

# FHG.1K.304.CLAC50

## **SUMMARY**

#### # Wires

 Low
 4

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0



Image is for illustrative purpose only

#### **Download**

Request a quote

Catalog

#### Series

Termination type Male solder

IP rating 68

Cable Ø 4.60 - 5.00 mm

Matching parts EGG.1K.304.CLL

**Status** active

Alternative part

# **TECHNICAL DETAILS**

#### **Mechanics**

Shell Style/Model FH\*: Elbow plug, cable collet

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

Cable Fixing : 4.6 - 5 mm

Variant

#### **Performance**

Configuration 1K.304: 4 Low Voltage

Insulator L: PEEK (UL 94 / V-0/3.2, depends on material thickness)

Rated Current 10 Amps

### **Specifications**

Contact Type: Solder Max. Matings: 5000

Contact Dia.: 0.9 mm (0.035in)

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.

Bucket Dia.: 0.8 mm (0.031in)

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

R (max): 4.8 mOhm

Vtest (contact-shell): 1450 V (AC), 2050 V (DC) Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

#### **Others**

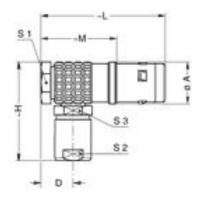
Humidity (max): <=95% [at 60 deg C /140 F]

Vibration: 15 g [10 Hz - 2000 Hz] Shock Resistance: 100 g [ 6 ms] Salt Spray Corrosion: >1000 hr Climatical Category: 50/175/21 Shielding (min): 95 dB (10 MHz) Shielding (min): 80 dB (1 GHz)

IP Rating: 68

## **DRAWINGS**

#### **Draws**







#### **Dimensions**

|     | А    | D    | Н    | L    | М    | S1   | S2   | <b>S</b> 3 |
|-----|------|------|------|------|------|------|------|------------|
| mm. | 14   | 8.8  | 33   | 43   | 29   | 12   | 9    | 10         |
| in. | 0,55 | 0,35 | 1,30 | 1,69 | 1,14 | 0,47 | 0,35 | 0,39       |

## **RECOMMENDED BY LEMO**

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.

### **Tools**

Spanner wrench: DCD.1E.008.PA090

### **Cables**

| CMN.04.T22.047PGCE | PVC           | GREY  |    |
|--------------------|---------------|-------|----|
| CMN.04.T22.047PGZE |               | Grey  | ▶  |
| CMN.04.T22.047PNCE | PVC           | Black |    |
| CMN.04.T22.047PNZE |               |       | ₽€ |
| CMN.04.T22.047QGC  | TPR           | Grey  |    |
| CMN.04.T22.048QGZE | TPR (medical) | Grey  | ▶  |
| 004 221            | PVC           | Black |    |
| 040 260            | PVC           | Black |    |
| 080 080            | PVC           | Grey  |    |
| 080 082            | PVC           | Red   |    |
| 080 084            | PVC           | Black |    |
| 140 240            | PVC           | Black |    |
| 140 250            | PVC           | Grey  |    |

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.

# **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

LEMO:

FHG.1K.304.CLAC50