



# 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  $1 \times 10^{-4}$  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	<b>802-012</b> = Receptacle for Solder Cup or PCB Termination, with Standard Epoxy Potting <b>802-030</b> = 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)	<b>-00</b> = Jam Nut for Front Panel Mounting <b>-02</b> = Square Flange for Front Panel Mounting <b>-07</b> = Jam Nut for Rear Panel Mounting					
Shell Material and Finish	<b>Z1</b> = Stainless Steel / Passivated RoHS Compliant <b>ZM</b> = Stainless Steel/Electroless Nickel Plated <b>AB</b> = Marine Bronze/Unplated					
Shell Size - Insert Arrangement	See Contact Arrangements page E-2					
Contact Type	<b>P</b> = Pin <b>S</b> = Socket		<b>E</b> = Pin, Solder Cup <b>F</b> = Socket, Solder Cup			
Shell Key Position (See Table II)	<b>A</b> = Normal <b>B</b> = Pos. B <b>C</b> = Pos. C <b>D</b> = Pos. D <b>E</b> = Pos. E <b>F</b> = Pos. F					

Table I: Shell Style

<b>-00</b> Jam Nut for Front Panel Mounting	<b>-02</b> Square Flange	<b>-07</b> 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.