



Series 800 Mighty Mouse UN Mating Thread PC Tail or Solder Cup PCB Receptacle

800-012 and 800-040 Ordering Information



Printed Circuit Board/ Solder Cup Receptacles feature low profile shells for minimum protrusion inside enclosures and integral board standoffs. Contacts are non-removable.

Water Immersion, Unmated Specify **800-012** connectors for applications where open face water immersion is not a requirement. For MIL-STD-810 Method 512G immersion requirements, specify **800-040** watertight connectors. These 800-040 connectors are specially sealed ("MOD-518") and are 100% tested to maintain a helium leak rate of 1×10^{-4} cc/second at one atmosphere pressure differential from -40C to +70C.

C

How To Order							
Sample Part Number		800-012	-07	M	7-10	P	Z
Series	800-012 = Receptacle for Solder Cup or PCB Termination, with Standard Epoxy Potting 800-040 = Receptacle for Solder Cup or PCB Termination, With Special "MOD-518" Sealing For Open Face (Unmated) Water Immersion Requirements. 100% Leak Tested.						
Shell Style (See Table I)	-02 = Square Flange -07 = Jam Nut (See <i>Jam Nut Panel Cutout Dimensions Page C-3</i>)						
Shell Material and Finish	C = Aluminum / Black Anodize (Non-Conductive) RoHS Compliant M = Aluminum / Electroless Nickel RoHS Compliant NF = Aluminum / Cadmium with Olive Drab Chromate ZNU = Aluminum / Zinc-Nickel with Black Chromate MT = Aluminum / Nickel-PTFE RoHS Compliant Z1 = Stainless Steel / Passivated RoHS Compliant						
Shell Size - Insert Arrangement	See Contact Arrangements page C-2						
Contact Type	P = Pin, PC Tail		E = Pin, Solder Cup				
	S = Socket, PC Tail		F = Socket, Solder Cup				
Shell Key Position (See Table II)	N = Normal X = Pos. X Y = Pos. Y Z = Pos. Z						

Table I: Shell Style	
-02 Square Flange Front Mount	-07 Jam Nut for Rear Panel Mounting

Recommended Panel Cut Out				
Shell Size	Ø M		N Flat ± .002	
	in	mm	in	mm
5	.318	8.08	.297/.292	7.54/7.42
6	.386	9.80	.365/.360	9.27/9.14
7	.449	11.40	.429/.424	10.90/10.77
8	.510	12.95	.483	12.67
9	.574	14.58	.540	13.71
10	.635	16.13	.614	15.60
12	.760	19.30	.722	18.34

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

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