

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series	1T
Termination type	Male crimp
IP rating	68
AWG wire size	24.00 - 20.00
Cable Ø	5.10 - 5.50 mm
Status	active
Matching parts	EGG.1T.305.CYM

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, 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	18.41 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 mm ² (AWG 24)
Max. Conductor: 0.5 mm ² (AWG 20)

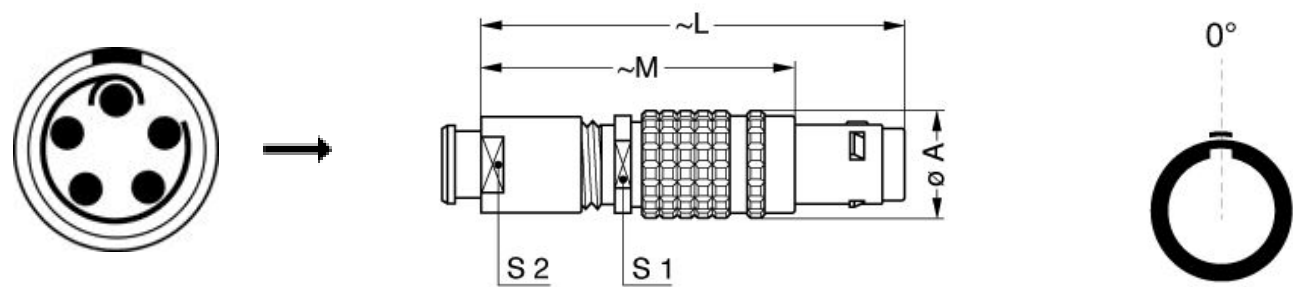
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R (max): 4.8 mOhm
Vtest (contact-shell): 1550 V (AC), 2200 V (DC)
Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

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	M	S1	S2
mm.	12	45	34	11	9
in.	0,47	1,77	1,34	0,43	0,35



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Tools

- Crimp Tool: [DPC.91.701.V](#)
- Positionner: [DCE.91.091.BVC](#)
- Extractor: [DCF.91.090.2LT](#)

Cables

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

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