

www.lemo.com

# FGG.1T.307.CLAC60Z

## **SUMMARY**

#### # Wires

Low voltage 7



Image is for illustrative purpose only

Series 1T

Termination type Male solder

IP rating 68

AWG wire size 30.00 - 22.00 Cable Ø 5.60 - 6.00 mm

Status active

Matching parts EGG.1T.307.CLL

### **Download**

Request a quote

Eplan Catalog

## **TECHNICAL DETAILS**

#### Mechanics

Shell Style/Model FG\*: Straight plug, cable collet and nut for fitting a bend relief

**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

Variant Z: Nut for fitting a bend relief

**Weight** 17.32 g

#### **Performance**

Configuration T.307: 7 Low Voltage

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

Rated Current 7 Amps

## **Specifications**

Contact Type: Solder

Contact Dia.: 0.7 mm (0.028in) Bucket Dia.: 0.8 mm (0.031in)

Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)

Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)

R (max): 6.1 mOhm

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.

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

## **Others**

Endurance (Shell): >3000 mating cycles Temp (min / max): -55°C / +200°C

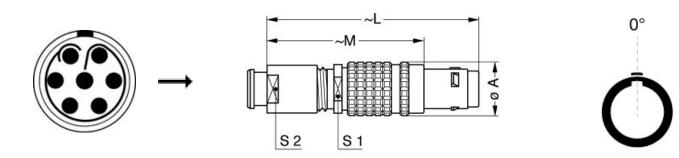
Humidity (max): <=95% [at 60 deg C /140 F] Resistance to vibration: 15 g [10 Hz - 2000 Hz]

Shock Resistance: 100 g [ 6 ms] Climatical Category: 50/175/21

Shielding efficiency (min): 75 dB (at 10 MHz) Shielding efficiency (min): 40 dB (at 1 GHz)

Salt Spray Corrosion: >1000 hr

## **DRAWINGS**



### **Dimensions**

	А	L	М	S1	S2
mm.	12	45	34	11	9
in.	0,47	1,77	1,34	0,43	0,35

## **RECOMMENDED BY LEMO**

### **Tools**

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**



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.