

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.

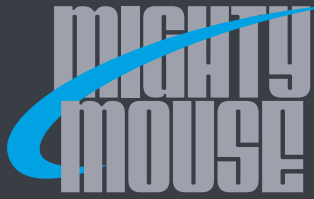
How To Order						
Sample Part Number	802-009	-06	Z1	9-19	S	A
Series (See Table I)	802-008 = Plug with Band and Molding Platform 802-009 = Plug with Accessory Thread					
Shell Style	-06 = Plug					
Shell Material and Finish	Z1 = Stainless Steel / Passivated ZM = Stainless Steel / Electroless Nickel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

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

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	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

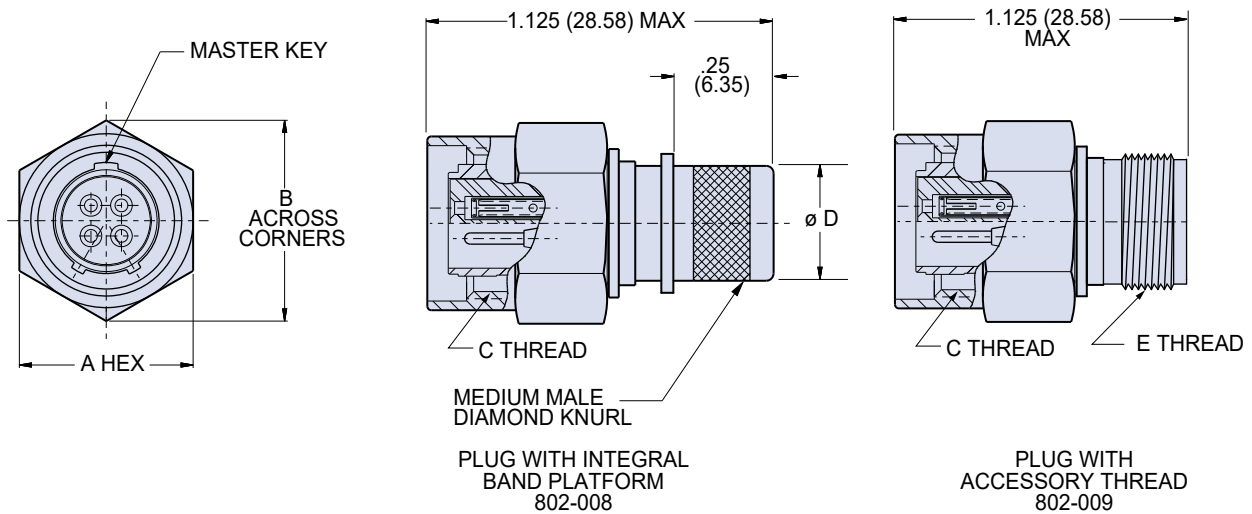


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PLUG CONNECTOR WITH INTEGRAL BAND PORCH OR ACCESSORY THREAD - SHELL STYLE 06



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

SERIES 802 AQUAMOUSE