

SUMMARY

Wires

Low voltage 48

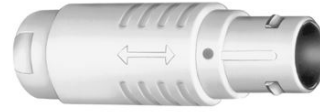


Image is for illustrative purpose only

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

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[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

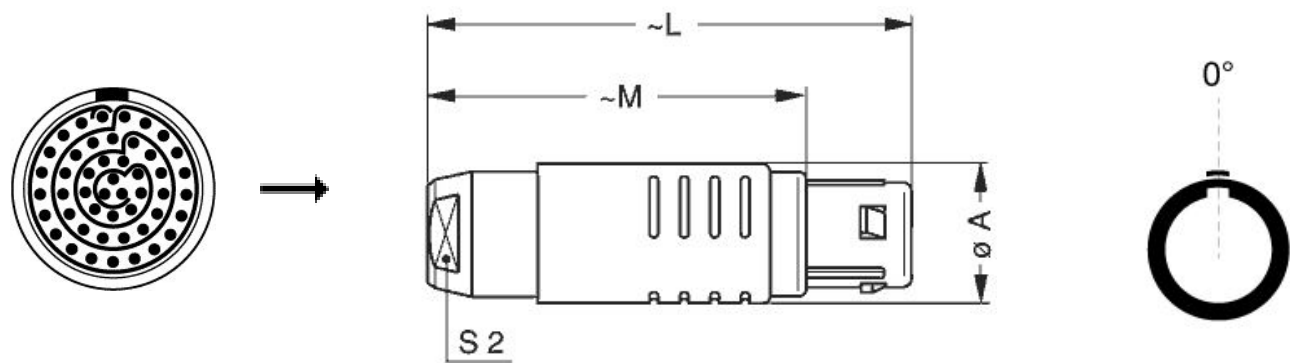
Contact Type: Solder
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Stranded Conductor: 0.34 mm² (AWG 22)
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R (max): 6.1 mOhm

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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