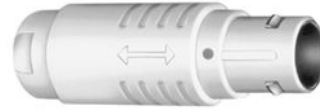


## SUMMARY

### # 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 10.60 - 12.00 mm  
Status active  
Matching parts [ENY.4B.348.PLLB](#)

### Download

[Request a quote](#)  
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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FGY\*: Straight plug, cable collet and PSU or PPSU outer shell  
Keying 3 keys (beta=112.5, gamma=147.5°, plug: male contacts, receptacle: female contacts)  
Housing Material PSU (Polysulfone) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces  
Weight 75.18 g

### Performance

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

### Specifications

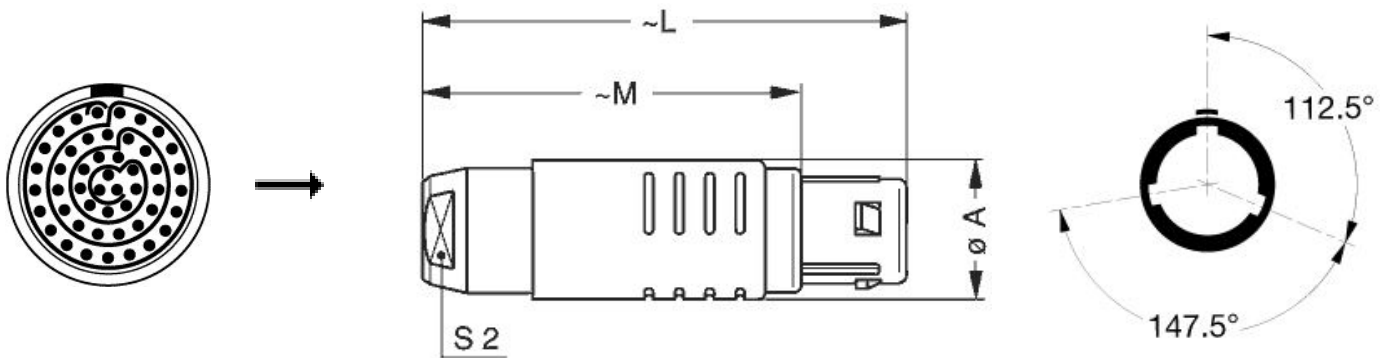
Contact Type: Solder  
Contact Dia.: 0.7 mm (0.028in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 6.1 mOhm

### Others

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Endurance (Shell): 5000  
 Temp (min / max): -50°C / +150°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

### Cables

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|        |     |       |   |
|--------|-----|-------|---|
| 448240 | PVC | Black |  |
| 448260 | PVC | Black |  |

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