EAJ.1B.304.CLD

SUMMARY

Wires

Low voltage	4

Series	1B
Termination type	Male print PCB
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGJ.1B.304.CLLD52

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PCB Eagle Pattern

PCB Altium Pattern

PCB KiCad Pattern

Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model	EA*: Fixed receptacle with earthing tag, nut fixing (back panel mounting)
Keying	2 keys (gamma=45, plug: female contacts, receptacle: male contacts)
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight	9.81 g

Performance

Configuration	1B.304 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

Specifications

Contact Type: Print (straight)
Vtest (contact-shell): 1450 V (AC), 2050 V (DC)
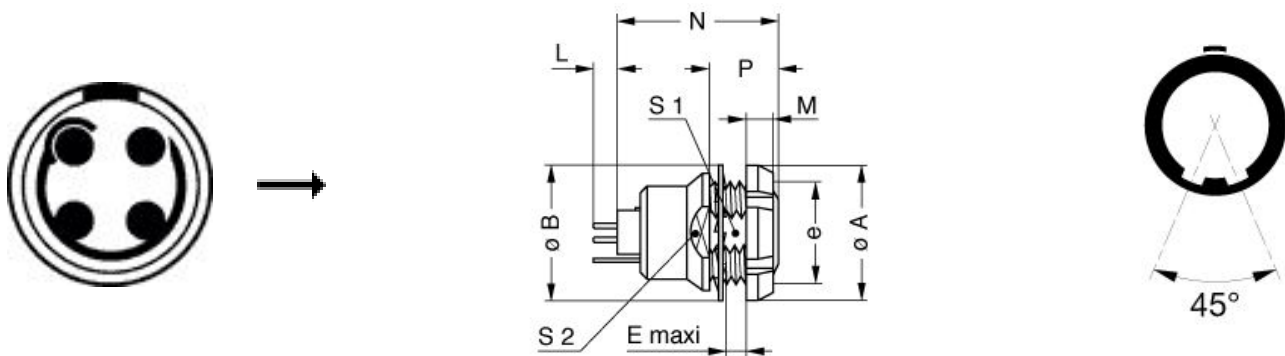Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

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: >1000 hr

DRAWINGS

Dimensions

	A	B	E	L	M	N	P	S1	S2	e
mm.	16	16	6.5	21.8	3.5	18.7	11	10.5	13	M12x1
in.	0,63	0,63	0,26	0,86	0,14	0,74	0,43	0,41	0,51	

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Tools