

MS27510 and MS27511 Protective Plug and Receptacle Covers



MIL-DTL-38999

MATING CONNECTOR

MIL-DTL-38999, Series II

Basic Part Number

MS27510 = Plug Cover
MS27511 = Receptacle Cover

Attachment Option

A = No Attachment
C = Chain
N = Chain with Ring (MS27511 Only)
R = Rope (MS27511 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
T = Nickel Fluorocarbon Polymer
Z = Zinc 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)

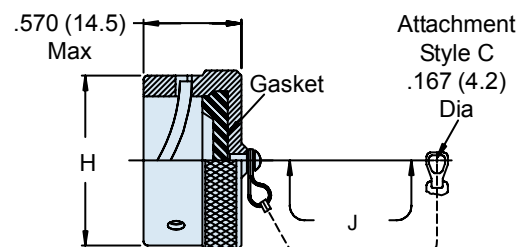
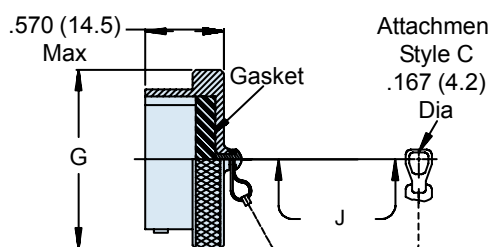
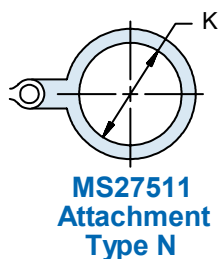


TABLE I: Shell Size, Attachment and Dimensions

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.

Dimensions in inches (millimeters) and are subject to change without notice.

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U.S. CAGE Code 06324

Printed in U.S.A.