

## SUMMARY

### # Wires

Low voltage 4



*Image is for illustrative purpose only*

Series	4B
Termination type	Female solder
IP rating	50
AWG wire size	18.00 - 10.00
Cable Ø	6.30 - 7.70 mm
Status	active
Matching parts	<a href="#">FGG.4B.304.CLAM72</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PH*: Free receptacle, 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
Weight	170.71 g

### Performance

Configuration	4B.304 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	30 Amps

### Specifications

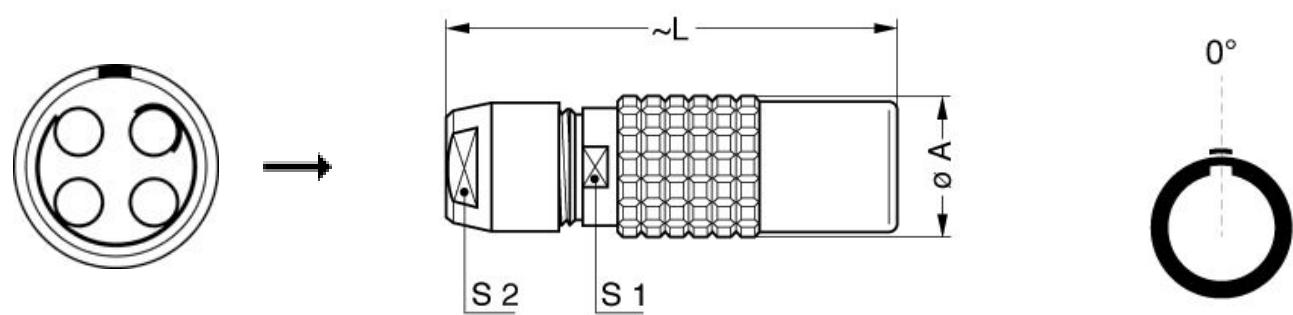
Contact Type: Solder  
Contact Dia.: 3 mm (0.118in)  
Bucket Dia.: 2.7 mm (0.106in)  
Max. Solid Conductor: 4 mm<sup>2</sup> (AWG 10)  
Max. Stranded Conductor: 4 mm<sup>2</sup> (AWG 12)  
R (max): 3.1 mOhm  
Vtest (contact-shell): 1500 V (AC), 2120 V (DC)  
Vtest (contact-contact): 2100 V (AC), 2970 V (DC)

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Others

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	S1	S2
mm.	26	73	21	20
in.	1,02	2,87	0,83	0,79

RECOMMENDED BY LEMO

Tools

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Cables

240750	PVC	Grey	
417920	PVC	Grey	
CTR.75.030.121870G	PVC	Grey	

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