

Style

M8 Socket, shielded
3 pin
A-coding

Ratings

Voltage: 60 V
Current: 3 A

Operating Temperature Range

-40 ~ 105°C

Materials

- ① Insulator: Polyamide 66 (PA66), UL94 HB, black
- ② Pin: Phosphor copper, gold flashing
- ③ M8 Shell: HPB59 Brass, nickel plated
- ④ Hexagonal housing: HPB59 Brass, nickel plated
- ⑤ Outer Shell: HPB59 Brass, chrome plated
- ⑥ Grounding cone: HPB59 Brass, nickel plated
- ⑦ Gasket: Silicone rubber, black
- ⑧ Washer: HPB59 Brass, nickel plated
- ⑨ Collet nut: HPB59 Brass, nickel plated
- ⑩ Collet: HPB59 Brass, chrome plated
- ⑪ O-ring: Silicone rubber, green
- ⑫ O-ring: Silicone rubber, black
- ⑬ Strain relief: TPU, black

Electrical Requirements

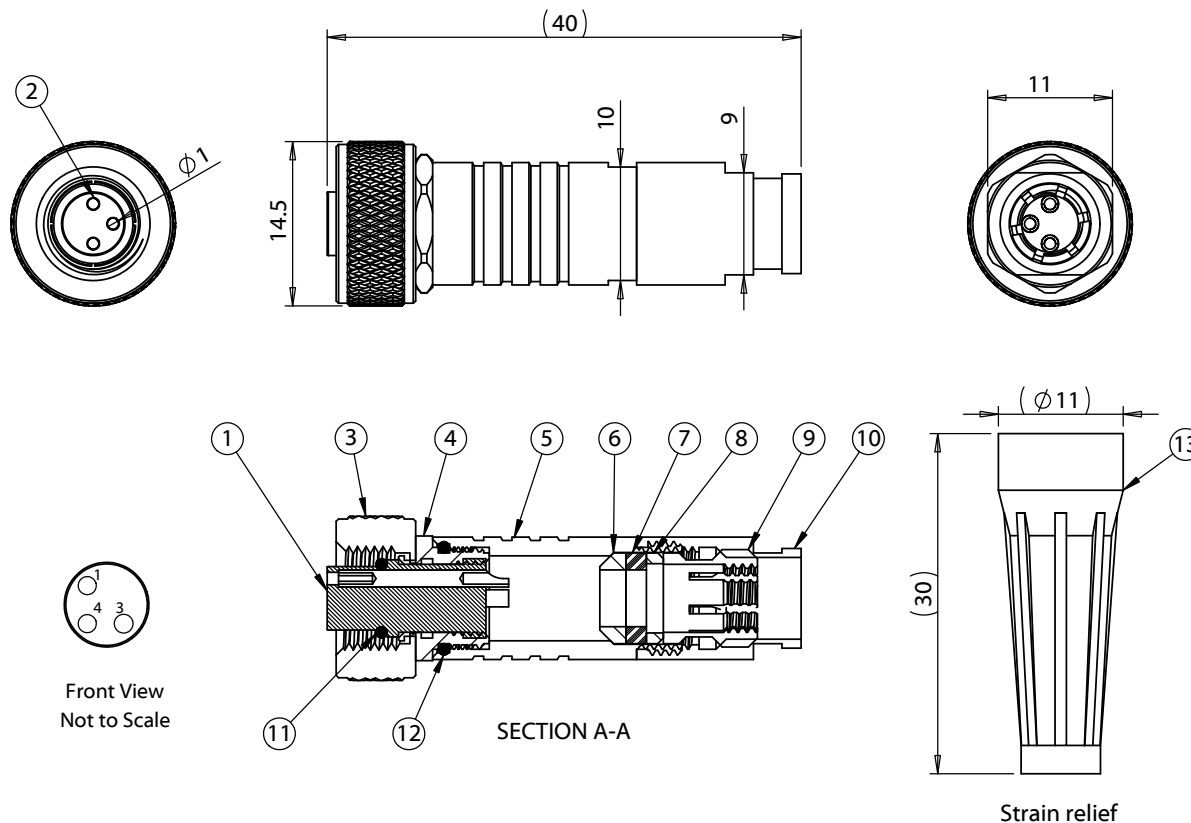
Insulation resistance: 100 MΩ @ 500 Vdc
Contact resistance: 10 mΩ or less

Mechanical Requirements

Life cycle: 1000 mating cycles minimum

Assembly Info

Waterproof: IP67
Suitable cable OD: 3 ~ 5.2 mm
Terminal style: solder cup
Max torque force:
M8 shell: 0.4 Nm
Collet nut: 0.8 ~ 1.0 Nm



Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com		
A	06/11/2026	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:	Size:	Part number:	
				Connector, M8 A-code socket, 3 pin, 8xL40 mm, assembly style, solder cup, gold plated, IP67, shielded	A	55-00474	
					Scale: 1:1		Sheet 1 of 1