

233-100-H7

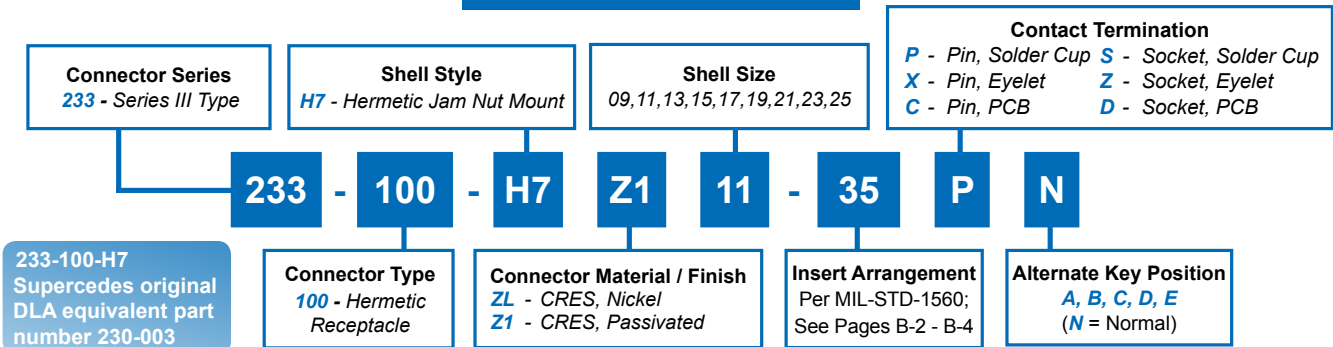
Jam Nut Mount Hermetic Receptacle

MIL-DTL-38999 Series III Type



MIL-DTL-38999 Type
Hermetic Connectors

How To Order: Commercial



B

TABLE I: CONNECTOR DIMENSIONS

SHELL SIZE CODE	SHELL SIZE	A THREAD -0.1P-0.03L- TS	B DIA	C A/F ±.015(0.4)	D FLAT ±.005(0.1)	E DIA ±.012(0.3)	F DIA	G THREAD ISO METRIC	H ±.032(0.8)
A	9/09	0.625	1.200(30.5) 1.178(29.9)	1.063(27.0)	.650(16.5)	.603(15.3)	.653(16.6) .642(16.3)	M17 X 1.0-6g	.094(2.4)
B	11	0.750	1.385(35.2) 1.363(34.6)	1.252(31.8)	.750(19.1)	.725(18.4)	.775(19.7) .764(19.4)	M20 X 1.0-6g	.094(2.4)
C	13	0.875	1.511(38.4) 1.489(37.8)	1.374(34.9)	.937(23.8)	.851(21.6)	.905(23.0) .894(22.7)	M25 X 1.0-6g	.094(2.4)
D	15	1.000	1.637(41.6) 1.615(41.0)	1.500(38.1)	1.061(26.9)	.977(24.8)	1.031(26.2) 1.020(25.9)	M28 X 1.0-6g	.094(2.4)
E	17	1.187	1.763(44.8) 1.741(44.2)	1.626(41.3)	1.186(30.1)	1.103(28.0)	1.153(29.3) 1.142(29.0)	M32 X 1.0-6g	.094(2.4)
F	19	1.250	1.948(49.5) 1.926(48.9)	1.811(46.0)	1.311(33.3)	1.229(31.2)	1.278(32.5) 1.268(32.2)	M35 X 1.0-6g	.094(2.4)
G	21	1.375	2.074(52.7) 2.051(52.1)	1.937(49.2)	1.436(36.5)	1.351(34.3)	1.405(35.7) 1.394(35.4)	M38 X 1.0-6g	.094(2.4)
H	23	1.500	2.200(55.9) 2.177(55.3)	2.063(52.4)	1.561(39.6)	1.477(37.5)	1.531(38.9) 1.520(38.6)	M41 X 1.0-6g	.094(2.4)
J	25	1.625	2.322(59.0) 2.300(58.4)	2.189(55.6)	1.686(42.8)	1.603(40.7)	1.653(42.0) 1.642(41.7)	M44 X 1.0-6g	.094(2.4)

TABLE I: (Continued) CONNECTOR DIMENSIONS

J ±.008(0.2)	K DIA ±.005 (0.1)	L MAX	M MAX		N ±.005 (0.1)
			P&X	S&Z	
.106(2.7)	.693 (17.60)	1.149(29.2)	.208(5.3)	.232(5.9)	.652 (16.56)
.106(2.7)	.825 (20.96)	1.149(29.2)	.208(5.3)	.232(5.9)	.766 (19.46)
.106(2.7)	1.010 (25.65)	1.153(29.3)	.200(5.1)	.224(5.7)	.950 (24.13)
.106(2.7)	1.135 (28.83)	1.153(29.3)	.200(5.1)	.224(5.7)	1.080 (27.43)
.106(2.7)	1.260 (32.01)	1.153(29.3)	.200(5.1)	.224(5.7)	1.205 (30.61)
.138(3.5)	1.385 (35.18)	1.185(30.1)	.200(5.1)	.224(5.7)	1.330 (33.78)
.138(3.5)	1.510 (38.35)	1.185(30.1)	.200(5.1)	.224(5.7)	1.455 (36.96)
.138(3.5)	1.635 (41.53)	1.185(30.1)	.200(5.1)	.224(5.7)	1.580 (40.13)
.138(3.5)	1.760 (44.70)	1.185(30.1)	.200(5.1)	.224(5.7)	1.705 (43.31)

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

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

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