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# FGG.0B.307.CLAD42

## **SUMMARY**

#### # Wires

Low voltage 7



Image is for illustrative purpose only

Series 0B

Termination type Male solder

IP rating 50

AWG wire size 34.00 - 28.00

Cable Ø 3.30 - 4.20 mm

**Status** active

Matching parts EGG.0B.307.CLL

PHG.0B.307.CLLD42

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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 8.53 g

#### **Performance**

Configuration 0B.307 : 7 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 2.5 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<sup>2</sup> (AWG 28) Max. Stranded Conductor: 0.09 mm<sup>2</sup> (AWG 28)

R (max): 8.7 mOhm

Vtest (contact-shell): 700 V (AC), 990 V (DC) Vtest (contact-contact): 800 V (AC), 1130 V (DC)

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### **Others**

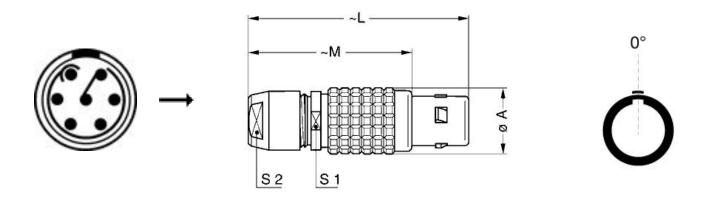
Endurance (Shell): 5000

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**

	A	L	М	<b>S</b> 1	S2
mm.	9.5	36	26	8	7
in.	0,37	1,42	1,02	0,31	0,28

# **RECOMMENDED BY LEMO**

## Tools

Spanner wrench: DCD.0B.ZZZ.PA070
Caps: BFG.0B.100.PCSG

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## **Cables**



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