

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 6

Series 1B
Termination type Female print PCB
IP rating 50
AWG wire size 30.00 - 22.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FGG.1B.306.CLAD52Z](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model EP*: Elbow receptacle for printed circuit (solder or screw fixing)
Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material PPS (Polyphenylene) shell, other pieces nickel plated [SAE AMS QQ N 290] brass
Weight 12.13 g

Performance

Configuration 1B.306/EPG : 6 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 4.5 Amps

Specifications

Contact Type: Print (straight)
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Test voltage contact-contact : 1.35 kV rms
Test voltage contact-body shell : 1.45 kV rms

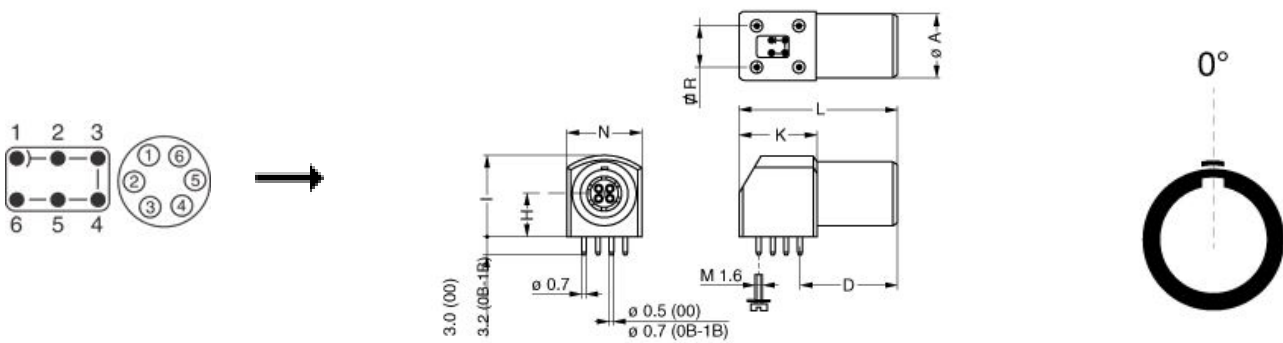
Others

Endurance (Shell): 5000

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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: >144 hr
 12NC part number: 4022.438.33301

DRAWINGS



Dimensions

	A	D	H	I	K	L	N	R
mm.	11	16.6	7.5	14	13.3	27	12.6	7.62
in.	0,43	0,65	0,30	0,55	0,52	1,06	0,50	0,30

RECOMMENDED BY LEMO

Tools

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