

Hermetic Jam Nut Thru-Bulkhead Receptacle

TM Series • MIL-DTL-5015 Crimp Type Connectors



Photo for example only

TM27 Compatibility

Compatible Brands	Mates
MIL-DTL-5015 Crimp	MS3456, MS3459
Aero Electric	AE556, AE559
Amphenol / Matrix	9446, 9816
J-Tech / Conesys	DC62, DC63
ITT Cannon	CV3456, CV3459

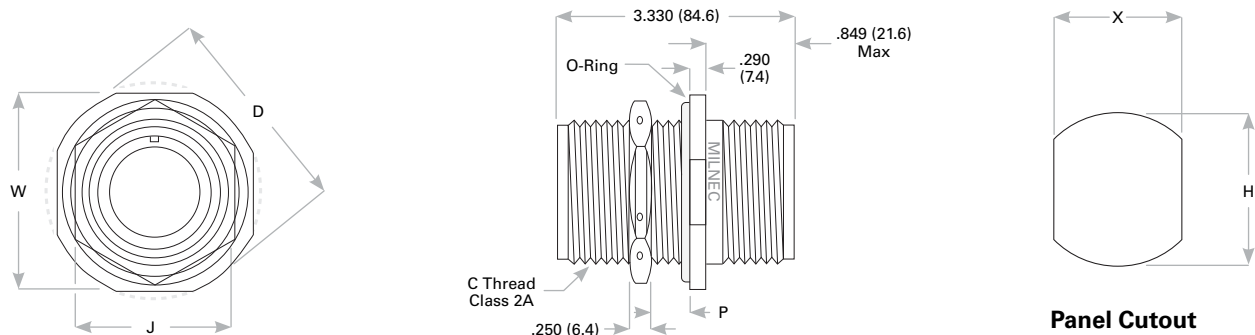
TM27 HA 18-11 P N - 02

- 1 **BASIC PART NUMBER**
TM27 Hermetic jam nut thru-bulkhead receptacle
 Helium leakage <math> < 1.0 \times 10^{-6}</math> cc³/sec at 15 psi (1.1 kg/cm²).
- 2 **MATERIAL & FINISH**
HA Stainless Steel, passivated
HG Stainless Steel, passivated
 Outgassed for space applications
- 3 **SHELL SIZE & INSERT ARRANGEMENT**
 See Insert Arrangement Selection table, p. K-12
- 4 **CONTACT STYLE**
P Pins on jam nut side, sockets opposite
S Sockets on jam nut side, pins opposite
PP Pins on jam nut side, pins opposite
- 5 **INSERT ROTATION**
N Normal or W, X, Y, Z, see p. K-12 for availability
- 6 **OPTIONAL ACCESSORY KIT (OMIT FOR NONE)**
02 Protective covers (2x)

Receptacle Dimensions

Shell Size	W	D Max	J	C Thread Class 2A	P Max Panel	X	H
10	1.000 (25.4)	1.125 (28.6)	.812 (20.6)	.6250-24 UNEF	1.375 (34.9)	.578 (14.7)	.635 (16.1)
12	1.125 (28.6)	1.250 (31.8)	.938 (23.8)	.7500-20 UNEF	1.375 (34.9)	.692 (17.6)	.760 (19.3)
14	1.250 (31.8)	1.375 (34.9)	1.062 (27.0)	.8750-20 UNEF	1.375 (34.9)	.817 (20.8)	.885 (22.5)
16	1.375 (34.9)	1.500 (38.1)	1.250 (31.8)	1.0000-20 UNEF	1.375 (34.9)	.942 (23.9)	1.010 (25.7)
18	1.625 (41.3)	1.750 (44.5)	1.375 (34.9)	1.1250-18 UNEF	1.375 (34.9)	1.060 (26.9)	1.135 (28.8)
20	1.750 (44.5)	1.875 (47.6)	1.500 (38.1)	1.2500-18 UNEF	1.375 (34.9)	1.185 (30.1)	1.260 (32.0)
22	1.875 (47.6)	2.000 (50.8)	1.625 (41.3)	1.3750-18 UNEF	1.375 (34.9)	1.310 (33.3)	1.385 (35.2)
24	2.000 (50.8)	2.188 (55.6)	1.750 (44.5)	1.5000-18 UNEF	1.375 (34.9)	1.435 (36.4)	1.510 (38.4)
28	2.250 (57.2)	2.438 (61.9)	2.000 (50.8)	1.7500-18 UNS	1.375 (34.9)	1.687 (42.8)	1.760 (44.7)
32	2.500 (63.5)	2.688 (68.3)	2.250 (57.2)	2.0000-18 UNS	1.375 (34.9)	1.937 (49.2)	2.010 (51.1)
36	2.750 (69.9)	2.938 (74.6)	2.500 (63.5)	2.2500-16 UN	1.375 (34.9)	2.177 (55.3)	2.260 (57.4)

Dimensions are in inches (mm).



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