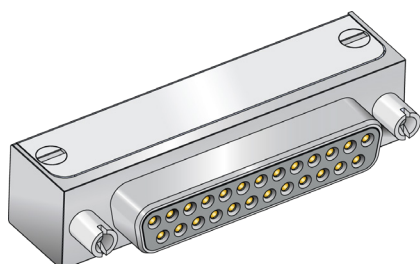


280-029S right angle PC tail socket connectors with low profile mounting flange



Low profile right angle PC tail HiPer-D® socket connectors feature rugged machined aluminum shell and aluminum alloy cover for improved EMI protection. Contacts are non-removable size, #20 or #22. Intermateable with standard M24308-type D-Subminiature connectors, the HiPer-D® features epoxy potting for environmental sealing. Threaded holes on the rear of the connector allow attachment to circuit board. Glass-reinforced thermoset epoxy insulators. 1000 VAC, 5 Amps (#22) or 7.5 Amps (#20).

B

How To Order					
Sample Part Number	280-029S	3S25	JF	P	A
Basic Part Number	280-029S				
Shell Size-Contact Arrangement	See Shell Size - Contact Arrangements Table				
Shell Finish	ME = Electroless Nickel MT = Nickel-PTFE JF = Cadmium with Yellow Chromate Z2 = Gold Z1 = Passivated Stainless Steel				
Mating Hardware	N = No Hardware (supplied with #4-40 tapped holes) P = #4-40 Female Jackposts				
PC Tail Length	A = .125 (3.18) Tail Length B = .250 (6.35) Tail Length				

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

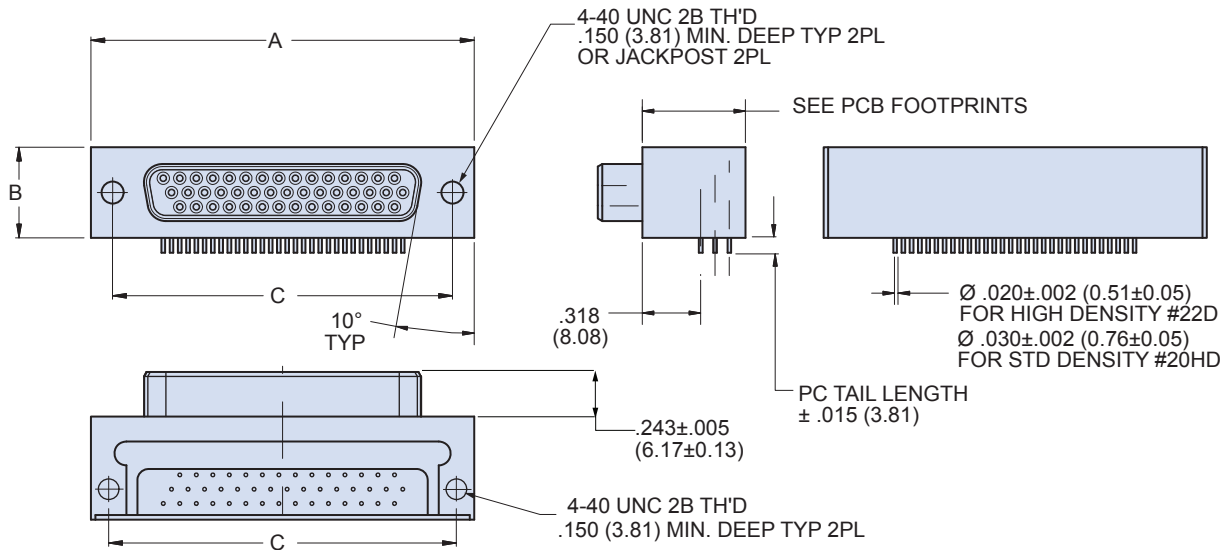
Mating Hardware
N No Hardware #4-40 Female Threads in Mounting Holes
Choose this option for rear panel mounting and order jackpost kit 289-016 separately.
P #4-40 Female Jackposts

Materials and Finishes	
Shell	Aluminum alloy
Contacts	Copper alloy, 50 microinches gold plated
Insulator	Thermoset epoxy
Potting Compound	Epoxy
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.

280-029S right angle PC tail socket connectors with low profile mounting flange

280-029S DIMENSIONS



Shell Size	A		B		C Basic	
	in $\pm .015$	mm ± 0.38	in $\pm .015$	mm ± 0.38	in. $\pm .015$	mm ± 0.38
1	1.213	30.81	.494	12.55	.984	24.99
2	1.541	39.14	.494	12.55	1.312	33.32
3	2.088	53.04	.494	12.55	1.852	47.04
4	2.729	69.32	.494	12.55	2.500	63.50
5	2.635	66.93	.605	15.37	2.406	61.11
6	2.729	69.32	.668	16.97	2.500	63.50

NOTES

- 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.
- For panel cutout dimensions, refer to [Panel Cutouts and Printed Circuit Board Footprints](#).
- For printed circuit board mounting dimensions, refer to [Panel Cutouts and Printed Circuit Board Footprints](#).
- HiPer-D® connectors meet the requirements of MIL-DTL-24308 and are interchangeable with standard M24308-type D-Subminiature connectors with corresponding contact arrangements and type.
- Additional electrical, mechanical and environmental specifications are listed in [HiPer-D® Product Specification](#).