

## SUMMARY

### # Wires

Low voltage 7

*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

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model \*:   
Keying   
Housing Material Special housing (see notes for details)  
Variant Z : Nut for fitting a bend relief  
Weight 9.92 g

### Performance

Configuration 0B.307 : 7 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 2.5 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): 700 V (AC), 990 V (DC)

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Vtest (contact-contact): 800 V (AC), 1130 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)

DRAWINGS



RECOMMENDED BY LEMO

Tools

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

Cables

|                    |  |      |                                                                                       |
|--------------------|--|------|---------------------------------------------------------------------------------------|
| CMN.07.T28.044PGZE |  | Grey |  |
| CMN.07.T28.044PNZE |  |      |  |

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