

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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# **SUMMARY**

#### # Wires

 Low
 4

 High
 0

 Coax
 0

 Triax
 0

Quad 0
Fiber 0
Fluidic 0

Series 18

**Termination type** Female solder

IP rating 68

 Cable Ø
 0.00 - 0.00 mm

 Matching parts
 FGG.1K.304.CLAC65

Status

Alternative part



Image is for illustrative purpose only

### **Download**

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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** 1K.304 : 4 Low Voltage

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

Rated Current 10 Amps

## **Specifications**

Contact Type: Solder Max. Matings: 5000

Contact Dia.: 0.9 mm (0.035in) 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): 4.8 mOhm

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

## Others

Endurance (Shell): 5000 mating cycles Temp (min / max): -55°C / +200°C

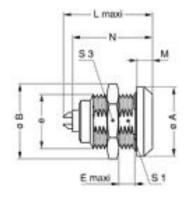
Humidity (max): <=95% [at 60 deg C /140 F]

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): 95 dB (10 MHz) Shielding (min): 80 dB (1 GHz)

IP Rating: 68

# **DRAWINGS**

### **Draws**







### **Dimensions**

	А	В	E	L	М	N	<b>S</b> 1	\$3	e
mm.	20	21.5	9	27	4.5	25.1	14.5	19	M16x1.0
in.	0,79	0,85	0,35	1,06	0,18	0,99	0,57	0,75	

# **RECOMMENDED BY LEMO**

## Tools

None

## Cables

CMN.04.T22.047PGCE	PVC	GREY	
CMN.04.T22.047PGZE		Grey	▶——€
CMN.04.T22.047PNCE	PVC	Black	<b>&gt;</b>
CMN.04.T22.047PNZE			<b>→</b>
CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	<b>&gt;</b>
CMN.04.T28.031PGCE	PVC	GREY	>===
CMN.04.T28.031PGZE		Grey	<b>&gt;</b>
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			>€
CMN.04.T28.031QGC	TPR	Grey	
004 041	PVC	Grey	<b>&gt;</b>
004 050	PVC	Black	
004 080	PVC	Grey	
004 220	PVC	Black	
004 221	PVC	Black	-
004 260	PTFE	White	<b>≥</b>
004 280	PVC	Black	
040 080	PVC	Black	
040 086	PVC	Blue	
040 140	PVC	Black	
040 240	PTFE	White	>
040 260	PVC	Black	
080 080	PVC	Grey	
080 082	PVC	Red	
080 084	PVC	Black	
140 240	PVC	Black	
140 250	PVC	Grey	
417 920	PVC	Grey	
CTR.75.030.121870G	PVC	Grey	