

MouseBud™ Plugs



Plug Cordsets

Overmolded cordsets with rugged tactical-grade shielded cable.

860-001P 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

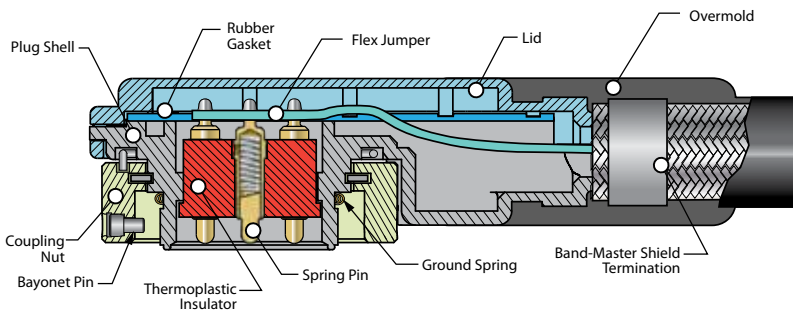
Jam nut mounting. Solder cup or printed circuit tails.

860-004R Panel Receptacle with PC Tails

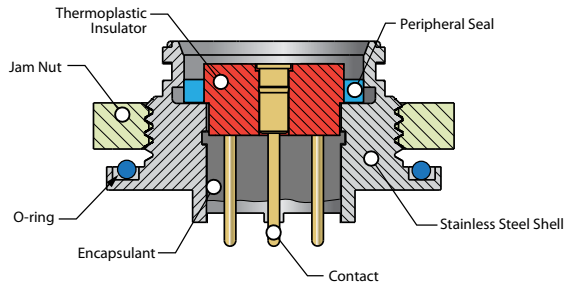
860-005R Panel Receptacle, Solder Cups

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 |