

## SUMMARY

### # Wires

Low voltage	8
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*Image is for illustrative purpose only*

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

### Download

- [Request a quote](#)
- [PCB Eagle Pattern](#)
- [PCB Altium Pattern](#)
- [PCB KiCad Pattern](#)
- [Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EP*: Elbow receptacle for printed circuit (solder or screw fixing)
Keying	2 keys (beta=135, plug: male contacts, receptacle: female contacts)
Housing Material	Special housing (see notes for details)
Weight	12.27 g

### Performance

Configuration	1B.308/EPG : 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2 Amps

### Specifications

Contact Type: Print (straight)  
Contact Dia.: 0.7 mm (0.028in)  
R (max): 6.1 mOhm  
Test voltage contact-contact : 1.3 kV rms  
Test voltage contact-body shell : 1.3 kV rms

### Others

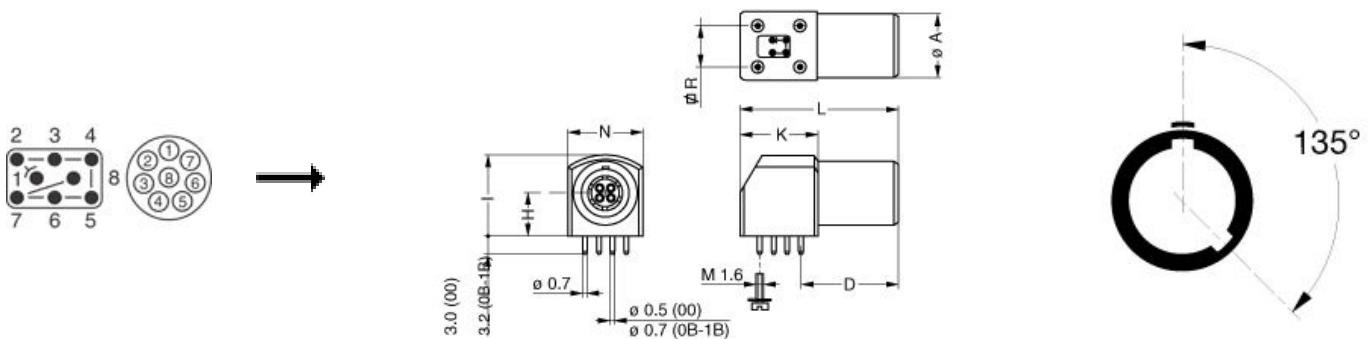
Endurance (Shell): 5000

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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)

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## DRAWINGS



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## RECOMMENDED BY LEMO

### Tools

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