

## SUMMARY

### # Wires

Low voltage 9



*Image is for illustrative purpose only*

Series	0B
Termination type	Male crimp
IP rating	50
AWG wire size	32.00 - 28.00
Cable Ø	3.30 - 4.20 mm
Status	active

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[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	JG*: Straight plug short with 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.309 : 9 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	2 Amps

### Specifications

Contact Type:	Crimp
Contact Retention:	12 N
Contact Dia.:	0.5 mm (0.02in)
Bucket Dia.:	0.45 mm (0.018in)
Min. Conductor:	0.035 mm <sup>2</sup> (AWG 32)
Max. Conductor:	0.09 mm <sup>2</sup> (AWG 28)
R (max):	8.7 mOhm
Vtest (contact-shell):	850 V (AC), 1200 V (DC)
Vtest (contact-contact):	1000 V (AC), 1400 V (DC)

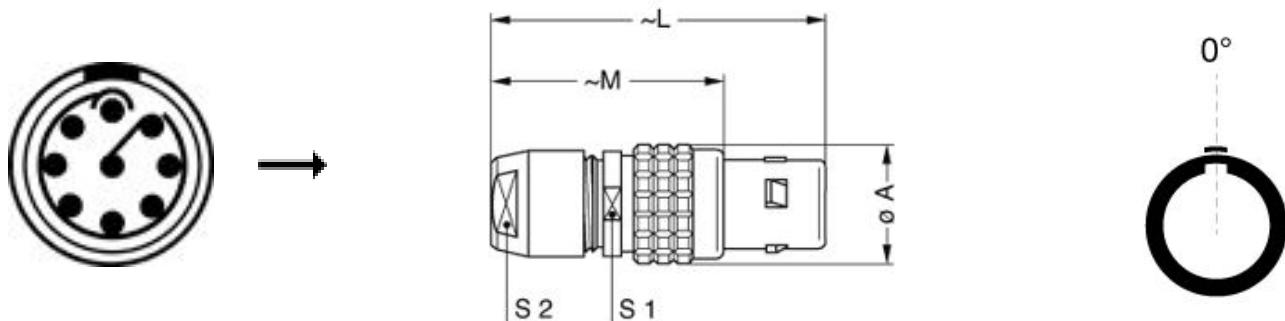
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## Others

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	M	S1	S2
mm.	9.5	32	22.0	8	7
in.	0,37	1,26	0,87	0,31	0,28

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## RECOMMENDED BY LEMO

### Tools

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

Crimp settings: AWG/Selector = 28-30-32/4-3-3

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Positionner: [DCE.91.050.BVC](#)

Extractor: [DCF.91.050.2LT](#)

Replacement contact: FGG.0B.554.ZZC

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