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## **SUMMARY**

#### # Wires

Low voltage 7



Image is for illustrative purpose only

Series 0B

**Termination type** Female solder

IP rating 50

AWG wire size 28.00 - 28.00

Cable Ø 1.40 - 5.60 mm

**Status** active

Matching parts FGG.0B.307.CLAD52Z

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## **TECHNICAL DETAILS**

#### **Mechanics**

Shell Style/Model EC\*: Fixed receptacle with two nuts (back panel mounting)

**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

Weight 5.02 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

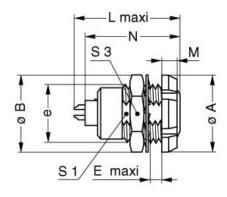
Temp (min / max): -55°C / +250°C

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**

#### **Draws**







### **Dimensions**

	А	В	E	L	М	N	<b>S</b> 1	<b>S</b> 3	e
mm.	12	12.4	5.5	20.7	2.5	19.1	8.2	11	M9x0.6
in.	0.47	0.49	0.22	0.81	0.10	0.75	0.32	0.43	

# **RECOMMENDED BY LEMO**

### **Tools**

Spanner 2: DCH.91.121.PA

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## **Cables**

CMN.07.S34.027JGC			
CMN.07.T28.044PGCE	PVC	GREY	
CMN.07.T28.044PGZE		Grey	
CMN.07.T28.044PNCE	PVC	Black	
CMN.07.T28.044PNZE			
007 041	PVC	Grey	) (
007 050	PVC	Black	
CTR.75.030.121875G	PVC	Grey	

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