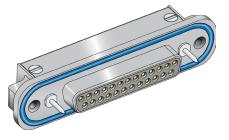
SERIES 28 HiPer-D[®] Standard and High-Density Connectors



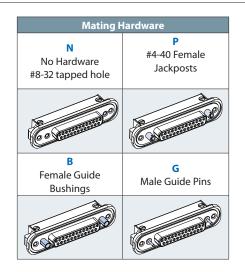
280-025S right angle PC tail socket connectors with O-ring flange for rear panel mounting



Rear panel mount HiPer-D[®] right angle PC tail socket connectors feature rugged one-piece machined aluminum shell and aluminum alloy cover for improved EMI protection. Contacts are non-removable size #20 or #22. Flange O-ring provides panel seal. Intermateable with standard M24308-type D-Subminiature connectors, the HiPer-D[®] features environmental sealing and optional blind mate hardware. #4-40 threaded mounting holes simplify panel attachment. Threaded holes on the bottom of the connector allow attachment to circuit board. Contacts are potted with epoxy. Glass-reinforced thermoset epoxy insulators. 1000 VAC, 5 Amps (#22) or 7.5 Amps (#20).

How To Order						
Sample Part Number		280-0255	5H78	МТ	G	в
Basic Part Number						
Shell Size- Contact Arrangement	See Shell Size - Contact Arrangements Table					
Shell Finish	ME = Electroless Nickel JF = Cadmium with Yellow Chromate Z1 = Passivated Stainless Steel	MT = Nickel-PTFE Z2 = Gold		-		
Mating Hardware	N = No Hardware (supplied with #8-32 tapped holes) G = Male Guide Pins	P = #4-40 Female Jackposts B = Female Guide Bushings				
PC Tail Length	A = .125 (3.18) Tail Length	B = .250 (6.35) Tail Length				

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



Materials and Finishes		
Shell	Aluminum alloy	
Contacts	Copper alloy, 50 microin. gold plated	
Insulator	Thermoset epoxy	
Potting Compound	Ероху	
O-ring	Fluorosilicone rubber	
Hardware	300 series stainless steel	

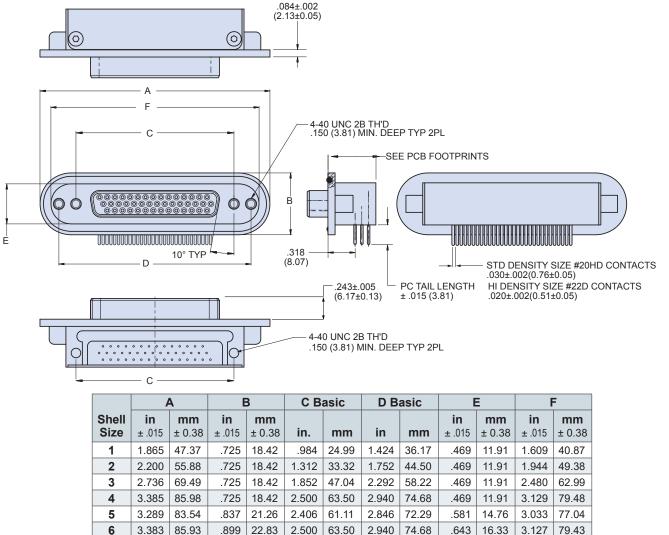
Specifications			
Current Rating	#22 5 AMPS, #20 7.5 AMPS		
Test Voltage	1000 VAC RMS		
Insulation Resistance	5000 megohms minimum		
Operating Temperature	-65° C. to +200° C.		
Ingress Protection	IP 67		
Shock	300 g.		
Vibration, Random	43.92 g.		

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280-025S DIMENSIONS



NOTES

- 1. Contacts are factory-installed, non-removable and are potted with epoxy.
- 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*.