

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 10

Series 1B
Termination type Female print PCB
IP rating 50
AWG wire size 34.00 - 28.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FGG.1B.310.CLAD52Z](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model EE*: Fixed receptacle, nut fixing with straight contacts for printed circuit(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 10.30 g

Performance

Configuration 1B.310 : 10 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 2.5 Amps

Specifications

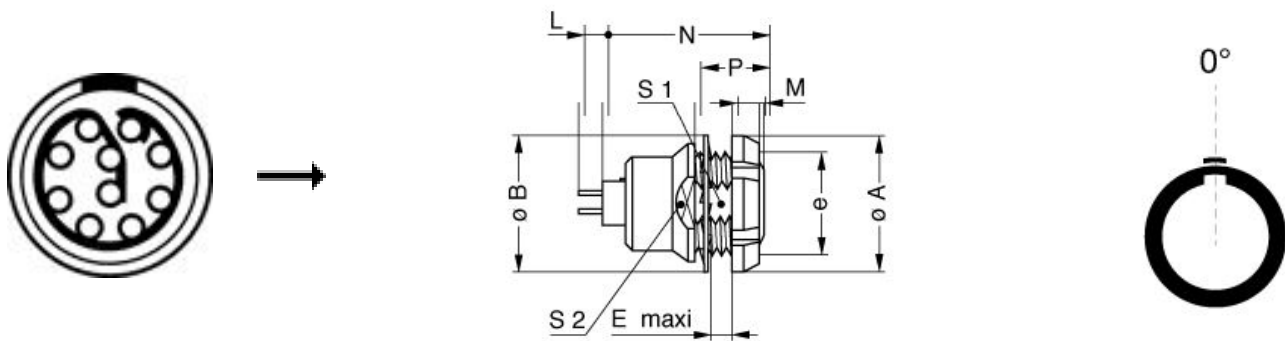
Contact Type: Print (straight)
Contact Dia.: 0.5 mm (0.02in)
R (max): 8.7 mOhm
Vtest (contact-shell): 1500 V (AC), 2120 V (DC)
Vtest (contact-contact): 900 V (AC), 1270 V (DC)

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)
 Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	B	E	L	M	N	P	S1	S2	e
mm.	16	16	6.5	23	3.5	21.1	11	10.5	13	M12x1.0
in.	0,63	0,63	0,26	0,91	0,14	0,83	0,43	0,41	0,51	

RECOMMENDED BY LEMO

Tools

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