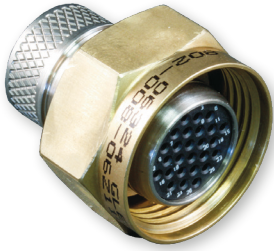




# Series 802 AquaMouse™ 3500 PSI Submersible Plug with Crimp Contacts

## 802-008 and 802-009 Ordering Information



**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.

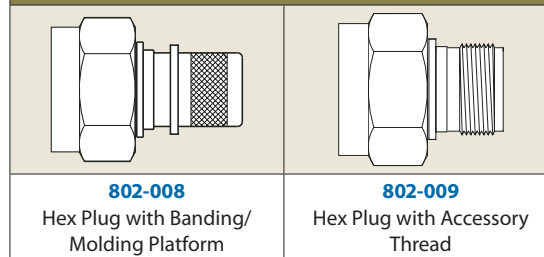
### How To Order

Sample Part Number	802-009	-06	Z1	9-19	S	A
Series (See Table I)	802-008 = Plug with Banding/ Molding Platform 802-009 = Plug with Accessory Thread					
Shell Style	-06 = Plug					
Shell Material and Finish	Z1 = Stainless Steel/Passivated RoHS Compliant ZM = Stainless Steel/ Electroless Nickel Plated AB = Marine Bronze					
Shell Size - Insert Arrangement	See Contact Arrangements page E-2					
Contact Type	<b>Connector supplied with contacts</b> P = Pin S = Socket Connectors with contacts are supplied with signal and/or power crimp contacts. These contacts are not installed. Coaxial contacts and non-standard signal contacts are ordered separately.			<b>Connector supplied without contacts</b> A = Pin Connector, less contacts B = Socket Connector, less contacts		
Polarization (See Table II)	A = Normal B = Pos. B C = Pos. C D = Pos. D E = Pos. E F = Pos. F					

### 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

Table I: Connector Series



- Electrical safety limits to be set by user peak voltages, switching surges, transients etc. should be used to determine safe application

Table II: Key Positions

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

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

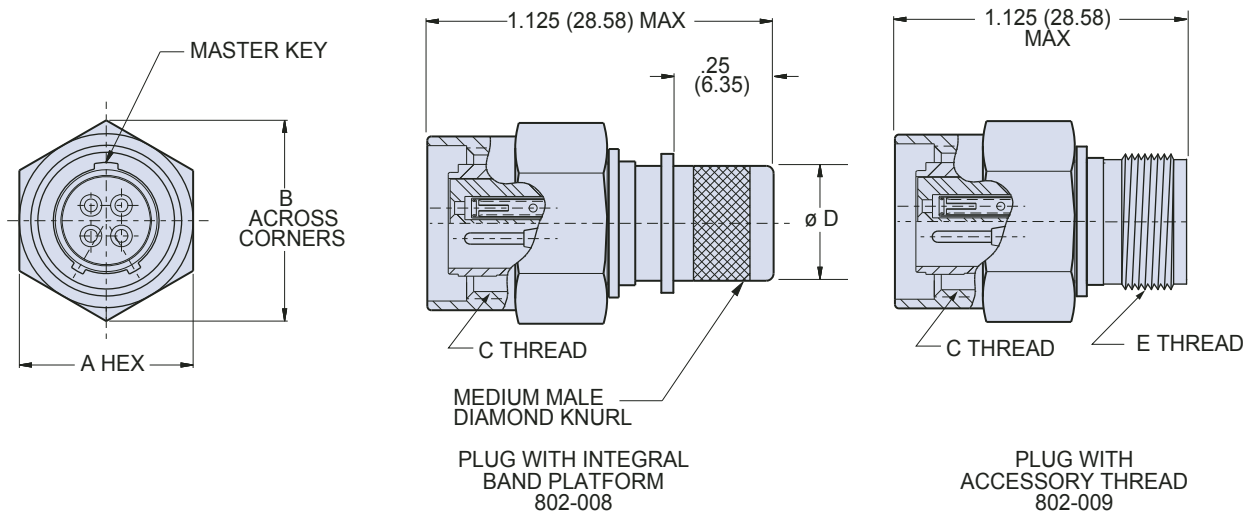
# Series 802 AquaMouse™ 3500 PSI Submersible Plug with Crimp Contacts

802-008-06 and 802-009-06 Dimensions



Series 802

## 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

### Material/finish

- Plug Barrel: SST / see How to Order table
- Coupling nut: nickel-aluminum-bronze/ degrease
- Insulator: epoxy
- Interfacial seal, grommet seal: fluorosilicone.
- Contact: Copper alloy / gold plate per ASTM B 488, Type II, Code C, Class 1.25, over suitable underplate

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

E