

SUMMARY

Wires

Low voltage 10



Image is for illustrative purpose only

Series 2T
Termination type Male crimp
IP rating 68
AWG wire size 24.00 - 20.00
Cable Ø 6.10 - 6.50 mm
Status active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying 2 keys (alpha=30; plug: male contacts, receptacle: female contacts)
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
Weight 31.45 g

Performance

Configuration T.310 : 10 Low Voltage
Insulator Y: PEEK for crimp contacts
Rated Current 8 Amps

Specifications

Contact Type: Crimp
Contact Retention: 30 N
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1.1 mm (0.043in)
Min. Conductor: 0.25 mm² (AWG 24)
Max. Conductor: 0.5 mm² (AWG 20)
R (max): 4.8 mOhm
Vtest (contact-shell): 2100 V (AC), 2970 V (DC)

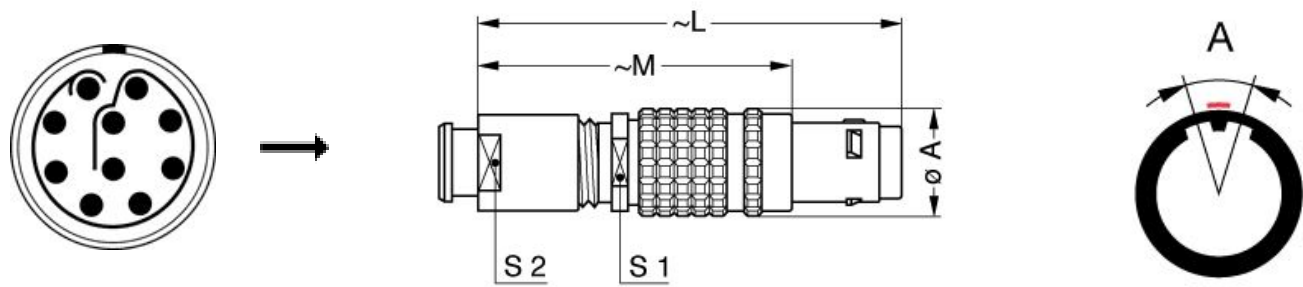
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Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

Others

- Endurance (Shell): >3000 mating cycles
- Temp (min / max): -55°C / +200°C
- Humidity (max): <=95% [at 60 deg C / 140 F]
- Resistance to vibration: 15 g [10 Hz - 2000 Hz]
- Shock Resistance: 100 g [6 ms]
- Climatical Category: 50/175/21
- Shielding efficiency (min): 75 dB (at 10 MHz)
- Shielding efficiency (min): 40 dB (at 1 GHz)
- Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	M	S1	S2
mm.	15	54	42	14	12
in.	0,59	2,13	1,65	0,55	0,47

RECOMMENDED BY LEMO

Tools

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Crimp Tool: [DPC.91.701.V](#)
Positionner: [DCE.91.092.BVC](#)
Extractor: [DCF.91.090.2LT](#)

Cables

210140	PVC	Grey	
210260	PVC	Black	

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