

233-100-H5 Solder mount hermetic receptacle

MIL-DTL-38999 Series III type

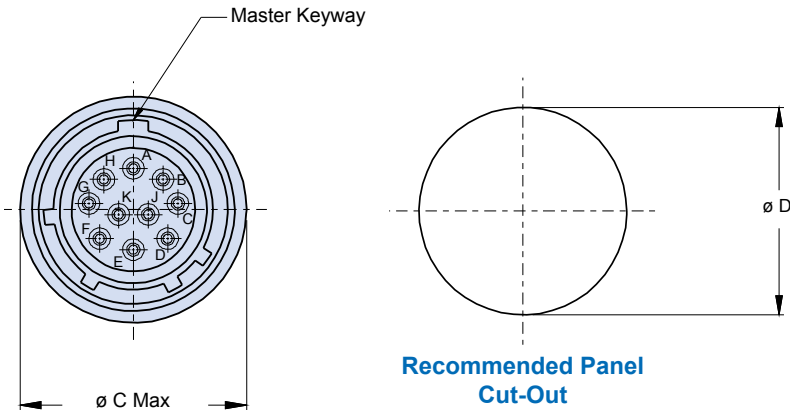
How To Order Commercial						
Sample Part Number	233-100	-H5	Z1	11-35	P	N
Series / Basic Part No.	Series 23 SuperNine® Hermetic Receptacle					
Connector Style	H5 = Solder Mount					
Finish	Z1 = CRES, Passivated ZL = CRES, Nickel Finish					
Shell Size - Insert Arrangement*	Per MIL-STD-1560					
Contact 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

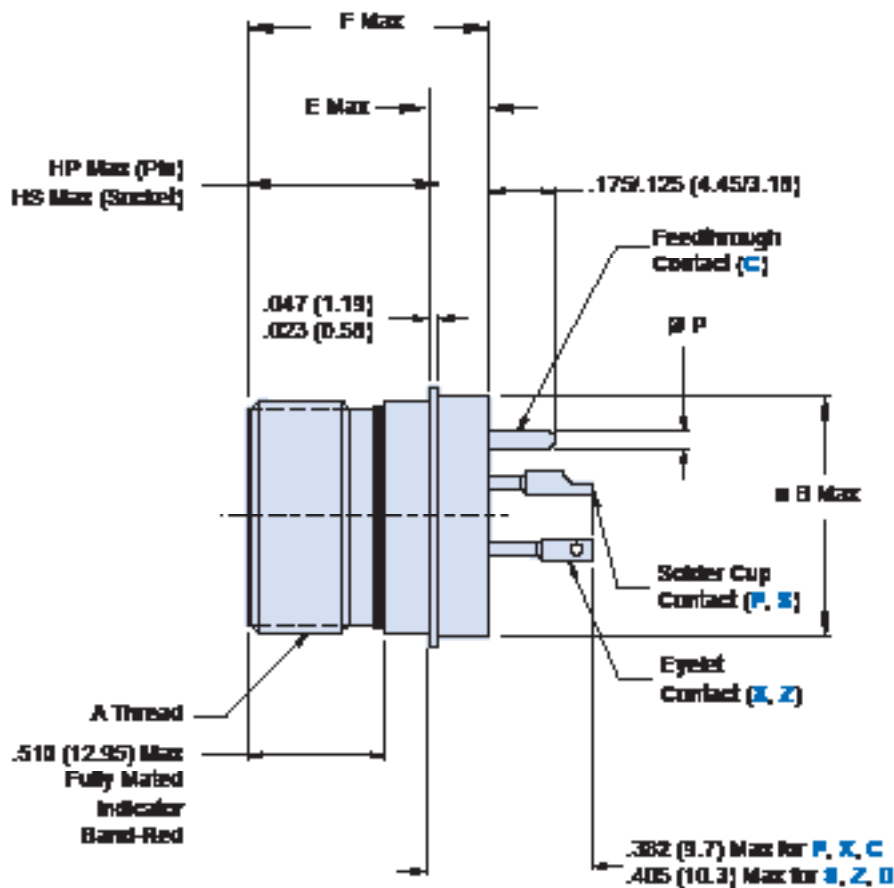
Hermetic Leak Rate Mod Codes	
Designator	Required Leak Rate
-585A	1 x 10 ⁻¹⁰ cc Helium per second
-585B	1 x 10 ⁻⁹ cc Helium per second
-585C	1 x 10 ⁻⁸ cc Helium per second



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 S = Socket, Solder Cup X = Pin, Eyelet Z = Socket, Eyelet C = Pin, PCB Flex Feedthru D = Socket, PCB Flex Feedthru					
Alternate Key Position*	A, B, C, D, E, N = Normal					

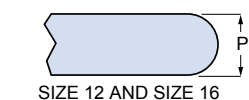
***Refer to Section A for complete details**

Modification codes may be added directly to the end of any valid part number



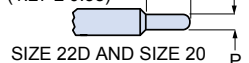
Contact Size & Diameter

PRINTED CIRCUIT TAIL CONFIGURATIONS
CONTACT STYLE C AND D



SIZE 12 AND SIZE 16

.050 ± .015
(1.27 ± 0.38)



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