Ratings Voltage: 60 V Current: 1 A Waterproof: IP 67

Operating Temperature Range -40 to 105 $^{\circ}\text{C}$

Materials

- (1) Insulator: Nylon 66 + 30% glass fiber, black
- 2 Pin: brass, gold-flashing 3 Shell: brass, nickel plated

Electrical Requirements
Dielectric strength: 1 min @ 500 Vac Insulation resistance: 10⁸ Ω min Contact resistance: $10 \text{ m}\Omega$ or less

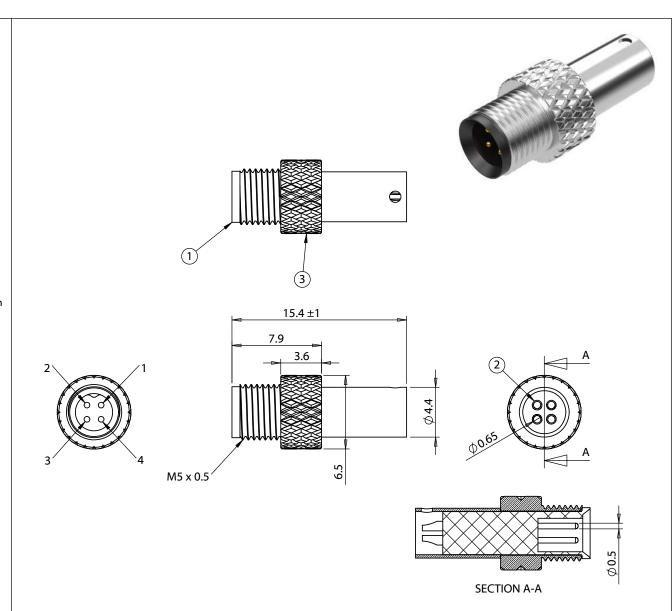
Mechanical Requirements

Insertion force: 0.82 kgf max Withdrawal force: 0.62 kgf max Life cycle: 500 mating cycles

Environmental Requirements Cold test: -25 °C for 2 hours without deformation Heat test: 85 °C for 16 hours while maintaining minimum $10^8 \Omega$ min insulation resistance

Assembly info

Wire guage: 26 AWG max (Ø0.55 mm)



Revision:	Date:	Description:	Prepared:	Notes:				
Α	1/11/21	Initial release	AG Digitally signed by AG Date: 2021.01.11 12:02:36 -08:00'	RoHS compliant		FNSII ITY I		
			AW Digitally signed by AW Date: 2021.01.15 Dimensions are in	Function test: no open, no short circuit, no intermittent	tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com			
			Tolerances: X: ± 0.5 mm	Description: Connector, 4 pin M5 plug, 5xL15.4mm, gold plated, molding style, solder cup, IP67, shielded	Size:	re: Part number: 50-00671		
			X.X: ± 0.3 mm X.XX: ± 0.1 mm	molaing style, solaer cup, IP67, shielded	Scale:	3:1		Sheet 1 of 1

5