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### **SUMMARY**

#### # Wires

 Low
 8

 High
 0

 Coax
 0

Triax 0

Quad 0

Fiber 0
Fluidic 0

Series 1B

**Termination type** Female solder

IP rating 50

 Cable Ø
 0.00 - 0.00 mm

 Matching parts
 FGG.1B.308.CLAD42

**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 9.04 g

#### **Performance**

Configuration 1B.308: 8 Low Voltage

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

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

R (max): 6.1 mOhm

Vtest (contact-shell): 1150 V (AC), 1630 V (DC) Vtest (contact-contact): 950 V (AC), 1340 V (DC)

#### **Others**

Temp (min / max): -55°C / +250°C

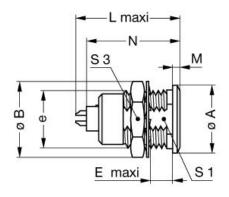
Humidity (max): <=95% [at 60 deg C /140 F]

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	Е	L	М	N	S1	<b>S</b> 3	e
mm.	14	16	7.5	23	1.5	21.1	10.5	14	M12x1.0
in.	0,55	0,63	0,30	0,91	0,06	0,83	0,41	0,55	

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# **RECOMMENDED BY LEMO**

### **Tools**

None

#### **Cables**

CMN.08.T22.059PGCE	PVC	GREY	>====<
CMN.08.T22.059PGZE		Grey	
CMN.08.T22.059PNCE	PVC	Black	>====
CMN.08.T22.059PNZE			
CMN.08.T22.059QGC	TPR	Grey	
CMN.08.T22.059QGZE	TPR (medical)	Grey	
CMN.08.T26.042QGZE	TPR (medical)	Grey	>
008 050	PVC	Black	>====
008 280	PVC	Black	
016 080	PVC	Grey	
042 265	PVC	Yellow	
080 140	PVC	Grey	
108 220	PVC	Black	
108 240	PTFE	White	>
108 260	PTFE	White	>
180 240	PVC	Black	
180 260	PVC	Black	
280 250	PVC	Grey	<b>&gt;====</b>
335 990	PVC	Black	€
335 991	PVC	Black	€

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