

Style
M8 Socket, shielded
5 pin
B-coding

Ratings
Voltage: 30 V
Current: 3 A

Operating Temperature Range
-40 ~ 105 °C

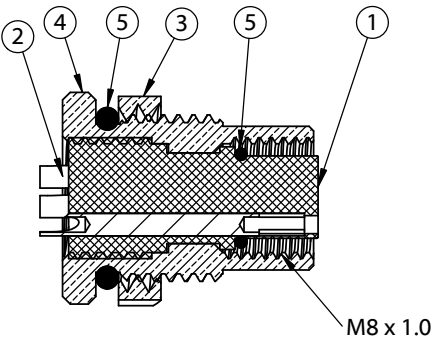
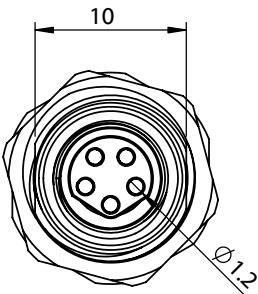
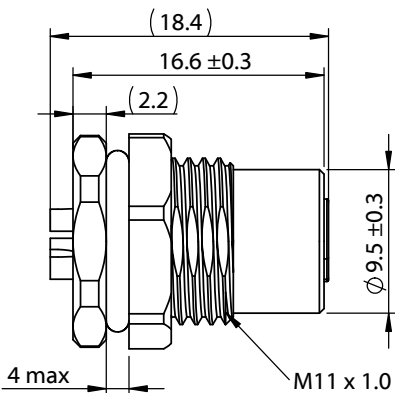
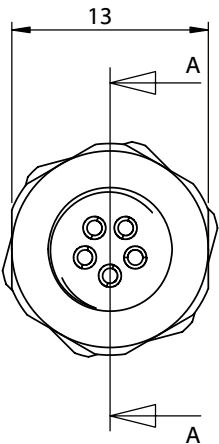
- Materials**
- ① Insulator: PA66, UL 94 HB, black
 - ② Pin: C3604 brass, gold flashing
 - ③ Nut: C3604 brass, nickel plated
 - ④ Shell: C3604 brass, nickel plated
 - ⑤ O-ring: Nitrile rubber, black & green

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

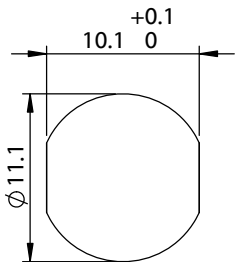
Mechanical Requirements
Life cycle: 1000 mating cycles minimum

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

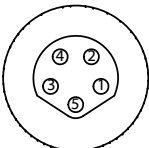
Assembly Info
Wire gauge: 24 AWG max



SECTION A-A



Panel Cut-Out



Front View
Not to Scale

Revision:	Date:	Description:
A	1/19/2023	Initial Release

Prepared:
Verified:
Dimensions are in millimeters. Tolerances: X: ± 0.3 mm X.X: ± 0.1 mm X.XX: ± 0.05 mm

Notes: RoHS compliant Function test: no open, no short circuit, no intermittent
Description: Connector, 5 pin M8 B-code socket, 8x18.4 mm, gold plated, panel mount, solder cup, IP67

TENSILITY

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Size: A	Part number: 54-00317
Scale: 2:1	Sheet 1 of 1