

SUMMARY

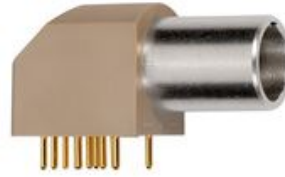


Image is for illustrative purpose only

Wires

| | |
|---------|---|
| Low | 7 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |

| | |
|------------------|------------------------------------|
| Series | 1B |
| Termination type | Female print PCB |
| IP rating | 50 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | active |
| Alternative part | |
| Matching parts | FGG.1B.307.CLAD62Z |

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- [PCB Eagle Pattern](#)
- [PCB Altium Pattern](#)
- [PCB KiCad Pattern](#)
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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 brass |
| Variant | |
| Weight | 12.20 g |

Performance

| | |
|---------------|----------------------------|
| Configuration | 1B.307/EPG : 7 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 : | 1.45 kV rms |

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Test voltage contact-body shell : 1.45 kV rms

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: >144 hr
IP Rating: 50

DRAWINGS

Draws



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

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None

Cables

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