

# EXG.1B.305.HLN

# SUMMARY

#### # Wires

Low voltage

5



Image is for illustrative purpose only

Series	1B	Download			
Termination type	Female print PCB	Request a quote			
IP rating	50	PCB Eagle Pattern			
AWG wire size	22.00 - 22.00	PCB Altium Pattern			
Cable Ø	0.00 - 0.00 mm	PCB KiCad Pattern			
Status	active	Catalog			

# **TECHNICAL DETAILS**

### **Mechanics**

Shell Style/Model	EX*: Elbow receptacle for printed circuit with two nuts (solder or screw fixing, back panel mounting)
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	PPS (Polyphenylene) shell, other pieces nickel plated brass
Weight	14.59 g
Performance	
Configuration	1B.305/EXG : 5 Low Voltage

Insulator	L: PEEK (UL 94 / V-0/1.5)

Rated Current4.5 Amps

### **Specifications**

Contact Type: Print (straight) Contact Dia.: 0.9 mm (0.035in) R (max): 4.8 mOhm Test voltage contact-contact : 1.3 kV rms Test voltage contact-body shell : 1.55 kV rms

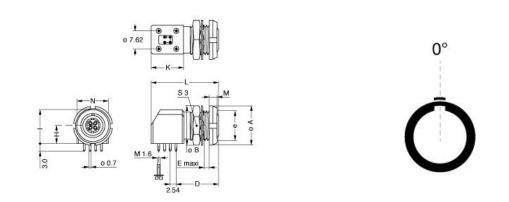
### Others

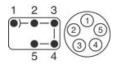
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Endurance (Shell): 5000 Temp (min / max): -55°C / +250°C Humidity (max): <=95% [at 60 deg C /140 F] Vibration: 15 g [10 Hz - 2000 Hz] Shock Resistance: 100 g [ 6 ms] Climatical Category: 50/175/21 Shielding (min): 75 dB (10 MHz) Shielding (min): 40 dB (1 GHz) Salt Spray Corrosion: >144 hr

## DRAWINGS

Draws





#### Dimensions

	Α	В	D	E	Н	I	К	L	Μ	Ν	S3	e
mm.	14	15	16.6	7.5	7.5	14	13.3	27	3.5	12.6	13	M11x0.5
in.	0.55	0.59	0.65	0.30	0.30	0.55	0.52	1.06	0.14	0.50	0.51	

# **RECOMMENDED BY LEMO**

Tools

### Cables

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