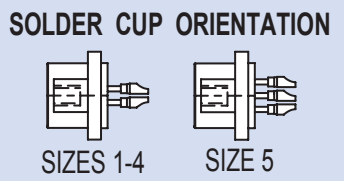
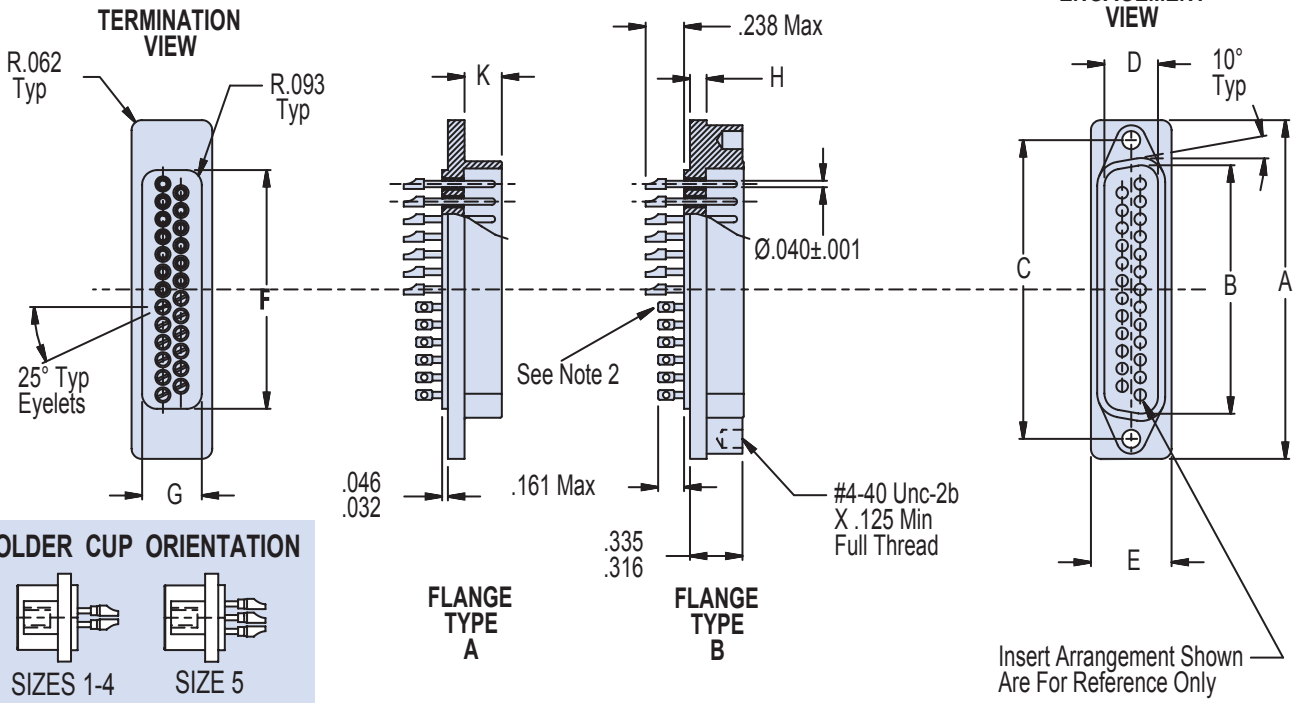
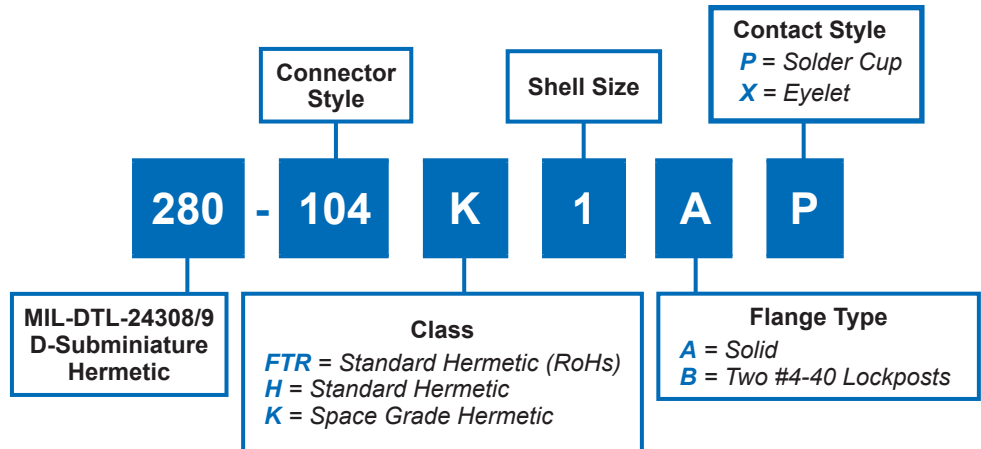




280-104 MIL-DTL-24308/9 Type Hermetic Glass-Sealed D-Subminiature Receptacle



APPLICATION NOTES

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. To be identified with manufacturer's name, part number and date code, space permitting. 2. Contact Style: Eyelet or Solder Cup (See Part Number Development). 3. Material/Finish:
Shell: H = FT - Carbon steel/tin plate.
K = Z16 = Stainless steel/nickel plated, dull finish.
FTR = Carbon steel/tin fused (RoHs compliant)
Insulators: Glass bead/N.A.
Contacts: Pins, nickel alloy/gold plated | <ol style="list-style-type: none"> 4. Performance:
DWV - 750 VAC Pin-to-Shell
I.R. - 5,000 MegOhms Min @ 500 VDC
Hermeticity <math>1 \times 10^{-7}</math> cc He/sec @ 1 atmosphere differential 5. Glenair 280-104 will mate with any QPL MIL-DTL-24308/1, /2 and /23 receptacle of the same size and arrangement. 6. All dimensions are typical for flange types "A" and "B". "C" dim is not applicable to flange type "A". 7. Metric dimensions (mm) are indicated in parentheses. |
|---|---|

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

280-104
MIL-DTL-24308/9 Type Hermetic
Glass-Sealed D-Subminiature Receptacle



MIL-DTL-24308
Type

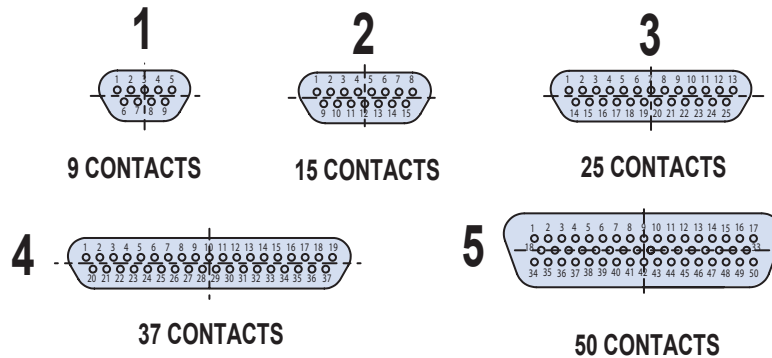


TABLE I: CONNECTOR DIMENSIONS

Shell Size	Dim A ± .015 (± 0.4)	Dim B ± .004 (± 0.1)	Dim C ± .005 (± 0.1)	Dim D ± .004 (± 0.1)	Dim E ± .010 (± 0.3)	Dim F ± .010 (± 0.3)	Dim G ± .010 (± 0.3)	Dim H ± .010 (± 0.3)	Dim K ± .006 (± 0.2)
1	1.213 (30.8)	.667 (16.9)	.984 (25.0)	.330 (8.4)	.498 (12.6)	.725 (18.4)	.369 (9.4)	.094 (2.4)	.235 (6.0)
2	1.541 (39.1)	.993 (25.2)	1.312 (33.3)	.330 (8.4)	.498 (12.6)	.932 (23.7)	.369 (9.4)	.094 (2.4)	.235 (6.0)
3	2.088 (53.1)	1.535 (39.0)	1.852 (47.0)	.330 (8.4)	.498 (12.6)	1.479 (37.6)	.369 (9.4)	.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)	2.125 (54.0)	.369 (9.4)	.103 (2.6)	.230 (5.8)
5	2.635 (66.0)	2.079 (52.8)	2.406 (61.1)	.441 (11.2)	.610 (15.5)	2.000 (50.8)	.500 (12.7)	.103 (2.6)	.230 (5.8)

RECOMMENDED PANEL CUTOUT
SEE TABLE 2

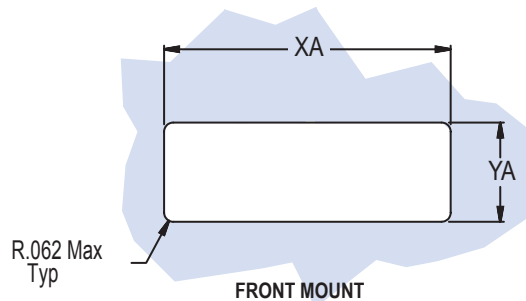


TABLE II: PANEL CUT-OUT

Shell Sizes	Style A		Style B		
	Dim XA	Dim YA	Dim XB	Dim YB	Dim C
1	.745 (18.9)	.385 (9.8)	.799 (20.0)	.462 (11.7)	.984 (25.0)
2	.950 (24.1)	.385 (9.8)	1.125 (31.8)	.462 (11.7)	1.312 (33.3)
3	1.495 (38.0)	.385 (9.8)	1.690 (42.9)	.482 (12.2)	1.852 (47.0)
4	2.145 (54.5)	.385 (9.8)	2.335 (59.3)	.482 (12.2)	2.500 (63.5)
5	2.015 (51.2)	.520 (13.2)	2.231 (56.7)	.588 (14.9)	2.406 (61.1)

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