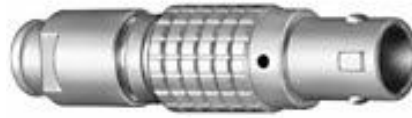


## SUMMARY

### # Wires

Low voltage 9



*Image is for illustrative purpose only*

Series 0B  
Termination type Male solder  
IP rating 50  
AWG wire size 34.00 - 28.00  
Cable Ø 4.30 - 5.20 mm  
Status active  
Matching parts [EGG.0B.309.CLL](#)  
[PHG.0B.309.CLLD52Z](#)

### Download

[Request a quote](#)  
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[See video assembly instructions](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FG\*: Straight plug, cable collet and nut for fitting a bend relief  
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  
Variant Z : Nut for fitting a bend relief  
Weight 8.75 g

### Performance

Configuration 0B.309 : 9 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 2 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 0.5 mm (0.02in)  
Bucket Dia.: 0.45 mm (0.018in)  
Max. Solid Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
Max. Stranded Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
R (max): 8.7 mOhm  
Vtest (contact-shell): 500 V (AC), 710 V (DC)

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Vtest (contact-contact): 600 V (AC), 850 V (DC)

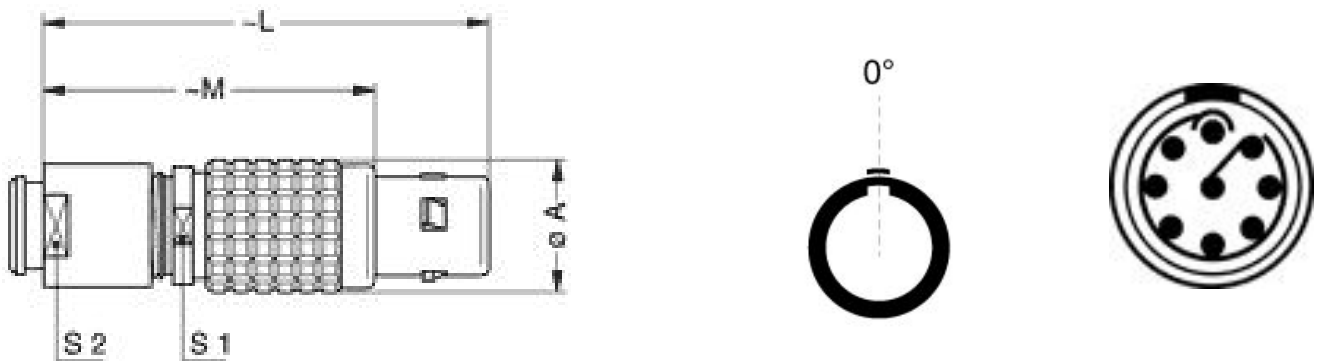
## Others

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

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## DRAWINGS

### Draws



### Dimensions

|     | A    | L    | M    | S1   | S2   |
|-----|------|------|------|------|------|
| mm. | 9.5  | 35   | 25   | 8    | 7    |
| in. | 0,37 | 1,38 | 0,98 | 0,31 | 0,28 |

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## RECOMMENDED BY LEMO






### Tools

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Spanner wrench: [DCD.0B.005.PA070](#)

Caps: [BFG.0B.100.PCSG](#)

## Cables

|                    |               |       |   |
|--------------------|---------------|-------|---|
| CMN.09.T28.051PGCE | PVC           | GREY  |  |
| CMN.09.T28.051QGZE | TPR (medical) | Grey  |  |
| CMN.09.T28.050CNQZ |               |       |   |
| CMN.09.T28.051PGZE |               | Grey  |  |
| CMN.09.T28.051PNCE | PVC           | Black |  |
| CMN.09.T28.051PNZE |               |       |  |

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