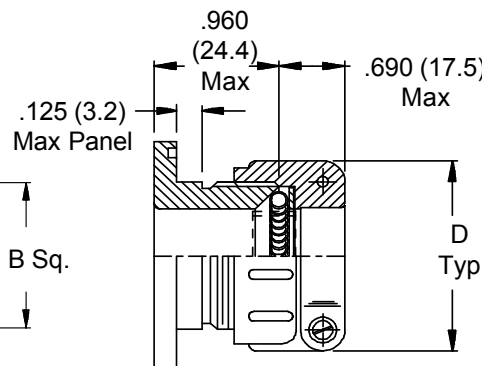
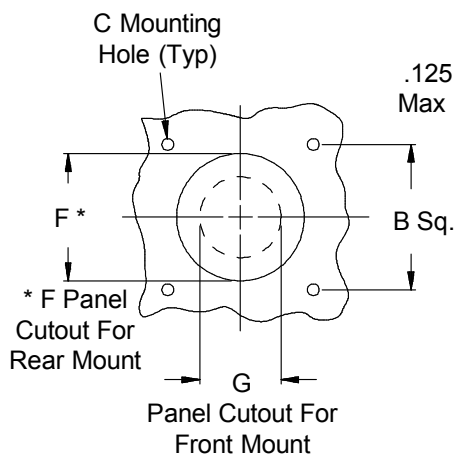


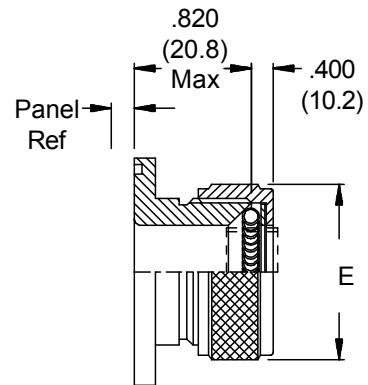
# 630-005 EMI/RFI Environmental G-Spring Bulkhead Fitting with Strain Relief Front and Rear Panel Mount - Straight

## "G"-Spring EMI/RFI Shield Termination

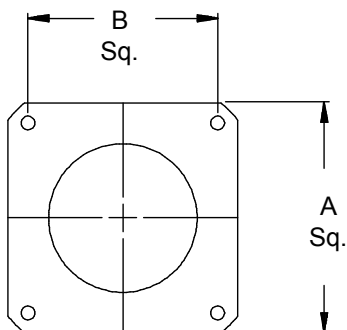
**630** Product Series  
**A** Fitting Type  
     A = Rear Mount  
     B = Front Mount  
**005** Basic Part No.  
**NF** Finish (Table II)  
**16** Cable Entry (Table III)  
**2** Fitting Style  
     1 = RFI/EMI Only  
     2 = RFI/EMI Environmental  
**G** Strain Relief Style (G, F)



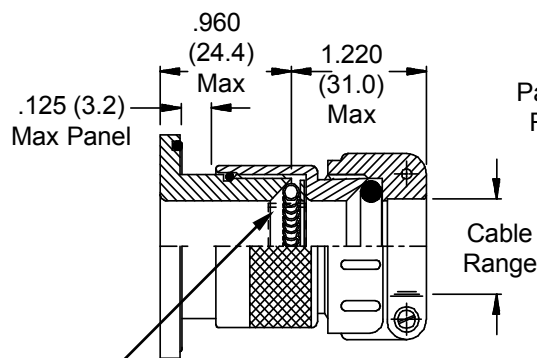
**Style 1  
RFI/EMI  
Rear Mount Type A  
(Shown With Style F  
Strain Relief)**



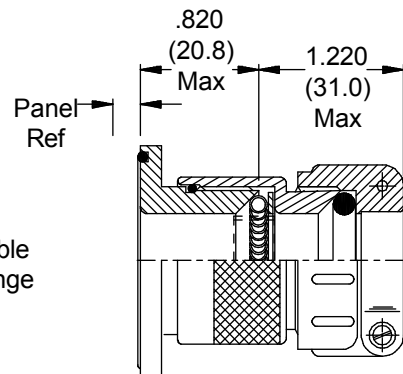
**Style 1  
RFI/EMI  
Front Mount Type B  
(Shown With Style G  
Gland Nut)**



469-001-XX Shield Support Ring (order separately) is recommended for use in all G-Spring Bulkhead Fittings (see page 460-3)



**Style 2  
RFI/EMI Environmental  
Rear Mount Type A  
(Shown With Style F  
Strain Relief)**



**Style 2  
RFI/EMI Environmental  
Front Mount Type B  
(Shown With Style F  
Strain Relief)**

**630-005**  
**EMI/RFI Environmental G-Spring Bulkhead Fitting**  
 with Strain Relief  
 Front and Rear Panel Mount - Straight



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See inside back cover fold-out or page 14 for Table II.

| TABLE III: CABLE ENTRY |              |              |              |              |            |            |               |                  |
|------------------------|--------------|--------------|--------------|--------------|------------|------------|---------------|------------------|
| Dash No.               | Cable Range  |              | A Max        | B Dim        | C          |            | +0.015<br>- 0 | (+0.4)<br>(-0.0) |
|                        | Min          | Max          |              |              |            |            |               |                  |
| 01                     | .156 (4.0)   | .250 (6.4)   | .885 (22.5)  | .593 (15.1)  | .120 (3.0) | .120 (3.0) |               |                  |
| 02                     | .188 (4.8)   | .375 (9.5)   | 1.104 (28.0) | .812 (20.6)  | .120 (3.0) | .120 (3.0) |               |                  |
| 03                     | .250 (6.4)   | .438 (11.1)  | 1.197 (30.4) | .906 (23.0)  | .120 (3.0) | .120 (3.0) |               |                  |
| 04                     | .280 (7.1)   | .500 (12.7)  | 1.291 (32.8) | .968 (24.6)  | .120 (3.0) | .120 (3.0) |               |                  |
| 05                     | .375 (9.5)   | .625 (15.9)  | 1.385 (35.2) | 1.062 (27.0) | .120 (3.0) | .120 (3.0) |               |                  |
| 06                     | .500 (12.7)  | .750 (19.1)  | 1.635 (41.5) | 1.250 (31.8) | .120 (3.0) | .120 (3.0) |               |                  |
| 07                     | .625 (15.9)  | .875 (22.2)  | 1.760 (44.7) | 1.375 (34.9) | .147 (3.7) | .147 (3.7) |               |                  |
| 08                     | .750 (19.1)  | 1.000 (25.4) | 2.010 (51.1) | 1.562 (39.7) | .147 (3.7) | .147 (3.7) |               |                  |
| 09                     | .875 (22.2)  | 1.125 (28.6) | 2.260 (57.4) | 1.750 (44.5) | .173 (4.4) | .173 (4.4) |               |                  |
| 10                     | 1.000 (25.4) | 1.250 (31.8) | 2.510 (63.8) | 1.938 (49.2) | .173 (4.4) | .173 (4.4) |               |                  |
| 11                     | 1.125 (28.6) | 1.375 (34.9) | 2.760 (70.1) | 2.125 (54.0) | .173 (4.4) | .173 (4.4) |               |                  |

| TABLE III (Continued) |              |              |               |                  |               |                  |
|-----------------------|--------------|--------------|---------------|------------------|---------------|------------------|
| Dash No.              | D Max        | E Max        | F             |                  | G             |                  |
|                       |              |              | +0.015<br>- 0 | (+0.4)<br>(-0.0) | +0.031<br>- 0 | (+0.8)<br>(-0.0) |
| 01                    | .843 (21.4)  | .625 (15.9)  | .515 (13.1)   | .250 (6.4)       | .250 (6.4)    | .250 (6.4)       |
| 02                    | .968 (24.6)  | .750 (19.1)  | .640 (16.3)   | .375 (9.5)       | .375 (9.5)    | .375 (9.5)       |
| 03                    | 1.046 (26.6) | .875 (22.2)  | .765 (19.4)   | .438 (11.1)      | .438 (11.1)   | .438 (11.1)      |
| 04                    | 1.156 (29.4) | 1.000 (25.4) | .890 (22.6)   | .500 (12.7)      | .500 (12.7)   | .500 (12.7)      |
| 05                    | 1.218 (30.9) | 1.125 (28.6) | 1.015 (25.8)  | .625 (15.9)      | .625 (15.9)   | .625 (15.9)      |
| 06                    | 1.343 (34.1) | 1.250 (31.8) | 1.140 (29.0)  | .750 (19.1)      | .750 (19.1)   | .750 (19.1)      |
| 07                    | 1.468 (37.3) | 1.375 (34.9) | 1.265 (32.1)  | .875 (22.2)      | .875 (22.2)   | .875 (22.2)      |
| 08                    | 1.593 (40.5) | 1.500 (38.1) | 1.390 (35.3)  | 1.000 (25.4)     | 1.000 (25.4)  | 1.000 (25.4)     |
| 09                    | 1.718 (43.6) | 1.625 (41.3) | 1.515 (38.5)  | 1.125 (28.6)     | 1.125 (28.6)  | 1.125 (28.6)     |
| 10                    | 1.843 (46.8) | 1.750 (44.5) | 1.640 (41.7)  | 1.250 (31.8)     | 1.250 (31.8)  | 1.250 (31.8)     |
| 11                    | 2.187 (55.5) | 1.875 (47.6) | 1.765 (44.8)  | 1.375 (34.9)     | 1.375 (34.9)  | 1.375 (34.9)     |

1. Metric dimensions (mm) are indicated in parentheses.
2. Cable range is defined as the accommodations range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
3. For proper termination, it is recommended that Glenair 469-001 Shield Support Ring (page 460-3) must be used on all assemblies. Place ring over wire and under shield; position under G-Spring.