

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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#### www.lemo.com

## **SUMMARY**

#### # Wires

 Low
 6

 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.306.CLAD42Z

Status

Alternative part



Image is for illustrative purpose only

#### **Download**

Request a quote

Catalog

## **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

### **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) 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):  $-55^{\circ}$ C /  $+250^{\circ}$ C

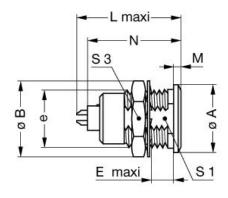
Humidity (max):  $\leq 95\%$  [at 60 deg C /140 F]

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	<b>S</b> 1	<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	

# **RECOMMENDED BY LEMO**

### Tools

None

## **Cables**

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