

SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

Series OT
Termination type Male crimp
IP rating 68
AWG wire size 26.00 - 22.00
Cable Ø 4.10 - 4.50 mm
Status active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PH*: Free receptacle, 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 23.20 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 mm² (AWG 26)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm
Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

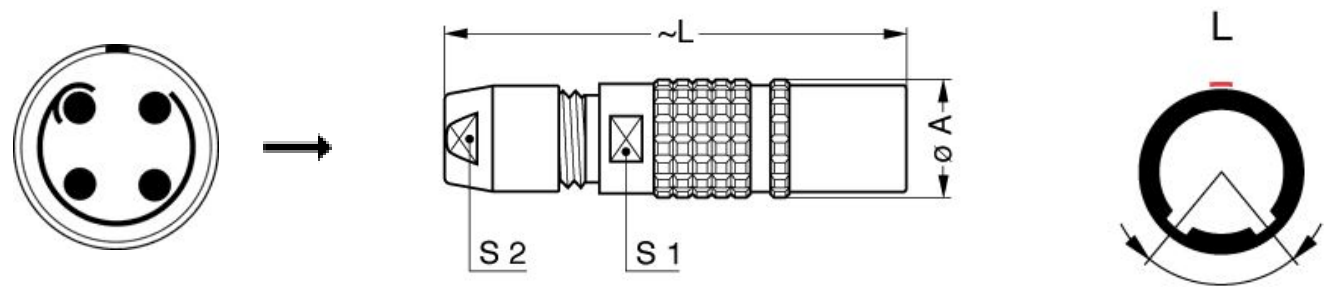
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Vtest (contact-shell): 1100 V (AC), 1560 V (DC)

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
mm.	9	38
in.	0,35	1,50

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.BVC
Extractor:	DCF.92.070.3LT
Replacement contact:	FGG.0B.555.ZZC

Cables

4280	PVC	Black	
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