Glenair Series 802 AquaMouse™ Delivers High-Pressure Sealing and Rugged Design in a Miniature Package

**AQUAMOUSE SPECIFICATIONS AND PLUG KEY POSITIONS**

<table>
<thead>
<tr>
<th>Key Position</th>
<th>Key Rotation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal (A)</td>
<td>A° 150°, B° 210°</td>
</tr>
<tr>
<td>B</td>
<td>A° 75°, B° 210°</td>
</tr>
<tr>
<td>C</td>
<td>A° 95°, B° 230°</td>
</tr>
<tr>
<td>D</td>
<td>A° 140°, B° 275°</td>
</tr>
<tr>
<td>E</td>
<td>A° 75°, B° 275°</td>
</tr>
<tr>
<td>F</td>
<td>A° 9°, B° 210°</td>
</tr>
</tbody>
</table>

**Performance Specifications**

- **Current Rating**: #23–5 A, #20–7.5 A, #16–13 A, #12–23 A
- **Dielectric Withstanding Voltage**: #23–750 VAC, #20HD–1000VAC, #16 and #12–1800 VAC
- **Insulation Resistance**: 5000 megohms minimum
- **Operating Temperature**: -65° C. to +175° C.
- **Hydrostatic Pressure**: 3500 PSI mated, 1000 PSI open face (hermetic)
- **Shock**: 300 g.
- **Vibration**: 37 g.
- **Durability**: 2000 mating cycles

**Material and Finish**

- **Shells, Jam Nuts**: 316 stainless steel or marine bronze
- **Coupling Nuts**: Marine bronze, unplated
- **Insulators**: Liquid crystal polymer (LCP), 30% glass-filled
- **Contact Retention Clip**: Beryllium copper alloy
- **Interfacial Seal, O-rings**: Viton Rubber
- **Interfacial seal, rear grommet**: Fluorosilicone rubber, blue
- **O-rings**: Viton®

**Stainless Steel or Marine Bronze**

Available in ten sizes from 1 to 130 contacts, Series 802 connectors feature 316 stainless steel or marine bronze shells. Viton® o-rings resist high temperature and corrosive chemicals.

**3500 psi**

These connectors withstand up to 3500 PSI hydrostatic pressure in a mated condition. Hermetic versions withstand 1000 PSI open face pressure.