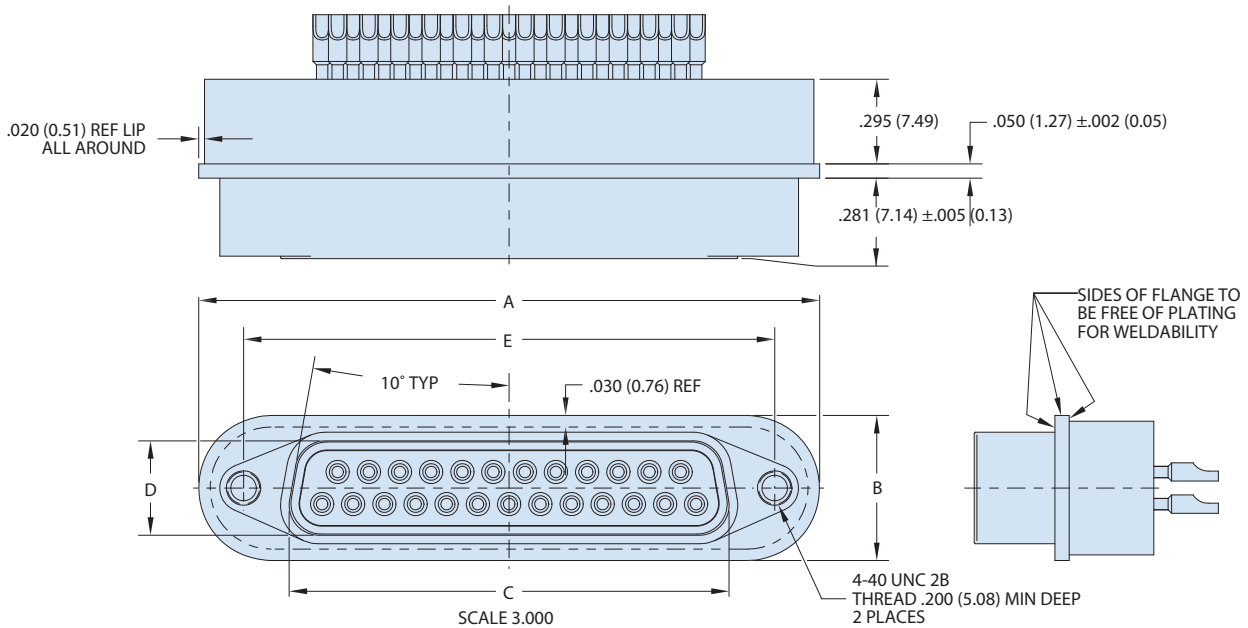


SERIES 28 • MIL-DTL-24308 TYPE  
**HiPer-D<sup>®</sup> Hermetic Connectors**



**287-725 CODE RED, Lightweight Hermetically Sealed,  
 D-Sub Mid Flanged Laser Weldable**

Part Number Development					
Sample Part Number	287-726	P	3S25	ME	A
Series	287-726 = Code Red, Lightweight Hermetically Sealed, D-Sub Mid Flanged Laser Weldable				
Class	P = Pin Contacts				
Shell Size/Insert Arrangements	See Insert Arrangements table				
Shell Finish	ME = Electroless Nickel				
Contact Type	A = Solder Cup    B = PC Tail				



Dimensions							
Shell Size	Dim A ±.002	Dim B ±.002	Dim C ±.005	Dim D ±.005	Dim E ±.005	Dim F ±.001	Dim G ±.001
1	1.297 (32.94)	.506 (12.85)	.666 (16.92)	.329 (8.36)	.984 (24.99)	1.300 (33.02)	.509 (12.93)
2	1.625 (41.28)	.506 (12.85)	.994 (25.25)	.329 (8.36)	1.312 (33.32)	1.628 (41.35)	.509 (12.93)
3	2.165 (54.99)	.506 (12.85)	1.534 (38.96)	.329 (8.36)	1.852 (47.04)	2.168 (55.07)	.509 (12.93)
4	2.814 (71.48)	.506 (12.85)	2.182 (55.42)	.329 (8.36)	2.500 (63.50)	2.817 (71.55)	.509 (12.93)
5	2.720 (69.09)	.618 (15.70)	2.079 (52.81)	.441 (11.20)	2.406 (61.11)	2.723 (69.16)	.621 (15.77)

**MATERIALS / FINISHES**

1. Shell: aluminum alloy 4032 / see part number development
2. Insulators: high grade rigid dielectric
3. Interfacial seal: fluorosilicone
4. Contact: copper alloy / gold over nickel
5. Sealing compound: polymer-based potting

**PERFORMANCE**

1. Operating temperature range: -65°C to +125°C
2. Leak rate: 1x10<sup>-7</sup> cc/s max helium, 1 atm
3. IR: 5,000 megohms min @ 500 vdc
4. DWV: 750 vac

**Standard Density Insert Arrangements (With #20 Contacts)**

Layout	Contact Quantity
1S9	9
2S15	15
3S25	25
4S37	37
5S50	50

**Combo-D Arrangements (With #8 Contacts)**

Layout	Contact Quantity
1-2P2	2 #8
2-3P3	3 #8
3-5P5	5 #8
4-8P8	8 #8

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