

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series 1T
Termination type Female crimp
IP rating 68
AWG wire size 24.00 - 20.00
Cable Ø 5.10 - 5.50 mm
Status active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PH*: Free receptacle, cable collet and nut for fitting a bend relief
Keying 1 key (alpha=0, 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
Variant Z : Nut for fitting a bend relief
Weight 25.68 g

Performance

Configuration T.305 : 5 Low Voltage
Insulator Y: PEEK for crimp contacts
Rated Current 9 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)

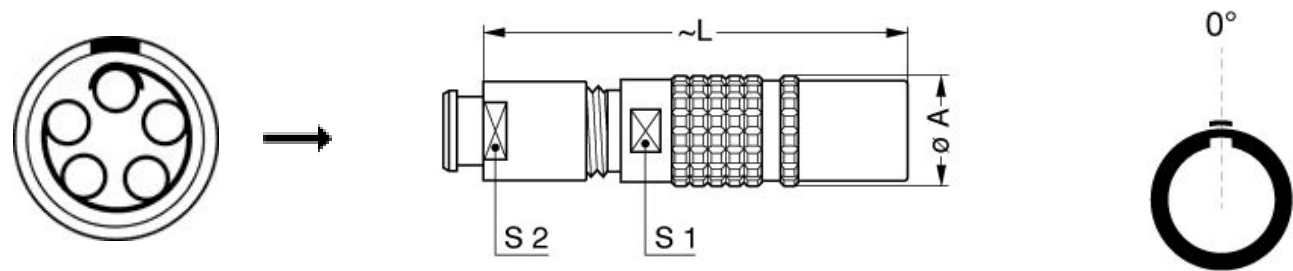
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R (max): 4.8 mOhm
Vtest (contact-shell): 1550 V (AC), 2200 V (DC)
Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

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
mm.	12	42.5
in.	0,47	1,67

RECOMMENDED BY LEMO

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Tools

- Crimp Tool:

[DPC.91.701.V](#)
- Positionner:

[DCE.91.091.BVM](#)
- Extractor:

[DCF.91.090.2LT](#)

Cables

CMN.05.T22.051QGZE	TPR (medical)	Grey	
150250	PVC	Grey	

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