

## SUMMARY

### # Wires

Low voltage	2
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*Image is for illustrative purpose only*

Series	0B
Termination type	Female crimp
IP rating	50
AWG wire size	24.00 - 20.00
Cable Ø	5.30 - 5.60 mm
Status	active
Matching parts	<a href="#">FGG.0B.302.CYCD56</a>

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[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PH*: Free receptacle, 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

### Performance

Configuration	0B.302 : 2 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	10 Amps

### Specifications

Contact Type:	Crimp
Contact Retention:	30 N
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	1.1 mm (0.043in)
Min. Conductor:	0.25 mm <sup>2</sup> (AWG 24)
Max. Conductor:	0.5 mm <sup>2</sup> (AWG 20)
R (max):	4.8 mOhm
Vtest (contact-shell):	1200 V (AC), 1700 V (DC)
Vtest(contact-contact):	1450 V (AC), 2100 V (DC)

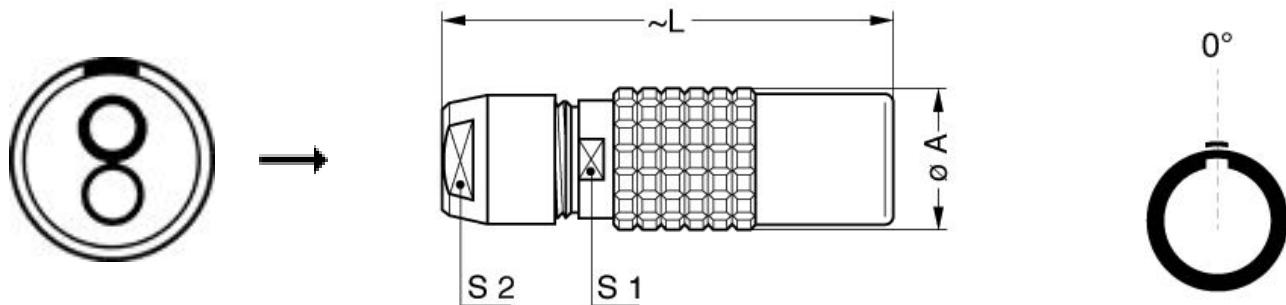
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## Others

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

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## DRAWINGS



## Dimensions

	A	L	S1	S2
mm.	9.5	35.5	8	7
in.	0,37	1,40	0,31	0,28

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## RECOMMENDED BY LEMO

### Tools

Crimp Tool: [DPC.91.701.V](#)

Crimp settings: AWG/Selector = 20-22-24/6-5-5

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Positionner: [DCE.91.090.BVM](#)  
Extractor: [DCF.91.090.2LT](#)  
Replacement contact: EGG.0B.660.ZZM  
Spanner wrench: [DCD.0B.005.PA070](#)

## Cables

120184	PVC	Black	
120500	PVC	Grey	
120751	PVC	Grey	

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