

# MS27501 and MS27502 Protective Plug and Receptacle Covers



## CONNECTOR INTERFACE

MIL-DTL-38999, Series I

### Basic Part Number

MS27501 = Plug Cover  
MS27502 = Receptacle Cover

### Attachment Option

A = No Attachment  
C = Chain  
N = Chain with Ring (MS27502 Only)

MS27501

B

19

C

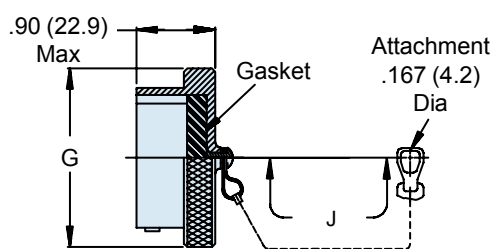
L

### Finish

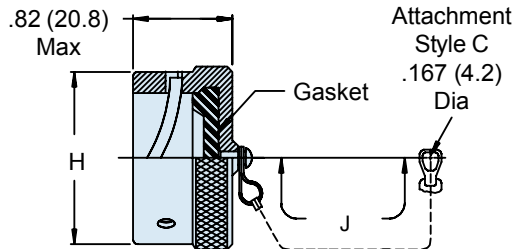
A = Gold Iridite over Cadmium over Nickel  
B = 500 Hour Cadmium Olive Drab  
C = Anodize  
F = Electroless Nickel

### Length (Inches)

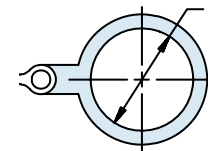
L = 5.0 (127.0)  
M = 6.0 (152.4) MS27501 Only  
N = 7.0 (177.8) MS27501 Only  
(Omit for Standard)



MS27501 Plug Cover



MS27502 Receptacle Cover



MS27502  
Attachment  
Type N

TABLE I: Shell Size, Attachment and Dimensions

| Shell Size | G Dia Max    | H Max        | J Attachment Length (Inches) | K Dia Min    |
|------------|--------------|--------------|------------------------------|--------------|
| 9          | .820 (20.8)  | .820 (20.8)  | 3.000 (76.2)                 | .700 (17.8)  |
| 11         | .940 (23.9)  | .940 (23.9)  | 3.000 (76.2)                 | .840 (21.3)  |
| 13         | 1.070 (27.2) | 1.100 (27.9) | 3.500 (88.9)                 | 1.010 (25.7) |
| 15         | 1.190 (30.2) | 1.220 (31.0) | 3.500 (88.9)                 | 1.140 (29.0) |
| 17         | 1.320 (33.5) | 1.340 (34.0) | 3.500 (88.9)                 | 1.260 (32.0) |
| 19         | 1.440 (36.6) | 1.460 (37.1) | 3.500 (88.9)                 | 1.390 (35.3) |
| 21         | 1.570 (39.9) | 1.580 (40.1) | 4.000 (101.6)                | 1.510 (38.4) |
| 23         | 1.690 (42.9) | 1.700 (43.2) | 4.000 (101.6)                | 1.640 (41.7) |
| 25         | 1.820 (46.2) | 1.830 (46.5) | 4.000 (101.6)                | 1.760 (44.7) |

## 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.