

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 3

Series	1B
Termination type	Female print 90° PCB
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.1B.303.CLAD42

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EE*: Fixed receptacle, nut fixing with elbow 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	11.25 g

Performance

Configuration	1B.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	

Specifications

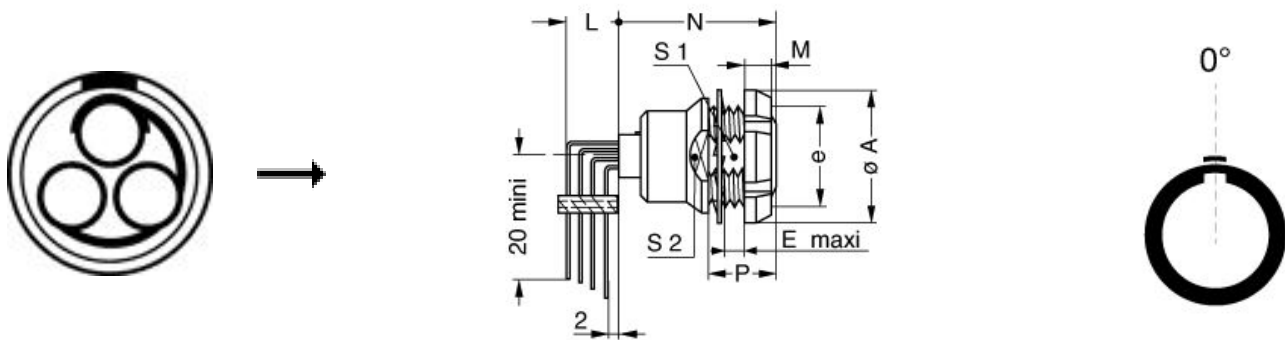
Contact Type: Print (elbow)
Contact Dia.: 1.3 mm (0.051in)
R (max): 3.6 mOhm
Vtest (contact-shell): 1550 V (AC), 2200 V (DC)
Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

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]
 Climatological Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	E _{max}	M	N	P	e
mm.	16	6.5	3.5	19.5	11	M12x1
in.	0,63	0,26	0,14	0,77	0,43	

RECOMMENDED BY LEMO

Tools

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