Style

M8 Socket, shielded 3 pin A-coding

Ratings

Voltage: 60 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

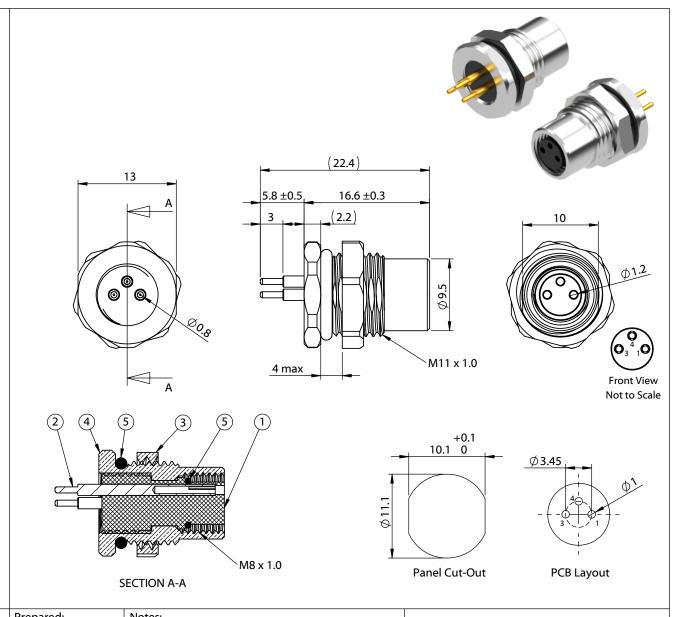
- (4) Shell: C3604 brass, nickel plated
- (5) O-ring: Nitrile rubber, black

Electrical Requirements Dielectric strength: 1 min @ 500 Vac Insulation resistance: $100 \, M\Omega$ @ 500 Vdc Contact resistance: $10 \text{ m}\Omega$ 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 m Ω . Waterproof: IP67



Revision:	Date:	Description:	Prepared:	Notes:					
Α	8/24/21	Initial Release	Digitally signed by JD Date: 2022.12.29 13:41:42 -08'00'	RoHS compliant		TFNSII ITY			
			Verified: PB Digitally signed by PB Date: 2022.12.30 08:54:26-08'00'	Function test: no open, no short circuit, no intermittent	te	tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com			
			Dimensions are in						
			millimeters. Tolerances:	Description:	Size:	Part nu	irt number:		
			X: ± 0.3 mm	Connector, 3 pin M8 A-code socket, 8x22.4 mm, gold plated, panel mount, PCB, IP67		54-00	54-00277		
			X.X: ± 0.1 mm X.XX: ± 0.05 mm			2:1		Sheet 1 of 1	
•		5	1 4	3 2				1	