

SUMMARY

Wires

Low voltage	5
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Image is for illustrative purpose only

Series	1B
Termination type	Female print PCB
IP rating	50
AWG wire size	22.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active

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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 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 : 1.3 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

	A	B	D	E	H	I	K	L	M	N	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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