



Series 802 AquaMouse™ Submersible Solder Cup or PCB Receptacle 802-012 and 802-030 Ordering Information

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



Water Immersion, Unmated

Specify **802-012** connectors for applications where open face water immersion is not a requirement. For MIL-STD-810 Method 512G immersion requirements, specify **802-030** watertight connectors. These 802-030 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	802-012	-00	Z1	9-200	P	A
Series	802-012 = Receptacle for Solder Cup or PCB Termination, with Standard Epoxy Potting 802-030 = 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)	-00 = Jam Nut for Front Panel Mounting -02 = Square Flange for Front Panel Mounting -07 = Jam Nut for Rear Panel Mounting					
Shell Material and Finish	Z1 = Stainless Steel / Passivated RoHS Compliant ZM = Stainless Steel/Electroless Nickel Plated AB = Marine Bronze/Unplated					
Shell Size - Insert Arrangement	See Contact Arrangements page E-2 See Section B for PCB Footprints					
Contact Type	P = Pin, PC Tail E = Pin, Solder Cup S = Socket, PC Tail F = Socket, Solder Cup					
Shell Key Position (See Table II)	A = Normal B = Pos. B C = Pos. C D = Pos. D E = Pos. E F = Pos. F					

Table I: Shell Style

-00 Jam Nut for Front Panel Mounting	-02 Square Flange	-07 Jam Nut for Rear Panel Mounting

Table II: Key Positions

Key Position	Key Rotation	
	A°	B°
A Normal	150°	210°
B	75°	210°
C	95°	230°
D	140°	275°
E	75°	275°
F	9°	210°

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

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