

Series 800 Mighty Mouse UN Mating Thread Right Angle Printed Circuit Board Receptacle Headers 800-032 Ordering Information



Series 800



Printed Circuit Board Right Angle I/O Header features gold-plated size #23 contacts. UN mating thread, and aluminum or stainless steel shells. Rubber seal protects mated connectors from water ingress. 5 amp current rating, 500 VAC voltage rating. Contacts are factory-installed and are non-removable. Thermoplastic rear housing has #2-56 threaded inserts for attaching to circuit board with customer-supplied mounting screws. Connectors attach to chassis or panel with low-profile jam nut and O-ring. Available in six contact arrangements, these right angle headers are ideal for hostile environments where 100/100BASE-T Ethernet applications where commercial-grade RJ-45 jacks are not advised.

How To Order	
Sample Part Number	800-032 -07 M 7-10 P Z
Series	800-032 PCB Receptacle
Shell Style	-07 = Jam Nut
Shell Material and Finish	<p>C = Aluminum / Black Anodize (Non-Conductive) RoHS Compliant</p> <p>M = Aluminum / Electroless Nickel RoHS Compliant</p> <p>NF = Aluminum / Cadmium with Olive Drab Chromate</p> <p>ZNU = Aluminum / Zinc-Nickel with Black Chromate</p> <p>MT = Aluminum / Nickel-PTFE RoHS Compliant</p> <p>Z1 = Stainless Steel / Passivated RoHS Compliant</p>
Shell Size - Insert Arrangement	5-3, 6-1, 6-4, 6-6, 6-7, 7-1, 7-10, 8-2, 8-13, 9-4, 9-19, 9-200, 10-2, 10-5, 10-201
Contact Type	P = Pin, PC Tail S = Socket, PC Tail
Shell Key Position (See Table I)	N = Normal X = Pos. X Y = Pos. Y Z = Pos. Z

Recommended Panel Cutout				
<p>SHELL SIZE 5, 6, 7, 9</p>				
<p>SHELL SIZE 8</p>				
Shell Size	A Flat	øB		
	In.	mm.	In.	mm.
5	+0.004/-0.000	+0.10/-0.00	±0.005	±0.13
6	.358	9.14	.385	9.78
7-1	.417	10.64	.447	11.35
7-10	.417	10.64	.449	11.40
8	.479	12.22	.510	12.95
9	.536	13.67	.572	14.53
10	.610	15.49	.635	16.13

Table I: Shell Key Positions			
Key Position	Key Rotation	Shell Size 5 and 6 Key Positions	Shell Size 7 thru 12 Key Positions
N Normal	150°		
X	140°		
Y	130°		
Z	120°		
Shell size 5 and 6: master key is located at top dead center for normal (N) position.		Shell size 7 thru 12: master key is rotated 90° from TDC for normal position.	

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