K7524	2.24	1.88	1.50	1.25
5749268-1	8	42K7525	2.57	2.15	1.72	1.43

(7994)

**18 SERIES MINI DIN  
CIRCULAR CONNECTOR KITS**

**Amphenol  
Commercial Products**



Kit contains Mini-Din I/O connector with fixed contacts, 2-piece shield, 2-piece plastic cover, and PVC strain relief. Black thermoplastic insulation, rated UL 94V-0. Tin-plated brass shell/shield. Solder cup termination except straight plugs which are solid (solder turn). Plugs and receptacles have phosphor bronze contacts; all plated tin over nickel under plate. Current rating: 1 A. Voltage rating: 30 VAC. Contact resistance: 30 milliohms maximum. Temperature range: -55°C to +105°C.

**CABLE-MOUNT STRAIGHT PLUG KITS**

Mfg. Part No.	Positions	Stock No.	Price Each			
G18FA031350	3	31C7600	1-24	25-49	50-99	100-499
G18FA041350	4	31C7602	1.89	1.73	1.60	1.50
G18FA061350	6	31C7604	1.57	1.44	1.33	1.25
G18FA081350	8	30C2950	1.37	1.25	1.16	1.08
			1.23	1.13	1.04	0.98

**CABLE-MOUNT STRAIGHT RECEPTACLE KITS**

G18FA030350	3	31C7599	1.75	1.61	1.48	1.39
G18FA040350	4	31C7601	1.80	1.65	1.52	1.43
G18FA060350	6	31C7603	1.93	1.77	1.64	1.53
G18FA080350	8	31C7605	1.66	1.52	1.41	1.32

(8189)

**Online today.  
On your desk  
tomorrow.**

- Best products, great value.
  - No minimum order fees, no hassles.
- Visit us online today.

(94640)

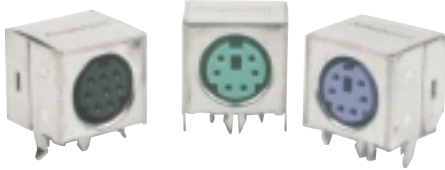


CIRCULAR MINI-DIN CONNECTORS • CIRCULAR DIN CONNECTORS

PC99 MINI-DIN CONNECTORS



Amphenol Commercial Products



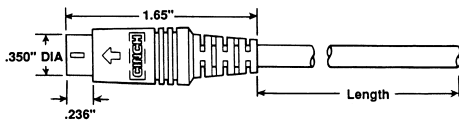
Industry-standard, right-angle PC board mount mini-DIN connectors for easy part identification. Feature a full-metal shield. Glass-filled thermoplastic insulator, rated UL 94V-0. Phosphor bronze socket contacts plated gold flash in mating area and tin/lead on termination area. Current rating: 1.5 A per contact. Voltage rating: 250 VAC/rms, 60 Hz. Single-contact insertion force: 450 g max.

Mfg. Part No.	Positions	Color	Stock No.	Price Each	
				1-9	10-24
G18K0301	3	Black	19C1049	1.63	1.48
G18K0401	4	Black	19C1050	1.75	1.60
● G18K0601EU	6	Black	21M4611	0.85	0.78
G18K0801	8	Black	19C1052	1.36	1.24
G18K0401Y	4	Yellow*	19C6096	2.09	1.90
G18K0601P	6	Purple†	19C6098	3.08	2.81
G18K0601G	6	Green‡	19C6097	3.08	2.81

\*Video Out application; †Keyboard application; ‡Mouse application (59480)

3

CIRCULAR MINI DIN PLUG SINGLE-ENDED CABLE ASSEMBLIES

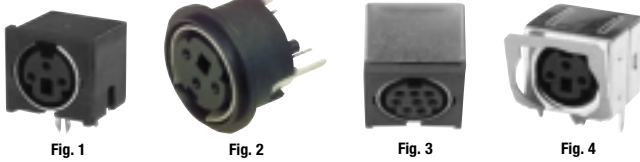


Pre-assembled single-ended cable assembly meets FCC requirements for EMI/RFI suppression. Features phosphor bronze contacts with standard plating of gold flash over nickel underplate. Current rating: 1A at 100VAC; 2A at 12VDC. Contact-to-contact resistance: 30mΩ maximum. Insulation resistance: 500MΩ minimum at 500VDC. 0.197" (5.0) OD black, PVC cable jacket over 28 AWG stranded wire conductors. Nylon plug insulator, rated UL94V-0 with black PVC plug overmold. Molded-in strain relief. Operating temperature: -40°C to +70°C. UL recognized, CSA certified.

Mfg. Part No.	Contacts	Length	Stock No.	Price Each	
				1-24	25-49
MDC-6P05	6	3.28" (1M)	51F1837	23.35	18.66
MDC-8P05	8	3.28" (1M)	51F1843	27.21	21.75
MDC-8P15	8	9.84" (3M)	51F1845	35.13	28.08

(8742)

VOLTREX® BRAND MINI CIRCULAR DIN CONNECTORS



PC board mount miniature DIN receptacles and plug feature selective plating. Receptacles available in nonshielded and 4- and 5-sided shielded versions. 5-sided shielded version is also available with a grounding clip.

NONSHIELDED RECEPTACLES — FIG. 1

Mfg. Part No.	Pins	Stock No.	Price Each	
			1-9	10-24
● SPC15537	4	82K7818	1.00	0.85
● SPC21456	5	11M0651	2.75	2.34
● SPC15538	6	82K7819	1.25	1.06
● SPC15539	8	82K7820	1.46	1.24

NONSHIELDED RECEPTACLES — FIG. 2

● SPC21457	3	11M0652	2.48	2.11
● SPC21458	4	11M0653	3.07	2.61
● SPC21459	5	11M0654	3.42	2.91

SHIELDED RECEPTACLES, 4 SIDES — FIG. 3

● SPC15540	3	82K7821	1.29	1.10
● SPC15541	4	82K7822	1.38	1.17
● SPC15542	5	82K7823	1.46	1.24

➔ CONTINUED ➔

VOLTREX® BRAND MINI CIRCULAR DIN CONNECTORS (CONT.)

SHIELDED RECEPTACLES, 4 SIDES — FIG. 3

Mfg. Part No.	Pins	Stock No.	Price Each	
			1-9	10-24
● SPC15543	6	82K7824	1.58	1.35
● SPC15544	8	82K7825	1.71	1.45

SHIELDED RECEPTACLE, 5 SIDES — FIG. 3

SPC4293	3	84N1312	1.31	1.12
---------	---	---------	------	------

SHIELDED RECEPTACLE, 5 SIDES WITH GROUNDING CLIP — FIG. 4

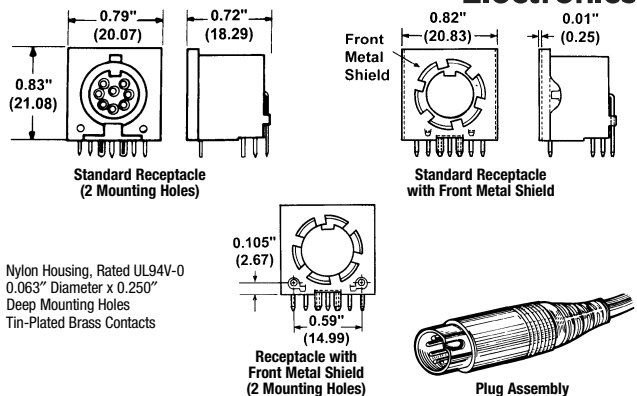
● SPC15545	5	82K7826	1.75	1.49
● SPC15546	6	82K7827	1.75	1.49
● SPC15547	8	82K7828	1.87	1.59

DIN PLUG — FIG. 5

● SPC21461	5	11M0656	6.68	5.68
------------	---	---------	------	------

(28571)

SHIELDED CIRCULAR DIN CONNECTORS



- Nylon Housing, Rated UL94V-0
- 0.063" Diameter x 0.250" Deep Mounting Holes
- Tin-Plated Brass Contacts

PC board receptacles available with or without tin-plated brass front shield. Plugs are interchangeable/intermateable with other DIN standard connectors, and meet or exceed DIN specification 41524 for 5-position and 45322 for 6-position plug. A complete plug assembly requires: one black nylon plug housing with tin-plated brass shield; tin-plated brass ferrule; cord guard; and 50µ" snap-in contacts; all ordered separately below. 100µ" silver-over-copper plated pin contacts available; go online or call. Application tools, including ferrule tool to crimp ferrule to shield, ordered separately below. UL recognized, CSA certified.

STANDARD RECEPTACLES — 2 MOUNTING HOLES

Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-9	10-24
● 5211450-1	4	42K7092	3.77	
● 5211510-1	7	87K6910	6.74	
● 5211511-1	9	42K7094	9.59	

RECEPTACLES — FRONT METAL SHIELD, NO MOUNTING HOLES

● 5212044-1	10	42K7096	5.66	
● 5212046-1	7	87K6912	11.62	
● 5212047-1	8	42K7098	7.48	

RECEPTACLES — FRONT METAL SHIELD, 2 MOUNTING HOLES

● 5212032-1	4	87K6911	13.17	
● 5212034-1	8	42K7095	8.47	

PLUG HOUSINGS WITH METAL SHIELD

● 9-212437-1	6	87K6922	3.50	
● 9-212437-2	8	87K6923	4.33	

TIN-PLATED BRASS FERRULES

Mfg. Part No.	Cable Dia. (in.)	Stock No.	Price Each		
			1-9	10-24	25-49
● 212435-9	0.250-0.300"	89F4265	0.84	0.76	0.67

PRE-MOLDED CORD GUARDS

● 212800-1	0.165-0.250"	89F4266	2.82	2.53	2.26
● 212800-3	0.250-0.300"	89F4267	4.21	3.78	3.38

CRIMP, SNAP-IN PIN CONTACTS

Mfg. Part No.	AWG	Stock No.	Price Each		
			1-9	10-24	25-49
● 66728-5	28-22	89F4268	0.92	0.83	0.74

APPLICATION TOOLS

Mfg. Part No.	Description	Stock No.	Price Each
● 91002-1	Pin Contact Insertion Hand Tool	89F4310	19.01
69710-1	Ferrule Crimp Hand Tool+	89F4270	358.50

+Interchangeable die sets are available; go online or call. (7993)

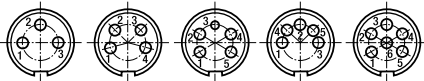
CIRCULAR DIN CONNECTORS

C091A SERIES CIRCULAR DIN CONNECTORS

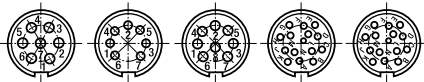


Amphenol

Amphenol-Tuchel Electronics GmbH



No. of Contacts	2 + 3	4	5	5 Stereo	6
Contact Arrangement					
Acc. to DIN	41 524	...	...	41 524	45 322
Acc. to IEC	130-9	...	...	130-9	130-9



No. of Contacts	7	7	8	12	14
Contact Arrangement					
Acc. to DIN	...	45 329	45 326	...	...
Acc. to IEC	...	130-9	130-9	...	...

CONTACT ARRANGEMENTS

- Complete EMI Shielding in Fully Mated and Locked Position
- Internal Metal Strain Relief with Half Shell Construction and Snap-in Latching
- UL File Number: E63093, DIN 40-450, Rated IP40

Coupling ring: die-cast, nickel-plated. Backshell: thermoplastic. Current rating: 5 A, except 12 and 14 positions which are 3 A. Voltage rating: 300 V, except 5, 7, 8 (DIN) which are 100V; 12 and 14 positions which are 150 V. Cable outlet: 0.236" (6 mm) max. Panel thickness for receptacles: 0.140" (3 mm). Solder termination: <sup>29</sup>/<sub>32</sub> AWG 0.14 - 0.5mm<sup>2</sup>, <sup>29</sup>/<sub>32</sub> AWG 12 and 14 position.

6 mm STRAIGHT MALE CABLE PLUGS

Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-9	10-49
● T3260-001	3 (DIN)	47F020	9.64	8.18
● T3300-001	4 (IEC)	47F021	10.13	8.59
● T3360-001	5	47F022	10.13	8.59
● T3360-010	5 (S DIN)	16F6837	12.03	10.21
● T3400-001	6 (DIN)	47F023	10.75	9.12
● T3475-001	7	47F024	11.36	9.64
● T-3504-001	8 (DIN)	16F6841	11.36	9.64
● T3635-001	12	47F025	25.29	21.46
● T-3650-001	14	16F6843	26.71	22.65

6 mm STRAIGHT FEMALE CABLE PLUGS

● T3261-001	3 (DIN)	16F6901	11.70	9.92
● T-3301-001	4	16F6902	11.70	9.92
● T3361-001	5	16F6903	11.70	9.92
● T3401-001	6 (DIN)	16F6905	13.06	11.08
● T3476-001	7	16F6906	13.09	11.10
● T-3505-001	8	16F6908	15.53	13.17
● T3636-001	12	16F6909	22.41	19.01
● T-3651-001	14	16F6910	24.19	20.52

8 mm STRAIGHT MALE CABLE PLUGS

● T3300-002	4 (IEC)	16F6846	12.26	10.40
● T3360-002	5	16F6847	12.29	10.42
● T3400-002	6 (DIN)	16F6849	13.80	11.71
● T3475-002	7	16F6850	13.83	11.73
● T3504-002	8	16F6852	13.21	11.21

FRONT-MOUNT MALE RECEPTACLES WITH HEX-NUT

● T 3262 009	3 (DIN)	34B8905	5.04	4.28
● T 3302 009	4 (IEC)	34B8928	5.71	4.84
● T 3362 009	5	34B8969	5.74	4.87

▶ CONTINUED ▶

C091A SERIES CIRCULAR DIN CONNECTORS (CONT.)

FRONT-MOUNT MALE RECEPTACLES WITH HEX-NUT

Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-9	10-49
● T 3402 009	6 (DIN)	34B9001	6.04	5.13
● T 3477 009	7	34B9033	6.33	5.37
● T 3506 009	8 (DIN)	34B9061	7.23	6.13

FRONT-MOUNT FEMALE RECEPTACLES WITH HEX NUT

● T3263-009	3 (DIN)	47F030	5.71	4.84
● T3303-009	4 (IEC)	47F031	5.71	4.84
● T3363-009	5	47F032	5.92	5.02
● T3359-009	5 (S DIN)	16F6818	7.79	6.61
● T3403-009	6 (DIN)	47F033	9.56	8.11
● T3478-009	7	47F034	6.30	5.35
● T-3507-009	8	16F6822	10.54	8.94
● T3638-009	12	47F035	17.92	15.20
● T-3653-009	14	16F6824	20.05	17.01

REAR-MOUNT FEMALE RECEPTACLES WITH HEX NUT

● T3363-109	5	24C5109	5.35	4.54
● T3507-109	8 (DIN)	24C5110	10.18	8.64

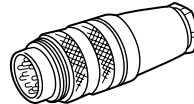
(8350)

C091D SERIES WATERPROOF CIRCULAR DIN CONNECTORS

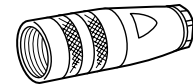


Amphenol

Amphenol-Tuchel Electronics GmbH



Straight Male Cable Plug



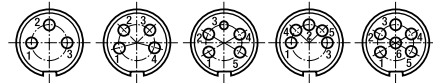
Straight Female Cable Plug



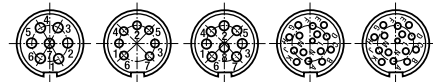
Male Panel Receptacle



Female Panel Receptacle



No. of Contacts	2 + 3	4	5	5 Stereo	6
Contact Arrangement					
Acc. to DIN	41 524	...	...	41 524	45 322
Acc. to IEC	130-9	...	...	130-9	130-9



No. of Contacts	7	7	8	12	14
Contact Arrangement					
Acc. to DIN	...	45 329	45 326	...	...
Acc. to IEC	...	130-9	130-9	...	...

CONTACT ARRANGEMENTS

- IP67 Rated (Waterproof) When Mated
- Dust-Tight
- Solder Termination, Silver-Plated Contacts

All metal for EMI shielding and ruggedness. Feature die-cast brass shells with nickel plating and IEC 130-9 threaded coupling. Current rating: 5A. Voltage rating: 300V except for 5, 7 and 8 DIN position (100V). Cable outlet: 0.236". Termination: solder, <sup>29</sup>/<sub>32</sub> AWG wire, 0.14-0.5mm<sup>2</sup>; 24-26 AWG wire, 12 and 14 positions. Contact plating: silver. Solder area is tin-plated on receptacles. Gold-plated contacts and other sizes and versions available, including plugs for 8mm cable; go online or call.

6 mm STRAIGHT MALE CABLE PLUGS

Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-4	5-9
● C091 31H003 100 2	3 (DIN)	34B7588	23.48	21.52
● C091 31H004 100 2	4 (IEC)	34B7590	23.69	21.72
● C091 31H005 100 2	5 (DIN)	34B7592	23.72	21.74
● C091 31H006 100 2	6 (DIN)	34B7594	24.27	22.25
● C091 31H007 100 2	7	34B7596	24.44	22.40
● C091 31H008 100 2	8 (DIN)	34B7598	24.92	22.84
● C091 31H012 200 2*	12	02H4736	29.86	27.37

▶ CONTINUED ▶

CIRCULAR DIN CONNECTORS

C091D SERIES WATERPROOF CIRCULAR DIN CONNECTORS (CONT.)

6 mm STRAIGHT FEMALE CABLE PLUGS

Mfg. Part No.	Contacts	Stock No.	Price Each	
			1-4	5-9
● C091 31D003 100 2	3 (DIN)	34B7558	24.72	22.66
● C091 31D005 100 2	5 (DIN)	34B7562	24.80	22.73
● C091 31D006 100 2	6 (DIN)	34B7564	25.01	22.93
● C091 31D007 100 2	7	34B7566	25.01	22.93
● C091 31D008 100 2	8 (DIN)	34B7568	27.34	25.06

8 mm STRAIGHT MALE CABLE PLUG

● C091 31H008 101 2	8 (DIN)	34B7599	24.92	22.84
---------------------	---------	---------	-------	-------

8 mm STRAIGHT FEMALE CABLE PLUG

● C091 31D008 101 2	8 (DIN)	34B7569	27.22	24.95
---------------------	---------	---------	-------	-------

FRONT MOUNT MALE PANEL RECEPTACLES

● C091 31W004 100 2	4 (DIN)	34B7646	7.30	6.69
● C091 31W005 100 2	5 (DIN)	34B7647	7.47	6.85
● C091 31W006 100 2	6 (DIN)	34B7648	7.73	7.09
● C091 31W007 100 2	7	34B7649	7.88	7.22
● C091 31W008 100 2	8 (DIN)	34B7650	8.48	7.77

FRONT MOUNT FEMALE PANEL RECEPTACLES

● C091 31N003 100 2	3 (DIN)	34B7608	8.60	7.88
● C091 31N004 100 2	4	34B7609	8.62	7.90
● C091 31N005 100 2	5 (DIN)	34B7610	8.64	7.92
● C091 31N006 100 2	6 (DIN)	34B7611	10.04	9.20
● C091 31N007 100 2	7	34B7612	10.04	9.20
● C091 31N008 100 2	8 (DIN)	34B7613	12.36	11.33

PROTECTIVE CAPS

● C091 00U000 1202	Male Receptacle	96H7911	7.04	6.45
● C091 00V000 120 2	Female Receptacle	10M6148	5.60	5.13

\*Gold-plated (72959)

DIN TYPE STANDARD AND LOCKING PLUGS



Fig. 1



Fig. 2



Fig. 3

- Robust construction incorporating cable grip and strain relief
- Manufactured to DIN 41524, 45322, 45326, 45327 and 45329

Current rating: 4A. Body material: zinc alloy. Contact material: brass. Contact finish: silver.

STANDARD, NICKEL FINISH

Mfg. Part No.	Fig.	Contacts	Stock No.	Price Each		
				1-9	10-99	100-499
● 610-0300	1	3	69K6076	2.65	2.41	2.20
● 610-0400	1	4	69K6077	2.65	2.41	2.20
● 610-0500	1	5	69K6078	2.68	2.44	2.23
● 610-0510	1	5	69K6079	2.74	2.49	2.27
● 610-0520	1	5	69K6080	2.82	2.56	2.34
● 610-0600	1	6	69K6081	3.13	2.85	2.60
● 610-0700	1	7	69K6082	3.56	3.23	2.95
● 610-0800	1	8	69K6083	3.75	3.41	3.12

STANDARD, BLACK MATT FINISH

● 611-0300	2	3	69K6084	2.88	2.62	2.39
● 611-0400	2	4	69K6085	2.82	2.56	2.34
● 611-0500	2	5	69K6086	2.94	2.67	2.44
● 611-0510	2	5	69K6087	2.88	2.62	2.39
● 611-0520	2	5	69K6088	3.02	2.74	2.51
● 611-0600	2	6	69K6089	3.30	3.00	2.74
● 611-0700	2	7	69K6090	3.78	3.43	3.14
● 611-0800	2	8	69K6091	3.98	3.61	3.30

LOCKING, NICKEL FINISH

● 590-0300	3	3	69K6020	4.26	3.87	3.54
● 590-0400	3	4	69K6021	4.09	3.72	3.40
● 590-0500	3	5	69K6022	4.38	3.97	3.63
● 590-0510	3	5	69K6023	4.18	3.79	3.47
● 590-0520	3	5	69K6024	4.26	3.87	3.54
● 590-0600	3	6	69K6025	4.57	4.15	3.79
● 590-0700	3	7	69K6026	4.80	4.36	3.98
● 590-0800	3	8	69K6027	4.26	3.87	3.54

LOCKING, BLACK MATT FINISH

● 591-0300	...	3	69K6028	4.57	4.15	3.79
● 591-0400	...	4	69K6029	4.52	4.10	3.75

➔ CONTINUED ➔

DIN TYPE STANDARD AND LOCKING PLUGS (CONT.)

LOCKING, BLACK MATT FINISH

Mfg. Part No.	Fig.	Contacts	Stock No.	Price Each		
				1-9	10-99	100-499
● 591-0500	...	5	69K6030	4.71	4.28	3.91
● 591-0510	...	5	69K6031	4.71	4.28	3.91
● 591-0600	...	6	69K6033	4.80	4.36	3.98
● 591-0700	...	7	69K6034	5.19	4.71	4.31
● 591-0800	...	8	69K6035	5.42	4.92	4.50

(85900)

DIN TYPE LINE SOCKETS



- Robust construction incorporating cable grip and strain relief
- Mates with all standard lockable plugs
- Manufactured to DIN 41524, 45322, 45326, 45327 and 45329

Current rating: 4A. Body material: zinc alloy. Body plating: nickel over copper. Contact material: brass. Contact finish: silver.



Mfg. Part No.	Contacts	Stock No.	Price Each		
			1-9	10-99	100-499
● 600-0300	3	69K6050	3.51	3.18	2.88
● 600-0400	4	69K6051	3.40	3.08	2.79
● 600-0500	5, 45°	69K6052	3.56	3.22	2.92
● 600-0510	5, 60°	69K6053	3.56	3.22	2.92
● 600-0600	6	69K6055	3.51	3.18	2.88
● 600-0700	7	69K6056	3.78	3.42	3.10

(85901)

DIN TYPE CIRCULAR AND FLANGE MOUNTING SOCKETS



Fig. 1



Fig. 2

- Circular sockets are designed for panel mounting using a single hexagonal turned brass nut
- Flange mount sockets are designed for panel mounting using two flanged fixing M3 screws
- Mate with all standard lockable plugs

Body material: brass (650 and 651 series); mazak (630 series). Contact material: brass. Contact finish: silver.

CIRCULAR, NICKEL FINISH

Mfg. Part No.	Fig.	Contacts	Stock No.	Price Each		
				1-9	10-99	100-499
● 650-0300	1	3	69K6134	3.73	3.47	3.10
● 650-0500	1	5	69K6137	4.24	3.95	3.53
● 650-0510	1	5	69K6138	4.37	4.07	3.64
● 650-0600	1	6	69K6140	4.67	4.35	3.89
● 650-0700	1	7	69K6141	5.04	4.69	4.20
● 650-0800	1	8	69K6142	5.19	4.83	4.32

CIRCULAR, BLACK MATT FINISH

● 651-0300	...	3	69K6143	4.09	3.81	3.41
● 651-0400	...	4	69K6144	4.15	3.87	3.46
● 651-0500	...	5	69K6145	4.67	4.35	3.89
● 651-0510	...	5	69K6146	4.58	4.26	3.81
● 651-0520	...	5	69K6147	4.58	4.26	3.81
● 651-0600	...	6	69K6148	4.82	4.49	4.02
● 651-0700	...	7	69K6149	5.19	4.83	4.32
● 651-0800	...	8	69K6150	5.49	5.12	4.58

FLANGE MOUNT, NICKEL FINISH

● 630-0300	2	3	69K6124	2.14	1.99	1.78
● 630-0400	2	4	69K6125	2.23	2.08	1.86
● 630-0500	2	5	69K6126	2.44	2.28	2.04
● 630-0510	2	5	69K6127	2.44	2.28	2.04
● 630-0520	2	5	69K6128	2.60	2.42	2.16
● 630-0600	2	6	69K6129	2.75	2.56	2.29
● 630-0700	2	7	69K6130	3.02	2.82	2.52
● 630-0800	2	8	69K6131	3.63	3.38	3.03

(85902)