

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 4.10 - 4.50 mm
Status active
Matching parts [EGA.1T.305.CYM](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FF*: Straight Plug, non latching, cable collet
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
Variant Z : Nut for fitting a bend relief
Weight 9.68 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)

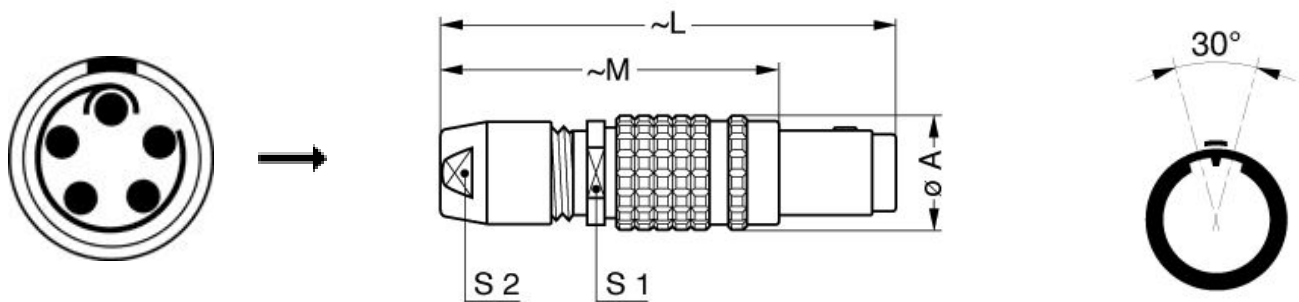
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R (max): 4.8 mOhm
 Vtest (contact-shell): 1550 V (AC), 2200 V (DC)
 Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

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	M	S1	S2
mm.	12	46	35	10	9
in.	0,47	1,81	1,38	0,39	0,35

RECOMMENDED BY LEMO

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Tools

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

Cables

50090	PVC	Black	
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