

## SUMMARY

### # Wires

Fiber optic 1



*Image is for illustrative purpose only*

Series 2B  
Termination type Hybrid contacts  
IP rating 50  
AWG wire size 30.00 - 22.00  
Cable Ø 6.30 - 7.20 mm  
Status active  
Matching parts [EGG.2B.96J.CLL](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FG\*: Straight plug, cable collet and nut for fitting a bend relief  
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  
Variant Z : Nut for fitting a bend relief  
Weight 28.69 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

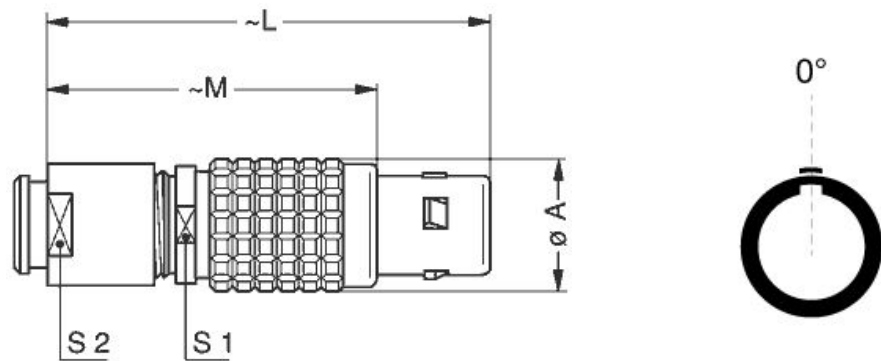
Contact Type: Solder  
Fiber Optic Contact: Type F1 (must be ordered separately)  
Vtest (contact-shell): 1350 V (AC), 1910 V (DC)  
Vtest (contact-contact): 1150 V (AC), 1630 V (DC)

### Others

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Endurance (Shell): 5000  
 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	L	M	S1	S2
mm.	15	49	37	13	12
in.	0,59	1,93	1,46	0,51	0,47

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.2B.025.PA120](#)

Caps: [BFG.2B.100.PCSG](#)

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