

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 9

Series OK  
Termination type Female print PCB  
IP rating 68 when mated  
AWG wire size 0.00 - 0.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [FGG.0K.309.CLAC50Z](#)

### Download

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[PCB Eagle Pattern](#)  
[PCB Altium Pattern](#)  
[PCB KiCad Pattern](#)  
[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model EG\*: Fixed receptacle, nut fixing  
Keying No keying  
Housing Material Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces  
Weight 11.80 g

### Performance

Configuration OK.309 : 9 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 2 Amps

### Specifications

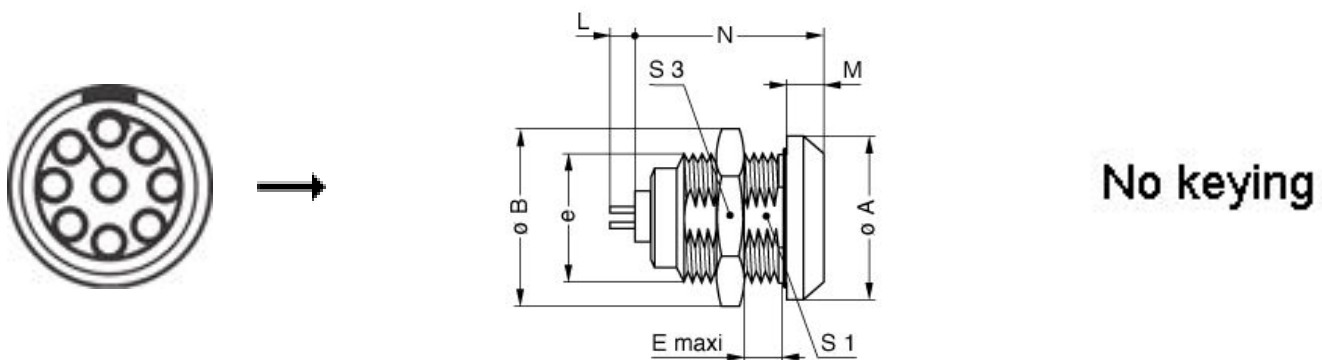
Contact Type: Print (straight)  
Contact Dia.: 0.5 mm (0.02in)  
R (max): 8.7 mOhm  
Vtest (contact-shell): 500 V (AC), 710 V (DC)  
Vtest (contact-contact): 600 V (AC), 850 V (DC)

### Others

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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]  
 Climatical Category: 50/175/21  
 Shielding (min): 95 dB (10 MHz)  
 Shielding (min): 80 dB (1 GHz)  
 Salt Spray Corrosion: >1000 hr

## DRAWINGS



### Dimensions

	A	B	E	Lmax	M	N	S1	S3	e
mm.	18	19.5	6	23.3	4	20.1	12.5	17	M14x1.0
in.	0,71	0,77	0,24	0,92	0,16	0,79	0,49	0,67	

## RECOMMENDED BY LEMO

### Tools

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