

# MS3180 and MS3181 Protective Plug and Receptacle Covers

## CONNECTOR INTERFACE

MIL-DTL-26482

### Prior Revision D Available:

Finish is  
Cadmium  
Olive Drab

Attachment Option (Omit for None)  
C = Chain  
N = Chain with Ring (MS3181 Only)

**MS3180 - 12 C**

Basic Part Number  
MS3180 = Plug Cover  
MS3181 = Receptacle Cover

Shell Size

## Attachment Option

C = Chain  
N = Chain with Ring (MS3181 Only)  
R = Wire Rope

## Length

L = Chain or Rope Length of 5  
Inches (127.0 mm). Omit for  
Standard (See K in Table I)

**MS3180 - 12 C A L**

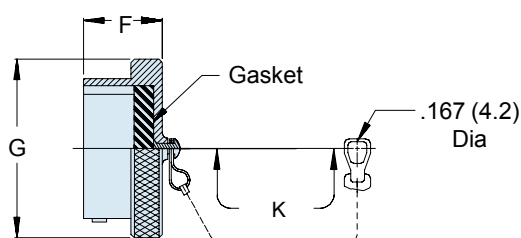
## Basic Part Number

MS3180 = Plug Cover  
MS3181 = Receptacle Cover

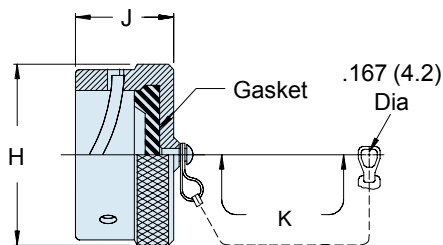
Shell Size  
(Table I)

## Finish

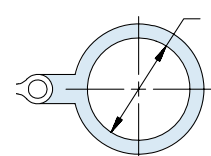
A = Anodize  
D = Electrodeposited Aluminum  
L = Electroless Nickel  
T = Nickel PTFE  
W = Cadmium Olive Drab  
Z = Zinc Nickel  
(Omit for Series I Cadmium)



**MS3180 Plug Cover**



**MS3181 Receptacle Cover**



**MS3181 Optional  
Ring Attachment**

**TABLE I: Shell Size, Dimensions and Attachment**

| Shell Size | F Max       | G Dia Max    | H Dia Max    | J Max       | K Standard Length (Inches) | L Min        |
|------------|-------------|--------------|--------------|-------------|----------------------------|--------------|
| 8          | .562 (14.3) | .719 (18.3)  | .734 (18.6)  | .562 (14.3) | 3.00 (76.2)                | .578 (14.7)  |
| 10         | .562 (14.3) | .844 (21.4)  | .859 (21.8)  | .562 (14.3) | 3.00 (76.2)                | .703 (17.9)  |
| 12         | .562 (14.3) | 1.000 (25.4) | 1.000 (25.4) | .562 (14.3) | 3.50 (88.9)                | .891 (22.6)  |
| 14         | .562 (14.3) | 1.125 (28.6) | 1.125 (28.6) | .562 (14.3) | 3.50 (88.9)                | 1.016 (25.8) |
| 16         | .562 (14.3) | 1.250 (31.8) | 1.250 (31.8) | .562 (14.3) | 3.50 (88.9)                | 1.141 (29.0) |
| 18         | .562 (14.3) | 1.375 (34.9) | 1.375 (34.9) | .562 (14.3) | 3.50 (88.9)                | 1.266 (32.2) |
| 20         | .625 (15.9) | 1.500 (38.1) | 1.500 (38.1) | .562 (14.3) | 4.00 (101.6)               | 1.391 (35.3) |
| 22         | .625 (15.9) | 1.625 (41.3) | 1.625 (41.3) | .562 (14.3) | 4.00 (101.6)               | 1.516 (38.5) |
| 24         | .658 (16.7) | 1.750 (44.5) | 1.750 (44.5) | .602 (15.3) | 4.00 (101.6)               | 1.641 (41.7) |

## 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.