

SUMMARY

Wires

Low voltage 10



Image is for illustrative purpose only

Series 2S
Termination type Male solder
IP rating 50
AWG wire size 30.00 - 22.00
Cable Ø 3.30 - 4.20 mm
Status active
Matching parts [ERA.2S.310.CLL](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FFP*: Straight plug, cable collet and inner anti-rotating device and nut for fitting a bend relief

Keying Hermaphroditic keying (half moon insert) with male pin 1

Housing Material Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces

Variant Z : Nut for fitting a bend relief

Weight 35.26 g

Performance

Configuration 2S.310 : 10 Low Voltage

Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 7 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.9 mm (0.0354in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm² (AWG 22)
R (max): 4.8 mOhm

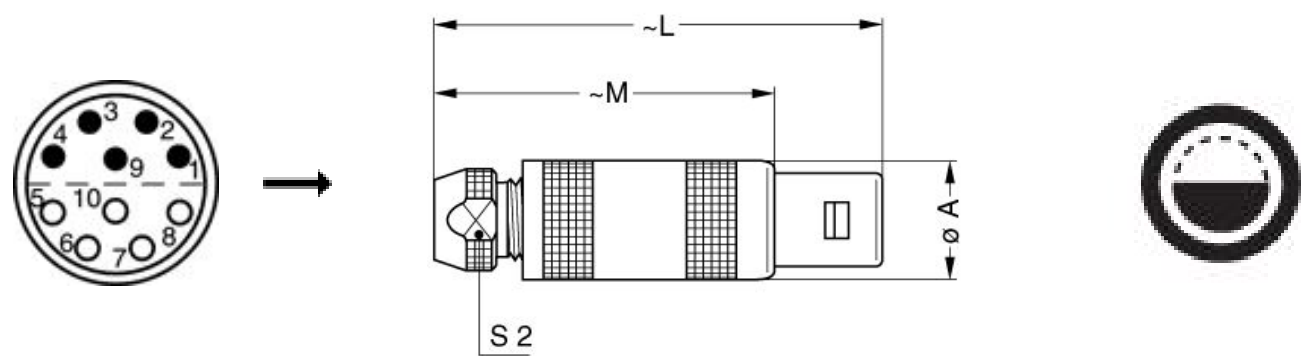
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Vtest: 800 V (AC), 1200 V (DC)

Others

- Endurance (Shell): 5000 mating cycles
- Temp (min / max): -55°C / +250°C
- Humidity (max): <=95% [at 60 deg C / 140 F]
- Vibration: 15 g [10 Hz - 2000 Hz]
- Shock Resistance: 100 g [6 ms]
- Climatical Category: 50/175/21
- Shielding (min): 75 dB (10 MHz)
- Shielding (min): 40 dB (1 GHz)
- Salt Spray Corrosion: >144 hr

DRAWINGS



Dimensions

	A	L	M	S2
mm.	14.8	52	40	12
in.	0,58	2,05	1,57	0,47

RECOMMENDED BY LEMO

Tools

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Spanner wrench:

[DCD.2S.025.PA110](#)

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