287-582 Code Red Lightweight Hermetically Sealed Feedthru Rear Panel Mount Connector

Part Number Development					
Sample Part Number	**287-582**	**3W3**	**ME**	**G**	**N**

Series - Basic Part No.	**287-582** = Lightweight Hermetically Sealed Feedthru Rear Panel Mount Connector
Insert Arrangement	See Table
Shell Finish	**ME** = Electroless Nickel Over Aluminum
Grounding Option	**G** = EMI / Grounding **N** = None
Hardware Options	**N** = None (Tapped Hole On Plug Side; Standard Female Jackpost On Standard Female Jackpost On **P** = Female Jack Post(Both Sides) **G** = Guide Pin (Both Sides) **B** = Guide Bushing (Both Sides)

MATERIALS/FINISHES:

- Shell: aluminum alloy 6061-T6 / nickel plate
- Insulators: high grade rigid dielectric / N/A
- Contact: copper alloy / gold over nickel
- Sealing compound: epoxy based polymer

NOTES

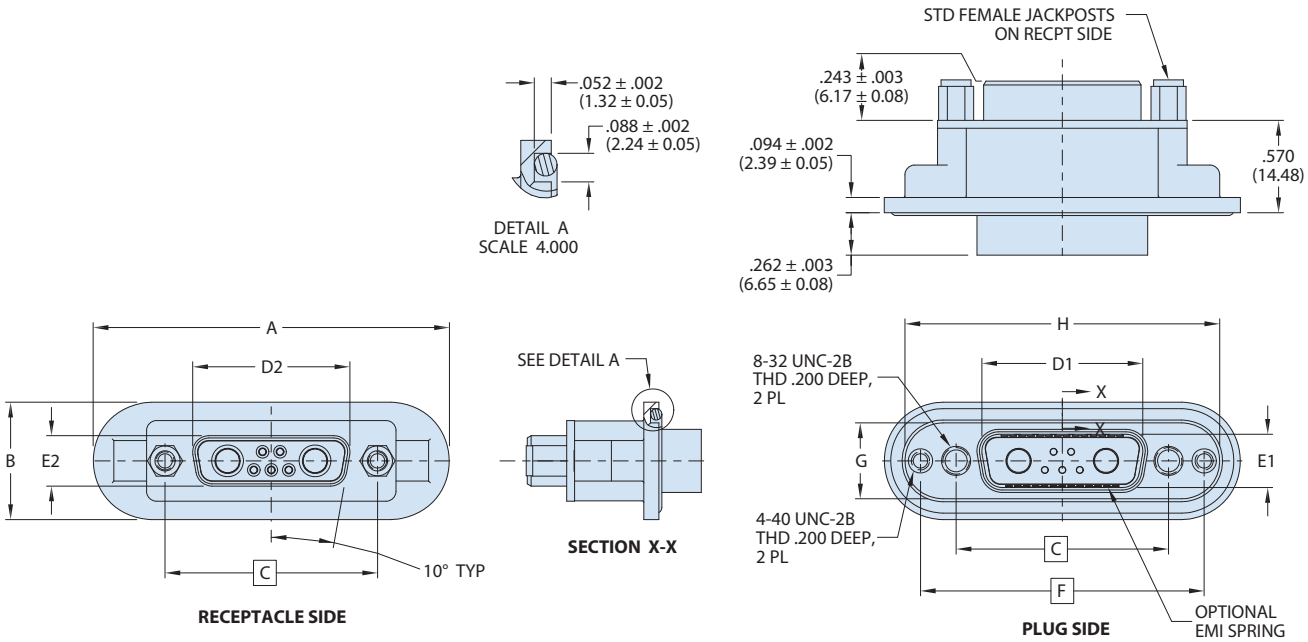
- This connector is intended to mate with any QPL MIL-DTL-24308 plug and receptacle of the same size and arrangement.
- Performance:
  - Operating temperature range: -65°C to +200°C
  - Leak rate: $1x10^{-7}$ cc/s max helium, 1 atm
  - IR: 5,000 megohms min @ 500 VDC
  - DWV: 750 VAC

Shell Size/Insert Arrangements		
Combo D Arrangements		
Size	**Layout**	**Contact Qty.**
1	2W2	2#8
	5W1	4#20, 1#8
2	3W3	3#8
	7W2	5#20, 2#8
	11W1	10#20, 1#8
3	5W5	5#8
	9W4	5#20, 4#8
	13W3	10#20, 3#8
	17W2	15#20, 2#8
	21W1	20#20, 1#8
4	8W8	8#8
	13W6	7#20, 6#8
	17W5	12#20, 5#8
	21WA4	17#20, 4#8
	25W3	22#20, 3#8
	27W2	25#20, 2#8
5	24W7	17#20, 7#8
	36W4	32#20, 4#8
	43W2	41#20, 2#8
	47W1	46#20, 1#8

Shell Size/Insert Arrangements	
Standard Density (With #20HD Contacts)	
Layout	**Contact Qty.**
1S9	9
2S15	15
3S25	25
4S37	37
5S50	50
High Density (With #22D Contacts)	
Layout	**Contact Qty.**
1H15	15
2H26	26
3H44	44
4H62	62
5H78	78
6H104	104

© 2026 Glenair, Inc • 1211 Air Way, Glendale, CA 91201 • 818-247-6000 • www.glenair.com • U.S. CAGE code 06324 • Series 28 HiPer-D Catalog
Dimensions in Inches (millimeters) are subject to change without notice.

287-582 Code Red Lightweight Hermetically Sealed Feedthru Rear Panel Mount Connector



Dimensions										
Shell Size	Dim A ±.015	Dim B ±.015	Dim C Bsc	Dim D1 ±.005	Dim D2 ±.005	Dim E1 ±.005	Dim E2 ±.005	Dim F Bsc	Dim G ±.015	Dim H ±.015
1	1.865 (47.37)	.725 (18.42)	.984 (24.99)	.666 (16.92)	.643 (16.33)	.329 (8.36)	.311 (7.90)	1.424 (36.17)	.469 (11.91)	1.609 (40.87)
2	2.200 (55.88)	.725 (18.42)	1.312 (33.32)	.994 (25.25)	.971 (24.66)	.329 (8.36)	.311 (7.90)	1.752 (44.50)	.469 (11.91)	1.944 (49.38)
3	2.736 (69.49)	.725 (18.42)	1.852 (47.04)	1.534 (38.96)	1.511 (38.38)	.329 (8.36)	.311 (7.90)	2.292 (58.22)	.469 (11.91)	2.480 (62.99)
4	3.385 (85.98)	.725 (18.42)	2.500 (63.50)	2.182 (55.42)	2.159 (54.84)	.329 (8.36)	.311 (7.90)	2.940 (74.68)	.469 (11.91)	3.129 (79.48)
5	3.289 (83.54)	.837 (21.26)	2.406 (61.11)	2.079 (52.81)	2.064 (52.43)	.441 (11.20)	.423 (10.74)	2.846 (72.29)	.581 (14.76)	3.033 (77.04)
6	3.383 (85.93)	.899 (22.83)	2.500 (63.50)	2.212 (56.18)	2.189 (55.60)	.503 (12.78)	.485 (12.32)	2.940 (74.68)	.643 (16.33)	3.127 (79.43)

© 2026 Glenair, Inc • 1211 Air Way, Glendale, CA 91201 • 818-247-6000 • www.glenair.com • U.S. CAGE code 06324 • Series 28 HiPer-D Catalog

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