



## **SUMMARY**

#### # Wires

 Low
 6

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0

Series 2B

Termination type Male crimp

IP rating 50

 Cable Ø
 0.00 - 0.00 mm

 Matching parts
 FGJ.2B.306.CYMD52

**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** 2 keys (alpha=37.5, plug: female contacts, receptacle: male 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** 13.30 g

#### **Performance**

**Configuration** 2B.306: 6 Low Voltage

Insulator Y: PEEK for crimp contacts

Rated Current 12 Amps

### **Specifications**

Contact Type: Crimp Max. Matings: 5000 Contact Retention: 40 N

Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1.4 mm (0.055in)
Min. Conductor: 0.5 mm^2 (AWG 20)
Max. Conductor: 1 mm^2 (AWG 18)

R (max): 3.6 mOhm

Vtest (contact-shell): 2350 V (AC), 3320 V (DC) Vtest (contact-contact): 2000 V (AC), 2850 V (DC)

#### **Others**

Temp (min / max):  $-55^{\circ}$ C /  $+250^{\circ}$ C

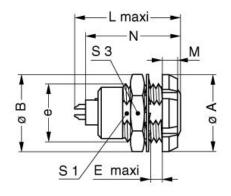
Humidity (max): <=95% [at 60 deg C /140 F]

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	<b>S</b> 3	e
mm.	20	19.2	6.5	26.7	3.5	24.6	13.5	17	M15x1.0
in.	0,79	0,76	0,26	1,05	0,14	0,97	0,53	0,67	

# **RECOMMENDED BY LEMO**

### **Tools**

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 18-20/8-7

Positionner: DCE.91.132.BVC Extractor: DCF.91.131.2LT Spanner 2: DCH.91.201.PA

Replacement contact: FGG.2B.565.ZZC

#### **Cables**

CMN.06.T18.070PGCE	PVC	GREY	
CMN.06.T18.070PGZE		Grey	<b>&gt;</b>
CMN.06.T18.070PNCE	PVC	Black	<b>&gt;====</b>
CMN.06.T18.070PNZE			<b>&gt;</b>
CMN.06.T20.062PGCE	PVC	GREY	<b>&gt;====</b>
CMN.06.T20.062PGZE		Grey	<b>&gt;</b>
CMN.06.T20.062PNCE	PVC	Black	<b>&gt;====</b>
CMN.06.T20.062PNZE			<b>&gt;</b>
CMN.06.T20.062QGZE	TPR (medical)	Grey	<b>▶</b>
CMN.06.T22.055PGCE	PVC	GREY	<b>&gt;</b> ====
CMN.06.T22.055PGZE		Grey	<b>▶</b>
CMN.06.T22.055PNCE	PVC	Black	<b>&gt;</b>
CMN.06.T22.055PNZE			<b>&gt;</b>
CMN.06.T26.037QGZE	TPR (medical)	Grey	<b>&gt;</b>
CMN.06.T28.031PGCE	PVC	GREY	<b>&gt;</b> =====
CMN.06.T28.031PGZE		Grey	<b>&gt;</b>
CMN.06.T28.031PNCE	PVC	Black	<b>&gt;</b>
CMN.06.T28.031PNZE			<b>&gt;</b>
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGCE	PVC	GREY	<b>&gt;====</b>
CMN.06.T28.044PGZE		Grey	<b>&gt;</b> ─── <b></b>
CMN.06.T28.044PNCE	PVC	Black	<b>&gt;</b>
CMN.06.T28.044PNZE			<b>&gt;</b>
006 280	PVC	Black	
012 080	PVC	Grey	
060 260	PTFE	White	<b>&gt;</b> □
106 200	PVC	Black	- K
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	<b>&gt;</b> ====
360 500	PVC	Grey	
360 750	PVC	Grey	