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SUMMARY

Wires

Low voltage 8



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

Download

Request a quote
PCB Eagle Pattern
PCB Altium Pattern
PCB KiCad Pattern

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 14.39 g

Performance

Configuration 1B.308/EXG: 8 Low Voltage

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

Rated Current 2 Amps

Specifications

Contact Type: Print (straight)
Contact Dia.: 0.7 mm (0.028in)

R (max): 6.1 mOhm

Test voltage contact-contact: 1.3 kV rms Test voltage contact-body shell: 1.3 kV rms

Others

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Endurance (Shell): 5000

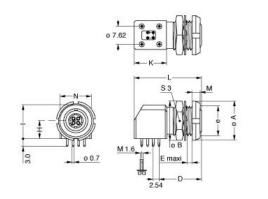
Temp (min / max): -55°C / +250°C

Humidity (max): <=95% [at 60 deg C /140 F]

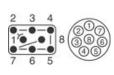
Vibration: 15 g [10 Hz - 2000 Hz] Shock Resistance: 100 g [6 ms] Climatical Category: 50/175/21 Shielding (min): 75 dB (10 MHz) Shielding (min): 40 dB (1 GHz) Salt Spray Corrosion: >144 hr 12NC part number: 4022.438.33310

DRAWINGS

Draws







Dimensions

	Α	В	D	E	Н	I	К	L	M	N	S 3	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

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Cables		