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## **SUMMARY**

#### # Wires

 Low
 5

 High
 0

 Coax
 0

 Triax
 0

Quad 0
Fiber 0
Fluidic 0

Series 0B

**Termination type** Female solder

IP rating 50

AWG wire size 22.00 - 22.00 Cable Ø 1.40 - 5.60 mm

**Status** active

Matching parts FGG.0B.305.CLAD52Z



Image is for illustrative purpose only

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## **TECHNICAL DETAILS**

## **Mechanics**

Shell Style/Model EG\*: Fixed receptacle, nut fixing

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** 

Weight 4.52 g

#### **Performance**

Configuration 0B.305 : 5 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 6.5 Amps

### **Specifications**

Contact Type: Solder

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

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

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

R (max): 6.1 mOhm

Vtest (contact-shell): 700 V (AC), 1000 V (DC) Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

### **Others**

Endurance (Shell): 5000

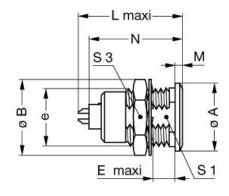
Temp (min / max): -55°C / +250°C

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 12NC part number: 4022.438.33230

## **DRAWINGS**

#### **Draws**







### **Dimensions**

	А	В	Е	L	М	N	S1	<b>S</b> 3	e
mm.	10	12.5	7	20.7	1.2	19.1	8.2	11	M9x0.6
in.	0.39	0.49	0.28	0.81	0.05	0.75	0.32	0.43	

# **RECOMMENDED BY LEMO**

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### **Tools**

## **Cables**

CMN.05.T22.051PGCE	PVC	GREY	
CMN.05.T22.051PNCE	PVC	Black	<b>&gt;===</b>
CMN.05.T22.051QGZE	TPR (medical)	Grey	>€
CMN.05.T28.029PGCE	PVC	GREY	<b>&gt;===</b>
CMN.05.T22.051PGZE		Grey	>€
CMN.05.T22.051PNZE			<b>&gt;</b> ——€
CMN.05.T28.029PGZE		Grey	>
CMN.05.T28.029PNCE	PVC	Black	<b>&gt;===</b>
CMN.05.T28.029PNZE			<b>&gt;</b> ——€
005 050	PVC	Black	<b>&gt;===</b>
050 090	PVC	Black	
050 140	PVC	Grey	
150 250	PVC	Grey	

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