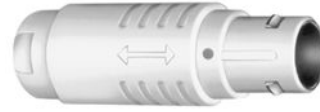


## SUMMARY

### # Wires

Low voltage 48



*Image is for illustrative purpose only*

Series 4B  
Termination type Male solder  
IP rating 50  
AWG wire size 30.00 - 22.00  
Cable Ø 9.10 - 10.50 mm  
Status active

### Download

[Request a quote](#)

[Catalog](#)

[See video assembly instructions](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FGY\*: Straight plug, cable collet and PSU or PPSU outer shell  
Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)  
Housing Material Environment friendly aluminium  
Weight 74.58 g

### Performance

Configuration 4B.348 : 48 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 1.5 Amps

### Specifications

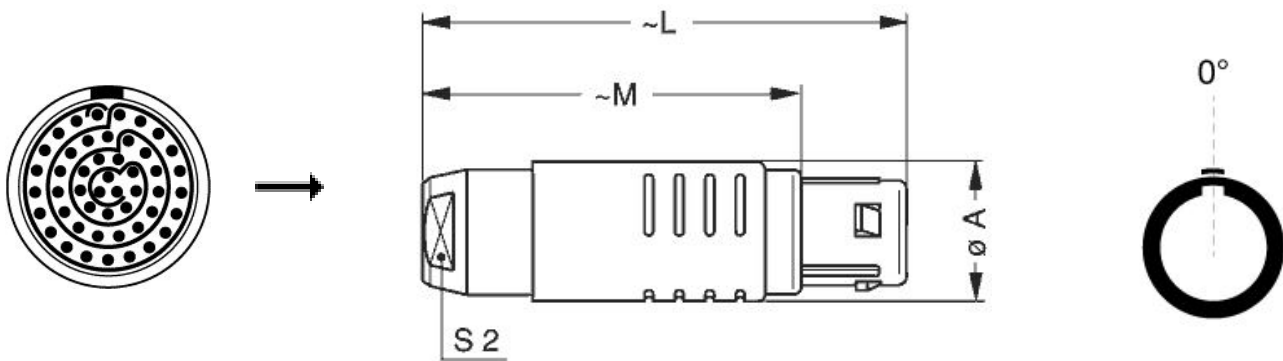
Contact Type: Solder  
Contact Dia.: 0.7 mm (0.028in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 6.1 mOhm

### 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)

## DRAWINGS



### Dimensions

	A	L	M	S2
mm.	26	76.2	58.2	20
in.	1,02	3,00	2,29	0,79

## RECOMMENDED BY LEMO

### Tools

Caps: [BFG.4B.100.NAS](#)

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