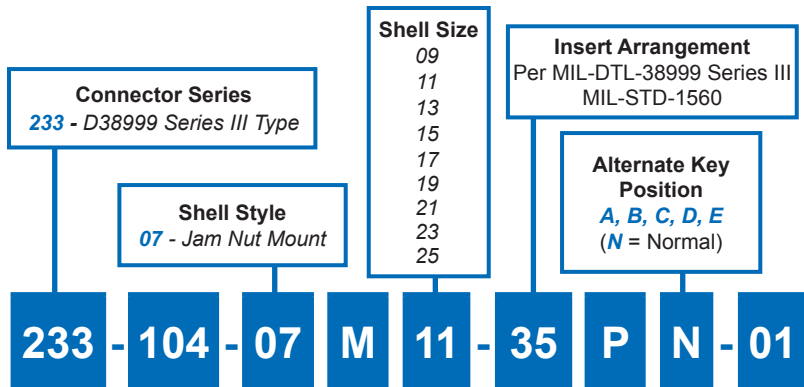




233-104-07 Jam Nut Mount Environmental Bulkhead Feed-Thru MIL-DTL-38999 Series III Type



Connector Type
104 - Env. Bulkhead Feed-Thru

Connector Material and Finish

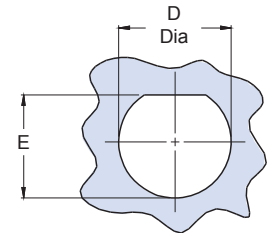
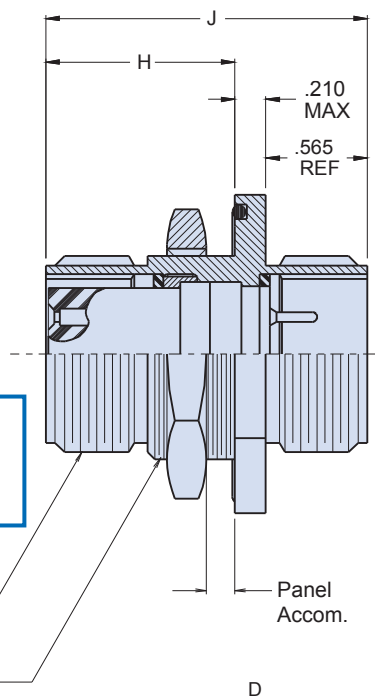
M - Aluminum / Electroless Nickel
 NC - Aluminum / Zinc-Cobalt
 NF - Cad / O.D. Over Electroless Nickel (1000hr Salt Spray)
 ZN - Aluminum Zinc-Nickel Olive Drab
 MT - Aluminum / Ni-PTFE 1000 Hour Grey™
 AL - Aluminum / Pure Electrodeposited Aluminum

Panel Accomodation

01 - .0625" (Min) .125" (Max)
 02 - .0625" (Min) .250" (Max)
 03 - .0625" (Min) .500" (Max)

Contact Termination

P - Pin on Panel Side
 S - Socket on Panel Side
 PP - Pin on Both Sides
 SS - Socket on Both Sides
 (See Notes 2 and 3)



Recommended Panel Cut-Out

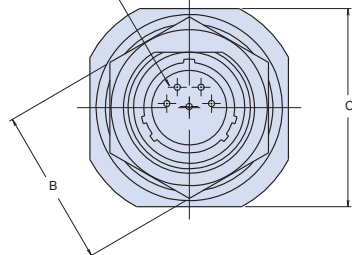
TABLE II: DASH NUMBERS

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)

TABLE I: CONNECTOR DIMENSIONS

SHELL SIZE	A THREAD 0.1 P-0.3L-TS-2	B DIM	C DIM MAX	ØD +.005	E DIM +.000/-.002	F THREAD CLASS 2A
9	.6875	.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

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



- 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.