287-826 D-Subminiature Connector with Front Mount O-Ring Seal

Part Number Development

Sample Part Number	287-826	H	1	A	P	-1

Series - Basic Part No.	**287-826** = D-Subminiature Connector with Front Mount O-Ring Seal
Class	**H** = Standard Kovar
Shell Size	See Tables I and II
Flange Type	**A** = Solid **B** = Two #4-40 Lockposts **C** = Two #4-40 Lockposts with Two #4-40 Rear Mt Holes.
Contact Style	**P** = Solder Pot **X** = Eyelet **C** = PC Tail
O-Ring Material	Specify Per Table III (Omit for Viton)

MATERIALS/FINISHES:

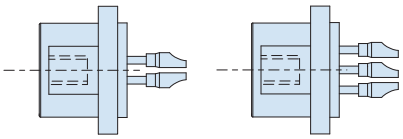
- Shell: H = kover alloy / nickel plated
- Insulators: glass bead/none
- Contacts: Class H = kovar alloy / gold plated
- O-ring: specify

NOTES

- All dimensions are typical for flange types "A" and "B". "C" dim is not applicable to flange type "A"
- Glenair 287-826 will mate with any QPL MIL-DTL-24308/1, /2, and /23 receptacle of the same size and arrangement
- Performance:
  - DWV: 750 VAC pin-to-shell
  - I.R: 5,000 megohms min @ 500VDC
  - Hermeticity: 1 x 10^{-7} sccHe/sec @ 1 atmosphere differential

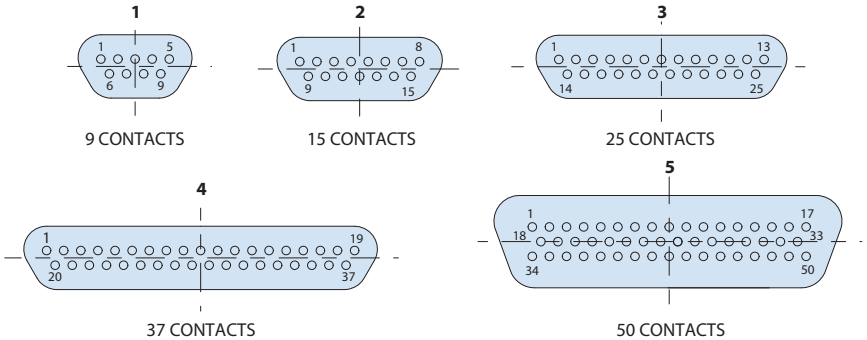
Hermetic Leak Rate Mod Codes	
Designator	**O-Ring Material**
	Omit For Viton
1	Nitrile
2	Fluorosilicone
3	Silicone
4	Ethylene Propylene (Epdm)
CE*	Conductive Epdm
CF*	Conductive Fluorosilicone
CS*	Conductive Silicone

SOLDER CUP ORIENTATION



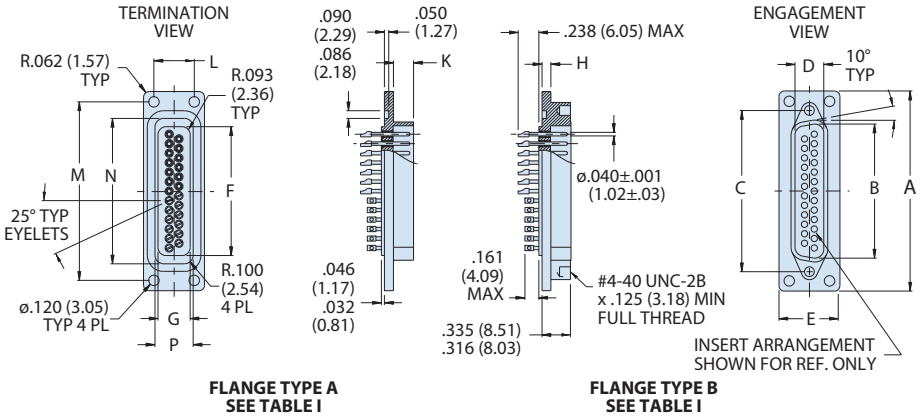
SIZES 1-4 SIZE 5

CONTACT ARRANGEMENT



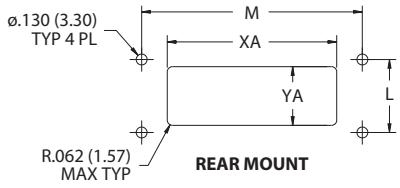
© 2026 Glenair, Inc • 1211 Air Way, Glendale, CA 91201 • 818-247-6000 • www.glenair.com • U.S. CAGE code 06324 • Series 28 HiPer-D Catalog
Dimensions in Inches (millimeters) are subject to change without notice.

287-826 D-Subminiature Connector with Front Mount O-Ring Seal



DIMENSIONS														
Shell Size	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	L Bsc	M Bsc	N ±.005	P ±.005	O-Ring Reqd
1	1.413 (35.89)	.667 (16.94)	.984 (24.99)	.330 (8.38)	.698 (17.73)	.725 (18.42)	.369 (9.37)	.094 (2.39)	.235 (5.97)	.462 (11.73)	1.177 (29.90)	.805 (20.45)	.440 (11.18)	2-018
2	1.741 (44.22)	.993 (25.22)	1.312 (33.32)	.330 (8.38)	.698 (17.73)	.932 (23.67)	.369 (9.37)	.094 (2.39)	.235 (5.97)	.462 (11.73)	1.499 (38.07)	1.002 (25.45)	.440 (11.18)	2-020
3	2.288 (58.12)	1.535 (38.99)	1.852 (47.04)	.330 (8.38)	.698 (17.73)	1.479 (37.57)	.369 (9.37)	.103 (2.62)	.230 (5.84)	.462 (11.73)	1.972 (50.09)	1.589 (40.36)	.440 (11.18)	2-026
4	2.929 (74.40)	2.183 (55.45)	2.500 (63.50)	.330 (8.38)	.698 (17.73)	2.125 (53.98)	.369 (9.37)	.103 (2.62)	.230 (5.84)	.462 (11.73)	2.693 (68.40)	2.183 (55.45)	.440 (11.18)	2-030
5	2.835 (72.01)	2.079 (52.81)	2.406 (61.11)	.441 (11.20)	.810 (20.57)	2.000 (50.80)	.500 (12.70)	.103 (2.62)	.230 (5.84)	.654 (16.61)	2.599 (66.01)	2.250 (57.15)	.570 (14.48)	2-031

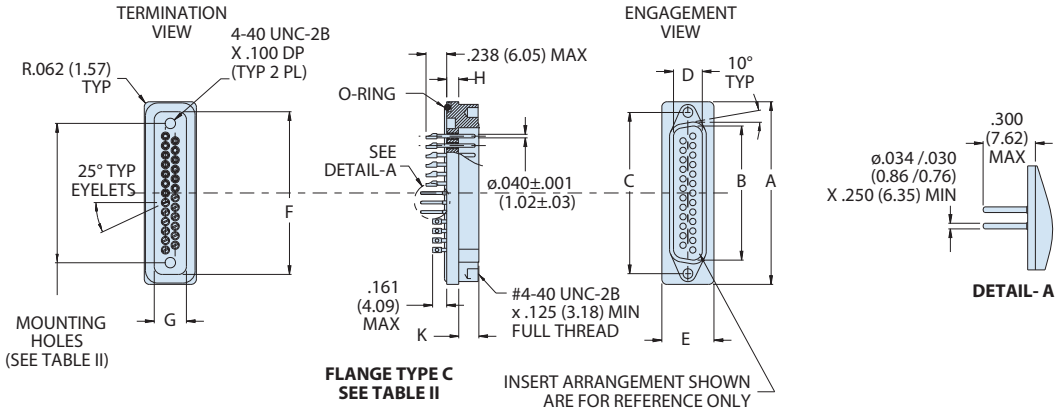
PANEL CUT-OUT DIMENSIONS - STYLEs A and B



Shell Sizes	Style A			
	Dim. XA	Dim. YA	Dim. L	Dim. M
1	.745 (18.92)	.385 (9.78)	.462 (11.73)	1.177 (29.90)
2	.950 (24.13)	.385 (9.78)	.462 (11.73)	1.499 (38.07)
3	1.495 (37.97)	.385 (9.78)	.462 (11.73)	1.972 (50.09)
4	2.145 (54.48)	.385 (9.78)	.462 (11.73)	2.693 (68.40)
5	2.015 (51.18)	.520 (13.21)	.654 (16.61)	2.599 (66.01)

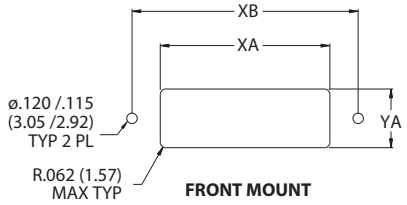
© 2026 Glenair, Inc • 1211 Air Way, Glendale, CA 91201 • 818-247-6000 • www.glenair.com • U.S. CAGE code 06324 • Series 28 HiPer-D Catalog
Dimensions in Inches (millimeters) are subject to change without notice.

287-826 D-Subminiature Connector with Front Mount O-Ring Seal



Dimensions										
Shell Size	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	O-Ring
1	1.213 (30.81)	.667 (16.94)	.984 (24.99)	.330 (8.38)	.600 (15.24)	.874 (22.20)	.272 (6.91)	.155 (3.94)	.235 (5.97)	2-017
2	1.541 (39.14)	.993 (25.22)	1.312 (33.32)	.330 (8.38)	.600 (15.24)	1.270 (32.26)	.372 (9.45)	.155 (3.94)	.235 (5.97)	2-022
3	2.088 (53.04)	1.535 (38.99)	1.852 (47.04)	.330 (8.38)	.600 (15.24)	1.760 (44.70)	.372 (9.45)	.160 (4.06)	.230 (5.84)	2-027
4	2.729 (69.32)	2.183 (55.45)	2.500 (63.50)	.330 (8.38)	.600 (15.24)	2.418 (61.42)	.372 (9.45)	.160 (4.06)	.230 (5.84)	2-031
5	2.635 (66.93)	2.079 (52.81)	2.406 (61.11)	.441 (11.20)	.610 (15.49)	2.418 (61.42)	.372 (9.45)	.160 (4.06)	.230 (5.84)	2-031

Panel Cut-Out Dimensions - Style C



Shell Sizes	Dim. XA ±.005	Dim. YA ±.005	Dim. XB Basic
1	.520 (13.21)	.220 (5.59)	.674 (17.12)
2	.850 (21.59)	.300 (7.62)	1.070 (27.18)
3	1.380 (35.05)	.300 (7.62)	1.560 (39.62)
4	2.035 (51.69)	.300 (7.62)	2.200 (55.88)
5	1.850 (46.99)	.320 (8.13)	2.200 (55.88)

© 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.