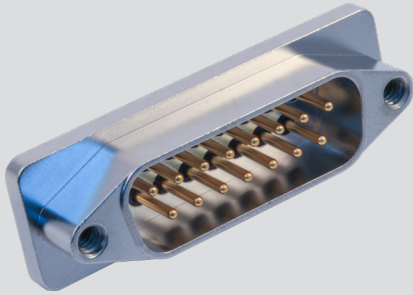


SERIES 28 MIL-DTL-24308 TYPE D-Subminiature Hermetic Connectors



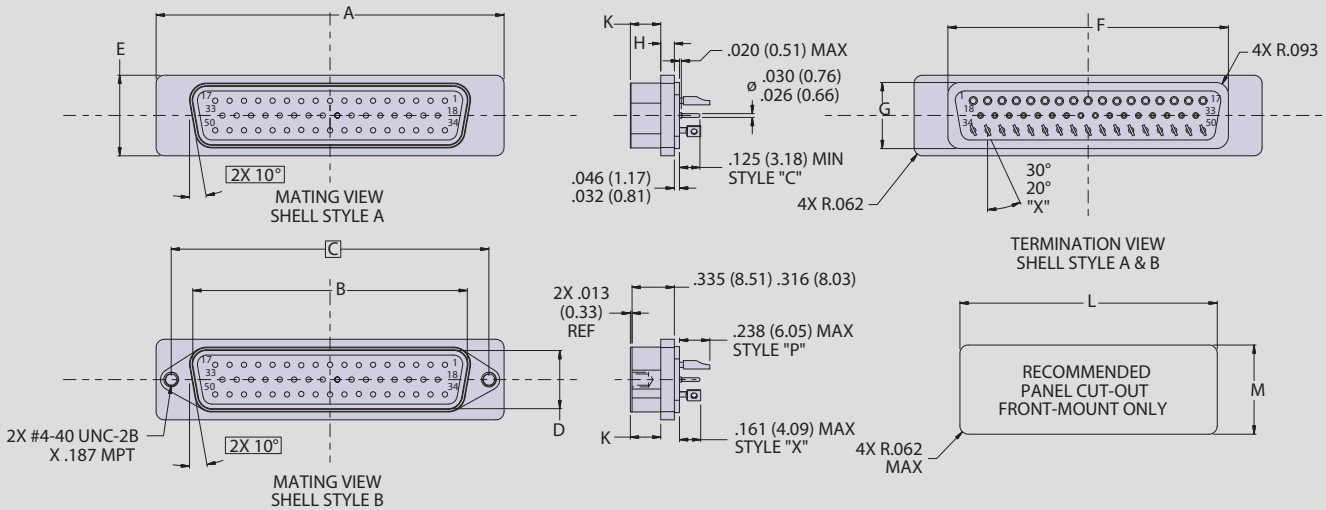
280-115 High Performance* Solder or Weld Mount Connector



* Superior Voltage and Leak performance over standard MIL-DTL-24308 Sub-miniature D hermetic connectors.

Part Number Development						
Sample Part Number	280-115	H	4	SD	B	P
Series	280-115 Hermetic Receptacle					
Class	H = Standard					
Shell Size	1, 2, 3, 4, 5					
Arrangement	SD = Standard Density Only					
Shell Style	A = No Jackpost Mount B = Integral Jackpost Mount					
Contact Type	C = P.C. Termination P = Solder Cup X = Eyelet					

SERIES 28 GLASS-TO-METAL SEAL CONNECTORS

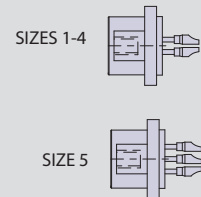


NOTES

- Testing Criteria:
 - DWV: 1000 VAC pin-to-pin & pin-to-shell
 - I.R.: 5,000 megOhms min @ 500VDC
 - Hermeticity - $< 1 \times 10^{-7}$ ccHe/sec @ 1 Atmosphere Delta P
- Glenair 280-115 will mate with any QPL MIL-

- DTL-24308 plug and receptacle of the same size and opposite contact gender
- Material / Finish:
 - Shell H: Kovar alloy / nickel plated
 - Contacts - Kovar alloy / gold plated
 - Insulator - full glass

SOLDER CUP ORIENTATION



Dimensions												
SHELL SIZES	PIN COUNT	DIM A ±.015	DIM B ±.004	DIM C ±.005	DIM D ±.004	DIM E ±.010	DIM F ±.010	DIM G ±.010	DIM H ±.010	DIM K ±.006	DIM L MIN	DIM M MIN
1	9	1.213 (30.81)	0.667 (16.94)	0.984 (24.99)	0.330 (8.38)	0.498 (12.65)	0.750 (19.05)	0.369 (9.37)	0.094 (2.39)	0.235 (5.97)	0.765 (19.43)	0.384 (9.75)
2	15	1.541 (39.14)	0.993 (25.22)	1.312 (33.32)	0.330 (8.38)	0.498 (12.65)	1.070 (27.18)	0.369 (9.37)	0.094 (2.39)	0.235 (5.97)	1.085 (27.56)	0.384 (9.75)
3	25	2.088 (53.04)	1.535 (38.99)	1.852 (47.04)	0.330 (8.38)	0.498 (12.65)	1.610 (40.89)	0.368 (9.35)	0.103 (2.62)	0.230 (5.84)	1.625 (41.28)	0.384 (9.75)
4	37	2.729 (69.32)	2.183 (55.45)	2.500 (63.50)	0.330 (8.38)	0.498 (12.65)	2.250 (57.15)	0.369 (9.37)	0.103 (2.62)	0.230 (5.84)	2.265 (57.53)	0.384 (9.75)
5	50	2.635 (66.93)	2.079 (52.81)	2.406 (61.11)	0.610 (15.49)	0.610 (15.49)	2.125 (53.98)	0.500 (12.70)	0.103 (2.62)	0.230 (5.84)	2.140 (54.36)	0.515 (13.08)