**Style** M8 Socket, shielded 4 pin A-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 M $\Omega$  @ 500 Vdc Contact resistance: 10 m $\Omega$  or less

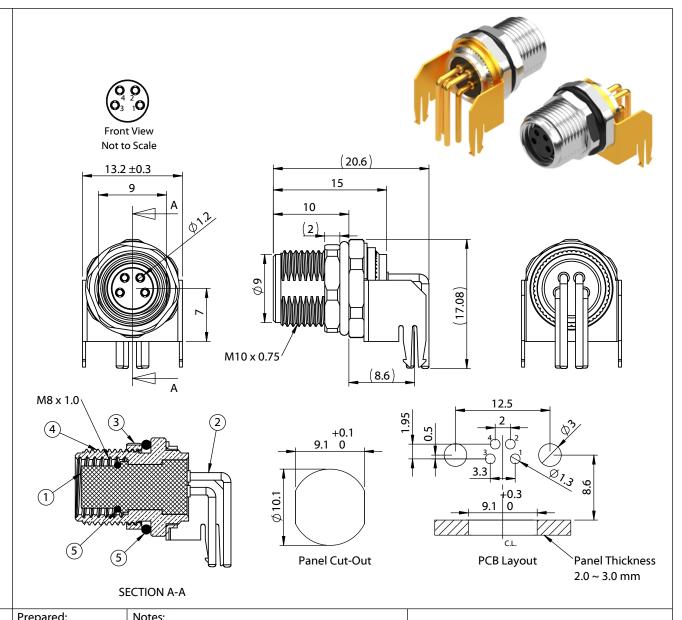
Revision: Date:

**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 m $\Omega$ . Waterproof: IP67

Description:

5



A 8/23/21 Initial Release RoHS compliant	$\mathbf{I} \mathbf{I} \mathbf{Y}$
Verified:  Function test: no open, no short circuit, no intermittent  Function test: no open, no short circuit, no intermittent  tel 1.541.323.3228 800 8 fax 1.541.323.4202 web to	
Dimensions are in	ensiney.com
millimeters. Description: Size: Part number:	
Tolerances: X: ± 0.3 mm  Connector, 4 pin M8 A-code socket, 8x20.6 mm,  A 54-00274	
X.X: ± 0.1 mm X.XX: ± 0.05 mm gold plated, PCB mount 90°, IP67 Scale: 2:1	Sheet 1 of 1

3 2