

**507-059**  
**EMI/RFI TAG Ring® Backshell**  
 for MIL-DTL-81659 Connectors



MIL-DTL-81659

**507-059 NF 06 G L**

Basic Part No. \_\_\_\_\_

Finish \_\_\_\_\_

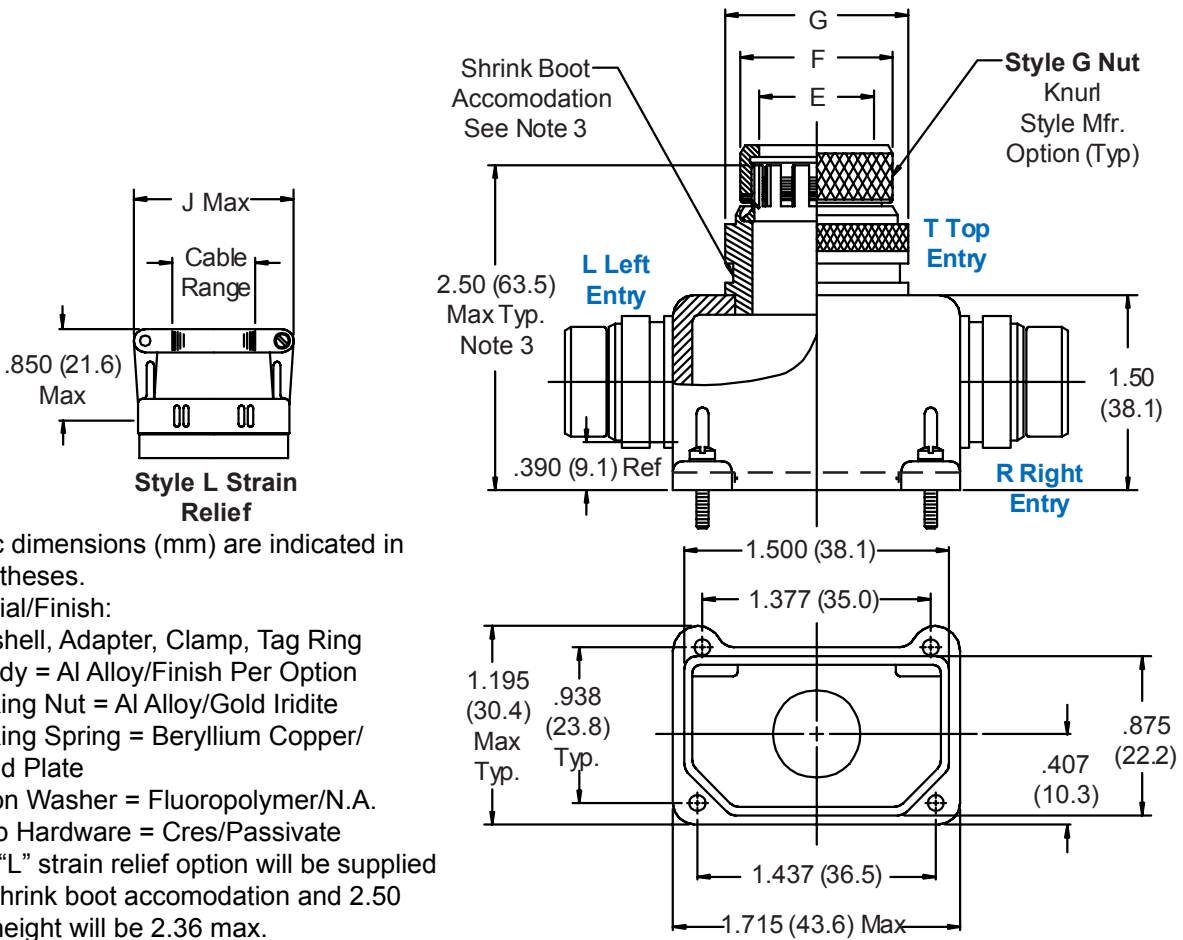
B = Cadmium Plate/Olive Drab  
 M = Electroless Nickel  
 N = Cadmium Plate/Olive Drab over Nickel Plate  
 NF = Cadmium Olive Drab over Electroless Nickel (1000 Hour Salt Spray)

Entry Location  
 L = Left Side Entry  
 R = Right Side Entry  
 Omit for Top Entry

L = Strain Relief  
 G = Gland Nut

Dash No. (Table I)

G = Gland Nut  
 Dash No. (Table I)



1. Metric dimensions (mm) are indicated in parentheses.
2. Material/Finish:  
 Backshell, Adapter, Clamp, Tag Ring Body = Al Alloy/Finish Per Option  
 Tag Ring Nut = Al Alloy/Gold Iridite  
 Tag Ring Spring = Beryllium Copper/Gold Plate  
 Friction Washer = Fluoropolymer/N.A.  
 Clamp Hardware = Cres/Passivate
3. Style "L" strain relief option will be supplied less shrink boot accomodation and 2.50 max height will be 2.36 max.

**TABLE I: CABLE ENTRY**

Dash No	E Entry	F Dia Max	G Dia Max	J Max	Cable Range	
					Min	Max
02	.25 (6.4)	.55 (14.0)	.69 (17.5)	.97 (24.6)	.125 (3.2)	.250 (6.4)
03	.37 (9.4)	.67 (17.0)	.79 (20.1)	1.05 (26.7)	.250 (6.4)	.375 (9.5)
04	.50 (12.7)	.80 (20.3)	.92 (23.4)	1.16 (29.5)	.250 (6.4)	.500 (12.7)
05	.62 (15.7)	.92 (23.4)	1.04 (26.4)	1.22 (31.0)	.375 (9.5)	.625 (15.9)
06	.75 (19.1)	1.05 (26.7)	1.17 (29.7)	1.34 (34.0)	.500 (12.7)	.750 (19.1)