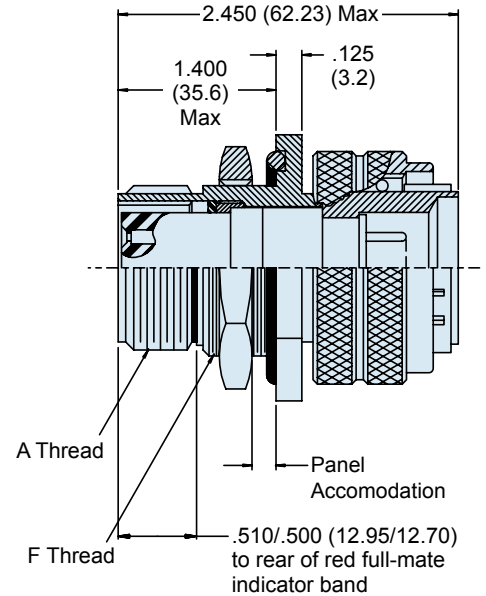
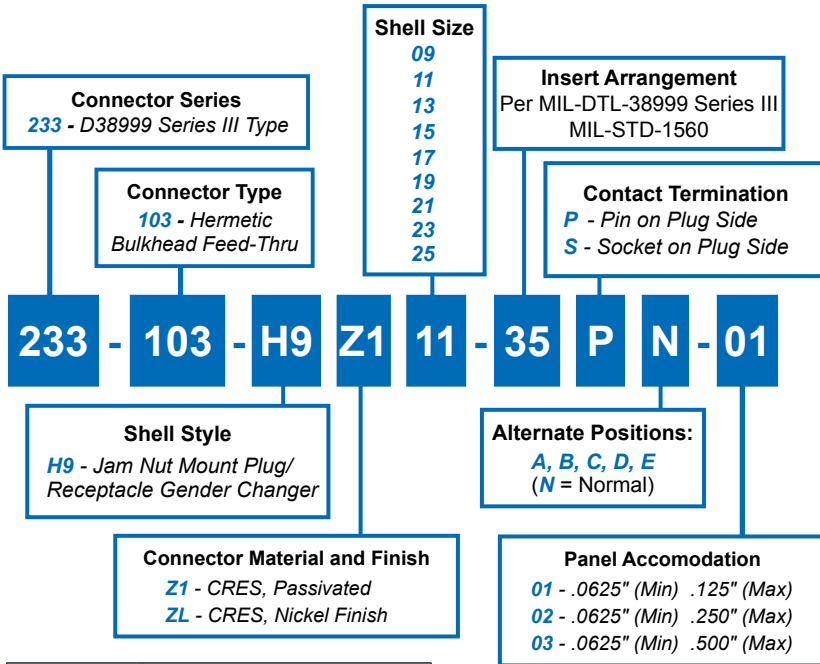


233-103-H9
Jam Nut Mount Hermetic
Plug/Receptacle Bulkhead Feed-Thru
for MIL-DTL-38999 Series III Type



HERMETIC LEAK RATE MOD CODES

Designator	Required Leak Rate
-585A	1 x 10 ⁻¹⁰ cc Helium per second
-585B	1 x 10 ⁻⁹ cc Helium per second
-585C	1 x 10 ⁻⁸ cc Helium per second

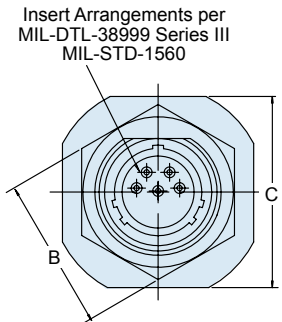
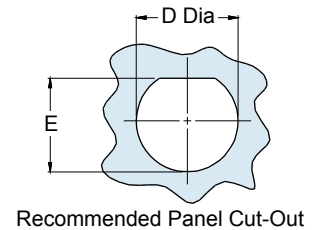


TABLE I: CONNECTOR DIMENSIONS

SHELL SIZE	A THREAD 0.1 P-0.3L-TS-2	B DIM MAX	C DIM MAX	D DIA ±.005 (.13)	E DIA	F THREAD x1-6g-0.100R
9	.6250	.945(24.0)	1.090(27.7)	.693 (17.60)	.661(16.79)/.655(16.64)	M17
11	.7500	1.063(27.0)	1.280(32.5)	.825 (20.96)	.771(19.58)/.761(19.33)	M20
13	.8750	1.260(32.0)	1.400(35.6)	1.010 (25.65)	.955(24.26)/.945(24.0)	M25
15	1.0000	1.417(36.0)	1.530(38.9)	1.135 (28.83)	1.085(27.56)/1.075(27.30)	M28
17	1.1875	1.457(37.0)	1.660(42.2)	1.260 (32.01)	1.210(30.73)/1.200(30.48)	M32
19	1.2500	1.614(41.0)	1.840(46.7)	1.385 (35.18)	1.335(33.91)/1.325(33.65)	M35
21	1.3750	1.811(46.0)	1.970(50.5)	1.510 (38.35)	1.460(37.08)/1.450(36.83)	M38
23	1.5000	1.968(50.0)	2.090(53.1)	1.635 (41.53)	1.585(40.26)/1.575(40.00)	M41
25	1.6250	2.017(51.2)	2.210(56.1)	1.760 (44.70)	1.710(43.43)/1.700(43.18)	M44



APPLICATION NOTES

1. Power to a given contact on one end will result in power to contact directly opposite, regardless of identification letter.	QQ-N-290. Contacts – Gold Plated. Pin: alloy 52; Skt.: copper alloy
2. Hermeticity is less than 1 x 10 ⁻⁷ cc/sec at one atmosphere. Not for use in liquid atmosphere.	Insulator – fused vitreous glass/N.A. Seals – fluorosilicone rubber/N.A.
3. Material/finish: Shell, nut – CRES/passivated, carbon steel/fused tin or CRES/nickel per	4. Metric dimensions (mm) are indicated in parentheses.

Dimensions in Inches (millimeters) are subject to change without notice.