



#### www.lemo.com

## **SUMMARY**

#### # Wires

Low voltage 2



Image is for illustrative purpose only

Series 0B

**Termination type** Female print PCB

IP rating 50

AWG wire size 20.00 - 20.00

Cable Ø 0.00 - 0.00 mm

**Status** active

Matching parts FGG.0B.302.CLAD42

### **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 4.83 g

### **Performance**

**Configuration** 0B.302 : 2 Low Voltage

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

Rated Current 10 Amps

## **Specifications**

Contact Type: Print (straight)
Contact Dia.: 0.9 mm (0.035in)

R (max): 4.8 mOhm

Vtest (contact-contact): 1300 V (AC), 1840 V (DC) Vtest (contact-shell): 1050 V (AC), 1490 V (DC)

### **Others**

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Endurance (Shell): 5000

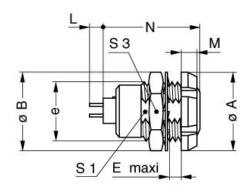
Temp (min / max): -55°C / +250°C

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**

	A	В	E	Lmax	М	Nmax	<b>S</b> 1	<b>S</b> 3	e
mm.	12	12.4	5.5	19.55	2.5	16.3	8.2	11	M9x0.6
in.	0.47	0.49	0.22	0.77	0.10	0.64	0.32	0.43	

# **RECOMMENDED BY LEMO**

## **Tools**

Spanner 2: DCH.91.121.PA

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Cables		