

Style
M8 Socket, shielded
3 pin
A-coding

Ratings
Voltage: 60 V
Current: 3 A

Operating Temperature Range
-40 ~ 105 °C

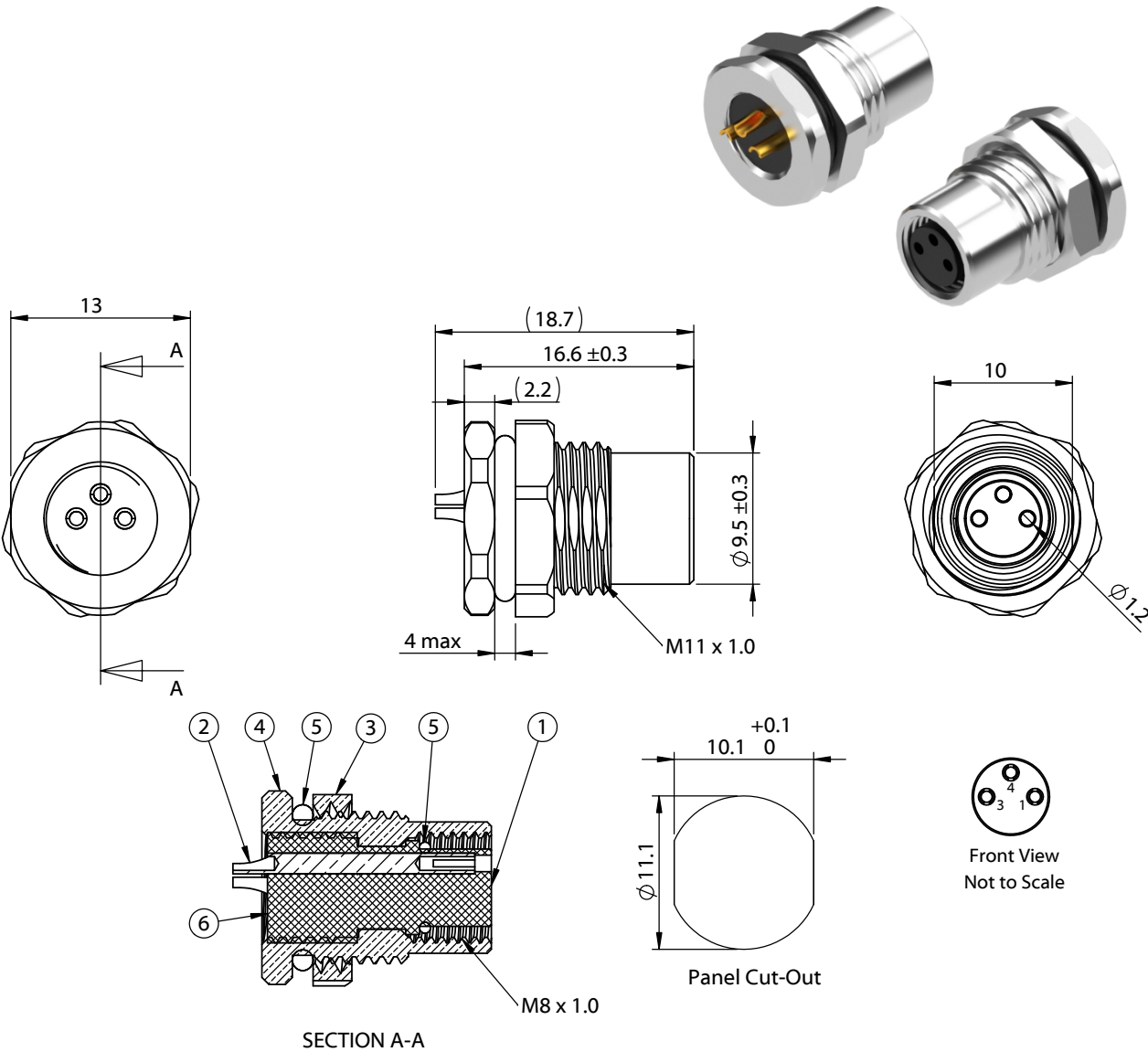
- Materials**
- ① Insulator: PA66, UL 94 HB, black
 - ② Pin: C3604 brass, gold flashing
 - ③ Nut: C3604 brass, nickel plated
 - ④ Shell: C3604 brass, nickel plated
 - ⑤ O-ring: Silicone rubber
 - ⑥ Epoxy: Epoxy resin

Electrical Requirements
Dielectric strength: 1 min @ 500 Vac
Insulation resistance: 100 MΩ @ 500 Vdc
Contact resistance: 10 mΩ or less

Mechanical Requirements
Life cycle: 1000 mating cycles minimum

Environmental Requirements
Salt spray test: 35 °C, relative humidity 90-95%, 5% NaCl mist for 24 hrs. Wash parts after test. Maintain mechanical requirements and a contact resistance of less than 10 mΩ.
Waterproof: IP67

Assembly Info
Wire gauge: 24 AWG max



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|-----------|---------|-----------------|--|--|--|--------------|--------------|
| 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 | 8/25/21 | 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, M8 A-code socket, 3 pin, 8xL18.7 mm, panel mount, solder cup, gold plated, IP67 | A | 54-00292 | |
| | | | | | Scale: 2:1 | | Sheet 1 of 1 |