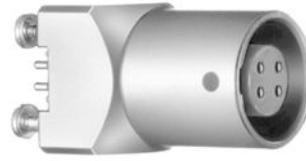


## SUMMARY

### # Wires

Low voltage 7



*Image is for illustrative purpose only*

|                  |                                    |
|------------------|------------------------------------|
| Series           | 0B                                 |
| Termination type | Female print PCB                   |
| IP rating        | 50                                 |
| AWG wire size    | 34.00 - 28.00                      |
| Cable Ø          | 0.00 - 0.00 mm                     |
| Status           | active                             |
| Matching parts   | <a href="#">FGG.0B.307.CLAD52Z</a> |

### Download

- [Request a quote](#)
- [PCB Eagle Pattern](#)
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- [Catalog](#)

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | EZ*: Straight receptacle for printed circuit  |
| 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            | 6.30 g  |

### Performance

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

### Specifications

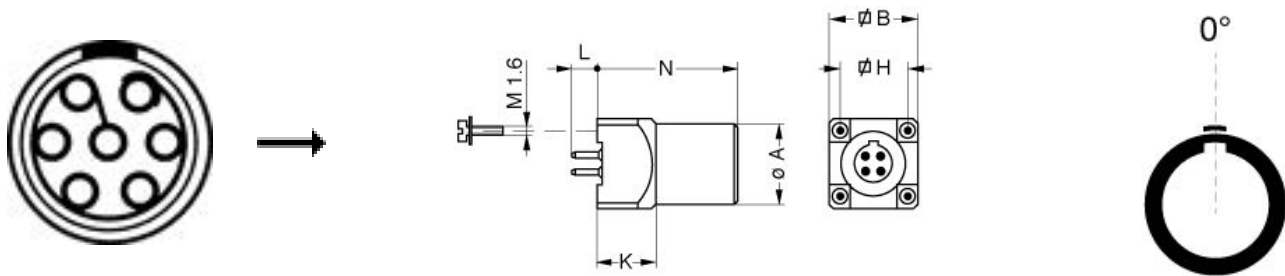
Contact Type: Print (straight)  
Contact Dia.: 0.5 mm (0.02in)  
R (max): 8.7 mOhm  
Vtest (contact-shell): 700 V (AC), 990 V (DC)  
Vtest (contact-contact): 800 V (AC), 1130 V (DC)

### Others

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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    | H    | K    | L     | N    |
|-----|------|------|------|------|-------|------|
| mm. | 9    | 10   | 7.62 | 8    | 3-4.5 | 15   |
| in. | 0,35 | 0,39 | 0,30 | 0,31 | 0,12  | 0,59 |

## RECOMMENDED BY LEMO

### Tools

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