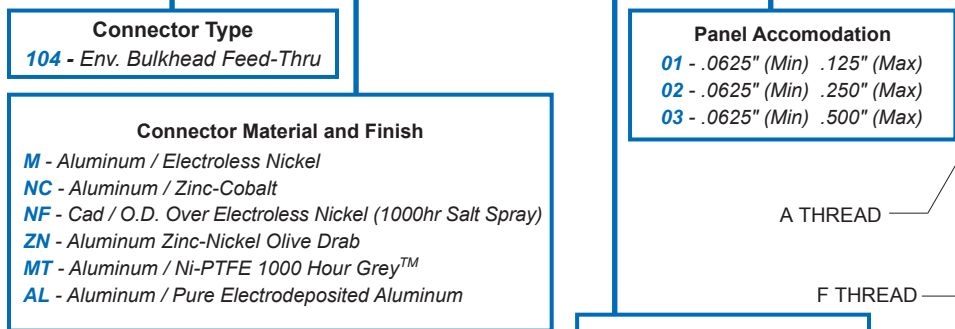
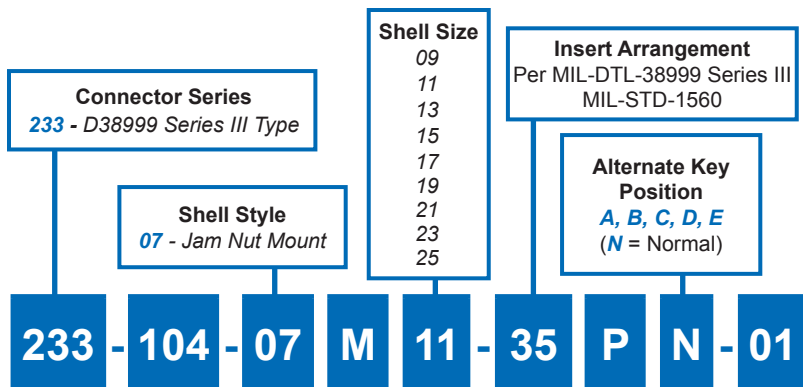
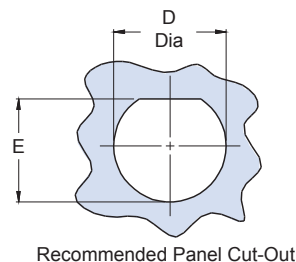
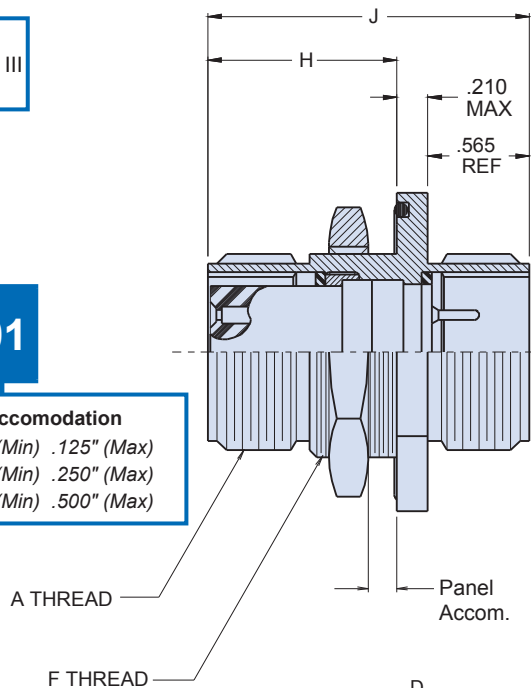
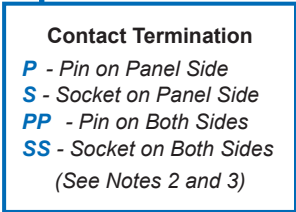




# 233-104-07 Jam Nut Mount Environmental Bulkhead Feed-Thru MIL-DTL-38999 Series III Type

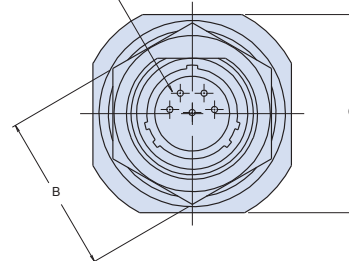


| TABLE II:<br>DASH NUMBERS |              |              |
|---------------------------|--------------|--------------|
| Dash No.                  | J Max        | H Max        |
| 01                        | 1.600 (40.6) | 0.900 (22.9) |
| 02                        | 1.730 (43.9) | 1.020 (25.9) |
| 03                        | 1.980 (50.3) | 1.270 (32.3) |



Recommended Panel Cut-Out

Insert Arrangements per  
MIL-DTL-38999 Series III  
MIL-STD-1560



| TABLE I: CONNECTOR DIMENSIONS |                             |              |              |              |                      |                      |
|-------------------------------|-----------------------------|--------------|--------------|--------------|----------------------|----------------------|
| SHELL SIZE                    | A THREAD<br>0.1 P-0.3L-TS-2 | B DIM        | C DIM<br>MAX | ØD<br>+.005  | E DIM<br>+.000/-.002 | F THREAD<br>CLASS 2A |
| 9                             | .6250                       | .875 (22.2)  | 1.090 (27.7) | .698 (17.7)  | .656 (16.7)          | 11/16-24 UNEF        |
| 11                            | .7500                       | 1.000 (25.4) | 1.280 (32.5) | .830 (21.1)  | .770 (19.6)          | 13/16-20 UNEF        |
| 13                            | .8750                       | 1.250 (31.8) | 1.400 (35.6) | 1.015 (25.8) | .954 (24.2)          | 1-20 UNEF            |
| 15                            | 1.0000                      | 1.375 (34.9) | 1.530 (38.9) | 1.140 (29.0) | 1.084 (27.5)         | 1 1/8-18 UNEF        |
| 17                            | 1.1875                      | 1.500 (38.1) | 1.660 (42.2) | 1.265 (32.1) | 1.207 (30.7)         | 1 1/4-18 UNEF        |
| 19                            | 1.2500                      | 1.625 (41.3) | 1.840 (46.7) | 1.390 (35.3) | 1.334 (33.9)         | 1 3/8-18 UNEF        |
| 21                            | 1.3750                      | 1.750 (44.5) | 1.970 (50.5) | 1.515 (38.5) | 1.459 (40.4)         | 1 1/2-18 UNEF        |
| 23                            | 1.5000                      | 1.875 (47.6) | 2.090 (53.1) | 1.640 (41.7) | 1.584 (40.2)         | 1 5/8-18 UNEF        |
| 25                            | 1.6250                      | 2.000 (50.8) | 2.210 (56.1) | 1.765 (44.8) | 1.709 (43.4)         | 1 3/4-18 UNS         |

## APPLICATION NOTES

- Assembly identified with manufacturer's name and P/N, space permitting.
- For pin/pin and skt/skt, symmetrical layout only. Consult factory for available insert arrangements.
- Power to a given contact on one end will result in power to contact directly opposite, regardless of identification letter.
- Electrical safety limits must be established by user. Peak voltage, switching surge, transient, etc., should be used to determine the safety application.
- Material/finish:  
Shell, lock ring—Al alloy, see Table II  
Contacts—Copper alloy/gold plate  
Insulators—High grade rigid dielectric/N.A.  
Seals—Silicone/N.A.
- Metric Dimensions (mm) are indicated in parentheses.

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