

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 9

|                  |                                   |
|------------------|-----------------------------------|
| 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.309.CLAD42</a> |

### Download

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

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | EY*: Fixed receptacle for printed circuit, nut fixing (back panel mounting)   |
| 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            | 7.69 g  |

### Performance

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

### Specifications

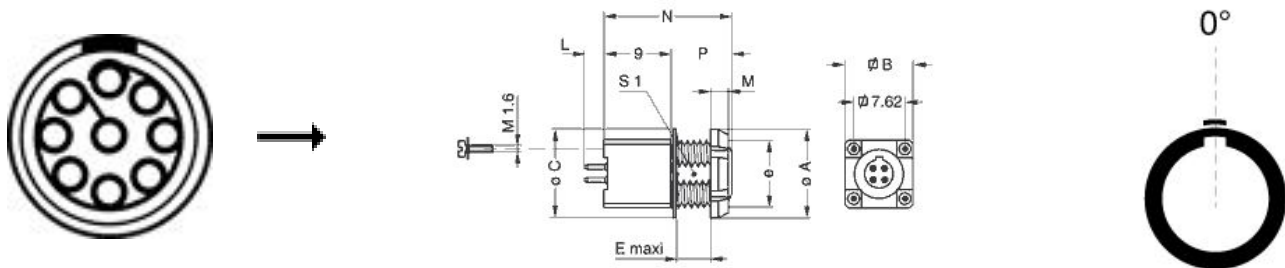
Contact Type: Print (straight)  
Contact Dia.: 0.5 mm (0.02in)  
R (max): 8.7 mOhm  
Vtest (contact-shell): 500 V (AC), 710 V (DC)  
Vtest (contact-contact): 600 V (AC), 850 V (DC)

### 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    | C    | D    | E    | M    | N    | P    | S1   | e      |
|-----|------|------|------|------|------|------|------|------|------|--------|
| mm. | 12   | 10   | 12.5 | 7.62 | 2.6  | 2.5  | 15   | 6    | 8.2  | M9x0.6 |
| in. | 0,47 | 0,39 | 0,49 | 0,30 | 0,10 | 0,10 | 0,59 | 0,24 | 0,32 |        |

## RECOMMENDED BY LEMO

### Tools

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