

## 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](#)

### Download

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[Catalog](#)

## 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) shell and collet nut, nickel plated 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 mm<sup>2</sup> (AWG 26)  
Max. Conductor: 0.34 mm<sup>2</sup> (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)

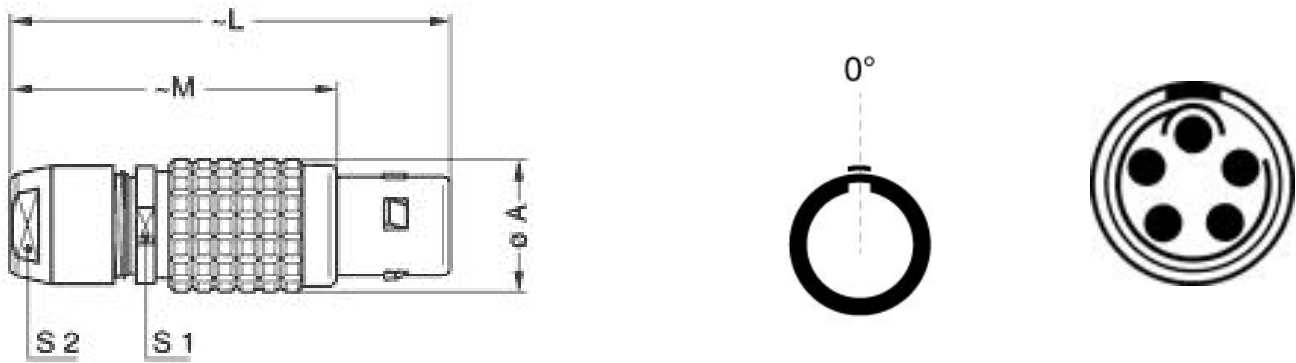
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Others

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

Draws



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

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

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Positionner:	<a href="#"><u>DCE.91.070.BVC</u></a>
Extractor:	<a href="#"><u>DCF.92.070.3LT</u></a>
Replacement contact:	FGG.0B.555.ZZC
Spanner wrench:	<a href="#"><u>DCD.0B.005.PA070</u></a>
Caps:	<a href="#"><u>BFG.0B.100.PCSG</u></a>

## Cables

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