

SUMMARY

Wires

Low voltage 7

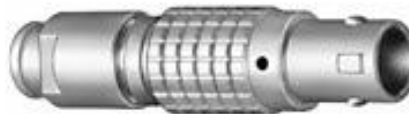


Image is for illustrative purpose only

Series	1B
Termination type	Male solder
IP rating	50
AWG wire size	22.00 - 22.00
Cable Ø	3.10 - 4.20 mm
Status	active
Matching parts	EGG.1B.307.CLL PHG.1B.307.CLLD42Z

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant	Z : Nut for fitting a bend relief
Weight	16.06 g

Performance

Configuration	1B.307 : 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 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
Vtest (contact-shell): 1050 V (AC), 1490 V (DC)

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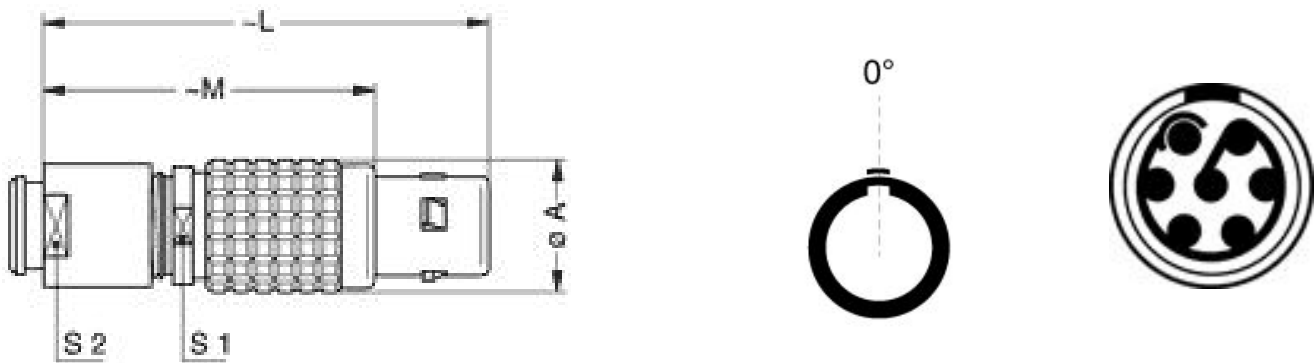
Vtest (contact-contact): 950 V (AC), 1340 V (DC)

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

Draws



Dimensions

	A	L	M	S1	S2
mm.	12	42	31	10	9
in.	0.47	1.65	1.22	0.39	0.35

RECOMMENDED BY LEMO

Tools

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Spanner wrench:

[DCD.1B.015.PA090](#)

Caps:

[BFG.1B.100.PCSG](#)

Cables

CMN.07.T26.037QGZE	TPR (medical)	Grey	
007 041	PVC	Grey	
007 050	PVC	Black	

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