Style

M12 Plug, shielded 5 pin D-coding

Ratings Voltage: 60 V

Current: 4A

Operating Temperature Range -40 ~ 105 °C

Materials

Revision:

А

Date:

2/08/2023

Insulator: Polyamide 66 (PA66), UL94 HB, black
Pin: C3604 brass, gold plated
Shell: C3604 brass, nickel plated
Nut: C3604 brass, nickel plated
O-ring: Nitrile rubber, black

Electrical Requirements

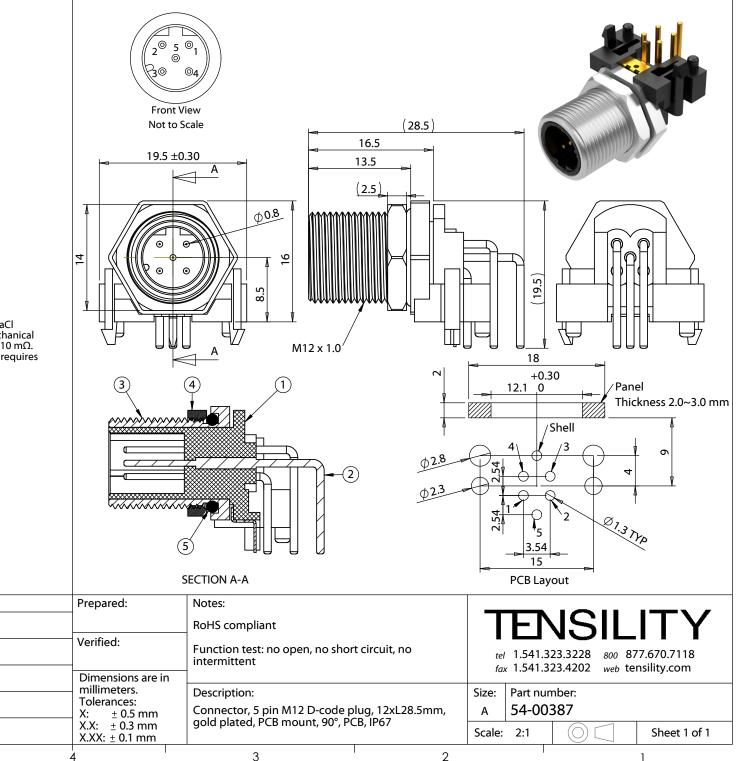
Dielectric strength: 1 min @ 500 Vac Insulation resistance: 100 MΩ @ 500 Vdc Contact resistance: 10 mΩ or less

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 (in mated state). IP67 panel ingress requires sealing cap.



5

Description:

Initial release