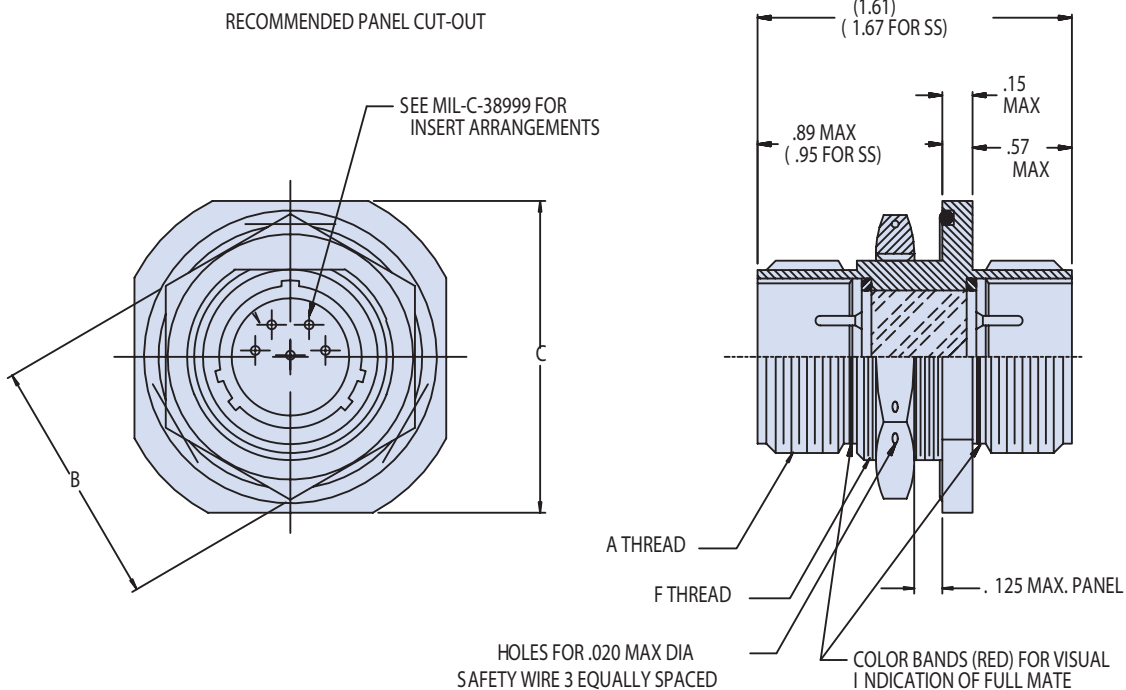


257-093 Jam-Nut Mount Bulkhead feed-Thru with SAE Threads

HOW TO ORDER						
Sample Part Number	257-093	Z1	19	-35	PP	N
Basic Part Number	257-093 = Jam-Nut Mount Bulkhead Feed-Thru with SAE Threads					
Material / Finish	ZL = CRES, Nickel Z1 = CRES, Passivated P = CRES, Nickel Plate					
Shell Size	09, 11, 13, 15, 17, 19, 21, 23, 25					
Insert Arrangement	Per MIL-STD-1560					
Contact Termination	P = Pin on Jam Nut Side S = Socket on Jam Nut Side PP = Pin to Pin SS = Socket to Socket					
Alternate Key Position	A, B, C, D, E, (N = Normal)					



HERMETIC CONNECTORS MIL-DTL-38999 Series III Type



257-093 Jam-Nut Mount Bulkhead feed-Thru with SAE Threads

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

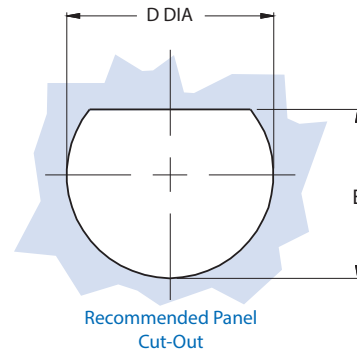


TABLE I: CONNECTOR DIMENSIONS						
SHELL SIZE	A THREAD 0.1 P-0.3L-TS-2	B DIM	C DIM MAX	D DIA	E DIM	F THREAD CLASS 2A
9	0.625	.875(22.2)	1.09(27.7)	.693 (17.60)	.657 (16.70)	11/16-24 UNEF
11	0.750	1.000(25.4)	1.28(32.5)	.825 (20.96)	.771 (19.59)	13/16-20 UNEF
13	0.875	1.250(31.8)	1.40(35.6)	1.010 (25.65)	.955 (24.26)	1-20 UNEF
15	1.000	1.375(34.9)	1.53(38.9)	1.135 (28.83)	1.085 (27.56)	1 1/8-18 UNEF
17	1.187	1.500(38.1)	1.66(42.2)	1.260 (32.01)	1.210 (30.73)	1 1/4-18 UNEF
19	1.250	1.625(41.3)	1.84(46.7)	1.385 (35.18)	1.335 (33.91)	1 3/8-18 UNEF
21	1.375	1.750(44.5)	1.97(50.5)	1.510 (38.35)	1.460 (37.08)	1 1/2-18 UNEF
23	1.500	1.875(47.6)	2.09(53.1)	1.635 (41.53)	1.585 (40.26)	1 5/8-18 UNEF
25	1.625	2.000(50.8)	2.21(56.1)	1.760 (44.70)	1.710 (43.43)	1 3/4-18 UNEF

NOTES

1. Assembly identified with manufacturer's name and PN, space permitting.
2. For pin/pin and socket/socket, symmetrical layouts only, consult factory for available insert arrangements.
3. Electrical safety limits must be established by user, peak voltage, switching surge, transient, etc. should be used to determine the safety of the application.
4. Material/Finish:
 - Shell, lock ring, jam nut—stainless steel/passivate
 - Contacts—alloy 52/gold plate
 - Sockets—copper alloy/gold plate
 - Hermetic Insulator—full glass/N.A.
 - Socket Insulator—rigid dielectric/N.A.
 - Seals—fluorosilicone/ N.A.
 - Hermeticity—1x10⁻⁷ cc/second
5. Metric dimensions (mm) are indicated in parentheses.