

## SUMMARY

### # Wires

Low voltage 8



Image is for illustrative purpose only

|                  |                                    |
|------------------|------------------------------------|
| Series           | 1B                                 |
| Termination type | Female print PCB                   |
| IP rating        | 50                                 |
| AWG wire size    | 30.00 - 22.00                      |
| Cable Ø          | 0.00 - 0.00 mm                     |
| Status           | active                             |
| Matching parts   | <a href="#">FGG.1B.308.CLAD62Z</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |  |
|-------------------|--|
| Shell Style/Model | EP*: Elbow receptacle for printed circuit (solder or screw fixing)             |
| Keying            | 1 key (alpha=0, plug: male contacts, receptacle: female contacts)              |
| Housing Material  | PPS (Polyphenylene) shell, other pieces nickel plated [SAE AMS QQ N 290] brass |
| Variant           | S : Screw fixing option  |
| Weight            | 12.73 g  |

### Performance

|               |                            |
|---------------|----------------------------|
| Configuration | 1B.308/EPG : 8 Low Voltage |
| Insulator     | L: PEEK (UL 94 / V-0/1.5)  |
| Rated Current | 2 Amps                     |

### Specifications

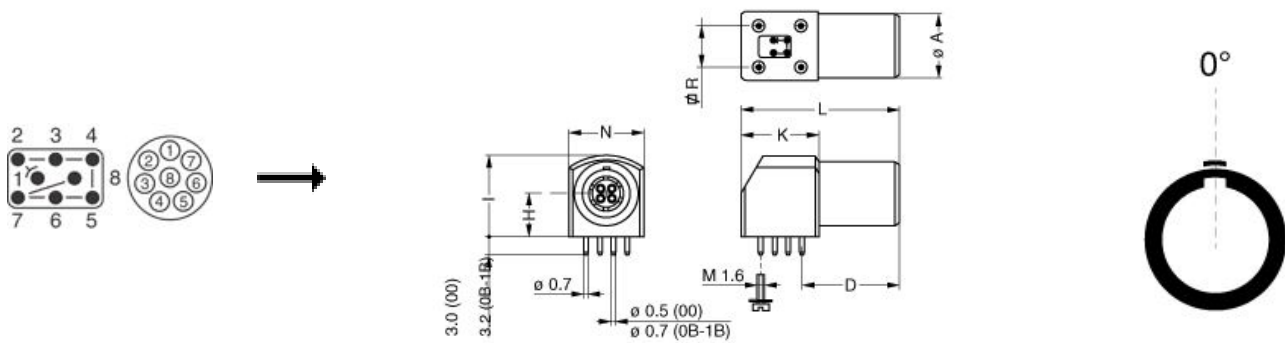
Contact Type: Print (straight)  
Contact Dia.: 0.7 mm (0.028in)  
R (max): 6.1 mOhm  
Test voltage contact-contact : 1.3 kV rms  
Test voltage contact-body shell : 1.3 kV rms

### 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: 20/80/21  
 Shielding (min): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 Salt Spray Corrosion: >144 hr

## DRAWINGS



### Dimensions

|     | A    | D    | H    | I    | K    | L    | N    | R    |
|-----|------|------|------|------|------|------|------|------|
| mm. | 11   | 16.6 | 7.5  | 14   | 13.3 | 27   | 12.6 | 7.62 |
| in. | 0,43 | 0,65 | 0,30 | 0,55 | 0,52 | 1,06 | 0,50 | 0,30 |

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