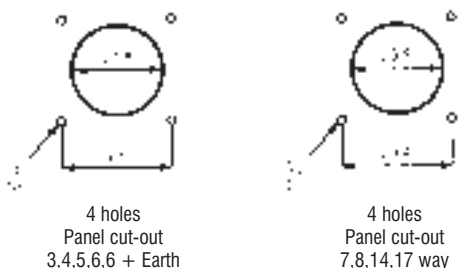


Circular Multipole - MIL-C-5015 - continued

'CM' Series Plastic Threaded Coupling - continued

MIL-C-5015-IP67 - continued



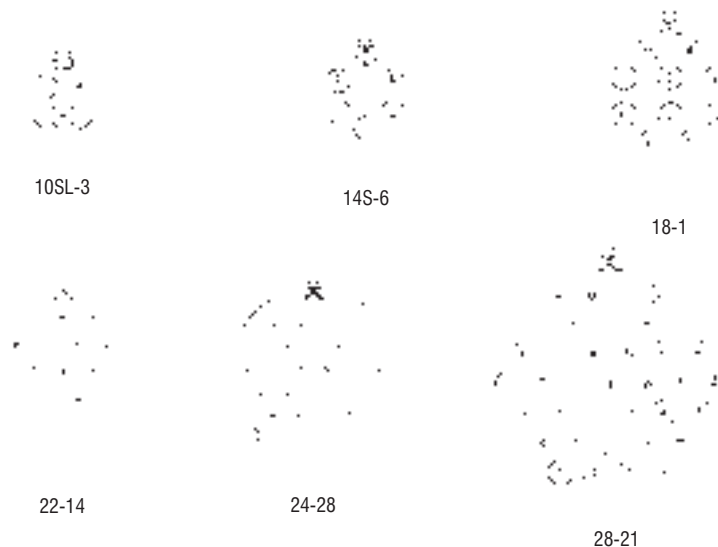
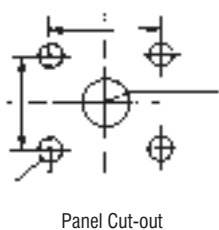
Plastic screwlocking connectors conforming to MIL-C-5015 size 14S and 20. Also connection of continuous action and proportional action valves to DIN 43 563 (draft). A panel mount plug is also available with filter function to prevent EMC. Manufactured from cost effective impact-proof glass-fibre-reinforced plastic these connectors are sealed to IP67.

Current Rating	10A 2A 5A 4A	(3,4,5,6,6+ Earth, 8 way) (6+ Earth with filter) (14 way) (17 way)
Voltage Rating	50V ac/dc	
Contact Resistance	≥5mΩ ≤4mΩ	(3,4,5,6,6+ Earth) (7,8,14,17 way)
Filters	6 X 1nF	
Temperature Range	-40°C to +90°C	
Housing	Glass-fibre reinforced Polyamide/UL94V-1	
Contact bearer	Glass-fibre reinforced Polyamide/UL94V-1	
Contacts	Copper alloy/Silver plated	
Protection	IP67 (DIN 40 050)	
Wire conductor size	1mm ² /20AWG 1.5mm ² /16AWG	(3,4,5,6,6+ Earth) (8,14,17 way)
Cable Gland	PG11/Cable = 8-10mm PG16/Cable = 12-14mm PG13.5/Cable = 10-12mm	(3,4,5,6,6+ Earth) (7,14,17 way) (8 way)
Termination	Solder	

209099

No. of Ways	Insert Type	Mfrs. List No.	Order Code	1+	10+	25+	50+	+
Free Socket								
4	14S-2	CM06EA14S-2S	494-732	931.00	819.00	753.00	651.00	--
4	14S-2	CM06EA14S-2S	117-6397	931.00	819.00	753.00	651.00	--
5	14S-5	CM06EA14S-5S	494-744	931.00	819.00	753.00	651.00	--
5	14S-5	CM06EA14S-5S	117-6399	931.00	819.00	753.00	651.00	--
6	14S-6	CM06EA14S-6S	494-756	1,027.00	903.00	832.00	719.00	--
6	14S-6	CM06EA14S-6S	117-6400	1,027.00	903.00	832.00	719.00	--
6	14S-6	CM06EA14S-6S	117-6401	1,047.00	920.00	847.00	732.00	--
6+Earth	14S-61	CM06EA14S-61S	494-768	1,047.00	920.00	847.00	732.00	--
8	20-7	CM06EA20-7S	494-781	1,263.00	1,112.00	1,024.00	884.00	--
14	20-27	CM06EA20-27S	494-793	1,713.00	1,508.00	1,386.00	1,198.00	--
17	20-29	CM06EA20-29S	494-800	1,991.00	1,751.00	1,613.00	1,394.00	--
Panel Plug								
4	14S-2	CM02E14S-2P	494-823	377.00	332.00	306.00	263.00	--
5	14S-5	CM02E14S-5P	494-835	305.00	269.00	248.00	214.00	--
6	14S-6	CM02E14S-6P	494-847	404.00	356.00	328.00	282.00	--
6+Earth	14S-61	CM02E14S-61P	494-859	414.00	365.00	336.00	289.00	--
8	20-7	CM02E20-7P	494-884	442.00	390.00	359.00	310.00	--
14	20-27	CM02E20-27P	494-896	583.00	514.00	472.00	408.00	--
17	20-29	CM02E20-29P	494-902	751.00	660.00	607.00	525.00	--
Protective Cap for Panel Plug								
4,5,6,6+Earth		CM02SD14S	494-914	340.00	296.00	272.00	--	--
4,5,6,6+Earth		CM02SD14S	117-6402	340.00	296.00	272.00	--	--
7,8,14,17		CM02SD20	494-926	464.00	404.00	373.00	--	--
Gasket for Panel Plugs								
Size 14		CM02D14S	NEW 758-5756	58.00	51.00	48.00	44.00	--
Size 20		CM02D20	NEW 758-5764	67.00	57.00	51.00	48.00	--

Heavy Duty Threaded Coupling MIL-C-5015



A range of industrial multipole connectors conforming to MIL-C-5015 with single keyway polarisation.

The aluminium housings are cadmium plated with an olive colour chromate finish giving a high resistance to corrosion. Inserts are diallyl pthalate, providing high arc and insulation resistance under both humidity and thermal stress.

Contact rating	13A @ 700V dc or ac peak except 6 & 24 way 13A @ 250V dc or ac peak	Contacts	Silver plated Copper alloy
Dielectric voltage	2000V ac (Insert 14S-6 1000V ac)	Insulator	Diallyl pthalate
Mating cycles	500	Wire conductor diameter	0.8mm to 1.4mm
Temperature range	-55°C to +125°C		22 to 16 AWG
Housing	Aluminium alloy		

Free Housings

No. of Ways	Insert Type	Length	Coupling Diameter	Cable Clamp Maximum Wire Diameter
3	10SL-3S	34.93	22.23	7.92
6	14S-6	36.5	28.58	11.10
10	18-1	50.8	34.11	15.88
19	22-14	53.98	40.46	19.05
24	24-28	57.15	43.64	23.80
37	28-21	57.15	49.99	23.80

Mfrs. List No. 97-3106A-xx y, where xx=insert type and y=P-Pin or S-Socket

Note: Free plugs only mate with panel sockets
Free sockets only mate with panel plugs

208970

No. of Ways	Insert Type	Order Code	1+	10+	25+	50+	+
Free Plug - Pin Contacts							
6	14S-6P	151-615	883.00	708.00	646.00	563.00	--
10	18-1P	151-616	1,331.00	1,020.00	912.00	811.00	--
19	22-14P	151-617	1,625.00	1,245.00	1,113.00	990.00	--
24	24-28P	151-618	2,165.00	1,949.00	1,743.00	1,550.00	--
37	28-21P	151-619	2,239.00	1,869.00	1,703.00	1,603.00	--
Free Socket - Socket Contacts							
3	10SL-3SS	151-620	821.00	646.00	573.00	500.00	--
6	14S-6SS	151-621	1,001.00	862.00	771.00	762.00	--
10	18-1S	151-622	1,274.00	1,056.00	1,000.00	988.00	--
19	22-14SS	151-623	1,748.00	1,400.00	1,252.00	1,113.00	--
24	24-28S	151-624	2,528.00	1,986.00	1,810.00	1,609.00	--
37	28-21S	151-625	2,841.00	2,232.00	2,034.00	1,921.00	--
Cable Clamp and Bush							
Fits 10SL-3 insert	10SL-3	151-626	521.00	410.00	363.00	--	--
Fits 14S-6 insert	14S-6	151-627	534.00	420.00	373.00	--	--
Fits 18-1 insert	18-1	151-628	524.00	412.00	366.00	--	--
Fits 22-14 insert	22-14	151-629	536.00	422.00	374.00	--	--
Fits 24-28 & 28-21 insert	28-21	151-630	573.00	451.00	400.00	371.00	--

No. of Ways	Insert Type	Overall Length	Flange Width	Front Mounting Panel Cut-out Dimensions		
				A	B (dia.)	C (dia.)
3	10SL-3	24.21	25.4	18.24	20.62	3.25
6	14S-6	23.8	30.15	23.01	23.83	3.25
10	18-1	34.11	34.93	26.97	30.18	3.25
19	22-14	34.11	41.28	31.75	36.53	3.25
24	24-28	34.11	44.45	34.93	39.67	3.95
37	28-21	34.11	50.8	39.67	46.02	3.95

Mfrs. List No. 97-3102A-xx y, where xx=insert type and y=P-Pin or S-Socket

No. of Insert Ways	Type	Order Code	1+	10+	25+	50+	+
Panel Plug - Pin Contacts							
3	10SL-3P	151-631	1,060.00	812.00	726.00	646.00	--
6	14S-6P	151-632	693.00	546.00	484.00	422.00	--
10	18-1P	151-633	906.00	694.00	632.00	552.00	--
19	22-14P	151-634	1,213.00	987.00	934.00	831.00	--
24	24-28P	151-635	1,708.00	1,308.00	1,170.00	1,040.00	--
37	28-21P	151-636	1,927.00	1,543.00	1,466.00	1,380.00	--
Panel Socket - Socket Contacts							
6	14S-6S	151-638	630.00	551.00	489.00	426.00	--
10	18-1S	151-639	1,004.00	769.00	688.00	611.00	--
19	22-14S	151-640	1,437.00	1,100.00	984.00	875.00	--
24	28-21S	151-641	1,814.00	1,389.00	1,242.00	1,173.00	--
37	28-21S	151-642	2,085.00	1,638.00	1,493.00	1,410.00	--