

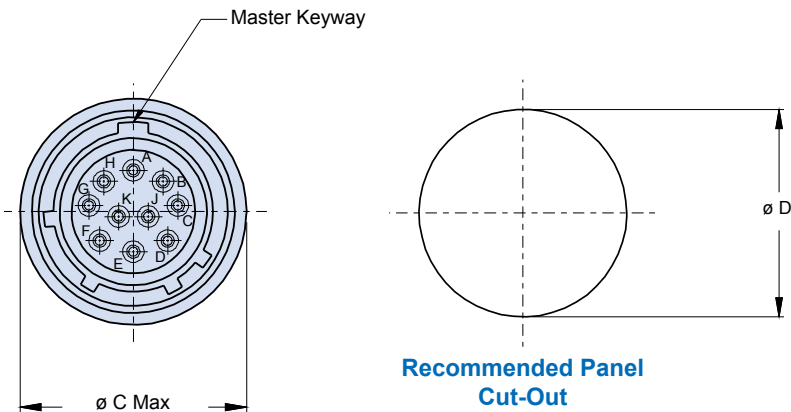
# 233-100-H5 Solder mount hermetic receptacle MIL-DTL-38999 Series III type

How To Order Commercial								
Sample Part Number	233-100			-H5	Z1	11-35	P	N
Series / Basic Part No.	Series 23 SuperNine® Hermetic Receptacle							
Connector Style	H5 = Solder Mount							
Finish	Z1 = CRES, Passivated ZL = CRES, Nickel Finish							
Shell Size - Insert Arrangement*	Per MIL-STD-1560							
Contact Type	P = Pin, Solder Cup		S = Socket, Solder Cup					
	X = Pin, Eyelet		Z = Socket, Eyelet					
	C = Pin, PCB		D = Socket, PCB					
Alternate Key Position*	A, B, C, D, E, N = Normal							

**\*Refer to Section A for complete details**  
Modification codes may be added directly to the end of any valid part number

D

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	9/09	.6250-1P-.3L-TS-2A	.673(17.1)	.764(19.4)	.680(17.3)	.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(20.0)	.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)	.914(23.2)	.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(26.4)	.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(29.6)	.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(32.0)	.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)	1.383(35.1)	.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)	1.508(38.3)	.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)	1.643(41.7)	.232(5.9)	.969(24.6)	.677(17.2)	.764(19.4)



Wire Accomodation	
Contact Size	Wire Gauge
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 <sup>-10</sup> cc Helium per second
-585B	1 x 10 <sup>-9</sup> cc Helium per second
-585C	1 x 10 <sup>-8</sup> cc Helium per second

# SuperNine® Hermetic connectors

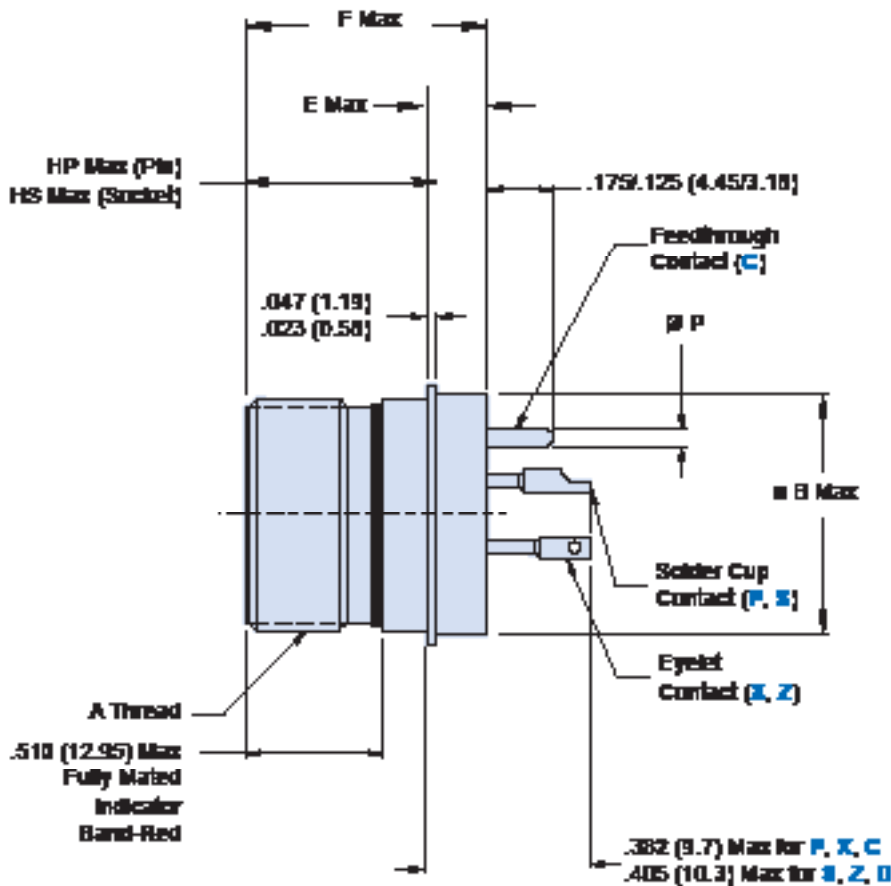
## D38999/25 Solder mount hermetic receptacle

### MIL-DTL-38999 Series III QPL



How To Order MS						
Sample Part Number	D38999	/25	Y	B-35	P	N
Series / Basic Part No.	MIL-DTL-D38999 Series III Type					
Connector Style	/25 = Solder Mount					
Finish*	Y = CRES, Passivated N = CRES, Nickel Finish					
Shell Size - Insert Arrangement*	Per MIL-STD-1560					
Contact Type	P = Pin, Solder Cup X = Pin, Eyelet C = Pin, PCB Flex Feedthru		S = Socket, Solder Cup Z = Socket, Eyelet D = Socket, PCB Flex Feedthru			
Alternate Key Position*	A, B, C, D, E, N = Normal					

\*Refer to Section A for complete details  
Modification codes may be added directly to the end of any valid part number



Contact Size & Diameter	
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)

Mates With	
Plug Part Number	Description
233-105SG6	SuperNine® plug with single integrated band porch
233-105BG6	SuperNine® plug with integrated band porch and boot groove
233-105DG6	SuperNine® plug with double integrated band porch
233-105-G6	SuperNine® plug with accessory attachment threads

D

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