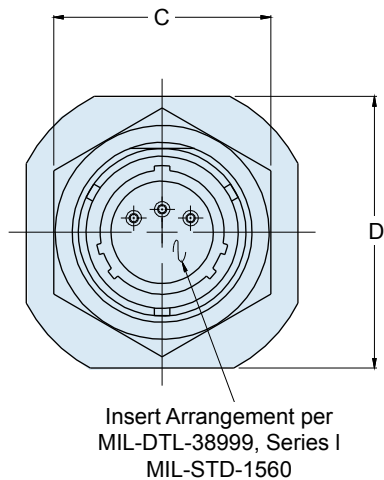
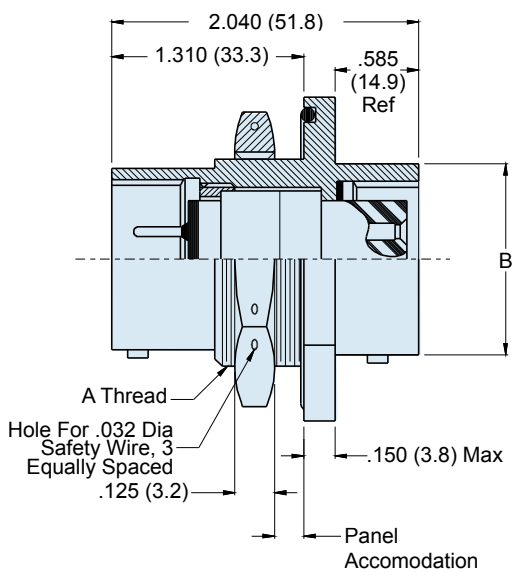
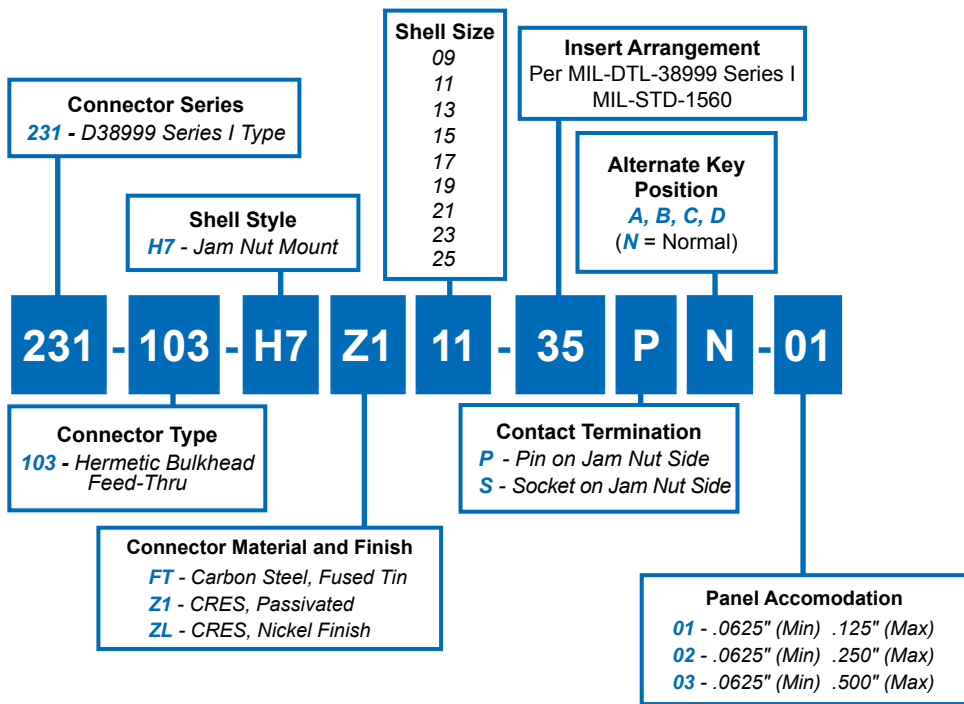


B



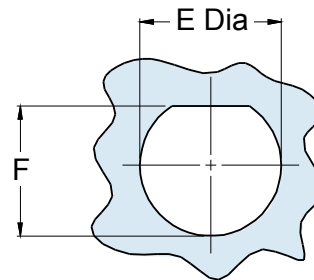
231-103-H7
Jam Nut Mount Hermetic Bulkhead Feed-Thru
MIL-DTL-38999 Series I Type



MIL-DTL
38999 Type

B

HERMETIC LEAK RATE MOD CODES	
Designator	Required Leak Rate
-585A	1 x 10 ⁻¹⁰ cc's Helium per second
-585B	1 x 10 ⁻⁹ cc's Helium per second
-585C	1 x 10 ⁻⁸ cc's Helium per second



Recommended Panel Cut-Out

TABLE I: CONNECTOR DIMENSIONS						
SHELL SIZE	A THREAD CLASS 2A	B DIA MAX	C HEX	D FLATS	E DIA ±.005 (0.1)	F +.000 -.005 (0-0.1)
09	.688-24 UNEF	.573(14.6)	.875(22.2)	1.062(27.0)	.693 (17.60)	.657 (16.70)
11	0.812-20 UNEF	.701(17.8)	1.000(25.4)	1.250(31.8)	.825 (20.96)	.771 (19.59)
13	1.000-20 UNEF	.851(21.6)	1.188(30.2)	1.375(34.9)	1.010 (25.65)	.955 (24.26)
15	1.125-18 UNEF	.976(24.8)	1.312(33.3)	1.500(38.1)	1.135 (28.83)	1.085 (27.56)
17	1.250-18 UNEF	1.101(28.0)	1.438(36.5)	1.625(41.3)	1.260 (32.01)	1.210 (30.73)
19	1.375-18 UNEF	1.208(30.7)	1.562(39.7)	1.812(46.0)	1.385 (35.18)	1.335 (33.91)
21	1.500-18 UNEF	1.333(33.9)	1.688(42.9)	1.938(49.2)	1.510 (38.35)	1.460 (37.08)
23	1.625-18 UNEF	1.458(37.0)	1.812(46.0)	2.062(52.4)	1.635 (41.53)	1.585 (40.26)
25	1.750-18 UNS	1.583(40.2)	2.000(50.8)	2.188(55.6)	1.760 (44.70)	1.710 (43.43)

APPLICATION NOTES

- Power to a given contact on one end will result in power to contact directly opposite, regardless of identification letter.
- Hermeticity = less than 1 x 10⁻⁷ cc/sec at one atmosphere. Not for use in liquid atmosphere.
- Material/finish:
Shell, nut – CRES/passivated, carbon steel/fused tin or CRES/nickel per QQ-N-290.
- Contacts – Gold Plated. Pin: alloy 52; Skt.: copper alloy
Insulator – fused vitreous glass/N.A.
Seals – fluorosilicone rubber/N.A.