

233-100-H8 Weld mount hermetic receptacle

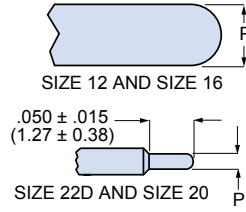
MIL-DTL-38999 Series III type

How To Order Commercial						
Sample Part Number	233-100	-H8	Z1	11-35	P	N
Series / Basic Part No.	Series 23 SuperNine® Hermetic Receptacle					
Connector Style	H8 = Weld 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

Dimensions					
Shell Size Code	Shell Size	A Thread	Ø B	Ø C	Ø D
A	9/09	.6250-1P-.3L-TS-2A	.941 (23.9) .929 (23.6)	.984 (25.0) .972 (24.7)	.134 (3.4) .118 (3.0)
B	11	.7500-1P-.3L-TS-2A	1.063 (27.0) 1.051 (27.0)	1.106 (28.1) 1.094 (27.8)	.134 (3.4) .118 (3.0)
C	13	.8750-1P-.3L-TS-2A	1.189 (30.2) 1.177 (28.9)	1.232 (31.3) 1.220 (31.0)	.134 (3.4) .118 (3.0)
D	15	1.0000-1P-.3L-TS-2A	1.315 (33.4) 1.303 (33.1)	1.358 (34.5) 1.346 (34.2)	.134 (3.4) .118 (3.0)
E	17	1.1875-1P-.3L-TS-2A	1.402 (35.6) 1.390 (35.3)	1.445 (36.7) 1.433 (36.4)	.134 (3.4) .118 (3.0)
F	19	1.2500-1P-.3L-TS-2A	1.547 (39.3) 1.535 (39.0)	1.591 (40.4) 1.579 (40.1)	.134 (3.4) .118 (3.0)
G	21	1.3750-1P-.3L-TS-2A	1.689 (42.9) 1.677 (42.6)	1.732 (44.0) 1.720 (43.7)	.134 (3.4) .118 (3.0)
H	23	1.5000-1P-.3L-TS-2A	1.854 (47.1) 1.842 (46.8)	1.898 (48.2) 1.886 (47.4)	.165 (4.2) .149 (3.8)
J	25	1.6250-1P-.3L-TS-2A	1.941 (49.3) 1.929 (49.0)	1.984 (50.4) 1.972 (50.1)	.165 (4.2) .149 (3.8)

Contact Size & Dia.	
PRINTED CIRCUIT TAIL CONFIGURATIONS CONTACT STYLE C AND D 	
22D	Ø P .011 (0.28) .015 (0.38)
20	Ø P .024 (0.61) .028 (0.71)
16	Ø P .0635 (1.61) .0615 (1.56)
12	Ø P .095 (2.41) .093 (2.36)

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

Wire Accommodation	
Contact Size	Wire Gauge
22D	#22 - #28
20	#20 - #24
16	#16 - #20
12	#12 - #14

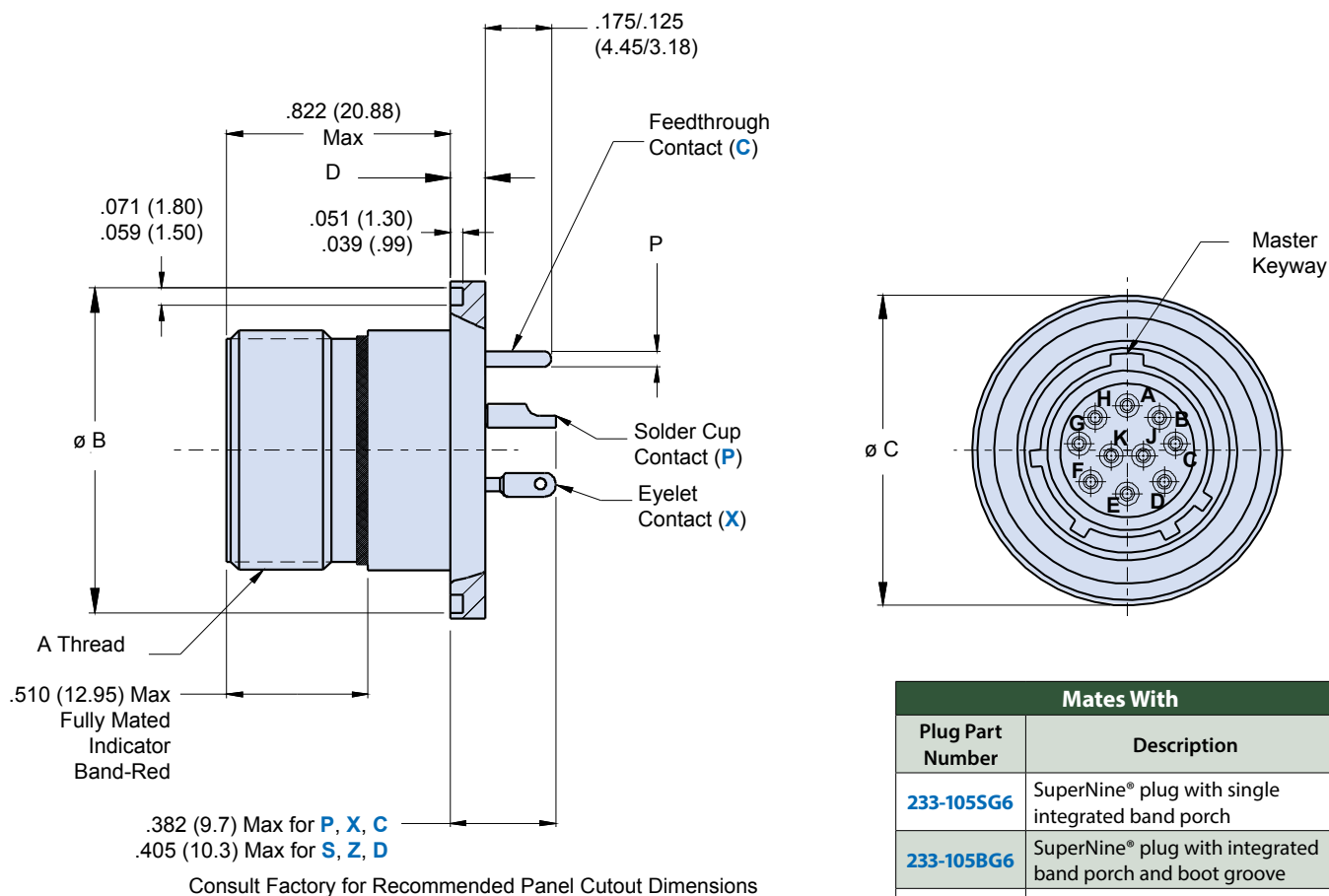


How To Order MS						
Sample Part Number	D38999	/27	Y	B-35	P	N
Series / Basic Part No.	MIL-DTL-D38999 Series III Type					
Connector Style	/27 = Weld Mount					
Finish*	Y = CRES, Passivated N = CRES, Nickel Finish					
Shell Size - Insert Arrangement*	Per MIL-STD-1560					
Contact Type	P = Pin, Solder 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

D



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

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Glenair:

<u>D38999/27NB35PN</u>	<u>D38999/27NB5PA</u>	<u>D38999/27NB5PN</u>	<u>D38999/27NB98PN</u>	<u>D38999/27NC35PN</u>
<u>D38999/27NC8PN</u>	<u>D38999/27ND35PN</u>	<u>D38999/27YA35PC</u>	<u>D38999/27YA35PN</u>	<u>D38999/27YA98PN</u>
<u>D38999/27YB5PN</u>	<u>D38999/27YB98PA</u>	<u>D38999/27YB98PB</u>	<u>D38999/27YB98PN</u>	<u>D38999/27YC4PN</u>
<u>D38999/27YC98PA</u>	<u>D38999/27YC98PB</u>	<u>D38999/27YC98PD</u>	<u>D38999/27YC98PN</u>	<u>D38999/27YD35PN</u>
<u>D38999/27YF11ZN</u>	<u>D38999/27YF28DA</u>	<u>D38999/27YF28DB</u>	<u>D38999/27YF28DC</u>	<u>D38999/27YF28DD</u>
<u>D38999/27YF28DE</u>	<u>D38999/27YF28DN</u>	<u>D38999/27YF28SA</u>	<u>D38999/27YF28SB</u>	<u>D38999/27YF28SC</u>
<u>D38999/27YF28SD</u>	<u>D38999/27YF28SE</u>	<u>D38999/27YF28SN</u>	<u>D38999/27YF28ZA</u>	<u>D38999/27YF28ZB</u>
<u>D38999/27YF28ZC</u>	<u>D38999/27YF28ZD</u>	<u>D38999/27YF28ZE</u>	<u>D38999/27YF28ZN</u>	<u>D38999/27YF32DA</u>
<u>D38999/27YF32DB</u>	<u>D38999/27YF32DC</u>	<u>D38999/27YF32DD</u>	<u>D38999/27YF32DE</u>	<u>D38999/27YF32DN</u>
<u>D38999/27YF32SA</u>	<u>D38999/27YF32SB</u>	<u>D38999/27YF32SC</u>	<u>D38999/27YF32SD</u>	<u>D38999/27YF32SE</u>
<u>D38999/27YF32SN</u>	<u>D38999/27YF32ZA</u>	<u>D38999/27YF32ZB</u>	<u>D38999/27YF32ZC</u>	<u>D38999/27YF32ZD</u>
<u>D38999/27YF32ZE</u>	<u>D38999/27YF32ZN</u>	<u>D38999/27YF35DA</u>	<u>D38999/27YF35DB</u>	<u>D38999/27YF35DC</u>
<u>D38999/27YF35DD</u>	<u>D38999/27YF35DE</u>	<u>D38999/27YF35DN</u>	<u>D38999/27YF35SA</u>	<u>D38999/27YF35SB</u>
<u>D38999/27YF35SC</u>	<u>D38999/27YF35SD</u>	<u>D38999/27YF35SE</u>	<u>D38999/27YF35SN</u>	<u>D38999/27YF35ZA</u>
<u>D38999/27YF35ZB</u>	<u>D38999/27YF35ZC</u>	<u>D38999/27YF35ZD</u>	<u>D38999/27YF35ZE</u>	<u>D38999/27YF35ZN</u>
<u>D38999/27YG11DA</u>	<u>D38999/27YG11DB</u>	<u>D38999/27YG11DC</u>	<u>D38999/27YG11DD</u>	<u>D38999/27YG11DE</u>
<u>D38999/27YG11DN</u>	<u>D38999/27YG11SA</u>	<u>D38999/27YG11SB</u>	<u>D38999/27YG11SC</u>	<u>D38999/27YG11SD</u>
<u>D38999/27YG11SE</u>	<u>D38999/27YG11SN</u>	<u>D38999/27YG11ZA</u>	<u>D38999/27YG11ZB</u>	<u>D38999/27YG11ZC</u>
<u>D38999/27YG11ZD</u>	<u>D38999/27YG11ZE</u>	<u>D38999/27YG11ZN</u>	<u>D38999/27YG16DA</u>	<u>D38999/27YG16DB</u>
<u>D38999/27YG16DC</u>	<u>D38999/27YG16DD</u>	<u>D38999/27YG16DE</u>	<u>D38999/27YG16DN</u>	<u>D38999/27YG16SA</u>