

Circular Multipole - MIL-C-26482 - continued

MIL-C-26482 Series 1 - continued

Miniature Sealed Connectors - continued

Shell Size	No. Contacts	Contact Size	Order Code	Price Each		
				1+	5+	10+
Crimp Contacts						
Size 16 Pin			119-0518 ●	47.00	43.00	39.00
Size 16 Socket			119-0521 ●	85.00	78.00	71.00
Size 20 Pin			119-0522 ●	34.00	31.00	28.00
Size 20 Socket			119-0523 ●	46.00	42.00	38.00

Miniature Sealed Bayonet Coupling - Pattern 105

Free plug 107-899

Square flange panel socket 107-922

Panel cut-outs

10-06 10-07 12-08 12-10

14-12 14-19 16-26 18-32

○ Size 20 contact ○ Size 16 contact

A range of miniature multipole connectors conforming to MIL-C26482 and manufactured to BS9522-F0017 and DEF STAN 59-35 Pattern 105.

The aluminium housings are cadmium plated with an olive colour chromate finish, giving a high resistance to corrosion. A dynamic sealing ring and grommet provide protection against water ingress to IP67 on the free plug.

Gold plated brass contacts make the connectors ideal for signal applications and ensure 500 mating cycles minimum. Positive coupling is indicated by an audible click and alignment of the three bayonet pins. Five key ways on the receptacle also ensure correct polarisation.

Contact rating (fully loaded)	Housing	Aluminium alloy
Size 20 5A @ 700V dc or ac peak	Contacts	Brass, Gold plated
Size 16 10A @ 700V dc or ac peak	Termination	Solder bucket
Mating cycles 500	Insulator/grommet	Polychloroprene
Contact resistance 5mΩ max.	Wire conductor diameter	
Temperature range -55°C to +125°C		

Free Housings with Cable Clamp

No. of Ways	Insert Type	Overall Length	Coupling Diameter	Cable Dia. (max.)
6	10-06	51.33	21.8	5.02
7	10-07	51.33	21.8	5.02
8	12-08	51.33	26.4	8.3
10	12-10	51.33	26.4	8.3
12	14-12	51.33	30	9.77
19	14-19	51.33	30	9.77
26	16-26	53.36	33.3	12.95
32	18-32	56.93	35.6	16.12

Mfrs List No. AB05 6027xyN00, 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.

No. of Ways	Insert Type	Order Code	1+	10+	25+	50+	+
Free Plug - Pin Contacts							
6	10-06	107-894 ▲	1,839.00	1,733.00	1,708.00	1,493.00	--
7	10-07	107-895 ▲	1,862.00	1,769.00	1,705.00	1,374.00	--
8	12-08	107-896 ▲	2,020.00	1,955.00	1,924.00	1,569.00	--
10	12-10	107-897 ▲	2,097.00	1,992.00	1,892.00	1,688.00	--
12	14-12	107-898 ▲	2,359.00	2,241.00	2,098.00	1,756.00	--
19	14-19	107-899 ▲	2,608.00	2,586.00	2,310.00	1,843.00	--
26	16-26	107-900 ▲	2,845.00	2,703.00	2,626.00	2,216.00	--
32	18-32	107-901 ▲	3,034.00	2,882.00	2,738.00	2,537.00	--
Free Socket - Socket Contacts							
6	10-06	107-902 ▲	1,992.00	1,830.00	1,728.00	1,377.00	--
7	10-07	107-903 ▲	2,000.00	1,901.00	1,896.00	1,822.00	--
8	12-08	107-904 ▲	2,091.00	1,914.00	1,774.00	1,555.00	--
10	12-10	107-905 ▲	2,266.00	2,222.00	2,192.00	2,091.00	--
12	14-12	107-906 ▲	2,623.00	2,597.00	2,453.00	2,118.00	--
19	14-19	107-907 ▲	2,840.00	2,840.00	2,680.00	2,254.00	--
26	16-26	107-908 ▲	3,337.00	3,170.00	3,012.00	2,651.00	--
32	18-32	107-909 ▲	3,806.00	3,616.00	3,435.00	3,223.00	--

Square Flange Panel Mounting

No. of Ways	Insert Type	Overall Length	Flange Width	Front Mounting Panel Cut-out Dimensions	
				A	B (dia.)
6	10-06	26.4	24.3	18.26	17.40
7	10-07	26.4	24.3	18.26	17.40
8	12-08	26.4	26.6	20.62	21.95
10	12-10	26.4	26.6	20.62	21.95
12	14-12	26.4	29.0	23.01	25.12
19	14-19	26.4	29.0	23.01	25.12
26	16-26	26.4	31.5	24.61	28.27
32	18-32	26.4	33.8	26.97	31.45

Mfrs. List No. AB05 2100 xx yN00, where xx=insert type and y=P-pin or S-socket

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No. of Ways	Insert Type	Order Code	1+	10+	25+	50+	+
Square Flange Panel Plug - Pin Contacts							
6	10-06P	107-910 ▲	976.00	912.00	849.00	736.00	--
7	10-07P	107-911 ▲	986.00	957.00	903.00	739.00	--
8	12-08P	107-912 ▲	1,126.00	1,070.00	1,065.00	907.00	--
10	12-10P	107-913 ▲	1,252.00	1,126.00	1,055.00	832.00	--
12	14-12P	107-914 ▲	1,321.00	1,255.00	1,244.00	990.00	--
19	14-19P	107-915 ▲	1,587.00	1,517.00	1,436.00	1,084.00	--
26	18-32P	107-916 ▲	1,900.00	1,846.00	1,628.00	1,292.00	--
32	18-32P	107-917 ▲	2,095.00	1,990.00	1,890.00	1,873.00	--
Square Flange Panel Socket - Socket Contacts							
6	10-06S	107-918 ▲	934.00	803.00	727.00	707.00	--
7	10-07S	107-919 ▲	1,199.00	1,009.00	966.00	811.00	--
8	12-08S	107-920 ▲	1,358.00	1,100.00	1,052.00	900.00	--
10	12-10S	107-921 ▲	1,342.00	1,208.00	1,191.00	1,020.00	--
12	14-12S	107-922 ▲	1,714.00	1,589.00	1,512.00	1,168.00	--
19	14-19S	107-923 ▲	2,172.00	2,012.00	1,984.00	1,568.00	--
26	16-26S	107-924 ▲	2,822.00	2,614.00	2,467.00	2,025.00	--
32	18-32S	107-925 ▲	3,279.00	2,922.00	2,721.00	2,226.00	--

Circular Multipole - MIL-C-5015

MIL-C-5015 Connectors



The CM1 series of connectors derives from the MIL-C-5015 standard, but is different because of its bayonet coupling, which reduces the coupling time and makes the coupling easier when the connector is in an awkward position. Another advantage is the resistance to vibrations because of the three stainless steel wear pins located near the end of the bayonet track of the receptacle.

This series uses the same inserts as the MIL-C-5015 and the VG 95234 and is interchangeable with the latter.

Typical applications include road and rail transport, military vehicles, communication and radar apparatus, cinema and television lighting systems and industrial automation.

Specifications

	Size 8 Contacts	Size 12 Contacts	Size 16 Contacts
Current Rating at 20°C	73A	41A	22A
Contact Resistance Max.	1.0mR	3.0mR	6.0mR
Wire Size	8 to 10 AWG	12 to 14 AWG	16 to 22 AWG
Rating	I	A	D
Voltage Rating dc	250V	700V	1250V
Voltage Rating ac	200V	500V	900V
Test Voltage	1000V ac	2000V ac	2800V ac

Materials

Housing	Aluminum alloy with Cadmium free surface coating
Contacts	Copper alloy with silver plating
Insulator	High insulation synthetic rubber resistant to oils and high temperatures in accordance with MIL-R-3065
Operating Temperature	-55°C to 125°C
Insulation Resistance	≥ 5 x 10 ³ MR

Mfrs. List No.	Order Code	Rating	Mfrs. List No.	Order Code	Rating
CM13106A10SL-3PNO	990-5146	A	CM13102A22-14P	990-5413	A
CM13106A10SL-4PNO	990-5154	A	CM13102A28-21P	990-5448	A
CM13106A14S-6PNO	990-5162	I	CM13102A10SL-4S	990-5464	A
CM13106A16S-1PNO	990-5170	A	CM13102A10SL-3S	990-5456	A
CM13106A18-1PNO	990-5189	I	CM13102A14S-6S	990-5472	I
CM13106A20-A48PNO	990-5197	I	CM13102A16S-1S	990-5480	A
CM13106A22-2PNO	990-5200	D	CM13102A20-A9S	990-5499	I
CM13106A22-14PNO	990-5219	A	CM13102A20-A48S	990-5502	I
CM13106A22-22PNO	990-5227	A	CM13102A22-2S	483-6431	D
CM13106A24-2PNO	990-5235	D	CM13102A22-22S	990-5529	A
CM13106A10SL-4SNO	990-5251	A	CM13102A22-14S	990-5510	A
CM13106A10SL-3SNO	990-5243	A	CM13102A24-2S	990-5537	D
CM13106A14S-6SNO	990-5260	I	CM3106F10SL-4	990-5553	

Prices are in Thai Baht and exclude 7% VAT. Due to the volatile nature of certain products, prices are subject to change without notice.