

## SUMMARY

### # Wires

Low voltage 9



*Image is for illustrative purpose only*

Series	3K
Termination type	Female solder
IP rating	68
AWG wire size	22.00 - 14.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">FGG.3K.309.CLAC11</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EB*: Fixed receptacle with square flange and 4 screw fixing
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight	51.84 g

### Performance

Configuration	3K.309 : 9 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	

### Specifications

Contact Type: Solder
Contact Dia.: 2 mm (0.079in)
Bucket Dia.: 1.8 mm (0.071in)
Max. Solid Conductor: 1.5 mm <sup>2</sup> (AWG 14)
Max. Stranded Conductor: 1.5 mm <sup>2</sup> (AWG 16)
R (max): 3.3 mOhm
Vtest (contact-shell): 1050 V (AC), 1490 V (DC)
Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

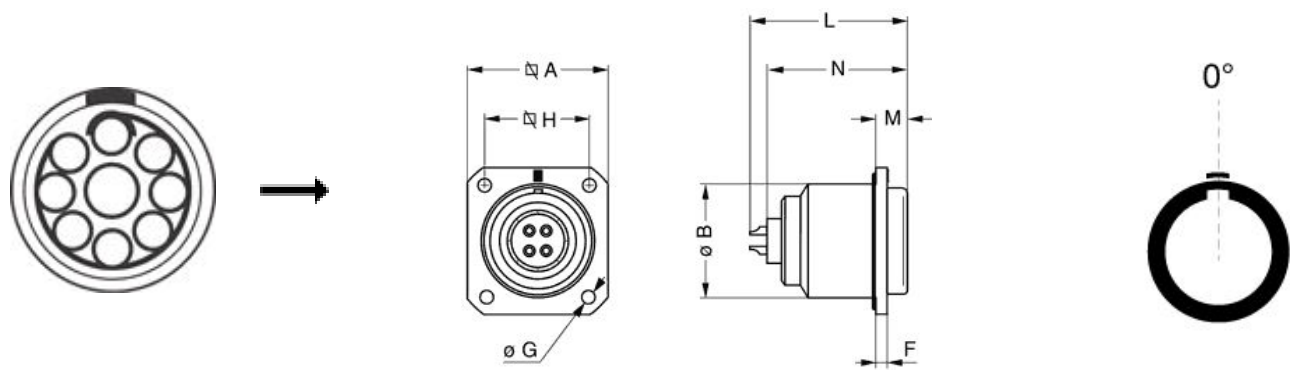
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Vtest (contact-shell): 1050 V (AC), 1490 V (DC)

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]
- 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	F	G	H	L	M	N
mm.	29	23	3	3.4	23	36.2	6	32.6
in.	1,14	0,91	0,12	0,13	0,91	1,43	0,24	1,28

RECOMMENDED BY LEMO

Tools

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Cables

CMN.09.T28.050CNQZ			
CMN.09.T28.051PGZE		Grey	
CMN.09.T28.051PNZE			
CMN.09.T28.051QGZE	TPR (medical)	Grey	

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