

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

-40 ~ 105°C

- ① Insulator: Nylon 66 + 30% glass fiber, black, UL 94 HB
- ② Pin: brass, gold-flashing
- ③ Shell: brass, nickel plated
- ④ O-ring: Silicone rubber

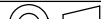
Dielectric strength: 1 min @ 500 Vac
Insulation resistance: $10^8 \Omega$ min
Contact resistance: 10 m Ω or less

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

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

Wire guage: 26 AWG max (Ø0.55 mm)



Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228800 877.670.7118 fax 1.541.323.4202web tensility.com			
A	1/11/21	Initial release	Verified:	RoHS compliant				
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.1 mm	Function test: no open, no short circuit, no intermittent	Size: A	Part number: 50-00673		
				Description: Connector, M5 A-code socket, 4 pin, 5xL14.7 mm, molding style, solder cup, gold plated, IP67, shielded				
					Scale: 3:1		Sheet 1 of 1	