

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 5

Series 1B
Termination type Female print 90° PCB
IP rating 50
AWG wire size 22.00 - 22.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FGB.1B.305.CLAD42Z](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model EC*: Fixed receptacle with two nuts and elbow contacts for printed circuit (back panel mounting)
Keying 2 keys (alpha=60, plug: male contacts, receptacle: female contacts)
Housing Material Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Weight 11.05 g

Performance

Configuration 1B.305 : 5 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current

Specifications

Contact Type: Print (elbow)
Contact Dia.: 0.9 mm (0.035in)
R (max): 4.8 mOhm
Vtest (contact-shell): 1150 V (AC), 1630 V (DC)
Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

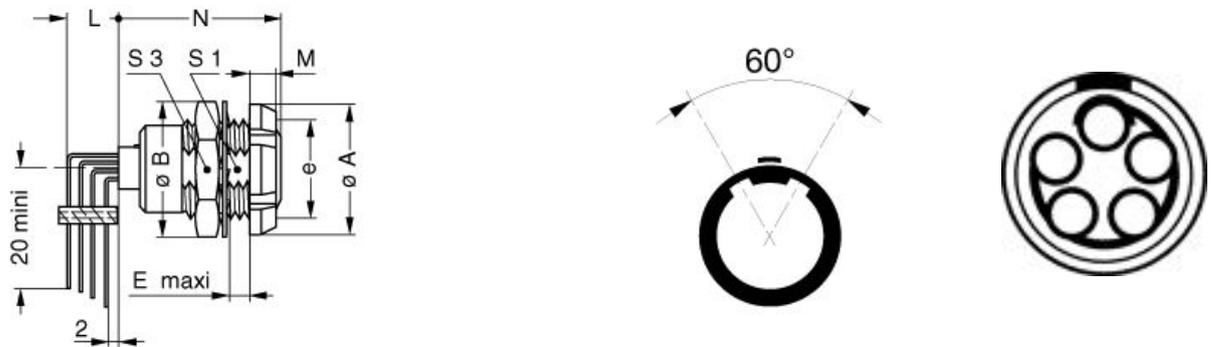
Others

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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

Draws



Dimensions

	A	B	E	Lmax	M	Nmax	S1	S3	e
mm.	16	15.8	6	32.96	3.5	20.3	10.5	14	M12x1.0
in.	0.63	0.62	0.24	1.30	0.14	0.80	0.41	0.55	

RECOMMENDED BY LEMO

Tools

Spanner 2: [DCH.91.161.PA](#)

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Cables

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