



# 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

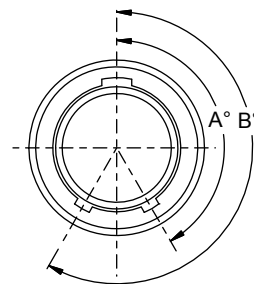
| Sample Part Number                | 802-012                                                                                                                                                                                                                                                             | -00 | Z1 | 9-200 | P | A |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|-------|---|---|
| Series                            | <b>802-012</b> = Receptacle for Solder Cup or PCB Termination, with Standard Epoxy Potting<br><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<br><b>-02</b> = Square Flange for Front Panel Mounting<br><b>-07</b> = Jam Nut for Rear Panel Mounting                                                                                                                |     |    |       |   |   |
| Shell Material and Finish         | <b>Z1</b> = Stainless Steel / Passivated RoHS Compliant<br><b>ZM</b> = Stainless Steel/Electroless Nickel Plated<br><b>AB</b> = Marine Bronze/Unplated                                                                                                              |     |    |       |   |   |
| Shell Size - Insert Arrangement   | See Contact Arrangements page E-2                                                                                                                                                                                                                                   |     |    |       |   |   |
| Contact Type                      | <b>P</b> = Pin <b>E</b> = Pin, Solder Cup<br><b>S</b> = Socket <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><br>Jam Nut for Front Panel Mounting | <b>-02</b><br>Square Flange | <b>-07</b><br>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.