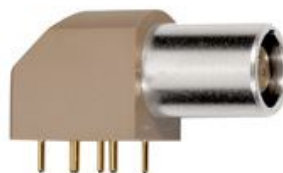


## SUMMARY

### # Wires

Low voltage 3



*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	<a href="#">FGG.0B.303.CLAD52Z</a>

### Download

[Request a quote](#)  
[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	9.66 g

### Performance

Configuration	0B.303/EPG : 3 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 : 1.7 kV rms  
Test voltage contact-body shell : 1.6 kV rms

### Others

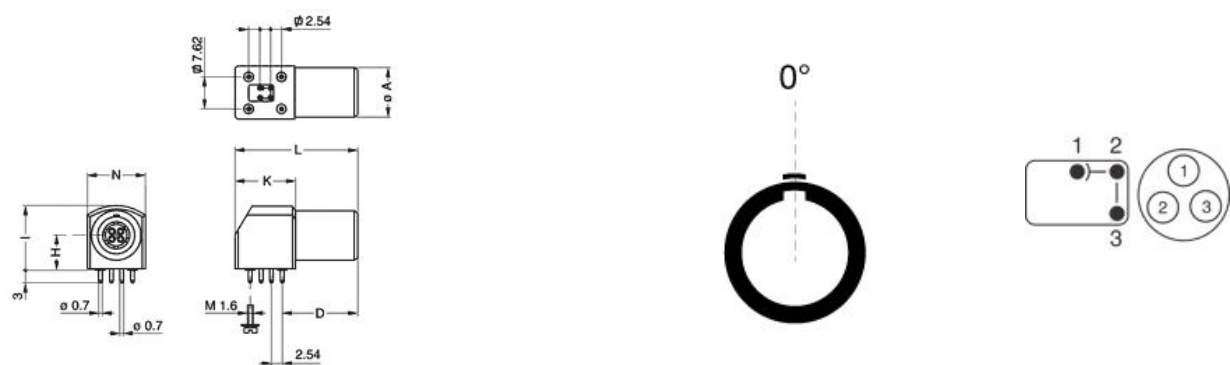
Endurance (Shell): 5000

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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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