



# **SUMMARY**

#### # Wires

Low voltage 6



Image is for illustrative purpose only

Series 2B

**Termination type** Female solder

IP rating 50

AWG wire size 20.00 - 20.00

Cable Ø 1.40 - 9.90 mm

Status active

Matching parts FGG.2B.306.CLAD62Z

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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

**Weight** 15.30 g

#### **Performance**

Configuration 2B.306 : 6 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 12 Amps

## **Specifications**

Contact Type: Solder

Contact Dia.: 1.3 mm (0.051in) Bucket Dia.: 1 mm (0.039in)

Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20) Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20)

R (max): 3.6 mOhm

Vtest (contact-shell): 1450 V (AC), 2050 V (DC) Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

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## **Others**

Endurance (Shell): 5000

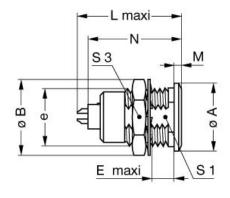
Temp (min / max): -55°C / +250°C

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	M	N	<b>S</b> 1	\$3	e
mm.	18	19.5	8.5	26.7	1.8	24.6	13.5	17	M15x1.0
in.	0.71	0.77	0.33	1.05	0.07	0.97	0.53	0.67	

# **RECOMMENDED BY LEMO**

### **Tools**

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## **Cables**

CMN.06.T22.055PGCE	PVC	GREY	
CMN.06.T20.062PGCE	PVC	GREY	
CMN.06.T28.031PGCE	PVC	GREY	
CMN.06.T28.044PGCE	PVC	GREY	
CMN.06.T20.062QGZE	TPR (medical)	Grey	<b>&gt;</b>
CMN.06.T20.062PGZE	( 22 223,	Grey	>
CMN.06.T20.062PNCE	PVC	Black	
CMN.06.T20.062PNZE			
CMN.06.T22.055PGZE		Grey	
CMN.06.T22.055PNCE	PVC	Black	
CMN.06.T22.055PNZE	1.10		
CMN.06.T26.037QGZE	TPR (medical)	Grey	
CMN.06.T28.031PGZE	Trix (medicat)	Grey	
CMN.06.T28.031PNCE	PVC	Black	
CMN.06.T28.031PNZE	1 40	Diack	
	TPR (medical)		
CMN.06.T28.042QBCE CMN.06.T28.044PGZE	TPR (medical)	Crov	
	PVC	Grey	
CMN.06.T28.044PNCE	PVC	Black	
CMN.06.T28.044PNZE			
006 280	PVC	Black	
012 080	PVC	Grey	
060 260	PTFE	White	<b>&gt;</b>
106 200	PVC	Black	
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	
360 500	PVC	Grey	
360 750	PVC	Grey	<b>&gt;</b> ====

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