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## **SUMMARY**

#### # Wires

Low voltage 7



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

Matching parts FGG.1B.307.CLAD52Z

### **Download**

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

Catalog

## **TECHNICAL DETAILS**

#### **Mechanics**

Shell Style/Model EC\*: Fixed receptacle with two nuts and straight contacts for printed circuit (back panel

mounting)

**Keying** 1 key (alpha=0, plug: male contacts, receptacle: female contacts)

Housing Material Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Weight 10.51 g

### **Performance**

**Configuration** 1B.307 : 7 Low Voltage

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

Rated Current 7 Amps

## **Specifications**

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

R (max): 6.1 mOhm

Vtest (contact-shell): 1050 V (AC), 1490 V (DC) Vtest (contact-contact): 950 V (AC), 1340 V (DC)

## Others

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Endurance (Shell): 5000

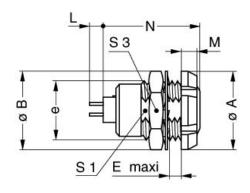
Temp (min / max): -55°C / +250°C

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: >1000 hr

## **DRAWINGS**

#### **Draws**







### **Dimensions**

	А	В	Е	Lmax	М	Nmax	S1	<b>S</b> 3	e
mm.	16	15.8	6	22.9	3.5	19.5	10.5	14	M12x1.0
in.	0.63	0.62	0.24	0.90	0.14	0.77	0.41	0.55	

# **RECOMMENDED BY LEMO**

### **Tools**

 Spanner:
 DCA.91.201.4TN

 Spanner 2:
 DCH.91.161.PA

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