

# SERIES 802, 3500 PSI SUBMERSIBLE AquaMouse Connectors and Cables



## Plug with Integral Banding Porch or Accessory Threads and Crimp Removable Contacts



**Stainless Steel** or **Marine Bronze Shell** withstands corrosion in the most hostile environments. Rated for 3500 PSI when mated, these connectors are suitable for the most demanding geophysical and underwater applications.

**Gold-Plated Contacts** attach to wire with standard mil spec crimp tools. Contacts are packaged with connectors.

**Two Series:** Integral platform for direct shield attachment using Band-Master™ ATS termination system, or accessory thread for attaching accessories.

How To Order						
<b>Sample Part Number</b>	<b>802-009</b>	<b>-06</b>	<b>Z1</b>	<b>9-19</b>	<b>S</b>	<b>A</b>
<b>Series (See Table I)</b>	<b>802-008</b> = Plug with Band and Molding Platform <b>802-009</b> = Plug with Accessory Thread					
<b>Shell Style</b>	<b>-06</b> = Plug					
<b>Shell Material and Finish</b>	<b>Z1</b> = Stainless Steel / Passivated <b>ZM</b> = Stainless Steel / Electroless Nickel Plated <b>AB</b> = Marine Bronze					
<b>Shell Size - Insert Arrangement</b>	See Contact Arrangements page F-3					
<b>Contact Type</b>	<b>Connector supplied with contacts</b> <b>P</b> = Pin <b>S</b> = Socket Connectors with contacts are supplied with crimp contacts. Contacts not installed. For coaxial contacts order contacts separately and request connector without contacts		<b>Connector supplied without contacts</b> <b>A</b> = Pin Connector, less contacts <b>B</b> = Socket Connector, less contacts			
<b>Polarization (See Table II)</b>	<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					

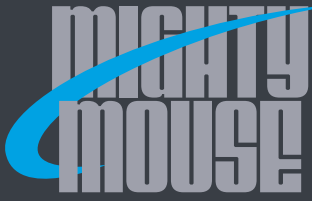
Table I: Connector Series	
<p><b>802-008</b> Hex Plug with Banding or Molding Platform</p>	<p><b>802-009</b> Hex Plug with Accessory Thread</p>

Table II: Key Positions		
Key Position	Key Rotation	
	A°	B°
<b>A</b> Normal	150°	210°
<b>B</b>	75°	210°
<b>C</b>	95°	230°
<b>D</b>	140°	275°
<b>E</b>	75°	275°
<b>F</b>	95°	210°

### NOTES

- Contacts are crimp type, and are used in a rear release retention system Crimp Barrel accommodates 22, 24, 26, and 28 gage wire
- Crimp tool data:
  - Crimp frame: M22520/2-01
  - Positioner: Glenair part no. 809-005
  - Insertion tool: Glenair P/N 809-088
  - Extraction tool: Glenair P/N 809-088
- Mates to 802 series receptacle
- Performance capabilities:
  - Current rating: 5 amp max
  - Contact voltage drop: 70 millivolts max at 5 amps, 25°C
  - Hydrostatic pressure rating: 3500 PSI fully mated and properly molded
  - Insulation resistance: 5,000 megohms minimum
  - DWV: 500 VAC
  - Electrical safety limits to be set by user. Peak voltages, switching surges, transients etc. should be used to determine safe application
- Material/finish
  - Plug Barrel: SST / see How to Order table
  - Coupling nut: nickel-aluminum-bronze/ degrease
  - Insulator: High Grade Rigid Dielectric
  - Interfacial seal, grommet seal: fluorosilicone.
  - Contact: Copper alloy / gold plate per ASTM B 488, Type II, Code C, Class 1.25, over suitable underplate

SERIES 802 AQUAMOUSE

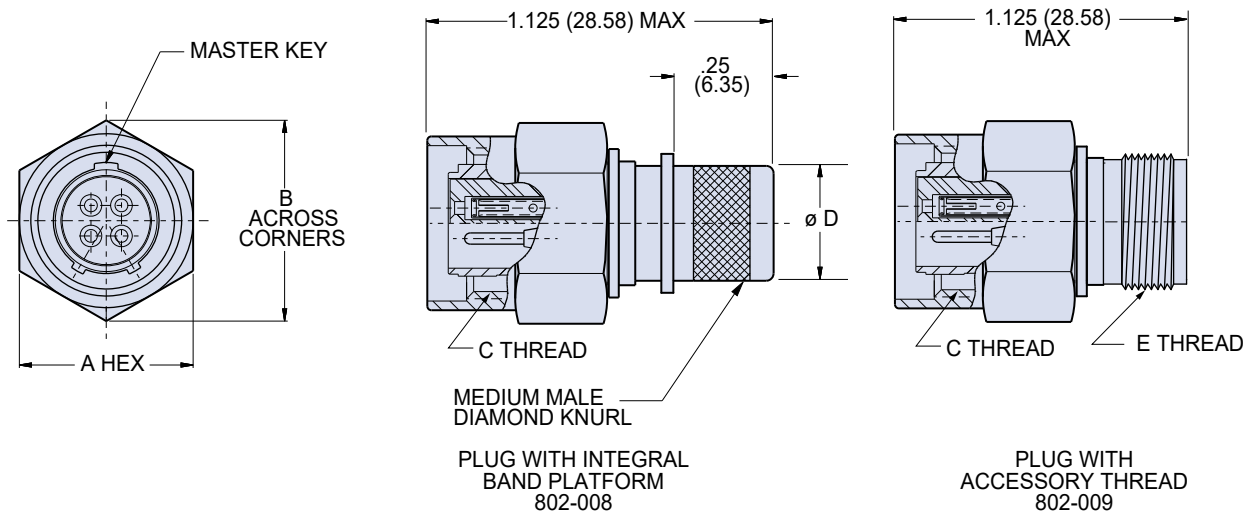


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## Plug with Integral Banding Porch or Accessory Threads and Removable Crimp Contacts

### PLUG CONNECTOR WITH INTEGRAL BAND PORCH OR ACCESSORY THREAD - SHELL STYLE 06



Dimensions					
Shell Size	A Hex	B.	C Thread	Ø D	E Threads Accessory
5	.500 (12.70)	.56 (14.22)	.438-28 UNEF	.232 (5.89)	.2500-32 UNEF
6	.625 (15.88)	.72 (18.29)	.562-20 UN	.312 (7.92)	.3125-32 UNEF
7	.688 (17.48)	.78 (19.81)	.625-20 UN	.375 (9.52)	.4375-28 UNEF
8	.750 (19.05)	.86 (21.84)	.687-20 UN	.438 (11.13)	.5000-28 UNEF
9	.812 (20.62)	.93 (23.62)	.750-20 UNEF	.500 (12.70)	.5625-24 UNEF
10	.875 (22.23)	1.00 (25.40)	.812-20 UNEF	.562 (14.27)	.6250-24 UNEF
12	.938 (23.83)	1.06 (26.92)	.875-20 UNEF	.656 (16.66)	.6875-24 UNEF
14	1.125 (28.58)	1.25 (31.75)	1.062-20 UN	.812 (20.62)	.8750-20 UNEF
15	1.188 (30.18)	1.32 (33.53)	1.125-20 UN	.885 (22.48)	.9375-20 UNEF
21	1.562 (39.67)	1.70 (43.18)	1.438-20 un	1.188 (30.18)	1.250-18 UNEF