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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

 Cable Ø
 0.00 - 0.00 mm

 Matching parts
 FGG.0B.305.CLAD21

**Status** active

Alternative part



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

Cable Fixing : 0 - 0 mm

Variant

Weight 4.52 g

#### **Performance**

Configuration 0B.305 : 5 Low Voltage

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

Rated Current 6.5 Amps

### **Specifications**

Contact Type: Solder Max. Matings: 5000

Contact Dia.: 0.7 mm (0.028in)

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Bucket Dia.: 0.8 mm (0.031in)

Max. Solid Conductor: 0.34 mm^2 (AWG 22)
Max. Stranded Conductor: 0.34 mm^2 (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

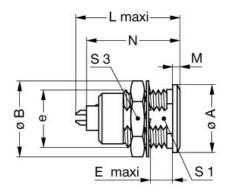
Humidity (max): <=95% [at 60 deg C /140 F]

Vibration: 15 g [10 Hz - 2000 Hz] Shock Resistance: 100 g [ 6 ms] Salt Spray Corrosion: >1000 hr Climatical Category: 50/175/21 Shielding (min): 75 dB (10 MHz) Shielding (min): 40 dB (1 GHz)

IP Rating: 50

## **DRAWINGS**

#### **Draws**







#### **Dimensions**

	А	В	E	L	М	N	S1	S3	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	

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# **RECOMMENDED BY LEMO**

### **Tools**

None

#### **Cables**

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

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