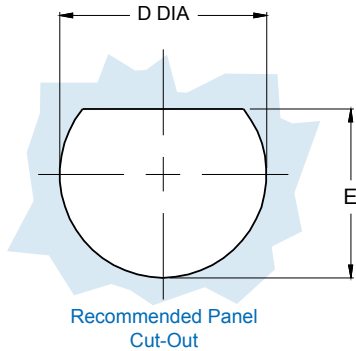
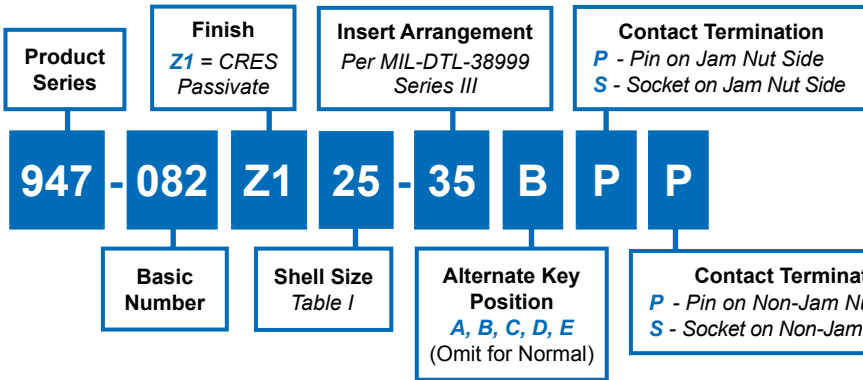


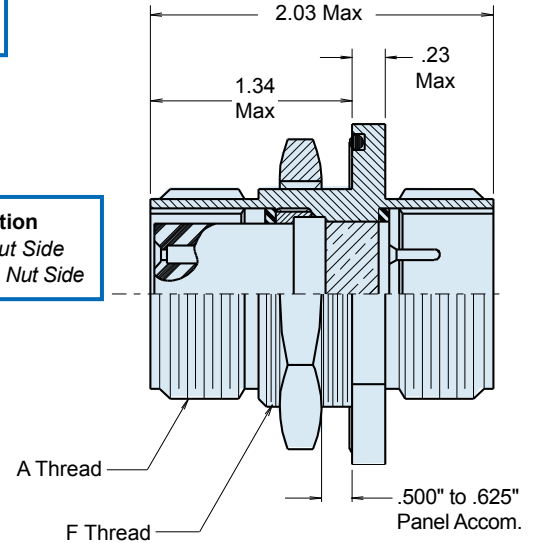


**947-082**  
**Jam Nut Mount Hermetic Bulkhead Feed-Thru**  
.500/.625 inch Panel  
MIL-DTL-38999 Series III Type

**B**



HERMETIC LEAK RATE MOD CODES	
Designator	Required Leak Rate
-585A	1 x 10 <sup>-10</sup> cc Helium per second
-585B	1 x 10 <sup>-9</sup> cc Helium per second
-585C	1 x 10 <sup>-8</sup> cc Helium per second



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

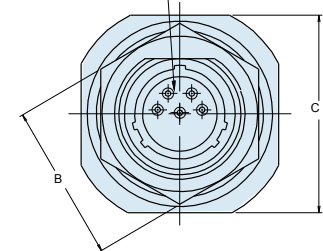


TABLE I: CONNECTOR DIMENSIONS						
SHELL SIZE	A THREAD 0.1 P-0.3L-TS-2	B DIM	C DIM MAX	D DIA	E DIM	F THREAD 1-6g 0.100R
9	.6250	.875 (22.2)	1.090 (27.7)	.703 (17.86) .693 (17.60)	.661 (16.79) .655 (16.64)	M17
11	.7500	1.000 (25.4)	1.280 (32.5)	.835 (21.21) .825 (20.96)	.771 (19.58) .761 (19.33)	M20
13	.8750	1.250 (31.8)	1.400 (35.6)	1.020 (25.91) 1.010 (25.65)	.955 (24.26) .945 (24.00)	M25
15	1.0000	1.375 (34.9)	1.530 (38.9)	1.145 (29.08) 1.135 (28.83)	1.085 (27.56) 1.075 (27.30)	M28
17	1.1875	1.500 (38.1)	1.660 (42.2)	1.270 (32.26) 1.260 (32.00)	1.210 (30.73) 1.200 (30.48)	M32
19	1.2500	1.625 (41.3)	1.840 (46.7)	1.395 (35.43) 1.385 (35.18)	1.335 (33.91) 1.325 (33.65)	M35
21	1.3750	1.750 (44.5)	1.970 (50.5)	1.520 (38.61) 1.510 (38.35)	1.460 (37.08) 1.450 (36.83)	M38
23	1.5000	1.875 (47.6)	2.090 (53.1)	1.645 (41.78) 1.635 (41.53)	1.585 (40.26) 1.575 (40.00)	M41
25	1.6250	2.000 (50.8)	2.210 (56.1)	1.770 (44.96) 1.760 (44.70)	1.710 (43.43) 1.700 (43.18)	M44

- 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<sup>-7</sup> 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.
  - Metric dimensions (mm) are indicated in parentheses.

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