234-100-H8
Weld Mount Hermetic Receptacle
MIL-DTL-38999 Series IV Type

Glenair®

How To Order: *Commercial*

Connector Series
234 - Series IV Type

Shell Style
H8 - Hermetic Weld Mount

Shell Size
11,13,15,17,19,21,23,25

Contact Termination
P - Pin, Solder Cup *S - Socket, Solder Cup*
X - Pin, Eyelet *Z - Socket, Eyelet*
C - Pin, PCB *D - Socket, PCB*

234 - 100 - H8 Z1 11 - 35 P N

Connector Type
100 - Hermetic Receptacle

Connector Material / Finish
ZL - CRES, Nickel
Z1 - CRES, Passivated

Insert Arrangement
Per MIL-STD-1560;
See Pages B-2 - B-4

Alternate Key Position
A, B, C, D, K, L, M, R, U
(*N* = Normal)

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

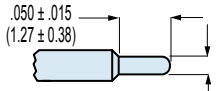
TABLE I: CONNECTOR DIMENSIONS

SHELL SIZE CODE	SHELL SIZE	ø A	ø B	ø C
B	11	1.035 (26.3) 1.024 (26.0)	1.106 (28.1) 1.094 (27.8)	.793 (20.1) .778 (19.8)
C	13	1.161 (29.5) 1.150 (29.2)	1.232 (31.3) 1.220 (31.0)	.919 (23.3) .904 (23.0)
D	15	1.287 (32.7) 1.276 (32.4)	1.358 (34.5) 1.346 (34.2)	1.044 (26.5) 1.029 (26.1)
E	17	1.374 (34.9) 1.362 (34.6)	1.445 (36.7) 1.433 (36.4)	1.170 (29.7) 1.155 (29.3)
F	19	1.520 (38.6) 1.508 (38.3)	1.591 (40.4) 1.579 (40.1)	1.294 (32.9) 1.279 (32.5)
G	21	1.661 (42.2) 1.650 (41.9)	1.732 (44.0) 1.720 (43.7)	1.419 (36.0) 1.404 (35.7)
H	23	1.827 (46.4) 1.815 (46.1)	1.898 (48.2) 1.886 (47.4)	1.544 (39.2) 1.529 (38.8)
J	25	1.913 (48.6) 1.902 (48.3)	1.984 (50.4) 1.972 (50.1)	1.669 (42.4) 1.654 (42.0)

TABLE II: CONTACT SIZE

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)

WIRE ACCOMODATION

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

Dimensions in Inches (millimeters) are subject to change without notice.

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