

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 7

Series 0B  
Termination type Female solder  
IP rating 50  
AWG wire size 34.00 - 28.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [FGG.0B.307.CLAD52Z](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model EG\*: Fixed receptacle, nut fixing  
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  
Weight 4.31 g

### Performance

Configuration 0B.307 : 7 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 2.5 Amps

### Specifications

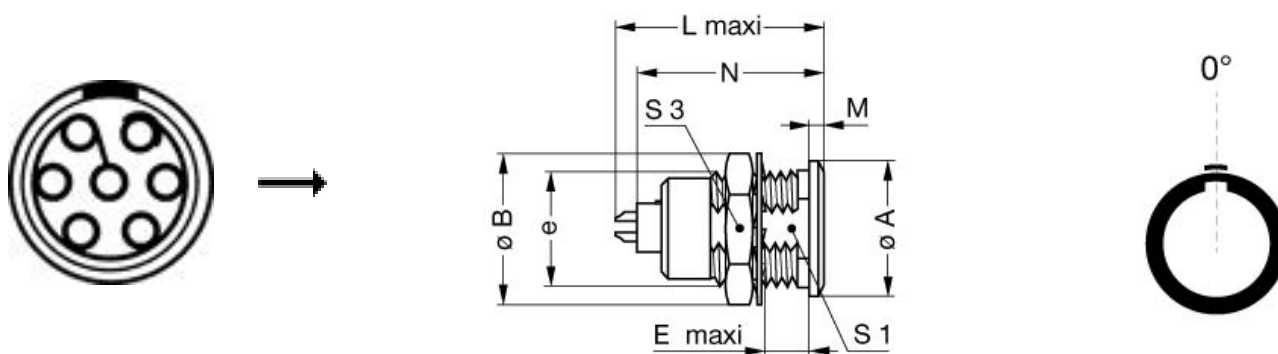
Contact Type: Solder  
Contact Dia.: 0.5 mm (0.02in)  
Bucket Dia.: 0.45 mm (0.018in)  
Max. Solid Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
Max. Stranded Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
R (max): 8.7 mOhm  
Vtest (contact-shell): 700 V (AC), 990 V (DC)  
Vtest (contact-contact): 800 V (AC), 1130 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



## Dimensions

|     | A    | B    | E    | L    | M    | N    | S1   | S3   | e      |
|-----|------|------|------|------|------|------|------|------|--------|
| mm. | 10   | 12.5 | 7    | 20.7 | 1.2  | 19.1 | 8.2  | 11   | M9x0.6 |
| in. | 0,39 | 0,49 | 0,28 | 0,81 | 0,05 | 0,75 | 0,32 | 0,43 |        |

## RECOMMENDED BY LEMO

## Tools

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## Cables

|                    |     |       |                                                                                     |
|--------------------|-----|-------|-------------------------------------------------------------------------------------|
| CMN.07.T28.044PGZE |     | Grey  |  |
| CMN.07.T28.044PNZE |     |       |  |
| 7041               | PVC | Grey  |   |
| 7050               | PVC | Black |  |
| 717920             | PVC | Grey  |   |
| CTR.75.030.121875G | PVC | Grey  |   |

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