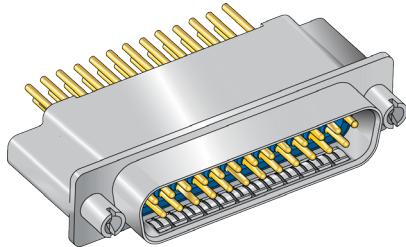


SERIES 28

## HiPer-D® Standard and High-Density Connectors



## 280-026P straight PC tail pin connectors with low profile mounting flange



Low profile HiPer-D® straight PC tail pin connectors feature non-removable size #20 or #22 contacts. Intermateable with standard M24308-type D-Subminiature connectors, the HiPer-D® features a rugged machined shell, waterproof sealing and optional ground springs for improved resistance to electromagnetic interference. Threaded holes on the rear of the connector allow attachment to circuit board. Contacts are potted with epoxy. Aluminum shell. Glass-reinforced thermoset epoxy insulators, fluorosilicone face seal. 1000 VAC, 5 Amps (#22) or 7.5 Amps (#20).

How To Order									
Sample Part Number				280-026P	5S50	JF	N	P	B
Basic Part Number		280-026P							
Shell Size-Contact Arrangement		See Shell Size - Contact Arrangements Table							
Shell Finish		<b>ME</b> = Electroless Nickel (RoHS) <b>JF</b> = Cadmium with Yellow Chromate <b>Z1</b> = Passivated Stainless Steel (RoHS)				<b>MT</b> = Nickel-PTFE (RoHS) <b>Z2</b> = Gold (RoHS)			
Ground Spring		<b>G</b> = Supplied with EMI Ground Spring				<b>N</b> = No Ground Spring			
Mating Hardware		<b>N</b> = No Hardware (supplied with #4-40 tapped holes)				<b>P</b> = #4-40 Female Jackposts			
PC Tail Length		<b>A</b> = .125 (3.18) Tail Length				<b>B</b> = .250 (6.35) Tail Length			

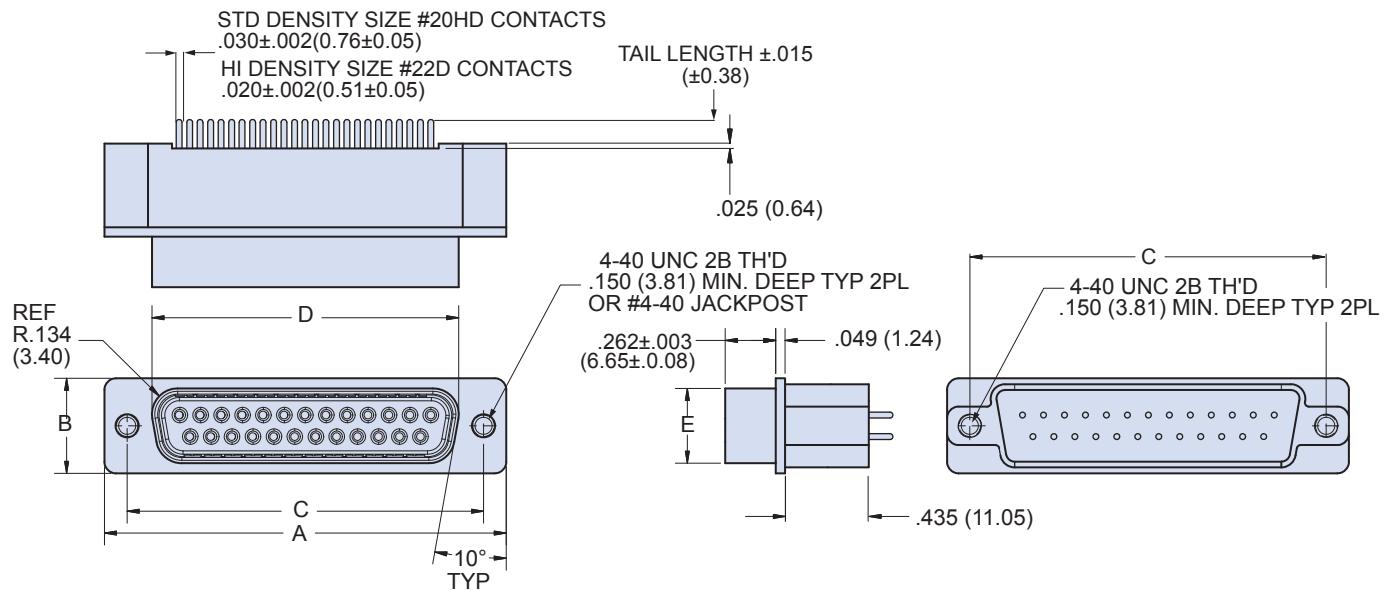
Shell Size - Contact Arrangements		
Shell Size-Contact Arr.	Contact Size and Qty	
	#20	#22
<b>Standard Density</b>		
<b>1S9</b>	9	
<b>2S15</b>	15	
<b>3S25</b>	25	
<b>4S37</b>	37	
<b>5S50</b>	50	
<b>High Density</b>		
<b>1H15</b>		15
<b>2H26</b>		26
<b>3H44</b>		44
<b>4H62</b>		62
<b>5H78</b>		78
<b>6H104</b>		104

Mating Hardware	
<b>N</b>	No Hardware #4-40 Female Threads in Mounting Holes
<b>P</b>	#4-40 Female Jackposts
Choose this option for rear panel mounting and order jackpost kit 289-016 separately.	

Materials and Finishes	
Shell	Aluminum alloy
Contacts	Copper alloy, 50 microin. gold plated
Insulator	Thermoset epoxy
Potting Compound	Epoxy
Face Seal	Fluorosilicone rubber
Hardware	300 series stainless steel

Specifications	
Current Rating	#22 5 AMPS, #20 7.5 AMPS
Test Voltage	1000 VAC RMS
Insulation Resistance	5000 megohms minimum
Operating Temperature	-65° C. to +200° C.
Ingress Protection	IP 67
Shock	300 g.
Vibration, Random	43.92 g.

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**280-026P DIMENSIONS**


B

Shell Size	A		B		C Basic		D		E	
	in ± .015	mm ± 0.38	in ± .015	mm ± 0.38	in.	mm	in ± .005	mm ± 0.13	in ± .005	mm ± 0.13
1	1.213	30.81	.494	12.55	.984	24.99	.726	18.44	.389	9.88
2	1.541	39.14	.494	12.55	1.312	33.32	1.054	26.77	.389	9.88
3	2.088	53.04	.494	12.55	1.852	47.04	1.594	40.49	.389	9.88
4	2.729	69.32	.494	12.55	2.500	63.50	2.242	56.95	.389	9.88
5	2.635	66.93	.605	15.37	2.406	61.11	2.139	54.33	.501	12.73
6	2.729	69.32	.668	16.97	2.500	63.50	2.272	57.71	.563	14.30

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**NOTES**

1. Contacts are factory-installed, non-removable and are potted with epoxy.
2. HiPer-D® connectors are available with a wide variety of materials and finishes. See [About Series 28 HiPer-D® Shell Plating Options](#) for additional choices . Glenair offers the industry's widest selection of plating and material choices with no setup charge, no minimum order quantity and no schedule impact.
3. For panel cutout dimensions, refer to [Panel Cutouts and Printed Circuit Board Footprints](#).
4. For printed circuit board mounting dimensions, refer to [Panel Cutouts and Printed Circuit Board Footprints](#).
5. HiPer-D® connectors meet the requirements of MIL-DTL-24308 and are intermateable with standard M24308-type D-Subminiature connectors with corresponding contact arrangements and type.
6. Additional electrical, mechanical and environmental specifications are listed in [HiPer-D® Product Specification](#).