

## Excellent Integrated System Limited

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[FGG.3B.822.CLAD123](#)

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# FGG.3B.822.CLAD123

## SUMMARY

### # Wires

|         |    |
|---------|----|
| Low     | 22 |
| High    | 0  |
| Coax    | 1  |
| Triax   | 0  |
| Quad    | 0  |
| Fiber   | 0  |
| Fluidic | 0  |



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|                  |                           |
|------------------|---------------------------|
| Series           | 3B                        |
| Termination type | Mixed coaxial/ Multi coax |
| IP rating        | 50                        |
| Cable Ø          | 10.80 - 11.90 mm          |
| Matching parts   | EGG.3B.822.CLL2           |

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | FG*: Straight plug, cable collet  |
| Keying            | 1 key (alpha=0, plug: male contacts, receptacle: female contacts)                           |
| Housing Material  | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing      | D12: 10.8 - 11.9 mm   |
| Variant           |   |

### Performance

|               |  |
|---------------|--|
| Configuration | 3B.822 : 1 Coax (50 Ohm), 22 Low V.                      |
| Insulator     | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 5 Amps   |

### Specifications

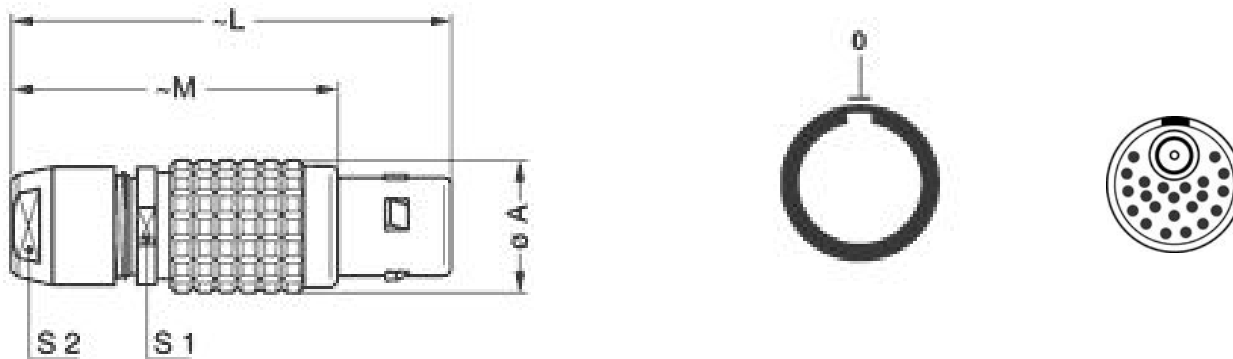
|                        |                               |
|------------------------|-------------------------------|
| Contact Type:          | Coaxial 50 Ohm (Crimp) Type C |
| Max. Matings:          | 5000                          |
| Contact Dia.:          | 0.7 mm (0.03in)               |
| R (max):               | 5.8 mOhm                      |
| Test voltage (kV rms): | 0.7                           |
| Test voltage (kV dc):  | 1                             |
| Cable type:            | RG 179 B/U, RG 187 A/U        |

### Others

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]  
 Salt Spray Corrosion: >1000 hr  
 Climatical Category: 50/175/21  
 Shielding (min): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 IP Rating: 50

## DRAWINGS

### Draws



### Dimensions

|     | A    | L    | M    | S1   | S2   |
|-----|------|------|------|------|------|
| mm. | 18   | 58   | 43   | 15   | 14   |
| in. | 0,71 | 2,28 | 1,69 | 0,59 | 0,55 |

## RECOMMENDED BY LEMO

### Tools

Extractor: DCC.91.384.5LA  
 Coax Tool: -  
 Die Tool: DPE.99.103.8K  
 Spanner wrench: MTZ.3B.355.140  
 Caps: BFG.3B.100.PCSG

### Cables

