

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

Operating Temperature Range
-40 to 105 °C

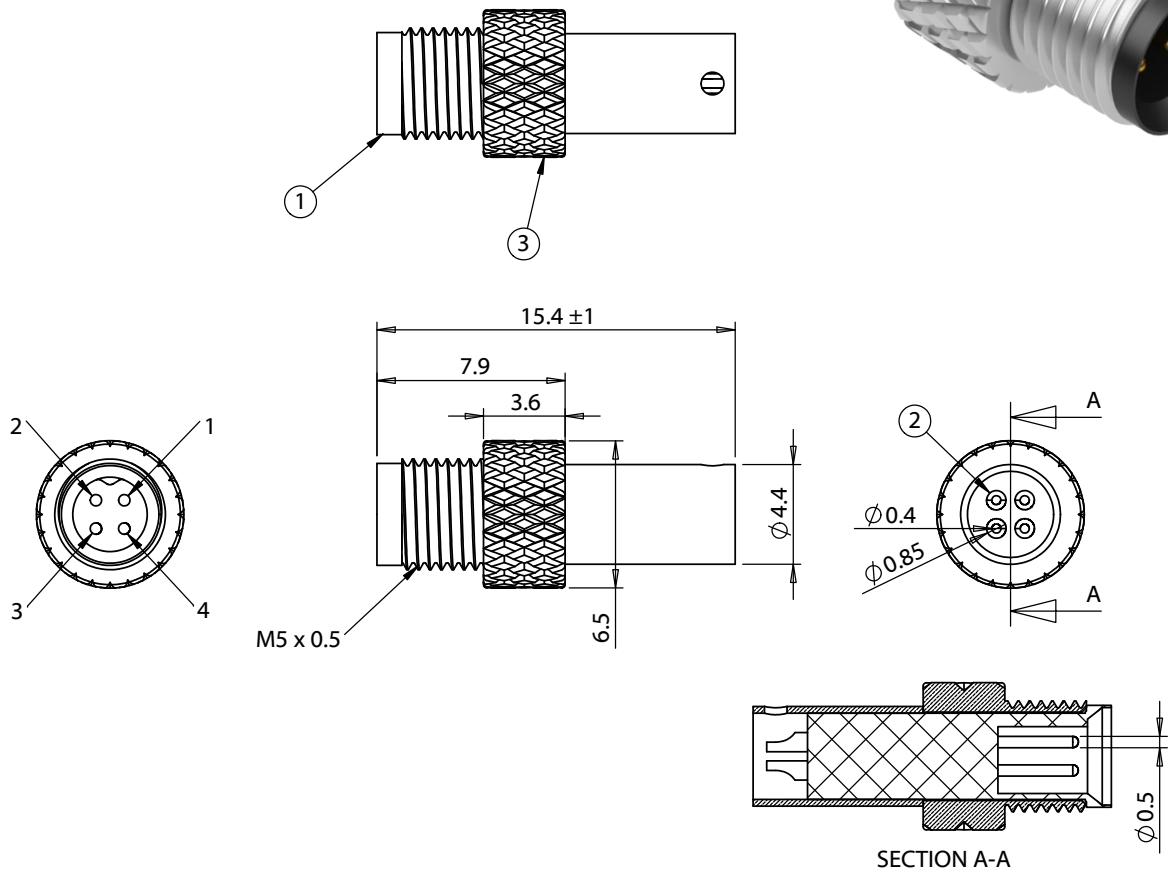
Materials
① Insulator: Nylon 66 + 30% glass fiber, black
② Pin: brass, gold-flashing
③ Shell: brass, nickel plated

Electrical Requirements
Dielectric strength: 1 min @ 500 Vac
Insulation resistance: 10⁸ Ω min
Contact resistance: 10 mΩ 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 10⁸ Ω min insulation resistance

Assembly info
Wire gauge: 26 AWG max (Ø0.55 mm)



Revision:	Date:	Description:	Prepared:	Notes:	<div>TENSILITY</div> <div>tel 1.541.323.3228 800 877.670.7118</div> <div>fax 1.541.323.4202 web tensility.com</div>		
A	1/11/21	Initial release	Verified:	RoHS compliant			
			Dimensions are in millimeters.	Function test: no open, no short circuit, no intermittent	Size: Part number: A 50-00671		
			Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.1 mm	Description: Connector, M5 A-code plug, 4 pin, 5xL15.4 mm, molding style, solder cup, gold plated, IP67, shielded			
					Scale: 3:1		Sheet 1 of 1