

SUMMARY

Wires

| | |
|-------------|----|
| Low voltage | 22 |
| Coax | 1 |



Image is for illustrative purpose only

| | |
|------------------|------------------------------------|
| Series | 3B |
| Termination type | |
| IP rating | 50 |
| AWG wire size | 30.00 - 22.00 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | active |
| Matching parts | FGG.3B.822.CLAD101 |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | EE*: Fixed receptacle, nut fixing with straight contacts for printed circuit(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 | 30.97 g |

Performance

| | |
|---------------|-------------------------------------|
| Configuration | 3B.822 : 1 Coax (50 Ohm), 22 Low V. |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 5 Amps |

Specifications

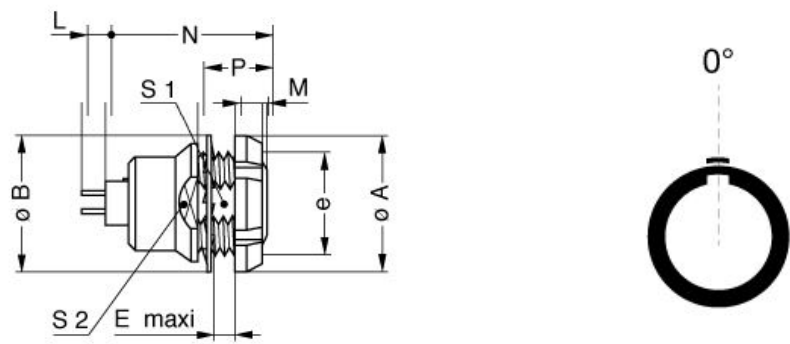
Contact Type: Coaxial 50 Ohm (PCB) Type C
 Contact Dia.: 0.7 mm (0.03in)
 R (max): 5.8 mOhm
 Test voltage (kV rms): 0.7
 Test voltage (kV dc): 1
 Cable type: RG 174 A/U, RG 188 A/U, RG 316 /U

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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: >1000 hr

DRAWINGS



Dimensions

| | A | B | E | L | M | N | P | S1 | S2 | e |
|-----|------|------|------|------|------|------|------|------|------|---------|
| mm. | 24 | 25 | 6.1 | 30.7 | 4.5 | 28.1 | 12 | 16.5 | 20 | M18x1.0 |
| in. | 0,94 | 0,98 | 0,24 | 1,21 | 0,18 | 1,11 | 0,47 | 0,65 | 0,79 | |

RECOMMENDED BY LEMO

Tools

- Extractor: [DCC.91.384.5LA](#)
- Die Tool: [DPE.99.103.8K](#)

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