Ratings

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

Operating Temperature Range $-40 \sim 85 \,^{\circ}\text{C}$

Materials

- 1 Insulator: Nylon 66 + 30% glass fiber, black 2 Pin: brass, gold-flashing
- (3) Shell: brass, nickel plated
- (4) O-ring: rubber
- (5) Hexagonal nut: brass, nickel plated

Electrical Requirements

Dielectric strength: 1 min @ 500 Vac Insulation resistance: $10^8 \Omega$ 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

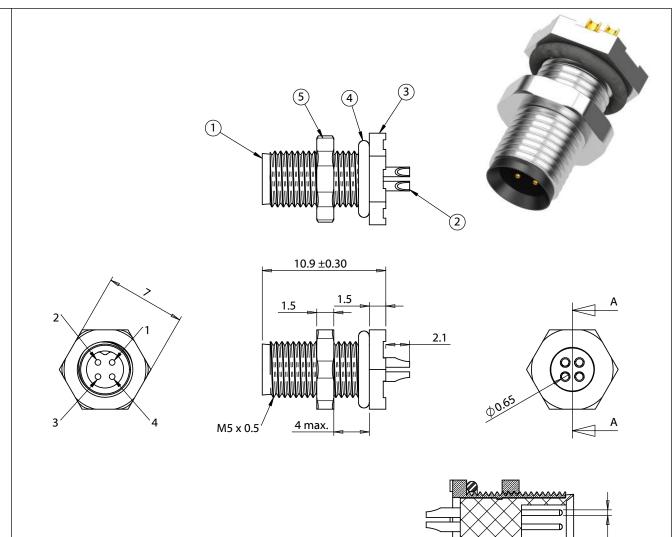
Environmental Requirements

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

5

Assembly info

Wire guage: 26 AWG max (Ø0.55 mm) Panel cutout: Ø5.1 mm recommended





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Size: Part number: 54-00098

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Scale: 3:1

SECTION A-A

Sheet 1 of 1

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