

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 6

| | |
|------------------|------------------------------------|
| 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 | FGG.1B.306.CLAD52Z |

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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 |
| Weight | 12.13 g |

Performance

| | |
|---------------|----------------------------|
| Configuration | 1B.306/EPG : 6 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 4.5 Amps |

Specifications

Contact Type: Print (straight)
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Test voltage contact-contact : 1.35 kV rms
Test voltage contact-body shell : 1.45 kV rms

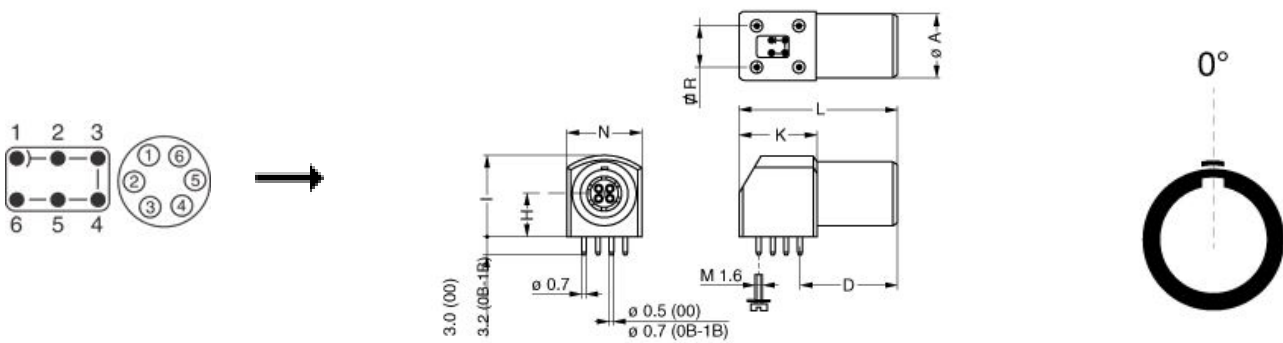
Others

Endurance (Shell): 5000

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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: >144 hr
 12NC part number: 4022.438.33301

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 |

RECOMMENDED BY LEMO

Tools

Cables

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