

# FGG.2B.305.CLAD42

# SUMMARY

### # Wires

Low voltage 5



Image is for illustrative purpose only

Series 2B

Termination type Male solder

IP rating 50

AWG wire size 28.00 - 20.00 Cable Ø 3.30 - 4.20 mm

**Status** active

Matching parts EGG.2B.305.CLL

## **Download**

Request a quote

Eplan Catalog

See video assembly instructions

# **TECHNICAL DETAILS**

#### Mechanics

Shell Style/Model FG\*: Straight plug, cable collet

Keying 1 key (alpha=0, plug: male contacts, receptacle: female 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 29.27 g

### **Performance**

Configuration 2B.305 : 5 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 14 Amps

## **Specifications**

Contact Type: Solder

Contact Dia.: 1.3 mm (0.051in) Bucket Dia.: 1 mm (0.039in)

Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20) Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20)

R (max): 3.6 mOhm

Vtest (contact-shell): 1600 V (AC), 2250 V (DC) Vtest (contact-contact): 1750 V (AC), 2500 V (DC)

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.

### **Others**

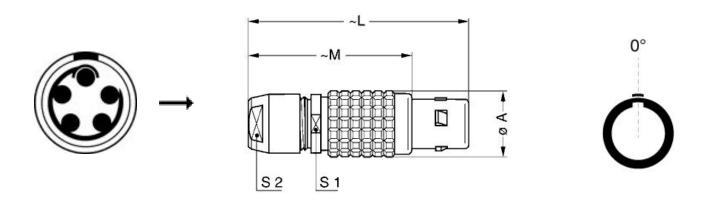
Endurance (Shell): 5000

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**

	А	L	М	<b>S</b> 1	S2
mm.	15	50	38	13	12
in.	0,59	1,97	1,50	0,51	0,47

# **RECOMMENDED BY LEMO**

# Tools

Spanner wrench: DCD.2B.ZZZ.PA120
Caps: BFG.2B.100.PCSG

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.

