

# FGG.0T.309.CLAC50Z

# SUMMARY

#### # Wires

Low voltage 9



Image is for illustrative purpose only

Series 0T

Termination type Male solder

IP rating 68

AWG wire size 28.00 - 28.00

Cable Ø 4.60 - 5.00 mm

Status NRND

Alternative part <u>FGG.0T.309.CLAK50Z</u>
Matching parts <u>EGG.0T.309.CLL</u>

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## **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) shell and collet nut, nickel plated brass latch sleeve and mid pieces

**Variant** Z: Nut for fitting a bend relief

Weight 8.42 g

#### **Performance**

Configuration T.309: 9 Low Voltage

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

Rated Current 2 Amps

### **Specifications**

Contact Type: Solder

Contact Dia.: 0.5 mm (0.02in) Bucket Dia.: 0.45 mm (0.018in)

Max. Solid Conductor: 0.09 mm^2 (AWG 28) Max. Stranded Conductor: 0.09 mm^2 (AWG 28)

R (max): 8.7 mOhm

Vtest (contact-shell): 500 V (AC), 710 V (DC)

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Vtest (contact-contact): 600 V (AC), 850 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]

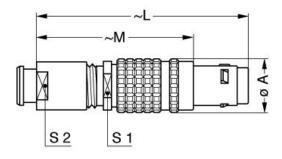
Shock Resistance: 100 g [ 6 ms] Climatical Category: 50/175/21

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

Salt Spray Corrosion: >1000 hr

# **DRAWINGS**

#### **Draws**







### **Dimensions**

	А	L	М	<b>S</b> 1	S2
mm.	9.5	38	28	7.5	7
in.	0.37	1.50	1.10	0.30	0.28

# **RECOMMENDED BY LEMO**

### **Tools**

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### **Cables**

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