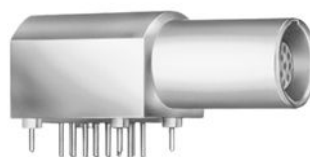


## SUMMARY

### # Wires

Low voltage	14
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*Image is for illustrative purpose only*

Series	1B
Termination type	Female print PCB
IP rating	50
AWG wire size	34.00 - 28.00
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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Special housing (see notes for details)
Weight	23.35 g

### Performance

Configuration	1B.314/EPG : 14 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	1 Amps

### Specifications

Contact Type: Print (straight)  
Contact Dia.: 0.5 mm (0.02in)  
R (max): 8.7 mOhm  
Test voltage contact-contact : 1 kV rms  
Test voltage contact-body shell : 1.3 kV rms

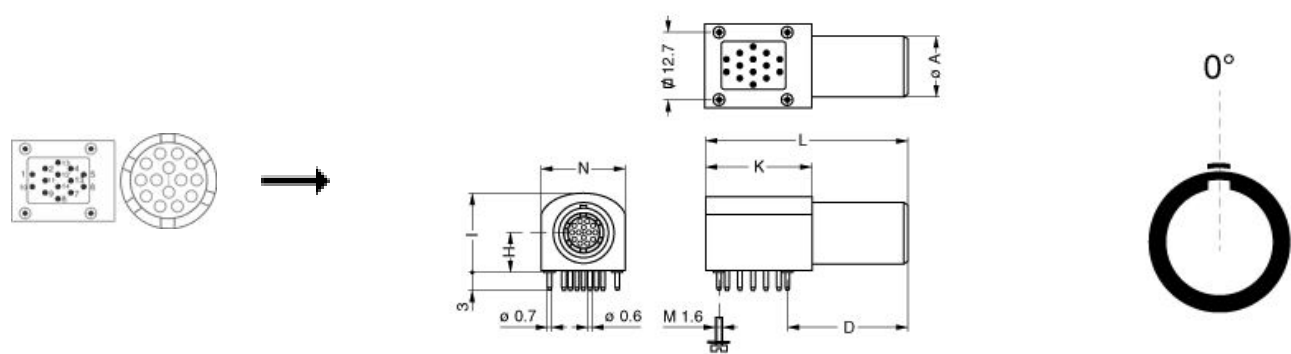
### Others

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)

# DRAWINGS



## Dimensions

	A	D	H	I	K	L	N
mm.	11	21	7.7	14.3	19	36	15.4
in.	0,43	0,83	0,30	0,56	0,75	1,42	0,61

# RECOMMENDED BY LEMO

## Tools

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