

SUMMARY

Wires

Low voltage 4



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.304.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
Weight	10.75 g

Performance

Configuration	0B.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)

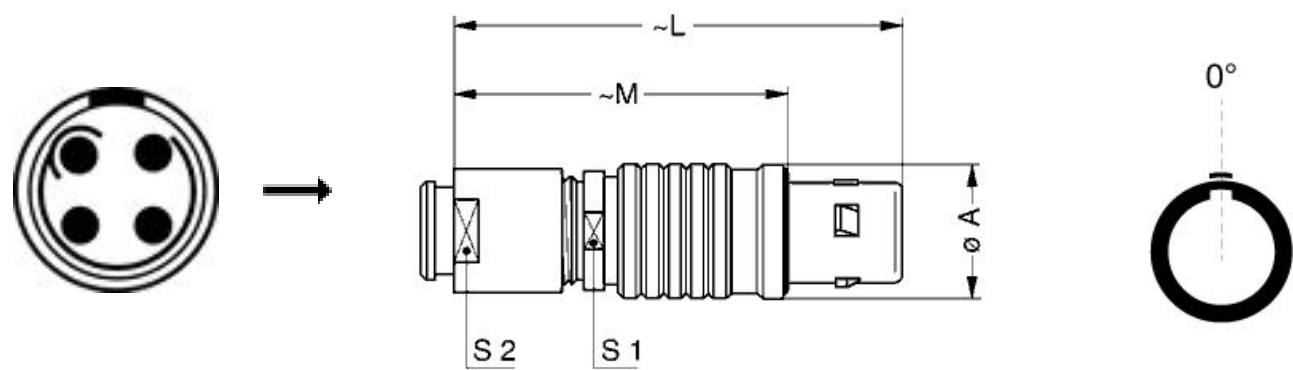
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Vtest (contact-shell): 1100 V (AC), 1560 V (DC)

Others

- Endurance (Shell): 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

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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
Spanner wrench:	DCD.0B.005.PA070

Cables

40080	PVC	Black	
40086	PVC	Blue	
40140	PVC	Black	
40240	PTFE	White	
4260	PTFE	White	

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