Style M8 Plug, 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

Electrical Requirements

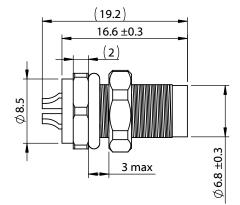
Dielectric strength: 1 min @ 500 Vac Insulation resistance: 100 MΩ @ 500 Vdc Contact resistance: $10 \text{ m}\Omega$ or less

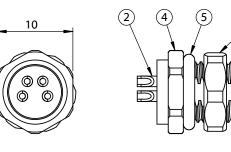
Mechanical Requirements Life cycle: 1000 mating cycles minimum

Environmental RequirementsSalt 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

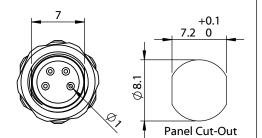
Assembly Info

Wire gauge: 24 AWG max









Revision:	Date:	Description:	Prepared:
Α	8/25/21	Initial Release	
			Verified:
			Dimensions are in millimeters.
			Tolerances:
			X: ± 0.3 mm
			X.X: ± 0.1 mm
			X.XX: ± 0.05 mm

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Notes:
RoHS compliant
Function test: no open, no short circuit, no intermittent

Description:

Connector, 4 pin M8 A-code plug, 8x19.2 mm, gold plated, panel mount, solder cup, IP67

TEN	ISI	LI	TY

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Size:	Part number:
Α	54-00291

M8 x 1.0

Sheet 1 of 1 Scale: 2:1