

232-001 Hermetic Receptacle, Solder Mount MIL-DTL-38999 Series I

HOW TO ORDER:

EXAMPLE: 232-001 P 9 - 35 P N

BASIC NO _____

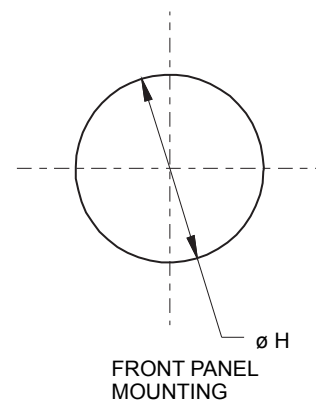
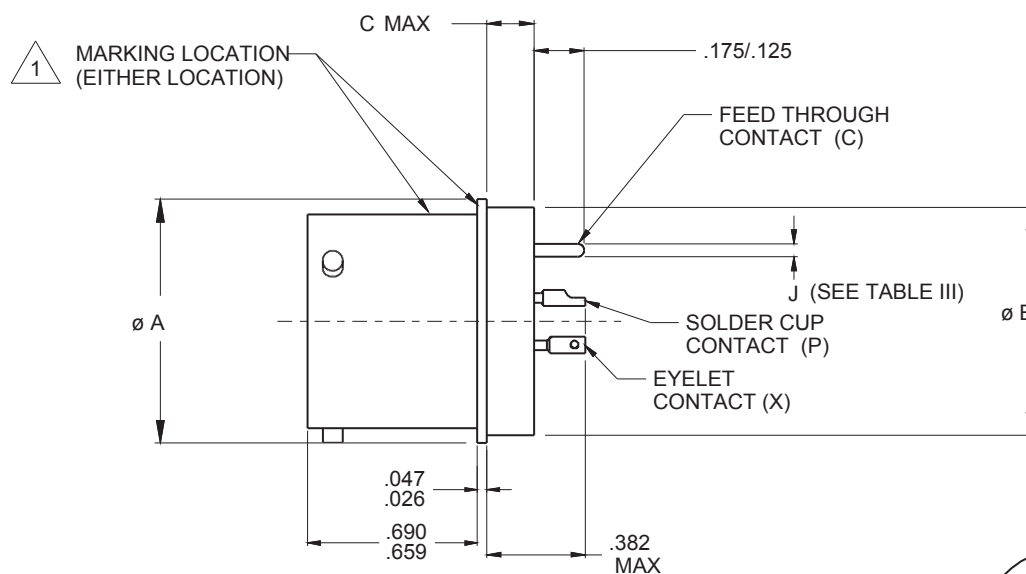
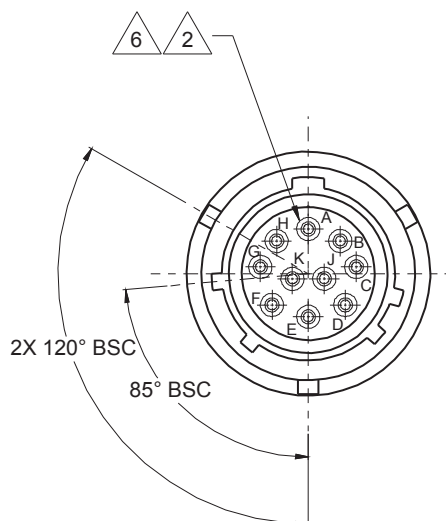
MAT'L & FINISH _____
 FT= CARBON STEEL, FUSED TIN
 P = CRES, NICKEL FINISH
 Z1 = CRES, PASSIVATED

SHELL SIZE _____

INSERT ARRANGEMENT  _____

CONTACT STYLE:
 P = PIN, SOLDER CUP
 X = PIN, EYELET
 C = PIN, FEED THROUGH

POLARIZATION _____
 A, B, C, D (N = NORMAL)



RECOMMENDED MOUNTING HOLES
FOR WALL MOUNT RECEPTACLES

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MIL-DTL-38999

TABLE II: LAYOUTS

PATTERN	22D	20	16	12
9-98		3		
9-35	6			
11-4		4		
11-5		5		
11-98		6		
11-99		7		
11-35	13			
11-2			2	
13-4			4	
13-8		8		
13-98		10		
13-35	22			
15-5			5	
15-15		14	1	
15-18		18		
15-19		19		
15-97		8	4	
15-35	37			
17-6				6
17-8			8	
17-26		26		
17-99		21	2	
17-35	55			
19-11			11	
19-28		26	2	
19-30		29	1	
19-32		32		
19-35	66			
19-45	67			
21-11				11
21-16			16	
21-24		24		
21-25		25		
21-27		27		
21-41		41		
21-39		37	2	
21-35	79			
23-35	100			
23-21			21	
23-32		32		
23-34		34		
23-36		36		
23-53		53		
23-97			16	
23-99			11	
23-55		55		
25-35	128			
25-29			29	
25-61		61		
25-4		48	8	
25-43		23	20	
25-19				19
25-24			12	12

TABLE I: CONNECTOR DIMENSIONS

SHELL SIZE	ø A ±.016 (0.4)	ø B	C MAX	ø H ±.005 (0.1)
9	.750 (19.1)	.673 (17.1) .667 (16.9)	.187 (4.7)	.680 (17.3)
11	.844 (21.4)	.782 (19.9) .776 (19.7)		.789 (20.0)
13	.969 (24.6)	.907 (23.0) .901 (22.9)		.914 (23.2)
15	1.094 (27.8)	1.032 (26.2) 1.027 (26.1)		1.038 (26.4)
17	1.218 (30.9)	1.157 (29.4) 1.151 (29.2)		1.164 (29.6)
19	1.312 (33.3)	1.251 (31.8) 1.245 (31.6)		1.258 (32.0)
21	1.438 (36.5)	1.376 (35.0) 1.370 (34.8)	.218 (5.5)	1.383 (35.1)
23	1.563 (39.7)	1.501 (38.1) 1.495 (38.0)		1.508 (38.3)
25	1.688 (42.9)	1.626 (41.3) 1.620 (41.1)		1.643 (41.7)

TABLE III: CONTACT SIZE

CONTACT SIZE	ø J
22D	.011 (0.3) .015 (0.4)
20	.024 (0.6) .028 (0.7)
16	.0635 (1.6) .0615 (1.6)
12	.095 (2.4) .093 (2.4)

NOTES:

- ASSEMBLY IDENTIFIED WITH GLENAIR'S NAME, PART NO AND DATE CODE
- INSERT ARRANGEMENTS IN ACCORDANCE WITH MIL-STD-1560, SEE TABLE II.
- GLENAIR 232-001 RECEPTACLE CONNECTOR IS DESIGNED TO MATE WITH ANY QPL MANUFACTURER'S MIL-C-38999 SERIES I PLUG CONNECTOR HAVING THE SAME INSERT ARRANGEMENT AND POLARIZATION.
- MATERIAL/FINISH:
SHELL - CRES/PASSIVATED CRES/NICKEL PLATED PER QQ-N-290, OR CARBON STEEL / FUSED TIN.
CONTACTS - NICKEL IRON ALLOY 52/GOLD PLATED
INSULATOR - FUSED VITREOUS GLASS/N.A.
SEALS - FLUOROSILICONE RUBBER/N.A.
- INSERT ARRANGEMENT SHOWN FOR REFERENCE ONLY.
- GLENAIR'S 232-001 SAME AS MS27471.