

## SUMMARY

### # Wires

Low voltage 6



*Image is for illustrative purpose only*

Series	0B
Termination type	Female solder
IP rating	50
AWG wire size	34.00 - 28.00
Cable Ø	3.30 - 4.20 mm
Status	active
Matching parts	<a href="#">FGG.0B.306.CLAD42</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PF*: Fixed receptacle, with two nuts, cable collet (back panel mounting)
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	9.75 g

### Performance

Configuration	0B.306 : 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2.5 Amps

### Specifications

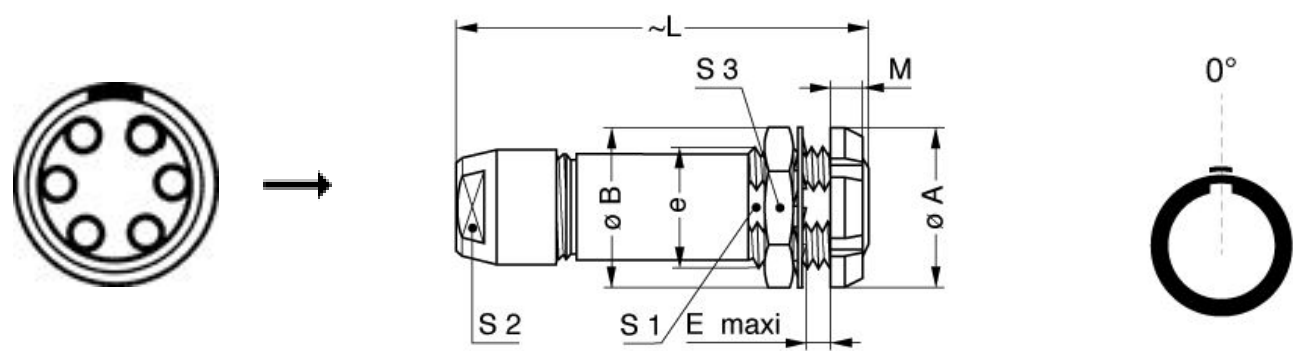
Contact Type: Solder
Contact Dia.: 0.5 mm (0.02in)
Bucket Dia.: 0.45 mm (0.018in)
Max. Solid Conductor: 0.09 mm <sup>2</sup> (AWG 28)
Max. Stranded Conductor: 0.09 mm <sup>2</sup> (AWG 28)
R (max): 8.7 mOhm
Vtest (contact-shell): 650 V (AC), 920 V (DC)
Vtest (contact-contact): 850 V (AC), 1200 V (DC)

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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	B	E	L	M	S1	S2	S3	e
mm.	12	12.5	5	35.5	2.5	8.2	7	11	M9x0.6
in.	0,47	0,49	0,20	1,40	0,10	0,32	0,28	0,43	

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.OB.005.PA070](#)

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Cables

CMN.06.T28.042QBCE	TPR (medical)		
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