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

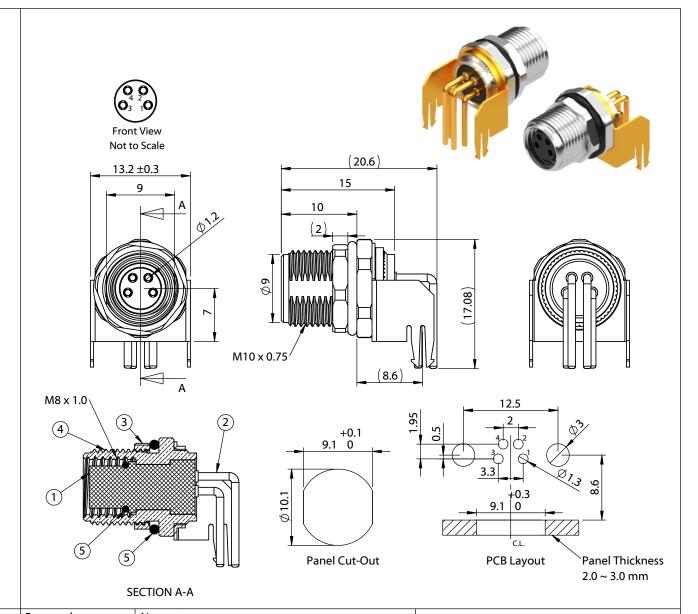
(2) Pin: C3604 brass, gold flashing (3) Nut: C3604 brass, nickel plated (4) Shell: C3604 brass, nickel plated (5) O-ring: Nitrile rubber, black & green

Electrical Requirements

Dielectric strength: 1 min @ 500 Vac Insulation resistance: 100 M Ω @ 500 Vdc Contact resistance: 10 m Ω or less

Mechanical RequirementsLife 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 Ω . Waterproof: IP67 (in mated state). IP67 panel ingress requires sealing cap



Revision:	Date:	Description:	Prepared:	Notes:					
Α	8/23/21	Initial Release		RoHS compliant			1-1	NSII.	ITY
			Verified:	Function test: no open, no short circuit, no intermittent		tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com			
			Dimensions are in			Tax 1.311.323.1202 Web terisinty.com			
			millimeters.	Description: Connector, 4 pin M8 A-code socket, 8x20.6 mm,		Size: Part number: A 54-00274			
			Tolerances: X: ± 0.3 mm						
			X.X: ± 0.1 mm X.XX: ± 0.05 mm	gold plated, PCB mount 90°, IP67		Scale:	2:1		Sheet 1 of 1

5 3 2