

## SUMMARY

### # Wires

Low voltage 4



*Image is for illustrative purpose only*

Series	0B
Termination type	Male crimp
IP rating	50
AWG wire size	26.00 - 22.00
Cable Ø	5.30 - 5.60 mm
Status	active
Matching parts	<a href="#">EGG.0B.304.CYM</a> <a href="#">PHG.0B.304.CYMD56</a>

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## 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	9.48 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<sup>2</sup> (AWG 26)  
Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 6.1 mOhm  
Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

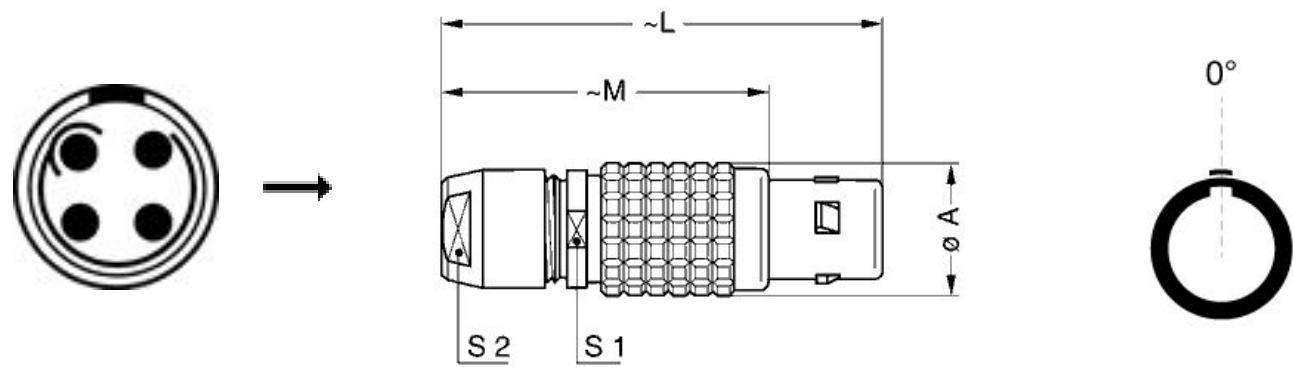
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Vtest (contact-shell): 1100 V (AC), 1560 V (DC)

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.	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:	<a href="#">DPC.91.701.V</a>
Crimp settings:	AWG/Selector = 22-24-26/6-5-5
Positionner:	<a href="#">DCE.91.070.BVC</a>
Extractor:	<a href="#">DCF.92.070.3LT</a>
Replacement contact:	FGG.0B.555.ZZC
Spanner wrench:	<a href="#">DCD.0B.005.PA070</a>
Caps:	<a href="#">BFG.0B.100.PCSG</a>

Cables

4220	PVC	Black	
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