

MS27510 and MS27511 Protective Plug and Receptacle Covers

CONNECTOR INTERFACE

MIL-DTL-38999, Series I

Basic Part Number

MS27510 = Plug Cover
MS27511 = Receptacle Cover

Attachment Option

A = No Attachment
C = Chain
N = Chain with Ring (MS27511 Only)
R = Rope (MS27510 Only)

Shell Size

MS27511

B

19

C

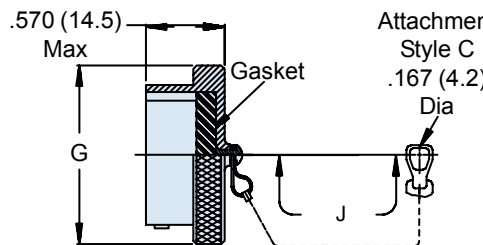
L

Finish

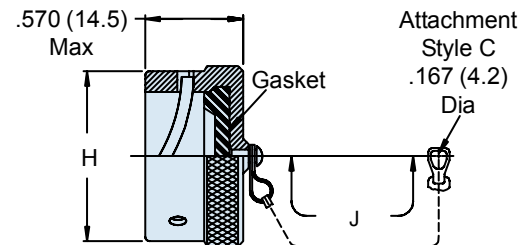
A = Gold Iridite over Cadmium over Nickel
B = 500 Hour Cadmium Olive Drab
C = Anodize
F = Electroless Nickel

Length (Inches)

L = 5.0 (127.0)
M = 6.0 (152.4) MS27510 Only
N = 7.0 (177.8) MS27510 Only
(Omit for Standard)



MS27510 Plug Cover



MS27511 Receptacle Cover

TABLE I: Shell Size, Attachment and Dimensions

Shell Size	G Dia Max	H Dia Max	J Attachment Length (Inches)	K Dia Min
8	.720 (18.3)	.630 (16.0)	3.000 (76.2)	.890 (22.6)
10	.850 (21.6)	.761 (19.3)	3.000 (76.2)	1.010 (25.7)
12	1.000 (25.4)	.936 (23.8)	3.000 (76.2)	1.140 (29.0)
14	1.130 (28.7)	1.074 (27.3)	3.500 (88.9)	1.260 (32.0)
16	1.250 (31.8)	1.172 (29.8)	3.500 (88.9)	1.390 (35.3)
18	1.380 (35.1)	1.304 (33.1)	3.500 (88.9)	1.510 (38.4)
20	1.500 (38.1)	1.435 (36.4)	4.000 (101.6)	1.640 (41.7)
22	1.630 (41.4)	1.560 (39.6)	4.000 (101.6)	1.760 (44.7)
24	1.750 (44.5)	1.688 (42.9)	4.000 (101.6)	1.890 (48.0)

APPLICATION NOTES

1. Assembly identified with manufacturer's name and part number, space permitting.
2. For complete dimensions, see the applicable Military Specification.
3. Metric dimensions (mm) are in parentheses.