

SUMMARY

Wires

Low voltage	2
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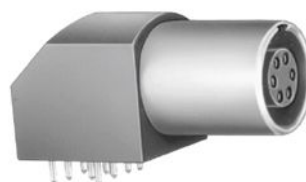


Image is for illustrative purpose only

Series	1B
Termination type	Male print PCB
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGJ.1B.302.CLLD42Z

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EP*: Elbow receptacle for printed circuit (solder or screw fixing)
Keying	2 keys (gamma=45, plug: female contacts, receptacle: male contacts)
Housing Material	PPS (Polyphenylene) shell, other pieces nickel plated [SAE AMS QQ N 290] brass
Weight	11.50 g

Performance

Configuration	1B.302/EPG : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	4.5 Amps

Specifications

Contact Type: Print (straight)
Test voltage contact-contact : 1.7 kV rms
Test voltage contact-body shell : 1.45 kV rms

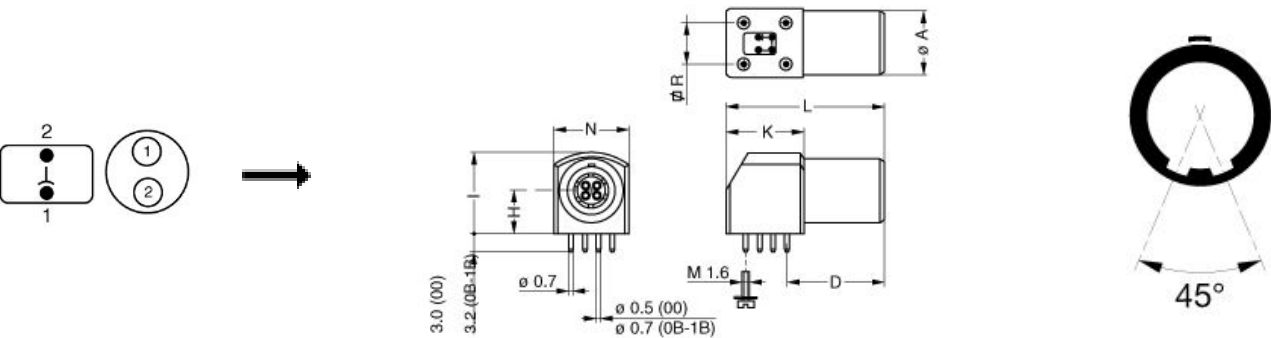
Others

Endurance (Shell): 5000
Temp (min / max): -55°C / +250°C
Humidity (max): <=95% [at 60 deg C / 140 F]

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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

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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