



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.

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 S = Socket, PC Tail		E = Pin, Solder Cup 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	
11	.699	17.74	.678	17.23	
12	.760	19.30	.722	18.34	

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

Mouser Electronics

Authorized Distributor

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Glenair:

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