

D38999 Solder Mount Receptacle

HOW TO ORDER: MS							
Sample Part Number	D38999	/25	Y	B	35	P	N
Basic Part Number	D38999 = Series III						
Shell Style	/25 = Solder Mount						
Material / Finish	N = CRES, Nickel Y = CRES, Passivated H = CRES, passivate (space grade)						
Shell Size	9, 11, 13, 15, 17, 19, 21, 23, 25						
Insert Arrangement	MIL-DTL-38999 Series III Hermetic Inserts Per MIL-STD-1560						
Contact Termination	P = Pin, Solder Cup X = Pin, Eyelet C = Pin, PCB Flex Feedthrough S = Socket, Solder Cup Z = Socket, Eyelet D = Socket, PCB Flex Feedthrough						
Alternate Key Position	A, B, C, D (N = Normal)						

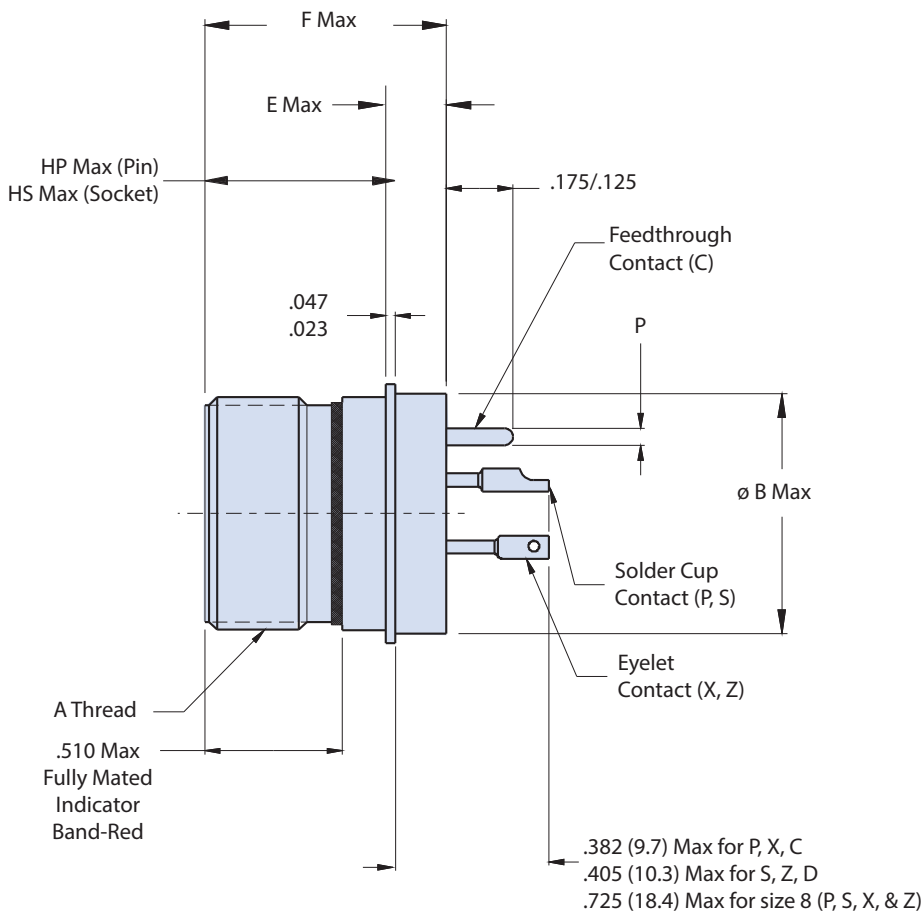


TABLE II: CONTACT SIZE	
PRINTED CIRCUIT TAIL CONFIGURATIONS CONTACT STYLE C AND D	
SIZE 12 AND SIZE 16	
SIZE 22D AND SIZE 20	
Contact Size	ø P
22D	.011 (0.28) .015 (0.38)
20	.024 (0.61) .028 (0.71)
16	.0635 (1.61) .0615 (1.56)
12	.095 (2.41) .093 (2.36)
10	.126 (3.20) .124 (3.15)
8	.184 (4.67) .180 (4.57)

233-100-H5 Solder Mount Receptacle

HOW TO ORDER: COMMERCIAL							
Sample Part Number	233-100	-H5	Z1	9	-35	P	N
Basic Part Number	233-100 = Solder Mount Hermetic Receptacle						
Shell Style	-H5 = Solder Mount						
Material / Finish	ZL = CRES, Nickel Z1 = CRES, Passivated Z1S = CRES, Passivated (Space Grade)						
Shell Size	9, 11, 13, 15, 17, 19, 21, 23, 25						
Insert Arrangement	Per MIL-STD-1560						
Contact Termination	P = Pin, Solder Cup		X = Pin, Eyelet		C = Pin, PCB		
	S = Socket, Solder Cup		Z = Socket, Eyelet		D = Socket, PCB		
Alternate Key Position	A, B, C, D, E (N = Normal)						

TABLE I: CONNECTOR DIMENSIONS

SHELL SIZE CODE	SHELL SIZE	A THREAD	ø B MAX	ø C MAX	ø D ±.005(0.1)	E MAX	F MAX	HP MAX	HS MAX
A	9	.6250-.1P-.3L-TS-2A	.673(17.1)	.764(19.4)	.680 (17.27)	.201(5.1)	.937(23.8)	.677(17.2)	.764(19.4)
B	11	.7500-.1P-.3L-TS-2A	.783(19.9)	.858(21.8)	.789 (20.04)	.201(5.1)	.937(23.8)	.677(17.2)	.764(19.4)
C	13	.8750-.1P-.3L-TS-2A	.909(23.1)	.980(24.9)	.915 (23.24)	.201(5.1)	.937(23.8)	.677(17.2)	.764(19.4)
D	15	1.0000-.1P-.3L-TS-2A	1.031(26.2)	1.106(28.1)	1.038 (26.37)	.201(5.1)	.937(23.8)	.677(17.2)	.764(19.4)
E	17	1.1875-.1P-.3L-TS-2A	1.157(29.4)	1.232(31.3)	1.164 (29.57)	.201(5.1)	.937(23.8)	.677(17.2)	.764(19.4)
F	19	1.2500-.1P-.3L-TS-2A	1.252(31.8)	1.323(33.6)	1.258 (31.95)	.201(5.1)	.937(23.8)	.677(17.2)	.764(19.4)
G	21	1.3750-.1P-.3L-TS-2A	1.378(35.0)	1.449(36.8)	1.384 (35.15)	.201(5.1)	.937(23.8)	.677(17.2)	.764(19.4)
H	23	1.5000-.1P-.3L-TS-2A	1.504(38.2)	1.575(40.0)	1.510 (38.35)	.232(5.9)	.969(24.6)	.677(17.2)	.764(19.4)
J	25	1.6250-.1P-.3L-TS-2A	1.626(41.3)	1.701(43.2)	1.633 (41.48)	.232(5.9)	.969(24.6)	.677(17.2)	.764(19.4)

WIRE ACCOMODATION	
Contact Size	Wire Guage
22D	#22 - #28
20	#20 - #24
16	#16 - #20
12	#12 - #14

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

