

Style

Power DIN, plug

3 pin

Auto latch push-pull locking system

Ratings

Voltage: 48 V

Current: 8 A @ 48 V (Pin 1 and 2), 4 A @ 48 V (Pin 3)

Flammability: UL94 V-0

Operating Temperature Range

-20~80°C

Materials

① Insulator: PBT+25% glass fiber black (UL94 V-0)

② Pin: C3604 Brass, nickel plated

③ Shell: C3604 Brass, nickel plated

④ Housing: ABS, black

⑤ Ring: POM

⑥ Spring: carbon steel, nickel plated

⑦ Strain relief: PVC, black

Electrical Requirements

Dielectric strength: 1 min @ 500 Vac

Insulation resistance: 100 MΩ @ 250 Vdc

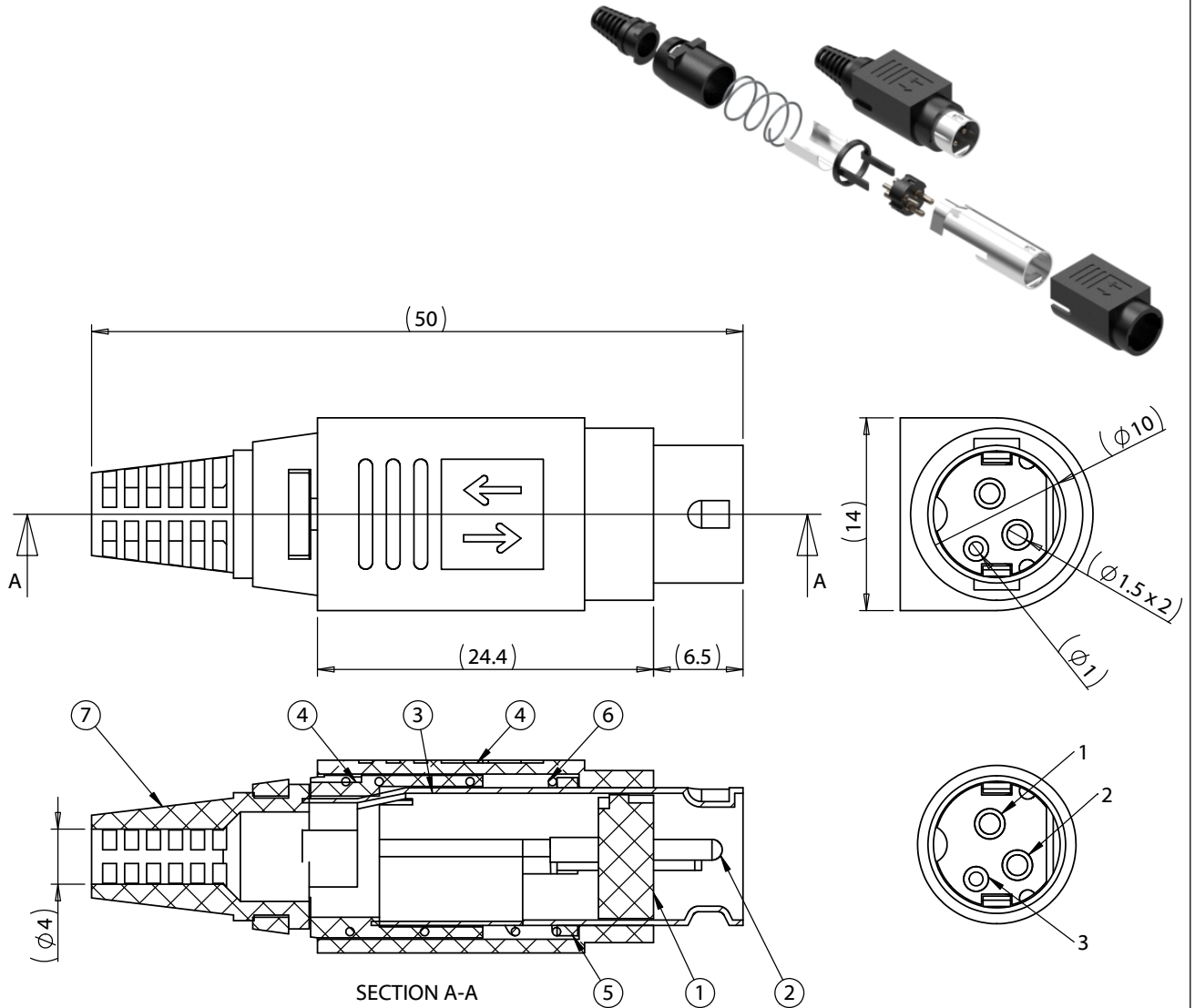
Contact resistance: 30 mΩ or less

Mechanical Requirements

Life cycle: 500 mating cycles minimum

Max gauge size: 17 AWG (Pin 1 and 2), 22 AWG (Pin 3)

Max outer jacket diameter: Ø 4 mm



Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com		
A	10/15/2024	Initial release	Verified:	RoHS compliant Function test: no open, no short circuit, no intermittent			
			Dimensions are in millimeters. Tolerances: X: ± 0.3 mm X.X: ± 0.1 mm X.XX: ± 0.05 mm	Description: Connector, power DIN plug, 3 pin, 4.0 mm SR, nickel plated, assembly type	Size: A	Part number: 55-00415	Sheet 1 of 1
					Scale: 2:1		