

SUMMARY

Wires

Low voltage 2

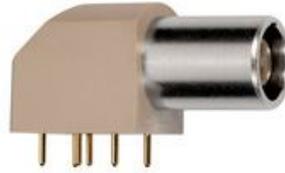


Image is for illustrative purpose only

Series 0B
Termination type Female print PCB
IP rating 50
AWG wire size 20.00 - 20.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FGG.0B.302.CLAD52Z](#)

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[PCB Eagle Pattern](#)
[PCB Altium Pattern](#)
[PCB KiCad Pattern](#)
[Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model EP.HLN*: 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 brass
Weight 9.50 g

Performance

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

Specifications

Contact Type: Print (straight)
Contact Dia.: 0.9 mm (0.035in)
R (max): 4.8 mOhm
Test voltage contact-contact : 1.45 kV rms
Test voltage contact-body shell : 1.2 kV rms

Others

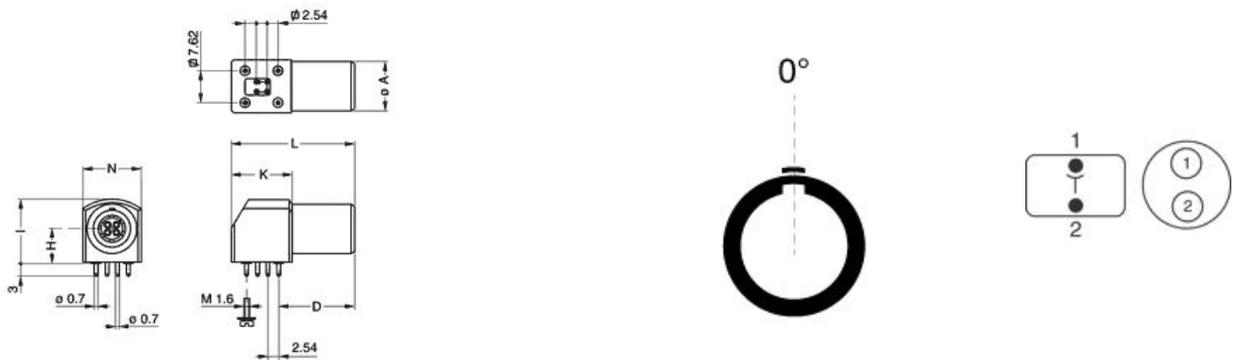
Endurance (Shell): 5000

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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

DRAWINGS

Draws



Dimensions

	A	D	H	I	K	L	N	R
mm.	9	14.6	6.7	12.6	13.3	25	11.7	7.62
in.	0.35	0.57	0.26	0.50	0.52	0.98	0.46	0.30

RECOMMENDED BY LEMO

Tools

Cables

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