

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series	0B
Termination type	Male crimp
IP rating	54
AWG wire size	26.00 - 22.00
Cable Ø	3.30 - 4.20 mm
Status	active
Matching parts	EGG.0B.305.CYM

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FE*: Straight plug, cable collet, front seal (IP 54 when mated)
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

Performance

Configuration	0B.305 : 5 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	6.5 Amps

Specifications

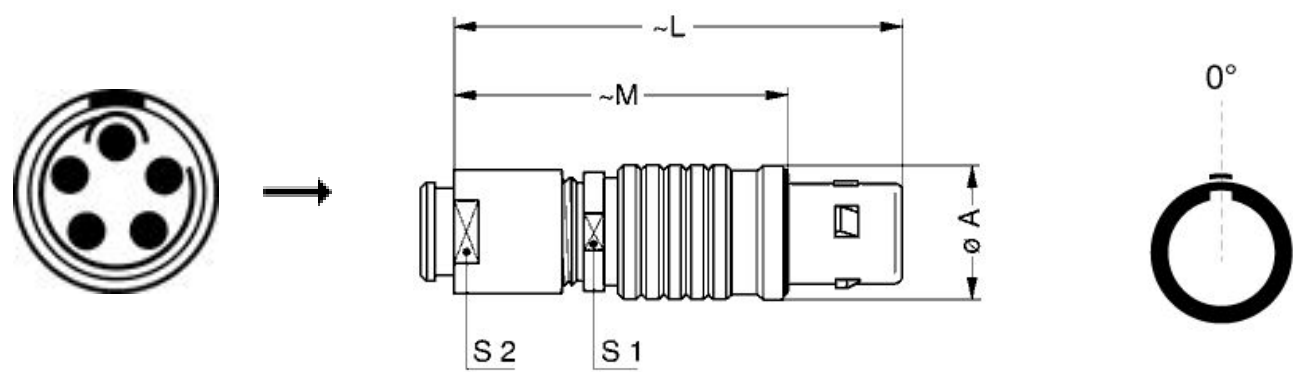
Contact Type: Crimp
Contact Retention: 22 N
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Min. Conductor: 0.14 mm² (AWG 26)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)
Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

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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.	11	35	25	8	7
in.	0,43	1,38	0,98	0,31	0,28

RECOMMENDED BY LEMO

Tools

Crimp Tool: [DPC.91.701.V](#)
Crimp settings: AWG/Selector = 22-24-26/6-5-5

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Positionner:	<u>DCE.91.070.BVC</u>
Extractor:	<u>DCF.92.070.3LT</u>
Replacement contact:	FGG.0B.555.ZZC
Spanner wrench:	<u>DCD.0B.005.PA070</u>

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