

233-255 Jam-nut mount, PC tail with threaded standoffs MIL-DTL-38999 Series III Type

Part Number Development												
Sample Part Number	233-255						-07	ME	17	-8	C	N
Series / Basic Part No.	Series 23 SuperNine CODE RED hermetic connector											
Connector Style	07 = Receptacle, jam nut with standard stand off thread 17 = Receptacle, jam-nut with metric stand off thread											
Material/Finish*	ME = Aluminum alloy 6061-T6, electroless nickel											
Shell Size*	Per MIL-DTL-38999 Series III											
Insert Arrangement*	Per MIL-STD-1560											
Contact Style	C = Pin, PC Tail D = Socket, PC Tail											
Polarization*	A, B, C, D, E, N = Normal; see section A for key position details											

***Refer to Section A for complete details, consult factory for additional options**
Modification codes may be added directly to the end of any valid part number

D

Dimensions								
Shell Size Code	Shell Size	A Thread .1P-.3L-TS-2A	Ø B	C Sq	D Flat	E Thread ISO Metric 1.0-6g 0.100R	F	G Bsc
A	9	.6250	1.200 (30.48) 1.178 (29.92)	1.078 (27.38) 1.048 (26.62)	.654 (16.61) .645 (16.38)	M17	.122 (3.10) .083 (2.11)	.594 (15.09)
B	11	.7500	1.386 (35.20) 1.362 (34.59)	1.268 (32.21) 1.236 (31.39)	.755 (19.18) .745 (18.92)	M20		.719 (18.26)
C	13	.8750	1.512 (38.40) 1.488 (37.80)	1.390 (35.31) 1.358 (34.49)	.942 (23.93) .932 (23.67)	M25		.812 (20.62)
D	15	1.0000	1.638 (41.61) 1.614 (41.00)	1.516 (38.51) 1.484 (37.69)	1.066 (27.08) 1.056 (26.82)	M28		.906 (23.01)
E	17	1.1875	1.764 (44.81) 1.740 (44.20)	1.642 (41.71) 1.610 (40.89)	1.191 (30.25) 1.181 (30.00)	M32		1.030 (26.16)
F	19	1.2500	1.949 (49.50) 1.925 (48.90)	1.827 (46.41) 1.795 (45.59)	1.316 (33.43) 1.306 (33.17)	M35	.153 (3.89) .114 (2.90)	1.150 (29.21)
G	21	1.3750	2.075 (52.71) 2.051 (52.10)	1.953 (49.61) 1.921 (48.79)	1.441 (36.60) 1.431 (36.35)	M38		1.221 (31.01)
H	23	1.5000	2.201 (55.91) 2.177 (55.30)	2.079 (52.81) 2.047 (51.99)	1.566 (39.78) 1.556 (39.52)	M41		1.360 (34.54)
J	25	1.6250	2.323 (59.00) 2.299 (58.39)	2.205 (56.01) 2.173 (55.19)	1.691 (42.95) 1.681 (42.70)	M44		1.475 (37.47)

NOTES

- Meets applicable mechanical, dimensional, electrical, environmental and sealing requirements of MIL-DTL-38999, D38999/23, PC tails
- Insert arrangement in accordance with MIL-STD-1560. Contact manufacturer for available arrangement options
- Dimensions shown comply with applicable MIL-DTL-38999/23
- Connectors have been tested and meet applicable performance requirements of MIL-DTL-38999, series III, class N and Y. See Glenair test report GT-16-223
- Performance
 - Operation temperature Range: -65°C to +200°C
 - Leak Rate: 1 x 10⁻⁷ cc/s max helium, 1 ATM
 - IR: 5,000 megohms min at room temperature per MIL-DTL-38999
 - DWV: see service rating per applicable MIL-STD-1560 arrangements

