

## 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 2.20 - 3.20 mm  
Status **obsolete**  
Alternative part [FGG.2B.96C.CLAM32](#)  
Matching parts [EGG.2B.96C.CLL](#)

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## 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 [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces

### Performance

Configuration 2B.96C : 1 FO Type F1, 4 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): 1200 V (AC), 1700 V (DC)  
Vtest (contact-contact): 850 V (AC), 1200 V (DC)

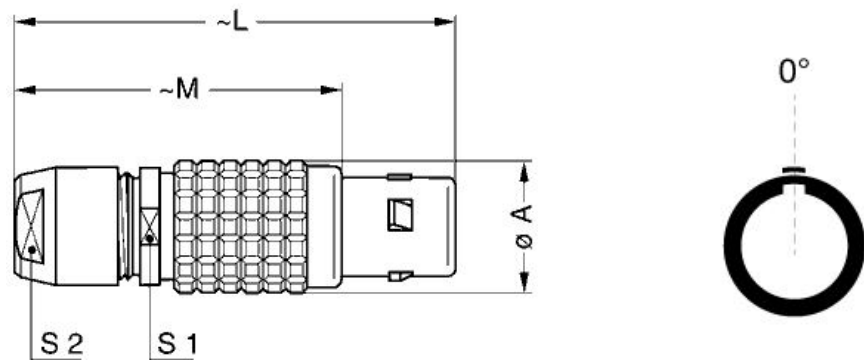
### Others

Endurance (Shell): 5000  
Temp (min / max): -40° C / +80° C

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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	50	38	13	12
in.	0,59	1,97	1,50	0,51	0,47

## RECOMMENDED BY LEMO

### Tools

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

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

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