

APPLICATION NOTES

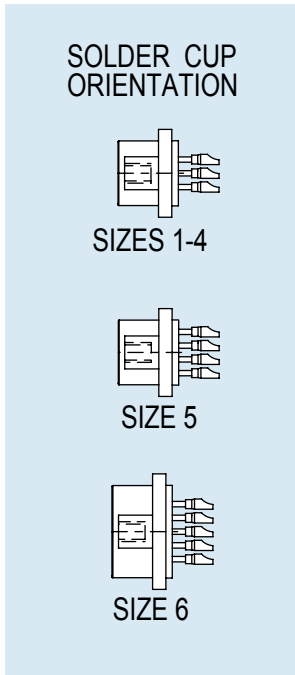
- To be identified with manufacturer's name, part number and date code, space permitting.
- Contact Style: Eyelet or solder cup (see part development).
- Material/Finish:
Shell: FT = Carbon Steel / Fused Tin
Z1 = CRES / Passivated
ZL = CRES / Nickel Plated
Insulators: Glass bead/N.A.
Contacts: Nickel-Iron Alloy / Gold Plated
- Metric dimensions (mm) are indicated in parentheses.
- Performance:
DWV - 500 VAC Pin-to-Shell
I.R. - 5,000 Megohms Min @ 500 VDC
Hermeticity - 1×10^{-5} scc He/sec @ 1 atmosphere differential.
- Glenair 287-035 will mate with any QPL MIL-DTL-24308/, /6 and /23 receptacle of the same size and arrangement.



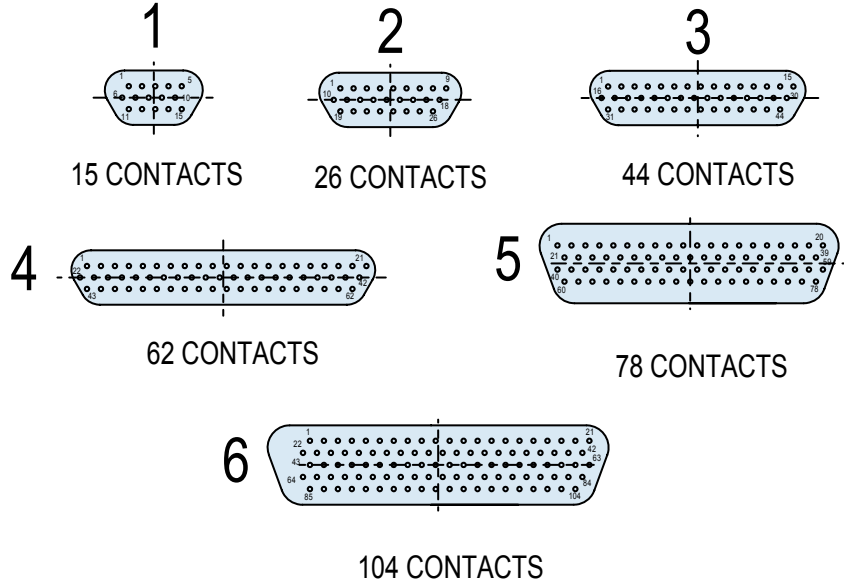
287-035
MIL-DTL-24308/9 Type Hermetic High Density
Glass-Sealed D-Subminiature Connector



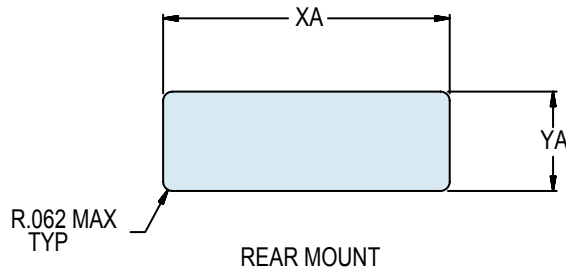
MIL-DTL
24308



CONTACT ARRANGEMENT



RECOMMENDED PANEL CUTOUT
SEE TABLE II



HERMETIC LEAK RATE MOD CODES	
Designator	Required Leak Rate
-585A	1 x 10 ⁻¹⁰ cc's Helium per second
-585B	1 x 10 ⁻⁹ cc's Helium per second
-585C	1 x 10 ⁻⁸ cc's Helium per second

TABLE I: CONNECTOR DIMENSIONS

Shell Size	Dim A	Dim B	Dim C	Dim D	Dim E	Dim F	Dim G	Dim H	Dim K
	± .015 (± 0.4)	± .005 (± 0.1)	± .005 (± 0.1)	± .004 (± 0.1)	± .010 (± 0.3)	± .010 (± 0.3)	± .005 (± 0.1)	± .010 (± 0.3)	± .010 (± 0.3)
1	1.213 (30.8)	.667 (16.9)	.984 (25.0)	.330 (8.4)	.498 (12.6)	.759 (19.3)	.422 (10.7)	.094 (2.4)	.235 (6.0)
2	1.541 (39.1)	.993 (25.2)	1.312 (33.3)	.330 (8.4)	.498 (12.6)	1.083 (27.5)	.422 (10.7)	.094 (2.4)	.235 (6.0)
3	2.088 (53.0)	1.535 (39.0)	1.852 (47.0)	.330 (8.4)	.498 (12.6)	1.625 (41.3)	.422 (10.7)	.103 (2.6)	.230 (5.8)
4	2.729 (69.3)	2.183 (55.4)	2.500 (63.5)	.330 (8.4)	.498 (12.6)	2.272 (57.7)	.422 (10.7)	.103 (2.6)	.230 (5.8)
5	2.635 (66.9)	2.079 (52.8)	2.406 (61.1)	.441 (11.2)	.610 (15.5)	2.178 (55.3)	.534 (13.6)	.103 (2.6)	.230 (5.8)
6	2.729 (69.3)	2.212 (56.2)	2.500 (63.5)	.503 (12.8)	.668 (17.0)	2.302 (58.5)	.596 (15.1)	.103 (2.6)	.230 (5.8)

TABLE II: PANEL CUT-OUT

Shell Size	Dim. XA	Dim. YA
	± .005 (.13)	
1	.775 (19.7)	.438 (11.1)
2	1.099 (27.9)	.438 (11.1)
3	1.642 (41.7)	.438 (11.1)
4	2.288 (58.1)	.438 (11.1)
5	2.194 (55.7)	.550 (14.0)
6	2.318 (58.9)	.612 (15.5)