

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low	8
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	1K
Termination type	Female print 90° PCB
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FGG.1K.308.CLAC40
Status	active
Alternative part	

### Download

- [Request a quote](#)
- [PCB Eagle Pattern](#)
- [PCB Altium Pattern](#)
- [Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EE*: Fixed receptacle, nut fixing, with elbow contacts for printed circuit (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	20.68 g

### Performance

Configuration	1K.308 : 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	

### Specifications

Contact Type: Print (elbow)  
Max. Matings: 5000

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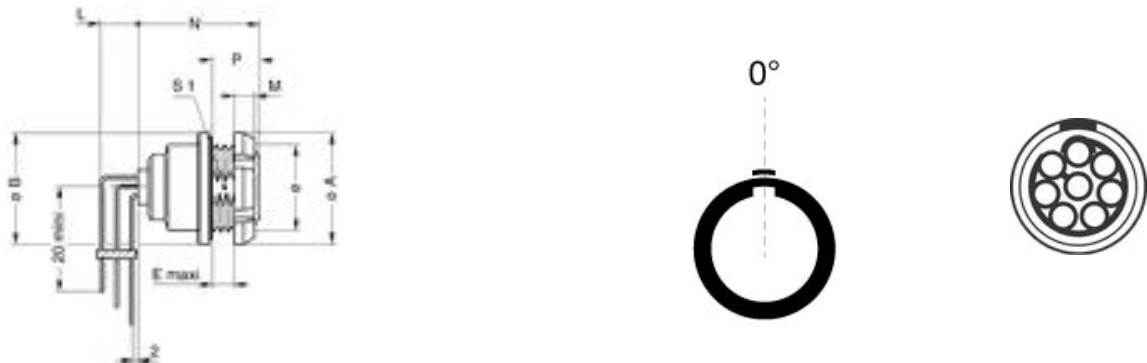
Contact Dia.: 0.7 mm (0.028in)  
 R (max): 6.1 mOhm  
 Vtest (contact-shell): 1150 V (AC), 1630 V (DC)  
 Vtest (contact-contact): 950 V (AC), 1340 V (DC)

## 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  
 Climatological Category: 50/175/21  
 Shielding (min): 95 dB (10 MHz)  
 Shielding (min): 80 dB (1 GHz)  
 IP Rating: 68

## DRAWINGS

### Draws



### Dimensions

	A	B	E	M	N	P	S1	e
mm.	20	20	6.2	3.5	24.3	10	14.5	M16x1.0
in.	0,79	0,79	0,24	0,14	0,96	0,39	0,57	

## RECOMMENDED BY LEMO

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## Tools

None

## Cables

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