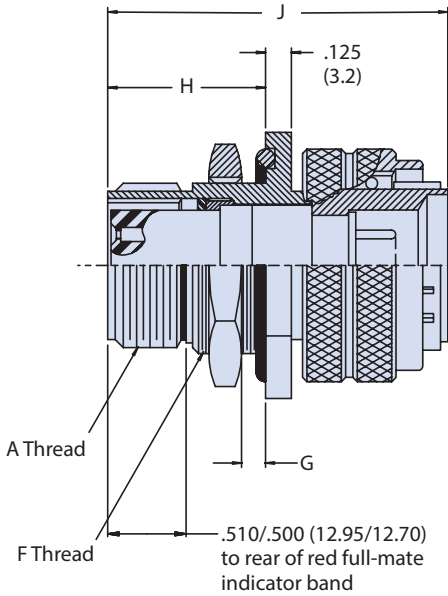


HERMETIC CONNECTORS MIL-DTL-38999 Series III Type



233-103-H9 Jam-Nut Mount Plug/Receptacle Gender Changer

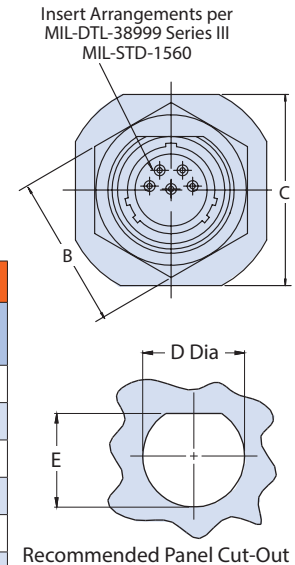


HOW TO ORDER								
Sample Part Number	233-103	-H9	Z1	11	-35	P	N	-01
Basic Part Number	233-103 = Jam-Nut Mount Bulkhead Feed-Thru							
Shell Style	-H9 = Jam-Nut Mount Plug/Receptacle Gender Changer							
Material / Finish	ZL = CRES, Nickel Z1 = CRES, Passivated							
Shell Size	09, 11, 13, 15, 17, 19, 21, 23, 25							
Insert Arrangement	Per MIL-STD-1560							
Contact Termination	P = Pin on Plug End S = Socket on Plug End							
Alternate Key Position	A, B, C, D, E , (N = Normal)							
Panel Accomodation	See Table II Consult factory for additional options.							

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 II: PANEL ACCOMODATION				
Sym	G		H	J
	Min	Max		
-01	.0625 (1.59)	.125 (3.18)	.890 (22.61)	2.000 (50.80)
-02	.0625 (1.59)	.250 (6.35)	1.150 (29.21)	2.225 (56.52)
-03	.0625 (1.59)	.500 (12.70)	1.400 (35.56)	2.450 (62.23)

TABLE I: CONNECTOR DIMENSIONS						
SHELL SIZE	A THREAD 0.1 P-0.3L-TS-2	B DIM MAX	C DIM MAX	D DIA	E DIA	F THREAD x1-6g-0.100R
9	.6250	.945(24.0)	1.090(27.7)	.703 (17.86)/.693 (17.60)	.661(16.79)/.655(16.64)	M17
11	.7500	1.063(27.0)	1.280(32.5)	.835 (21.21)/.825 (20.96)	.771(19.58)/.761(19.33)	M20
13	.8750	1.260(32.0)	1.400(35.6)	1.020 (25.91)/1.010 (25.65)	.955(24.26)/.945(24.0)	M25
15	1.0000	1.417(36.0)	1.530(38.9)	1.145 (29.08)/1.135 (28.83)	1.085(27.56)/1.075(27.30)	M28
17	1.1875	1.457(37.0)	1.660(42.2)	1.270 (32.26)/1.260 (32.00)	1.210(30.73)/1.200(30.48)	M32
19	1.2500	1.614(41.0)	1.840(46.7)	1.395 (35.43)/1.385 (35.18)	1.335(33.91)/1.325(33.65)	M35
21	1.3750	1.811(46.0)	1.970(50.5)	1.520 (38.61)/1.510 (38.35)	1.460(37.08)/1.450(36.83)	M38
23	1.5000	1.968(50.0)	2.090(53.1)	1.645 (41.78)/1.635 (41.53)	1.585(40.26)/1.575(40.00)	M41
25	1.6250	2.017(51.2)	2.210(56.1)	1.770 (44.96)/1.760 (44.70)	1.710(43.43)/1.700(43.18)	M44



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, or CRES/nickel per QQ-N-290.
- Contacts – Gold Plated. Pin: alloy 52; Skt.: copper alloy
- Insulator, hermetic – fused vitreous glass/N.A.
- Insulator, socket – rigid dielectric.
- Seals – fluorosilicone rubber/N.A.
- Metric dimensions (mm) are indicated in parentheses.