



# **SUMMARY**

#### # Wires

Fiber

 Low
 6

 High
 0

 Coax
 0

Triax 0

Quad 0

Fluidic 0

Series 1B

**Termination type** Female solder

IP rating 50

 Cable Ø
 0.00 - 0.00 mm

 Matching parts
 FGG.1B.306.CLAD35

**Status** active

Alternative part



Image is for illustrative purpose only

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Catalog

# **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

Cable Fixing : 0 - 0 mm

Variant

Weight 10.32 g

#### **Performance**

**Configuration** 1B.306: 6 Low Voltage

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

Rated Current 7 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): 1200 V (AC), 1700 V (DC) Vtest (contact-contact): 1050 V (AC), 1490 V (DC)

### **Others**

Temp (min / max): -55°C / +250°C

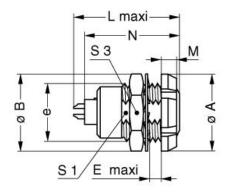
Humidity (max): <=95% [at 60 deg C /140 F]

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	S3	e
mm.	16	15.8	6	23	3.5	21.1	10.5	14	M12x1.0
in.	0,63	0,62	0,24	0,91	0,14	0,83	0,41	0,55	

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# **RECOMMENDED BY LEMO**

#### Tools

Spanner 2: DCH.91.161.PA

### **Cables**

CMN.06.T22.055PGCE	PVC	GREY	
CMN.06.T22.055PGZE		Grey	>
CMN.06.T22.055PNCE	PVC	Black	
CMN.06.T22.055PNZE			>
CMN.06.T26.037QGZE	TPR (medical)	Grey	<b>&gt;</b>
CMN.06.T28.031PGCE	PVC	GREY	<b>&gt;</b>
CMN.06.T28.031PGZE		Grey	>
CMN.06.T28.031PNCE	PVC	Black	<b>&gt;===</b>
CMN.06.T28.031PNZE			>
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGCE	PVC	GREY	<b>&gt;====</b>
CMN.06.T28.044PGZE		Grey	>
CMN.06.T28.044PNCE	PVC	Black	<b>&gt;===</b>
CMN.06.T28.044PNZE			>
006 280	PVC	Black	
012 080	PVC	Grey	
060 260	PTFE	White	<b>&gt;</b>
106 220	PVC	Black	
106 240	PTFE	White	<b>&gt;</b>
160 140	PVC	Grey	
160 240	PVC	Black	
160 260	PVC	Black	
260 250	PVC	Grey	

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