

SUMMARY

Wires

| | |
|-------------|----|
| Low voltage | 16 |
| Coax | 2 |



Image is for illustrative purpose only

| | |
|------------------|------------------------------------|
| Series | 3B |
| Termination type | Female crimp mixed / multi |
| IP rating | 50 |
| AWG wire size | 26.00 - 22.00 |
| Cable Ø | 0.00 - 0.00 mm |
| Status | active |
| Matching parts | FGG.3B.856.CLCD103 |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | EC*: Fixed receptacle with two nuts (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 | 33.73 g |

Performance

| | |
|---------------|-------------------------------------|
| Configuration | 3B.856 : 2 Coax (50 Ohm), 16 Low V. |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 7 Amps |

Specifications

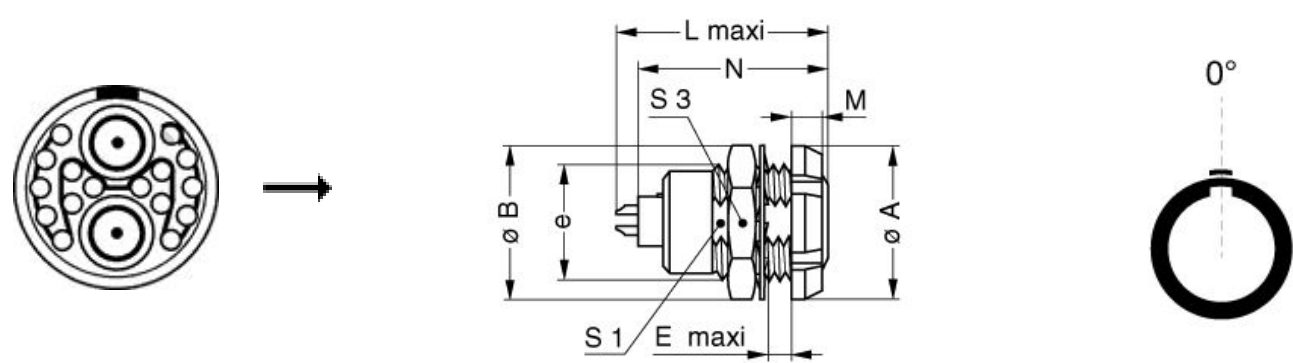
| |
|---|
| Contact Type: Coaxial 50 Ohm (Crimp) Type C |
| Contact Dia.: 0.7 mm (0.03in) |
| Min. Conductor: 0.34 mm ² (AWG 22) |
| Max. Conductor: 0.34 mm ² (AWG 22) |
| R (max): 5.8 mOhm |
| Test voltage (kV rms): 0.7 |
| Test voltage (kV dc): 1 |
| Cable type: RG 179 B/U, RG 187 A/U |

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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 | S1 | S3 | e |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 24 | 25 | 9 | 30.7 | 4.5 | 28.1 | 16.5 | 22 | M18x1.0 |
| in. | 0,94 | 0,98 | 0,35 | 1,21 | 0,18 | 1,11 | 0,65 | 0,87 | |

RECOMMENDED BY LEMO

Tools

- Crimp Tool: [DPC.91.701.V](#)
- Crimp settings: AWG/Selector = 22-24-26/6-5-5

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Positionner: [DCE.91.073.BVM](#)
Extractor: [DCC.91.384.5LA](#)
Die Tool: [DPE.99.103.8K](#)
Replacement contact: EGG.3B.655.ZZM

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