

SUMMARY

Wires

Low voltage 8



Image is for illustrative purpose only

Series 1T
Termination type Male crimp
IP rating 68
AWG wire size 26.00 - 22.00
Cable Ø 6.10 - 6.50 mm
Status active
Matching parts [EGG.1T.308.CYM](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FF*: Straight Plug, non latching, cable collet
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
Weight 8.91 g

Performance

Configuration 1T.308 : 8 Low Voltage
Insulator Y: PEEK for crimp contacts
Rated Current 5 Amps

Specifications

Contact Type: Crimp
Contact Retention: 22 N
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Min. Conductor: 0.14 mm² (AWG 26)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm
Vtest (contact-shell): 1300 V (AC), 1840 V (DC)

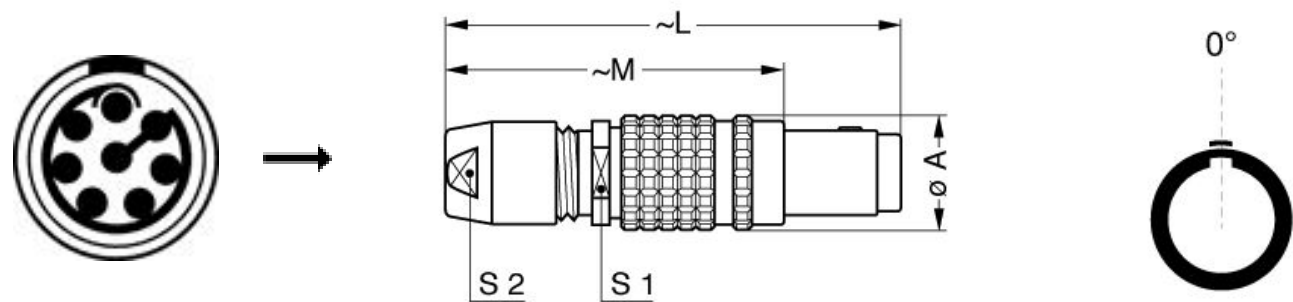
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Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

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

Tools

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Crimp Tool:	DPC.91.701.V
Positionner:	DCE.91.071.BVC
Extractor:	DCF.91.070.2LT

Cables

180240	PVC	Black	
280250	PVC	Grey	
335990	PVC	Black	
335991	PVC	Black	

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