

MIL-DTL-26482 Hermetic Series II Type

947-292 Bayonet coupling jam-nut mount pin-socket feedthrough



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

NOTES

- To be identified with manufacturer's name, part number and date code, space permitting.
- Hermeticity: <1x10⁻⁷ cc/sec @ 1 ATM differential
- Material/Finish:
 - Shell and jam-nut: per part number development
 - Titanium and Inconel® available, consult factory.
 - Contacts: alloy 52/gold plate
 - Bayonets: CRES/passivated
 - Insulator: vitreous glass seal
 - Seals: silicone elastomer
 - Spacer: high grade rigid dielectric

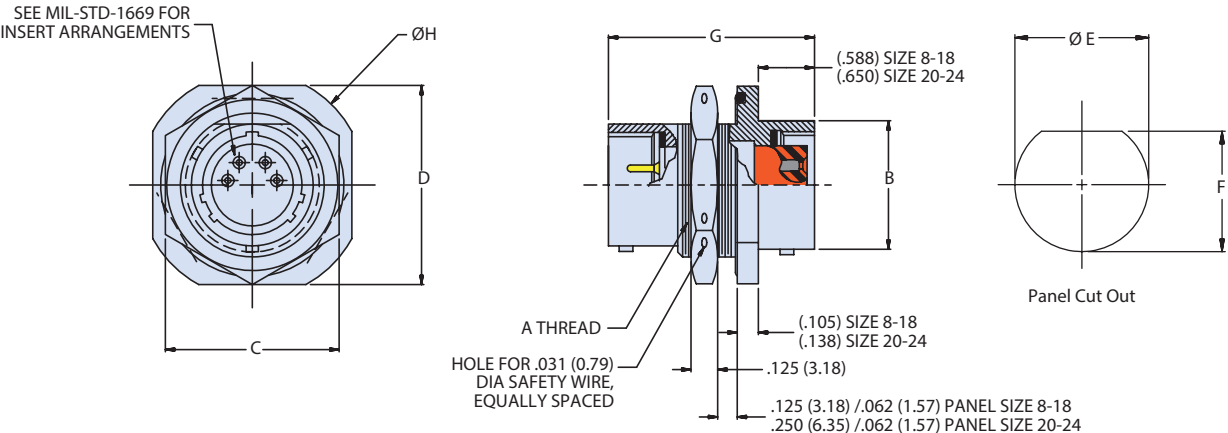
PART NUMBER DEVELOPMENT						
Sample Part Number	947-292	Z1	22	-55	P	X
Series / Basic Part No.	230-044 = Jam-Nut Mount Receptacle					
Material/Finish	Z1 = Stainless Steel/Passivated ZL = Stainless Steel/Nickel Plated					
Shell Size - Layout	Shell Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24 Layout per MIL-STD-1669; see Shell Size - Insert Layout table					
Contact Type	P = Pin, Solder Cup X = Pin, Eyelet S = Socket, Solder Cup Z = Socket, Eyelet					
Alt. Polarization	W, X, Y, Z, Omit for normal					

SHELL SIZE - INSERT LAYOUT											
Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity		
	20	16	12		20	16	12		20	16	12
8-2	2			14-9	5		4	18-11		11	
8-3	3			14-12	8	4		18-30	29	1	
8-4	4			14-15	14	1		18-32	32		
8-33	3			14-18	18			18-85	5		8
8-98	3			14-19	19			20-16		16	
10-6	6			14-22	1		4	20-24	24		
10-98	6			16-8		8		20-27	27		
12-3		3		16-14	8		6	20-39	37	2	
12-8	8			16-23	22	1		20-41	41		
12-10	10			16-26	26			20-90	3		12
14-4			4	16-99	21	2		22-12			12
14-5		5		18-8			8	22-19			19

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DIMENSIONS								
Shell Size	A Thread Class 2A	B Dia Max	C Hex	D Flats	E Dia +.010 -.005 (+0.3 -0.1)	F Dim +.010 -.005 (+0.3 -0.1)	G Max	H Dia ± .016 (0.4)
8	9/16-24 UNEF	.474 (12.0)	.750 (19.1)	.954 (24.2)	.572 (14.5)	.536 (13.6)	1.420 (36.1)	1.062 (27.0)
10	11/16-24 UNEF	.591 (15.0)	.875 (22.2)	1.078 (27.4)	.697 (17.7)	.661 (16.8)	1.420 (36.1)	1.187 (30.1)
12	7/8-20 UNEF	.751 (19.1)	1.062 (27.0)	1.266 (32.2)	.895 (22.7)	.824 (20.9)	1.420 (36.1)	1.375 (34.9)
14	1-20 UNEF	.876 (22.3)	1.188 (30.2)	1.391 (35.3)	1.010 (25.7)	.948 (24.1)	1.420 (36.1)	1.500 (38.1)
16	1 1/8-18 UNEF	1.001 (25.4)	1.312 (33.3)	1.516 (38.5)	1.135 (28.8)	1.072 (27.2)	1.420 (36.1)	1.625 (41.3)
18	1 1/4-18 UNEF	1.126 (28.6)	1.438 (37.0)	1.641 (41.7)	1.260 (32.0)	1.197 (30.4)	1.420 (36.1)	1.750 (44.5)
20	1 3/8-18 UNEF	1.251 (31.8)	1.562 (39.7)	1.828 (46.4)	1.385 (35.2)	1.322 (33.6)	1.580 (40.1)	1.938 (49.2)
22	1 1/2-18 UNEF	1.376 (35.0)	1.688 (42.9)	1.954 (49.6)	1.510 (38.0)	1.447 (36.8)	1.580 (40.1)	2.062 (52.4)
24	1 5/8-18 UNEF	1.501 (38.1)	1.812 (46.0)	2.087 (53.0)	1.635 (41.5)	1.572 (39.9)	1.620 (41.1)	2.187 (55.5)