

Style

Power DIN, jack
3 pin

Ratings

Voltage: 48 V
Current: 8 A @ 48V (Pin 1 and 2), 4 A @ 48 V (Pin 3)
Flammability: UL94 V-0

Operating Temperature Range

-20~80°C

Materials

- ① Insulator: PBT+25% glass fiber black (UL94 V-0)
- ② Pin: C3604 Brass, nickel plated
- ③ Shell: C3604 Brass, nickel plated
- ④ Nut: C3604 Brass, nickel plated
- ⑤ O-ring: Silicone rubber

Electrical Requirements

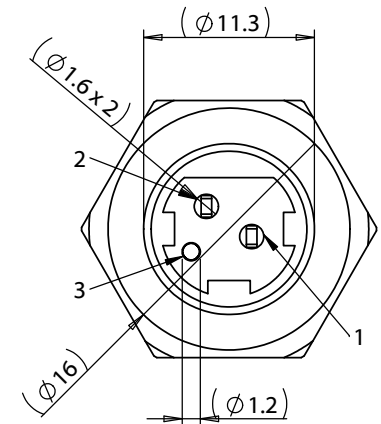
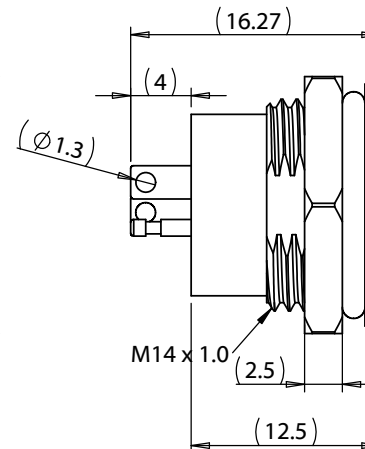
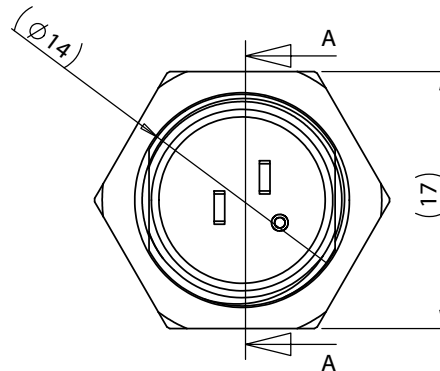
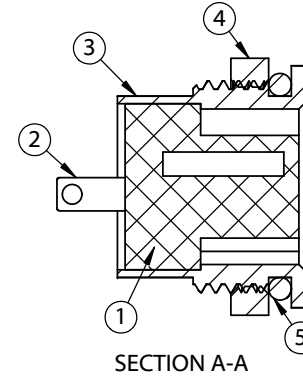
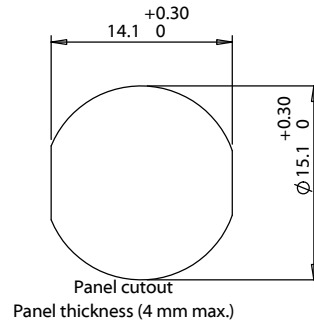
Dielectric strength: 1 min @ 500 Vac
Insulation resistance: 100 MΩ @ 250 Vdc
Contact resistance: 30 mΩ or less

Mechanical Requirements

Life cycle: 500 mating cycles minimum

Environmental Requirements

Waterproof: IP67



Revision:	Date:	Description:	Prepared:	Notes:	<h1>TENSILITY</h1> <p>tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com</p>		
A	12/09/2024	Initial release	Verified:	RoHS compliant Function test: no open, no short circuit, no intermittent			
			Dimensions are in millimeters. Tolerances: X: ± 0.3 mm X.X: ± 0.1 mm X.XX: ± 0.05 mm	Description:	Size:	Part number:	
				Connector, power DIN jack, 3 pin, 14xL16.27 mm, panel mount, nickel plated, IP67	A	54-00415	
					Scale: 2:1		Sheet 1 of 1