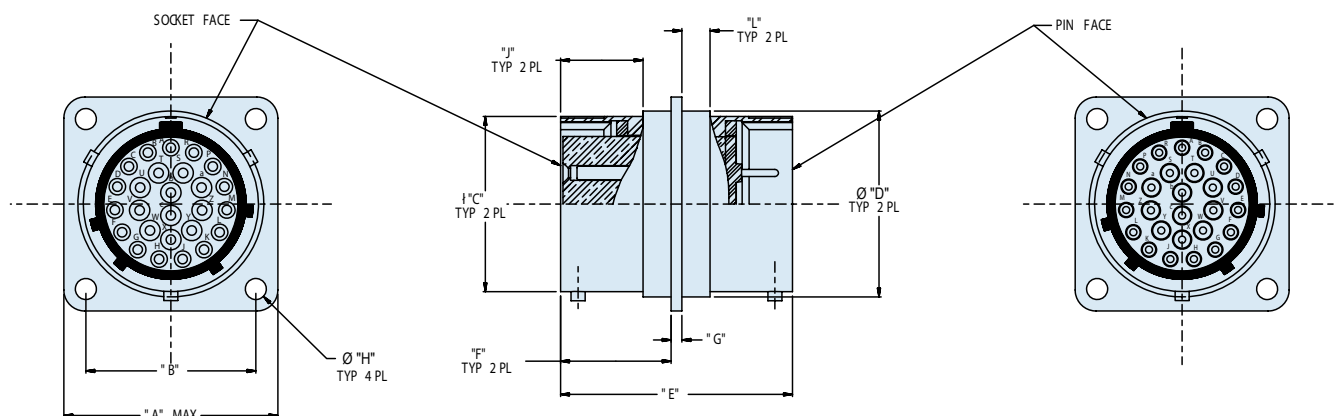
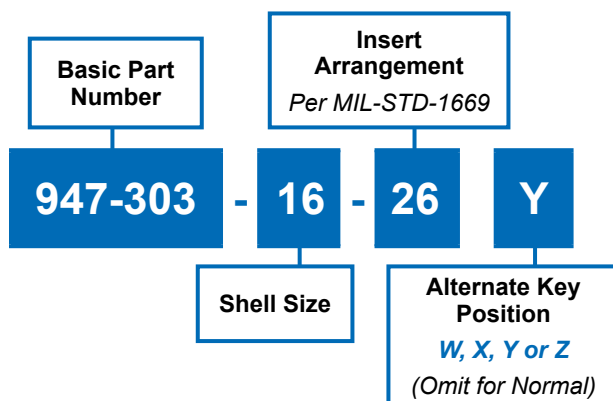


# 947-303 Narrow Flange Mount Bulkhead Feed-Thru MS3440 Type

D



## APPLICATION NOTES

- To be identified with manufacturer's name, part number and date code, space permitting.
- Material/Finish:  
Shell: 300 CRES / passivate  
Titanium and Inconel® available. Consult factory.  
Contacts, Pin - Nickel alloy / gold plate  
Contacts, Socket - Copper alloy / gold plate  
Hoods, Sockets - 300 series CRES / passivate  
Bayonets - 300 series CRES / passivate  
Insulator - full glass / N.A.  
Insulator, Socket - high grade dielectric / N.A.  
Seals - Silicone elastomer / N.A.
- Glenair 947-303 will meet all performance requirements of MIL-DTL-26482
- Consult factory and/or MIL-STD-1669 for arrangement and insert position options.
- Glenair 947-303 will mate with any QPL manufacturer's MIL-DTL-26482 Series I or II plug with same shell size, arrangement and polarization, having opposite contact gender
- Glenair 947-303 is symmetrical on both sides of flange. There is no need to specify pin or sockets on one end.
- Metric Dimensions (mm) are indicated in parentheses.

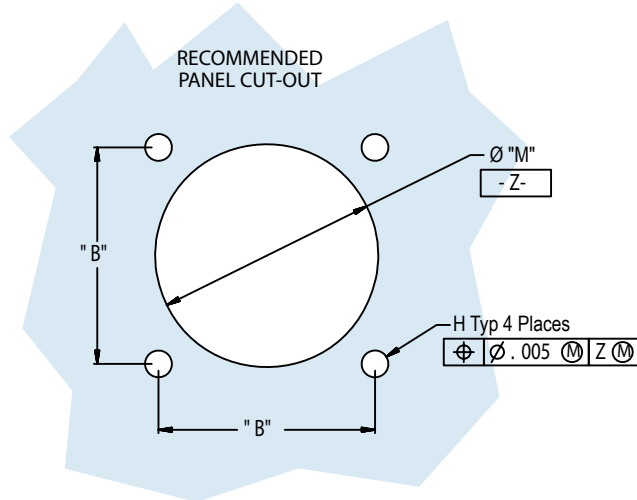
**947-303**  
**Narrow Flange Mount Bulkhead Feed-Thru**  
**MS3440 Type**



MIL-DTL-26482  
Type

**TABLE I: CONNECTOR AND CUT-OUT DIMENSIONS (Continued Below)**

| Shell Size | A            | B            | C Dia                        | D Dia<br>± .010 | E Max        | F                          | G                        | H          |
|------------|--------------|--------------|------------------------------|-----------------|--------------|----------------------------|--------------------------|------------|
| 8          | .828 (21.03) | .594 (15.1)  | .474 (12.0)<br>.468 (11.9)   | .533 (13.5)     | 1.362 (34.6) | .692 (17.6)<br>.672 (17.1) | .078 (2.0)<br>.046 (1.2) | .120 (3.0) |
| 10         | .954 (24.2)  | .719 (18.3)  | .591 (15.0)<br>.585 (14.9)   | .650 (16.5)     | 1.362 (34.6) | .692 (17.6)<br>.672 (17.1) | .078 (2.0)<br>.046 (1.2) | .120 (3.0) |
| 12         | 1.047 (26.6) | .812 (20.6)  | .751 (19.1)<br>.745 (18.9)   | .810 (20.6)     | 1.362 (34.6) | .692 (17.6)<br>.672 (17.1) | .078 (2.0)<br>.046 (1.2) | .120 (3.0) |
| 14         | 1.141 (29.0) | .906 (23.0)  | .876 (22.3)<br>.870 (22.1)   | .935 (23.7)     | 1.362 (34.6) | .692 (17.6)<br>.672 (17.1) | .078 (2.0)<br>.046 (1.2) | .120 (3.0) |
| 16         | 1.234 (31.3) | .969 (24.6)  | 1.001 (25.4)<br>.995 (25.3)  | 1.060 (26.9)    | 1.362 (34.6) | .692 (17.6)<br>.672 (17.1) | .078 (2.0)<br>.046 (1.2) | .120 (3.0) |
| 18         | 1.328 (33.7) | 1.062 (27.0) | 1.126 (28.6)<br>1.120 (28.4) | 1.185 (30.1)    | 1.362 (34.6) | .692 (17.6)<br>.672 (17.1) | .078 (2.0)<br>.046 (1.2) | .120 (3.0) |
| 20         | 1.453 (36.9) | 1.156 (29.4) | 1.251 (31.8)<br>1.245 (31.6) | 1.310 (33.3)    | 1.506 (38.3) | .698 (17.7)<br>.678 (17.2) | .110 (2.8)<br>.078 (2.0) | .120 (3.0) |
| 22         | 1.578 (40.1) | 1.250 (31.8) | 1.376 (35.0)<br>1.371 (34.8) | 1.435 (36.4)    | 1.506 (38.3) | .698 (17.7)<br>.678 (17.2) | .110 (2.8)<br>.078 (2.0) | .120 (3.0) |
| 24         | 1.703 (43.3) | 1.375 (34.9) | 1.501 (38.1)<br>1.495 (38.0) | 1.560 (39.4)    | 1.506 (38.3) | .698 (17.7)<br>.678 (17.2) | .110 (2.8)<br>.078 (2.0) | .147 (3.7) |



| HERMETIC LEAK RATE MOD CODES |  |
|------------------------------|--|
| Designator                   | Required Leak Rate                         |
| -585A                        | 1 x 10 <sup>-10</sup> cc Helium per second |
| -585B                        | 1 x 10 <sup>-9</sup> cc Helium per second  |
| -585C                        | 1 x 10 <sup>-8</sup> cc Helium per second  |

| TABLE I (Continued) |             |            |                  |
|---------------------|-------------|------------|------------------|
| Shell Size          | J Minimum   | L          | M Dia.<br>± .005 |
| 8                   | .460 (11.7) | .212 (5.4) | .570 (14.5)      |
| 10                  | .460 (11.7) | .212 (5.4) | .680 (17.3)      |
| 12                  | .460 (11.7) | .212 (5.4) | .789 (20.0)      |
| 14                  | .460 (11.7) | .212 (5.4) | .914 (23.2)      |
| 16                  | .460 (11.7) | .212 (5.4) | 1.039 (26.4)     |
| 18                  | .460 (11.7) | .212 (5.4) | 1.164 (29.6)     |
| 20                  | .428 (10.9) | .250 (6.4) | 1.258 (32.0)     |
| 22                  | .428 (10.9) | .250 (6.4) | 1.383 (35.1)     |
| 24                  | .428 (10.9) | .250 (6.4) | 1.508 (38.3)     |