

## 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   | <a href="#">FGA.3B.822.CLAD71Z</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | EC*: Fixed receptacle with two nuts and straight contacts for printed circuit (back panel mounting)                           |
| Keying            | 2 keys (alpha=30, 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

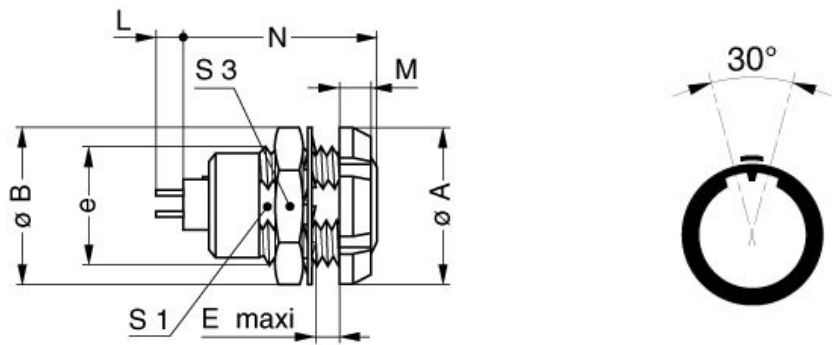
|   |
|---|
| Contact Type: Coaxial 50 Ohm (PCB) Type C     |
| Contact Dia.: 0.7 mm (0.03in)                 |
| R (max): 5.8 mOhm                             |
| Test voltage (kV rms): 0.7                    |
| Test voltage (kV dc): 1                       |
| Cable type: RG 174 A/U, RG 188 A/U, RG 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    | Lmax | M    | N    | S1   | S3   | e       |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 24   | 25   | 9    | 30.3 | 4.5  | 25   | 16.5 | 22   | M18x1.0 |
| in. | 0,94 | 0,98 | 0,35 | 1,19 | 0,18 | 0,98 | 0,65 | 0,87 |         |

RECOMMENDED BY LEMO

Tools

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

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