

**MouseBud™ Plugs**



**Plug Cordsets**

Overmolded cordsets with rugged tactical-grade shielded cable.

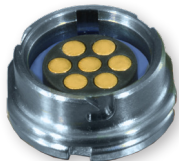
**860-006P** Overmolded Plug Cordset

**860-002P** Plug Cordset for USB+BAT (IAW US Army Personal Area Network, PAN protocol)

**Plug Connector Construction**

- Shell: stainless steel
- Bayonet pins, retainer ring and torsion spring: stainless steel
- Coupling ring: aluminum
- Lid: aluminum
- Contacts: copper alloy, gold plated
- Insert: glass-filled thermoplastic
- Ground spring: gold-plated stainless steel
- Gasket: fluorosilicone
- Potting compound: RTV silicone

**MouseBud™ Receptacles**



**Panel Mount Receptacles**

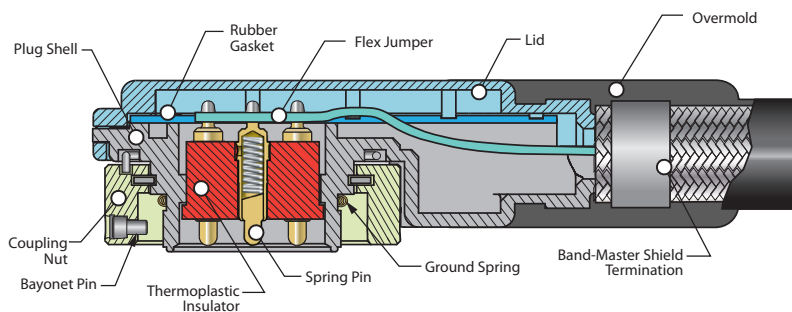
Jam nut mounting. Solder cup or printed circuit tails.

**860-004R** Panel Receptacle with PC Tails

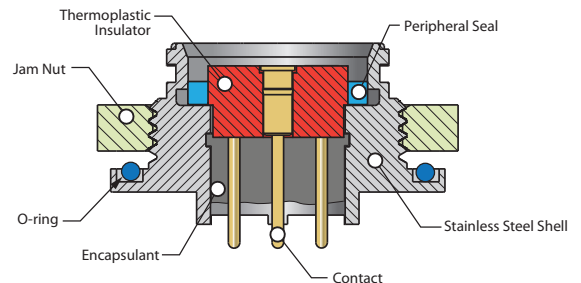
**860-005R** Panel Receptacle, Solder Cups

**Panel Receptacle Construction**

- Shell: stainless steel
- Jam nut: stainless steel
- Contacts: copper alloy, gold plated
- Insert: glass-filled thermoplastic
- O-ring: fluorosilicone
- Peripheral seal: fluorosilicone
- Potting compound: RTV silicone



**Overmolded Plug Cordset**



**Panel Receptacle**



Glenair MouseBud snap-lock, trigger-release connectors feature a spring-loaded contact system for excellent resistance to damage and debris entrapment. The biased plunger is machined from solid copper alloy for improved strength, durability, and electrical performance compared to plungers drawn from sheet metal.

**MouseBud Specifications**

MouseBud Specifications	
Voltage rating	500 VAC
Current rating	5 amps
Contact resistance	20 milliohms maximum
Plug-to-receptacle ground resistance	<5 milliohm
Maximum wire size	#24 AWG
Insulation resistance	5000 megohms min.
Water immersion	MIL-STD-810 Method 512, one meter for one hour
Durability	2000 mating cycles
Corrosion resistance	1000 hours
Sine vibration	EIA-364-28 condition IV, 20g peak
Random vibration	EIA-364-28 condition V letter H, 29g rms
Shock	EIA-364-27 condition D, 300g peak
EMI shielding effectiveness	40 dB minimum to 10 GHz