

SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

Series	0T
Termination type	Female crimp
IP rating	68
AWG wire size	26.00 - 22.00
Cable Ø	4.60 - 5.00 mm
Status	active
Alternative part	FGL.0T.304.CYMK50
Matching parts	EGL.0T.304.CYC

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet
Keying	2 keys (gamma=80; plug: female contacts, receptacle: male 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	10.44 g

Performance

Configuration	T.304 : 4 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	7 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 mm ² (AWG 26)
Max. Conductor:	0.34 mm ² (AWG 22)
R (max):	6.1 mOhm
Vtest (contact-contact):	1350 V (AC), 1910 V (DC)

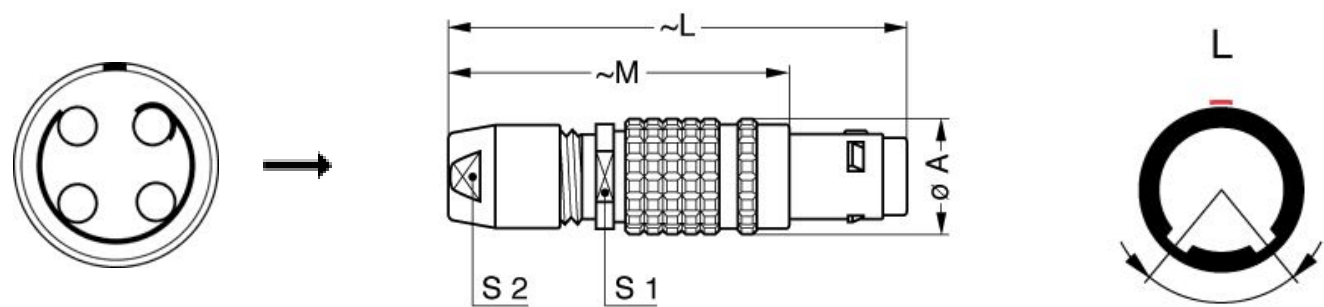
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Vtest (contact-shell): 1100 V (AC), 1560 V (DC)

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.	9.5	39	29	7.5	7
in.	0,37	1,54	1,14	0,30	0,28

RECOMMENDED BY LEMO

Tools

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Crimp Tool: [DPC.91.701.V](#)






Crimp settings: AWG/Selector = 22-24-26/6-5-5

Positionner: [DCE.91.070.BVM](#)

Extractor: [DCF.92.070.3LT](#)

Replacement contact: EGG.0B.655.ZZM

Cables

CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	
140240	PVC	Black	
140250	PVC	Grey	
40260	PVC	Black	
4221	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	

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