

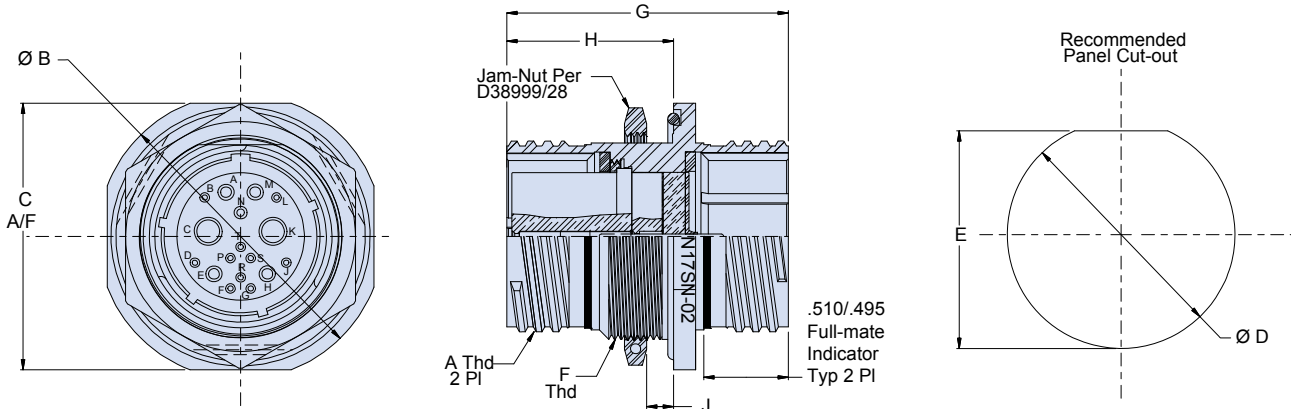
233-103-H7 Jam nut mount bulkhead feedthru MIL-DTL-38999 Series III type

H7 - JAM NUT HERMETIC FOR PANELS FROM .125" TO .500"

How To Order: 233-103							
Sample Part Number	233-103	-H7	Z1	19-35	S	N	-01
Series / Basic Part No.	Series 23 SuperNine® Hermetic Bulkhead Feedthru						
Connector Style	H7 = Jam Nut Mount Receptacle						
Finish*	Z1 = CRES, Passivated ZL = CRES, Nickel Finish See materials and finish summary page for this section						
Shell Size-Insert Arrangement*	Per MIL-STD-1560						
Contact Type	P = Pin on jam nut side S = Socket on jam nut side PP = Pin-Pin (See note 1) SS = Socket-Socket (See note 1)						
Alternate Key Position*	A, B, C, D, E, N = Normal						
Panel Thickness	-01 = .125/.062 -02 = .250/.062 -03 = .500/.062; See Panel Thickness Table						

***Refer to Section A for complete details**

Modification codes may be added directly to the end of any valid part number



Dimensions						
Shell Size	A Thread 0.1 P-0.3L-TS-2	B Dia	C	D Dia	E Dim	F Thread Metric X 1.0-6g
9	.6250	1.189 (30.2)	1.063 (27.0)	.703/.693 (17.9/16.6)	.661/.653 (16.8/16.6)	M17
11	.7500	1.375 (34.9)	1.252 (31.8)	.835/.825 (21.2/21.0)	.771/.761 (19.6/19.3)	M20
13	.8750	1.500 (38.1)	1.374 (34.9)	1.020/1.010 (25.9/25.7)	.955/.945 (24.3/24.0)	M25
15	1.0000	1.626 (41.3)	1.500 (38.1)	1.145/1.135 (29.1/28.8)	1.085/1.075 (27.6/27.3)	M28
17	1.1875	1.752 (44.5)	1.626 (41.3)	1.270/1.260 (32.3/32.0)	1.210/1.200 (30.7/30.5)	M32
19	1.2500	1.937 (49.2)	1.811 (46.0)	1.395/1.385 (35.4/35.2)	1.335/1.325 (33.9/33.7)	M35
21	1.3750	2.063 (52.4)	1.937 (49.2)	1.520/1.510 (38.6/38.4)	1.460/1.450 (37.1/36.8)	M38
23	1.5000	2.189 (55.6)	2.063 (52.4)	1.645/1.635 (41.8/41.5)	1.585/1.575 (40.3/40.0)	M41
25	1.6250	2.311 (58.7)	2.189 (55.6)	1.770/1.760 (45.0/44.7)	1.710/1.700 (43.4/43.2)	M44

Hermetic Leak Rate Mod Codes	
Mod Code	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

Panel Thickness			
Dash No.	G Dim, OAL	H Dim, Max	J Dim, Panel
-01	1.650 (41.9) max.	.889 (22.6)	.125/.062 (3.2/1.6)
-02	1.780 (45.2) max.	1.090 (27.7)	.250/.062 (6.4/1.6)
-03	2.030 (51.6) max.	1.340 (34.0)	.500/.062 (12.7/1.6)

NOTES

1. For PP or SS style, only symmetrical layouts may be selected. Power to a given contact on one end will result in power to contact directly opposite, regardless of identification letter.
2. Hermeticity = less than 1 x 10⁻⁷ cc/sec at one atmosphere. Not for use in liquid atmosphere.
3. Dimensions in Inches (millimeters) are subject to change without notice.
4. Consult factory for additional information.

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