

233-100-H5 Solder mount hermetic receptacle

MIL-DTL-38999 Series III type

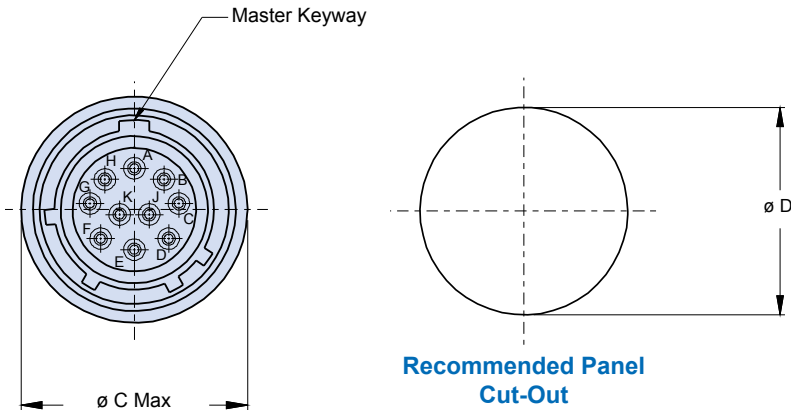
How To Order Commercial						
Sample Part Number	233-100	-H5	Z1	11-35	P	N
Series / Basic Part No.	Series 23 SuperNine® Hermetic Receptacle					
Connector Style	H5 = Solder Mount					
Finish	Z1 = CRES, Passivated ZL = CRES, Nickel Finish					
Shell Size - Insert Arrangement*	Per MIL-STD-1560					
Contact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

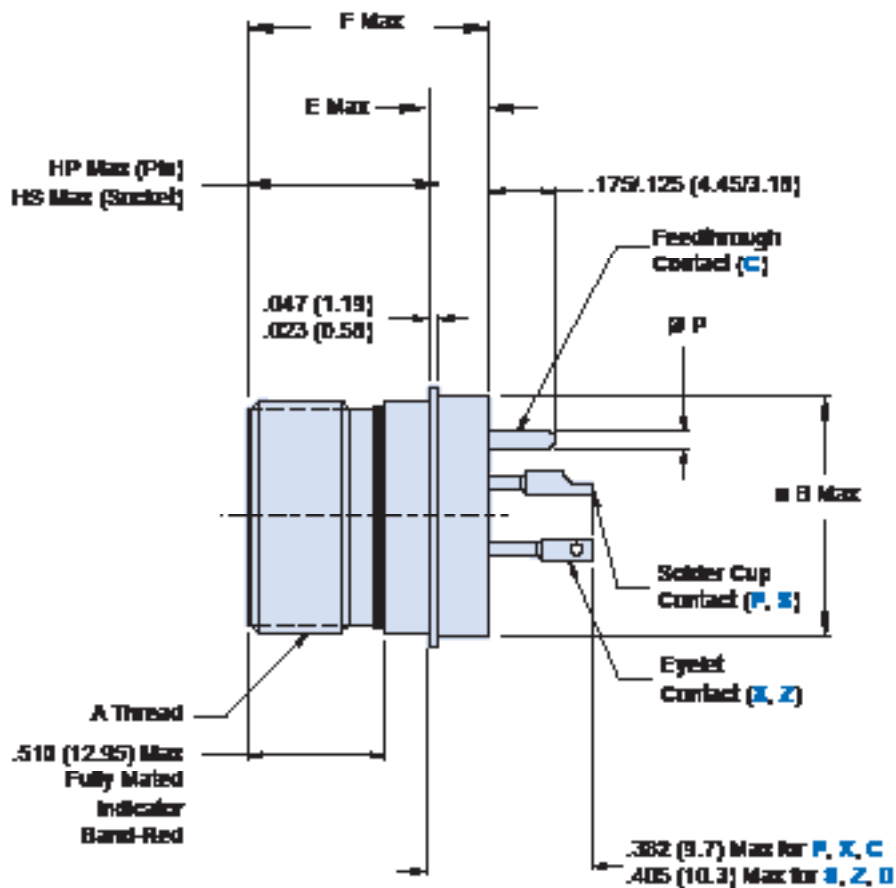
Hermetic Leak Rate Mod Codes	
Designator	Required Leak Rate
-585A	1 x 10 ⁻¹⁰ cc Helium per second
-585B	1 x 10 ⁻⁹ cc Helium per second
-585C	1 x 10 ⁻⁸ cc Helium per second



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					

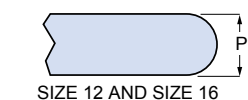
***Refer to Section A for complete details**

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



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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Glenair:

<u>D38999/25NA98PA</u>	<u>D38999/25NA98PB</u>	<u>D38999/25NA98PC</u>	<u>D38999/25NA98PD</u>	<u>D38999/25NA98PN</u>
<u>D38999/25NB35PA</u>	<u>D38999/25NB35PN</u>	<u>D38999/25NB5PN</u>	<u>D38999/25NB98PN</u>	<u>D38999/25NB99PN</u>
<u>D38999/25NC35CA</u>	<u>D38999/25NC35PN</u>	<u>D38999/25NC4PN</u>	<u>D38999/25NC98PN</u>	<u>D38999/25ND19PN</u>
<u>D38999/25ND35PN</u>	<u>D38999/25NE26PN</u>	<u>D38999/25NF11PN</u>	<u>D38999/25YA35PA</u>	<u>D38999/25YA35PB</u>
<u>D38999/25YA35PN</u>	<u>D38999/25YA98PB</u>	<u>D38999/25YA98PN</u>	<u>D38999/25YA98XA</u>	<u>D38999/25YA98XN</u>
<u>D38999/25YB35CN</u>	<u>D38999/25YB5PN</u>	<u>D38999/25YB98PN</u>	<u>D38999/25YB99PN</u>	<u>D38999/25YC35PA</u>
<u>D38999/25YC35PN</u>	<u>D38999/25YC8PN</u>	<u>D38999/25YC98PN</u>	<u>D38999/25YD15PN</u>	<u>D38999/25YG41PN</u>
<u>D38999/25YJ35PN</u>	<u>D38999/25NA35DA</u>	<u>D38999/25NA35DB</u>	<u>D38999/25NA35DC</u>	<u>D38999/25NA35DE</u>
<u>D38999/25NA35DN</u>	<u>D38999/25NA35SA</u>	<u>D38999/25NA35SB</u>	<u>D38999/25NA35SC</u>	<u>D38999/25NA35SD</u>
<u>D38999/25NA35SE</u>	<u>D38999/25NA35SN</u>	<u>D38999/25NA35ZA</u>	<u>D38999/25NA35ZB</u>	<u>D38999/25NA35ZC</u>
<u>D38999/25NA35ZD</u>	<u>D38999/25NA35ZE</u>	<u>D38999/25NA35ZN</u>	<u>D38999/25NA98DA</u>	<u>D38999/25NA98DB</u>
<u>D38999/25NA98DC</u>	<u>D38999/25NA98DD</u>	<u>D38999/25NA98DE</u>	<u>D38999/25NA98DN</u>	<u>D38999/25NA98SA</u>
<u>D38999/25NA98SB</u>	<u>D38999/25NA98SC</u>	<u>D38999/25NA98SD</u>	<u>D38999/25NA98SE</u>	<u>D38999/25NA98SN</u>
<u>D38999/25NA98ZA</u>	<u>D38999/25NA98ZB</u>	<u>D38999/25NA98ZC</u>	<u>D38999/25NA98ZD</u>	<u>D38999/25NA98ZE</u>
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<u>D38999/25NB35DN</u>	<u>D38999/25NB35SA</u>	<u>D38999/25NB35SB</u>	<u>D38999/25NB35SC</u>	<u>D38999/25NB35SD</u>
<u>D38999/25NB35SE</u>	<u>D38999/25NB35SN</u>	<u>D38999/25NB35ZA</u>	<u>D38999/25NB35ZB</u>	<u>D38999/25NB35ZC</u>
<u>D38999/25NB35ZD</u>	<u>D38999/25NB35ZE</u>	<u>D38999/25NB35ZN</u>	<u>D38999/25NB4DA</u>	<u>D38999/25NB4DB</u>
<u>D38999/25NB4DC</u>	<u>D38999/25NB4DD</u>	<u>D38999/25NB4DE</u>	<u>D38999/25NB4DN</u>	<u>D38999/25NB4SA</u>
<u>D38999/25NB4SB</u>	<u>D38999/25NB4SC</u>	<u>D38999/25NB4SD</u>	<u>D38999/25NB4SE</u>	<u>D38999/25NB4SN</u>