

## SUMMARY

### # Wires

High voltage 7



*Image is for illustrative purpose only*

Series 2B  
Termination type Female solder  
IP rating 50  
AWG wire size 0.00 - 0.00  
Cable Ø 7.30 - 8.20 mm  
Status active  
Matching parts [EGG.2B.437.CJA](#)

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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 29.07 g

### Performance

Configuration 2B.437 : 7 High Voltage  
Insulator J: PEEK/PEEK  
Rated Current 1 Amps

### Specifications

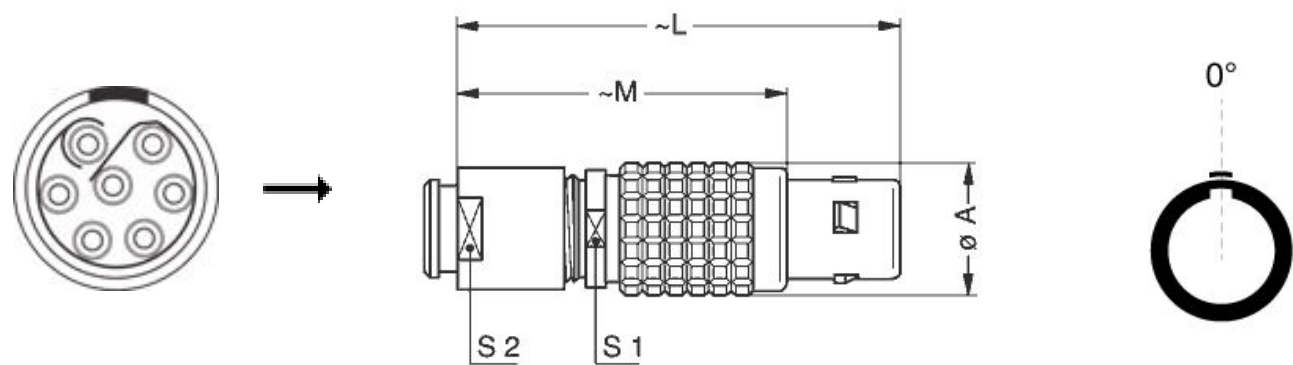
Contact Type: Solder  
Test voltage (kV DC) 9  
Test voltage (kV AC) 6.4  
Creepage distance min.: 4.7 mm

### Others

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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    | 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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