EZG.1B.308.NLN

SUMMARY

Wires

Low voltage	8
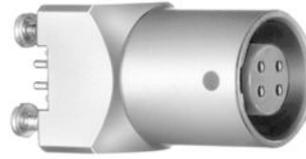
Series	1B
Termination type	Female print PCB
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FEG.1B.308.NLAD52Z

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PCB Eagle Pattern

PCB Altium Pattern

PCB KiCad Pattern

Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model	EZ*: Straight receptacle for printed circuit
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (nickel plated [SAE AMS QQ N 290]) shell, collet nut, latch sleeve and mid pieces
Weight	10.37 g

Performance

Configuration	1B.308 : 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	5 Amps

Specifications

Contact Type: Print (straight)
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Vtest (contact-shell): 1150 V (AC), 1630 V (DC)
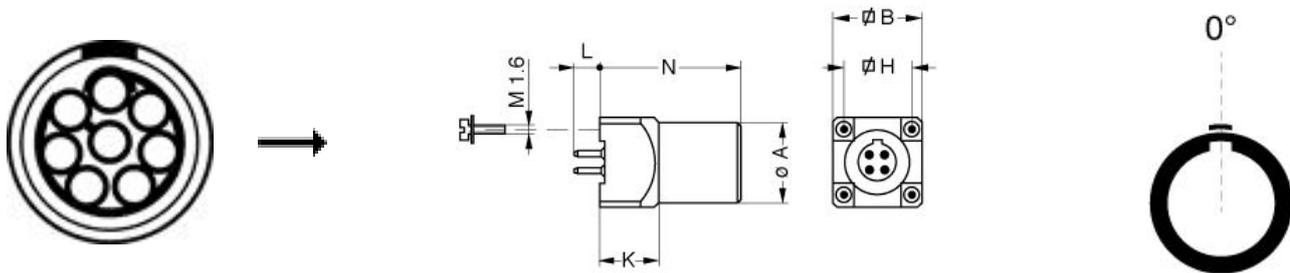Vtest (contact-contact): 950 V (AC), 1340 V (DC)

Others

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

Dimensions

	A	B	H	K	L	N
mm.	11	12	7.62	8	3.8	19
in.	0,43	0,47	0,30	0,31	0,15	0,75

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Tools