Style M12 Socket, shielded 3 pin A-coding

Ratings Voltage: 250 V Current: 4 A

Operating Temperature Range -40~105 °C

Materials

Revision:

А

Date:

10/6/2020

- (1) Insulator: Polyamide 66 (PA66), UL94 HB, black (2) Pin: C5191 phosphor bronze, gold plated (3) Shell: C3604 brass, nickel plated
- (4) Nut: C3604 brass, nickel plated
- (5) O-ring: Nitrile rubber, green/black

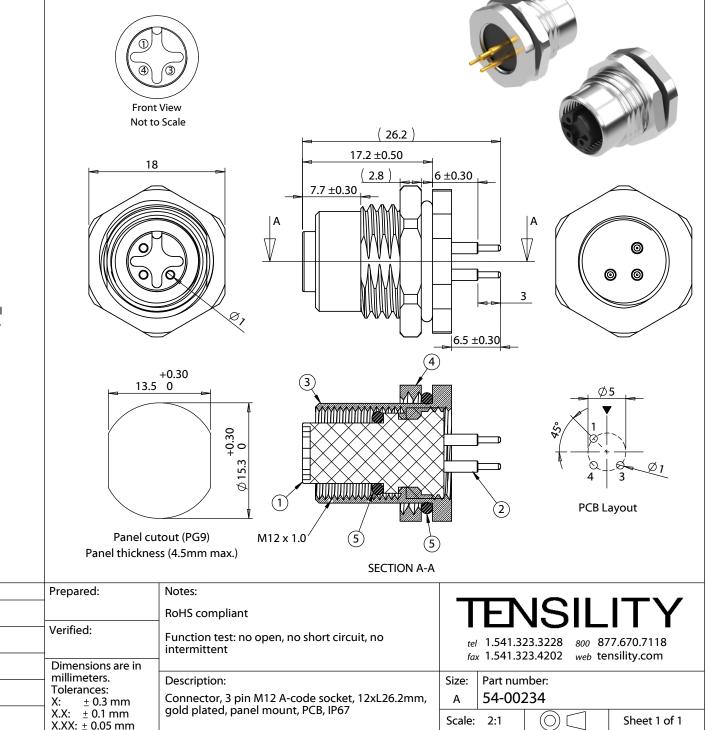
Electrical Requirements

Dielectric strength: 1 min @ 500 Vac Insulation resistance: 100 M Ω @ 500 Vdc Contact resistance: $10 \text{ m}\Omega$ or less

Mechanical Requirements

Life cycle: 500 mating cycles minimum

Environmental Requirements Salt spray test: 35 °C, relative humidity 90-95%, 5% NaCl mist for 48 hrs. Wash parts after test. Maintain mechanical requirements and a contact resistance of less than 10 m Ω . Waterproof: IP67



2

1

3

5

Description:

Initial release