

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series 0B
Termination type Male crimp
IP rating 50
AWG wire size 26.00 - 22.00
Cable Ø 0.00 - 0.00 mm
Status **Obsolete**
Matching parts [EGG.0B.305.CYM](#)

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[See video assembly instructions](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model FG*: Straight plug, 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 9.17 g

Performance

Configuration 0B.305 : 5 Low Voltage
Insulator Y: PEEK for crimp contacts
Rated Current 6.5 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): 1200 V (AC), 1700 V (DC)

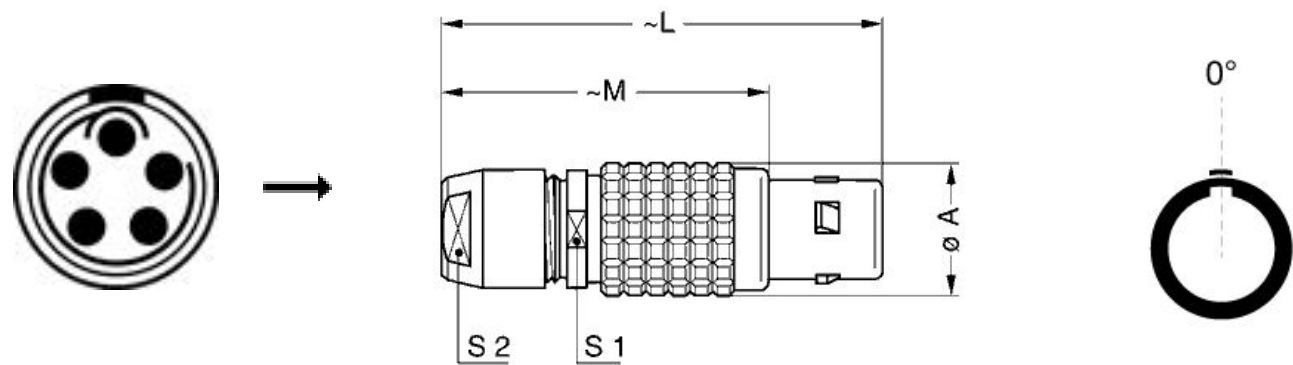
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Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

Others

- Endurance (Shell): 5000
- Temp (min / max): -55°C / +250°C
- Humidity (max): <=95% [at 60 deg C / 140 F]
- Vibration: 15 g [10 Hz - 2000 Hz]
- Shock Resistance: 100 g [6 ms]
- Climatical Category: 50/175/21
- Shielding (min): 75 dB (10 MHz)
- Shielding (min): 40 dB (1 GHz)
- Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	M	S1	S2
mm.	9.5	36	26	8	7
in.	0,37	1,42	1,02	0,31	0,28

RECOMMENDED BY LEMO

Tools

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Crimp Tool:	<u>DPC.91.701.V</u>
Crimp settings:	AWG/Selector = 22-24-26/6-5-5
Positionner:	<u>DCE.91.070.BVC</u>
Extractor:	<u>DCC.07.04B.LAG</u>
Replacement contact:	FGG.0B.555.ZZC
Spanner wrench:	<u>DCD.0B.ZZZ.PA070</u>
Caps:	<u>BFG.0B.100.PCSG</u>

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