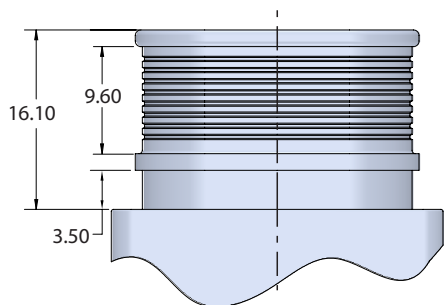
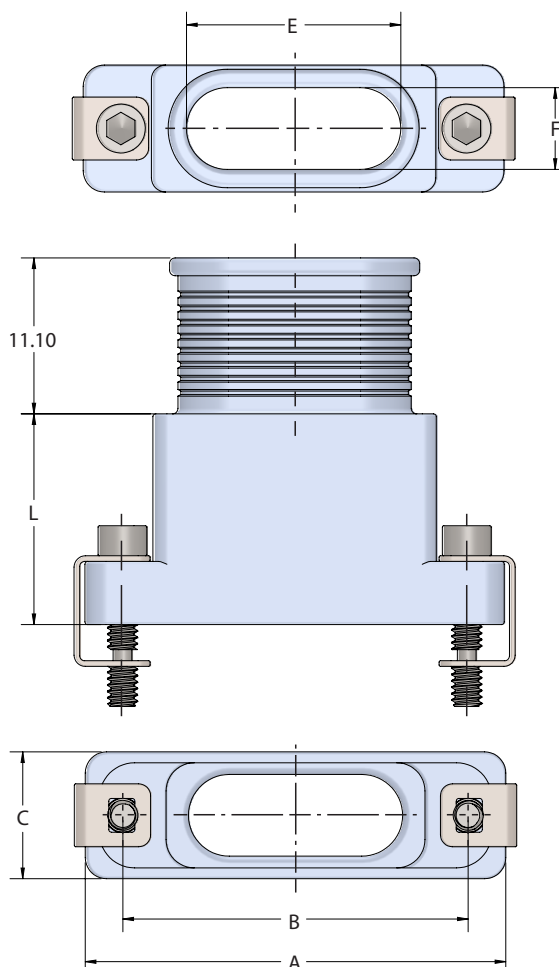
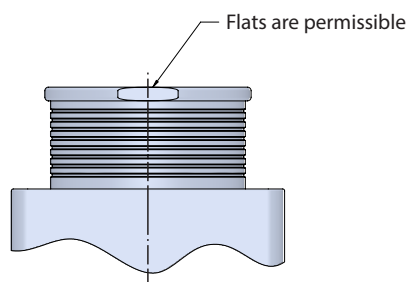


# SERIES 46 - EMI/RFI ADAPTER

Solid Backshell, Elliptical Entry  
MIL-DTL-83513 Style



SG - Shrink Boot Groove Option



**CP RM 46 1 N - W E - 15 04 -15 -NH -SG**

Compaero Identifier

Interface Code

RM - MIL-DTL-83513 Style

Series

46 - Band Lock

Angle Code

1 - Straight

Backshell Style

N - One Piece, Solid

Material & Finish

F - Electroless Nickel, Aluminium  
W - Cadmium Olive Drab, Aluminium  
K - Stainless steel, Passivate  
See Page 4 for additional options

Shrink Boot Groove Option

Omit for no shrink boot groove

Hardware Options

See Table 3 for options

Length

Dimension L  
(1 mm increments from minimum length).  
Standard length = 15 mm.  
Minimum length listed in Table 1 (Dim L)  
e.g. - "15" would replace minimum length in  
Table 1 (Dim L) with 15 mm

Entry Size

See Table 2

Shell Size

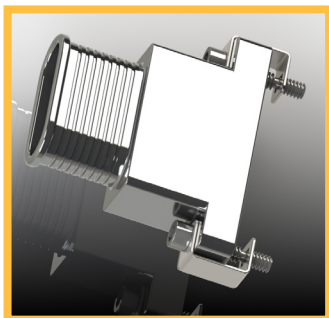
See Table 1

Entry Style

E - Elliptical Entry

# SERIES 46 - EMI/RFI ADAPTER

Solid Backshell, Elliptical Entry, Straight  
MIL-DTL-83513 Style



**Table 1** Shell Size

| SHELL SIZE | A     | B     | C    | MAX ENTRY | L MIN |
|------------|-------|-------|------|-----------|-------|
| 09         | 19.68 | 14.35 | 9.0  | 04        | 13    |
| 15         | 23.50 | 18.16 | 9.0  | 05        | 13    |
| 21         | 27.30 | 21.97 | 9.0  | 06        | 13    |
| 25         | 29.84 | 24.51 | 9.0  | 07        | 13    |
| 31         | 33.66 | 28.32 | 9.0  | 07        | 13    |
| 37         | 37.46 | 32.13 | 9.0  | 08        | 13    |
| 51         | 36.20 | 30.86 | 10.0 | 08        | 13    |
| 100        | 54.86 | 45.72 | 11.0 | 11        | 15    |

**Table 2** Entry Size

| ENTRY SIZE | E    | F   |
|------------|------|-----|
| 04         | 7.0  | 5.8 |
| 05         | 10.8 | 5.8 |
| 06         | 15.2 | 5.8 |
| 07         | 17.9 | 6.5 |
| 08         | 22.8 | 6.8 |
| 09         | 26.0 | 7.4 |
| 11         | 35.8 | 8.4 |

**Table 3** Hardware Options

| ORDERING CODE | DESCRIPTION                     |
|---------------|---------------------------------|
| MSL           | Slotted Head Screw (2)          |
| MSK           | Socket Head Screw (2)           |
| MEL           | Extended Slotted Head Screw (2) |
| MEK           | Extended Socket Head Screw (2)  |
| NH            | No Hardware                     |

**Tolerance**  
Linear  $\pm 0.25$  mm  
Angular  $\pm 1^\circ$