

## SUMMARY



Image is for illustrative purpose only

### # Wires

Fiber optic 1

Series 2B  
Termination type Hybrid contacts  
IP rating 50  
AWG wire size 30.00 - 22.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [FGG.2B.96J.CLAD52Z](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model EG\*: Fixed receptacle, nut fixing  
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 13.93 g

### Performance

Configuration 2B.96J : 1 FO Type F1, 10 LV  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 6 Amps

### Specifications

Contact Type: Solder  
Fiber Optic Contact: Type F1 (must be ordered separately)  
Vtest (contact-shell): 1350 V (AC), 1910 V (DC)  
Vtest (contact-contact): 1150 V (AC), 1630 V (DC)

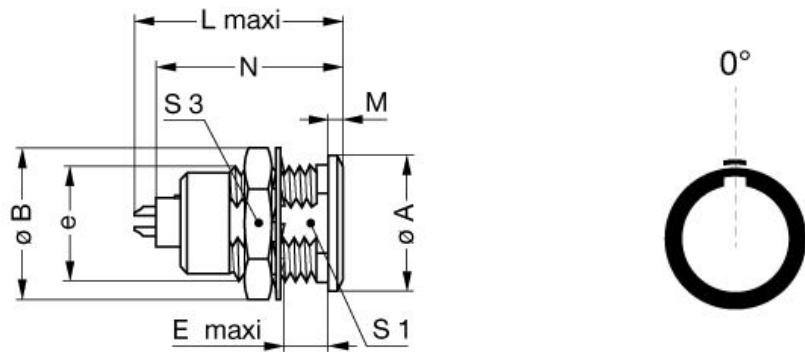
### Others

Endurance (Shell): 5000

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Temp (min / max): -40° C / +80° 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. | 18   | 19.5 | 8.5  | 26.7 | 1.8  | 24.6 | 13.5 | 17   | M15x1.0 |
| in. | 0,71 | 0,77 | 0,33 | 1,05 | 0,07 | 0,97 | 0,53 | 0,67 |         |

## RECOMMENDED BY LEMO

### Tools

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