

232-100-H5

Solder Mount Hermetic Receptacle

MIL-DTL-38999 Series II Type



How To Order: Commercial

Connector Series
232 - Series II Type

Shell Style
H5 - Hermetic Solder Mount

Shell Size
08, 10, 12, 14, 16, 18, 20, 22, 24

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

232

- 100

- H5

Z1

10

- 35

P

N

Connector Type
100 - Hermetic Receptacle

Connector Material / Finish
ZL - CRES, Nickel
Z1 - CRES, Passivated
FT - Carbon Steel, Fused Tin

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

Alternate Key Position
A, B, C, D,
(N = Normal)

232-100-H5
Supersedes original
DLA equivalent part
number 232-002

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	ø A ± .011 (0.3)	ø B	C MAX	ø H ±.005 (0.1)
8/08	.687 (17.45)	.563 (14.3) .557 (14.1)	.125 (3.2)	.570 (14.5)
10	.797 (20.2)	.673 (17.1) .667 (16.9)		.680 (17.3)
12	.906 (23.0)	.782 (19.9) .776 (19.7)		.789 (20.0)
14	1.031 (26.2)	.907 (23.0) .901 (22.9)		.914 (23.2)
16	1.156 (29.4)	1.032 (26.2) 1.027 (26.1)		1.039 (26.4)
18	1.281 (32.5)	1.157 (29.4) 1.151 (29.2)		1.164 (29.6)
20	1.375 (34.9)	1.251 (31.8) 1.245 (31.6)		1.258 (32.0)
22	1.500 (38.1)	1.376 (35.0) 1.370 (34.8)	.156 (4.0)	1.383 (35.1)
24	1.625 (41.3)	1.501 (38.1) 1.495 (38.0)		1.508 (38.3)

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 Gauge
22D	#22 - #28
20	#20 - #24
16	#16 - #20
12	#12 - #14

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