

MIL-DTL-38999 Series IV Type, COTS equivalent
 234-100-H7 jam-nut mount receptacle



HOW TO ORDER						
Sample Part Number	234-100-H7	Z1	11	-35	P	N
Series / Basic Part No.	234-100-H7 = Hermetic, jam-nut mount hermetic receptacle					
Material/Finish*	ZL = CRES, nickel finish, conductive, -65°C to 200°C Z1 = CRES, passivate finish, conductive, -65°C to 200°C Z1S = Hermetic, CRES, passivate finish, conductive, -65°C to 200°C (space grade)					
Shell Size	11, 13, 15, 17, 19, 21, 23, 25					
Insert Arrangement	Per MIL-STD-1560; See reference information section for details					
Contact Style	P = Pin, solder cup X = Pin, eyelet C = Pin, PCB flex feedthrough S = Socket, solder cup Z = Socket, eyelet D = Socket, PCB flex feedthrough					
Polarization	N (Normal), A, B, C, D, K, L, M, R see polarization position position table					

DIMENSIONS									
Shell Size Code	Shell Size	A Dia	B	C Flat	D Dia	E Dia ±.010(0.3)	F Thread ISO Metric 1.0-6g	G ±.033(0.8)	H ±.012(0.3)
B	11	1.385(35.2) 1.362(34.6)	1.267 (32.18) 1.232 (31.29)	.754(19.2) .745(18.9)	.732(18.6) .716(18.2)	.769(19.5)	M20	.092(2.3)	.106(2.7)
C	13	1.511(38.4) 1.488(37.8)	1.393 (35.38) 1.358 (34.49)	.941(23.9) .932(23.7)	.858(21.8) .839(21.3)	.899(22.8)	M25	.092(2.3)	.106(2.7)
D	15	1.637(41.6) 1.614(41.0)	1.519 (38.58) 1.484 (37.69)	1.065(27.1) 1.056(26.8)	.984(25.0) .968(24.6)	1.025(26.0)	M28	.092(2.3)	.106(2.7)
E	17	1.763(44.8) 1.740(44.2)	1.641 (41.68) 1.606 (40.79)	1.190(30.2) 1.181(30.0)	1.110(28.2) 1.091(27.7)	1.147(29.1)	M32	.092(2.3)	.106(2.7)
F	19	1.948(49.5) 1.925(48.9)	1.830 (46.48) 1.795 (45.59)	1.316(33.4) 1.306(33.2)	1.236(31.4) 1.220(31.0)	1.273(32.3)	M35	.092(2.3)	.137(3.5)
G	21	2.074(52.7) 2.051(52.1)	1.956 (49.68) 1.921 (48.79)	1.441(36.6) 1.431(36.3)	1.358(34.5) 1.342(34.1)	1.399(35.5)	M38	.092(2.3)	.137(3.5)
H	23	2.200(55.9) 2.177(55.3)	2.078 (52.78) 2.043 (51.89)	1.565(39.8) 1.556(39.5)	1.484(37.7) 1.468(37.3)	1.525(38.7)	M41	.092(2.3)	.137(3.5)
J	25	2.326(59.1) 2.299(58.4)	2.204 (55.98) 2.169 (55.09)	1.692(43.0) 1.681(42.7)	1.610(40.9) 1.594(40.5)	1.647(41.8)	M44	.092(2.3)	.137(3.5)

PANEL CUT-OUT DIMENSIONS						
 Panel Cut-Out	Shell Size Code	J Dia	K	Shell Size Code	J Dia	K
	B	.835 (21.21) .825 (20.96)	.771 (19.58) .761 (19.33)	F	1.395 (35.43) 1.385 (35.18)	1.335 (33.91) 1.325 (33.66)
C	1.020 (25.91) 1.010 (25.65)	.955 (24.26) .945 (24.00)	G	1.520 (38.61) 1.510 (38.35)	1.460 (37.08) 1.450 (36.83)	
D	1.145 (29.08) 1.135 (28.83)	1.085 (27.56) 1.075 (27.31)	H	1.645 (41.78) 1.635 (41.53)	1.585 (40.26) 1.575 (40.01)	
E	1.270 (32.26) 1.260 (32.00)	1.210 (30.73) 1.200 (30.48)	J	1.770 (44.96) 1.760 (44.70)	1.710 (43.43) 1.700 (43.18)	

HERMETIC CONNECTORS