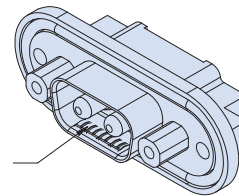
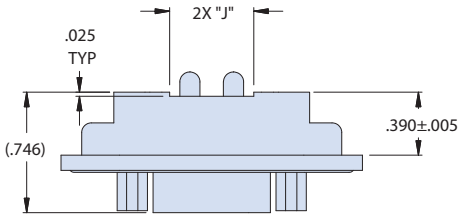




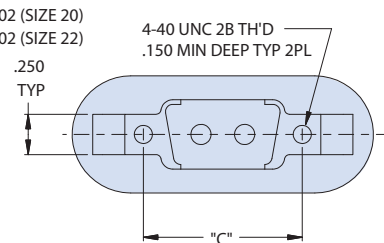
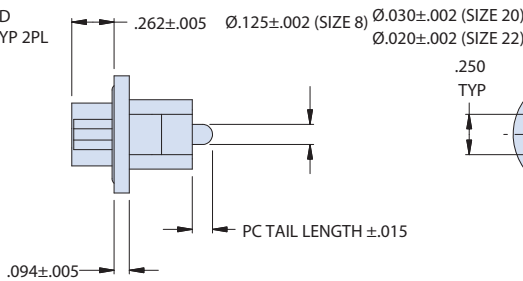
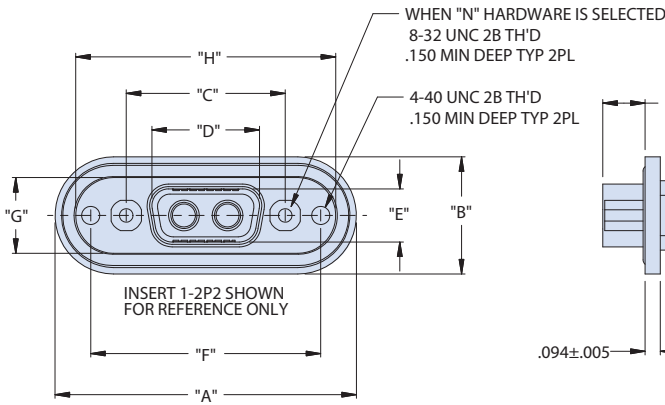
287-500
HiPer-D Advanced M24308/9 Type
CODE RED Lightweight Hermetic, Plug with Straight PC Tails

Part Number Development						
Sample Part Number	287-500	P	1-2P2	Z1	G	P A
Series / Basic Part No.	HiPer-D advanced M24308-Type CODE RED Lightweight Hermetic					
Contact	P = Pin					
Shell Size / Contact Arrangement	See Tables					
Shell Finish	ME = Electroless Nickel over Aluminum MT = Nickel Fluorocarbon over Aluminum Z1 = Passivated Stainless ZM = Electroless Nickel over Stainless JF - Yellow Chromate over Cadmium					
Grounding Option	G = EMI Grounding N = None					
Hardware Options	N = None (tapped hole) P = 4-40 Female Jack Post G = Guide Pin B = Guide Bushing					
PC Tail Length	A = .125 B = .250 D = .188					

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GROUND SPRING OPTION



MATERIALS/FINISHES

- Shell - see P/N development
- Inserts - Thermoset Epoxy
- Interfacial/peripheral seal - Fluorosilicone
- Contacts - Copper alloy / gold over nickel
- Sealing Compound - Silicone-based polymer

PERFORMANCE

- Dielectric Withstanding Voltage: 1000 Volts
- Insulation Resistance: 5000 Megohms min. @ 500 VDC
- Operating Temperature Range: -65° C to +200° C
- Leak Rate: 1X10⁻⁷ cc/s max helium, 1 atm

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

287-500
HiPer-D Advanced M24308/9 Type
CODE RED Lightweight Hermetic, Plug with Straight PC Tails



MIL-DTL-24308
Type

HiPer-D Contact Arrangements			HiPer-D Combo Contact Arrangements		
Shell Size- Contact Arr.	Contact Size and Qty		Shell Size- Contact Arr.	Contact Size and Qty	
	#20	#22		#20	#8
Standard Density			1-2P2		2
1S9	9		1-5P1	4	1
2S15	15		2-3P3		3
3S25	25		2-7P2	5	2
4S37	37		2-11P1	10	1
5S50	50		3-5P5		5
High Density			3-9P4	5	4
1H15		15	3-13P3	10	3
2H26		26	3-17P2	15	2
3H44		44	3-21P1	20	1
4H62		62	4-8P8		8
5H78		78	4-13P6	7	6
6H104		104	4-17P5	12	5
			4-21PA4	17	4
			4-25P3	22	3
			4-27P2	25	2
			5-24P7	17	7
			5-36P4	32	4
			5-43P2	41	2
			5-47P1	46	1

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Dimensions																				
Shell Size	Insert Pattern	A ±.015		B ±.015		C ±.005		D ±.005		E ±.005		F ±.005		G ±.015		H ±.015		J ±.015		Contact P/N
		In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	
1	SD9	1.865	47.4	.725	18.4	.984	25.0	.666	16.9	.329	8.4	1.424	36.2	.469	11.9	1.609	40.9	.520	13.2	M39029/64-369
	HD15																			M39029/58-360
2	SD15	2.200	55.9	.725	18.4	1.312	33.3	.994	25.2	.329	8.4	1.752	44.5	.469	11.9	1.944	49.4	.844	21.4	M39029/64-369
	HD26																			M39029/58-360
3	SD25	2.736	69.5	.725	18.4	1.852	47.0	1.534	39.0	.329	8.4	2.292	58.2	.469	11.9	2.480	63.0	1.386	35.2	M39029/64-369
	HD44																			M39029/58-360
4	SD37	3.385	86.0	.725	18.4	2.500	63.5	2.182	55.4	.329	8.4	2.940	74.7	.469	11.9	3.129	79.5	2.034	51.7	M39029/64-369
	HD62																			M39029/58-360
5	SD50	3.289	83.5	.837	21.3	2.406	61.1	2.079	52.8	.441	11.2	2.846	72.3	.581	14.8	3.033	77.0	1.887	47.9	M39029/64-369
	HD78																			M39029/58-360
6	HD104	3.383	85.9	.899	22.8	2.500	63.5	2.212	56.2	.503	12.8	2.940	74.7	.643	16.3	3.127	79.4	1.990	50.5	M39029/58-360

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