

## 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

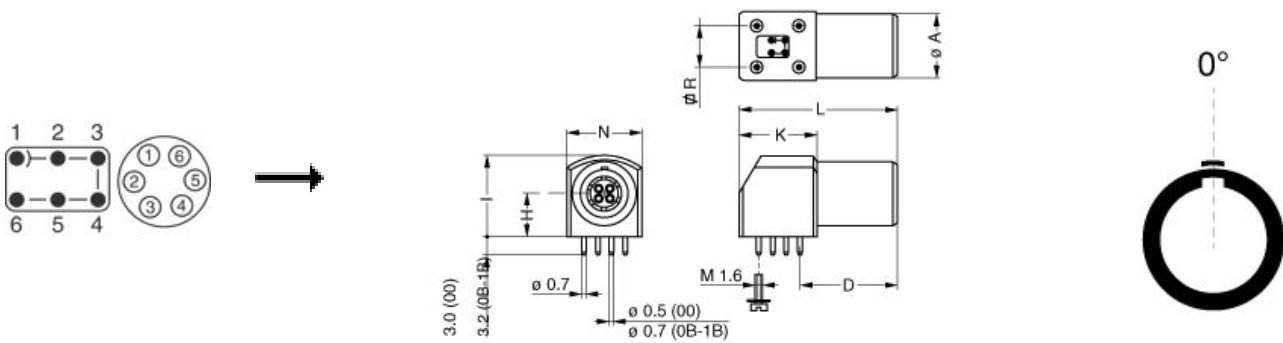
### Others

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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