

## SUMMARY

### # Wires

Low voltage 10



*Image is for illustrative purpose only*

Series 2K  
Termination type Female solder  
IP rating 68 when mated  
AWG wire size 30.00 - 22.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [FGG.2K.310.CLAC60Z](#)

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## 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 37.05 g

### Performance

Configuration 2K.310 : 10 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 8 Amps

### Specifications

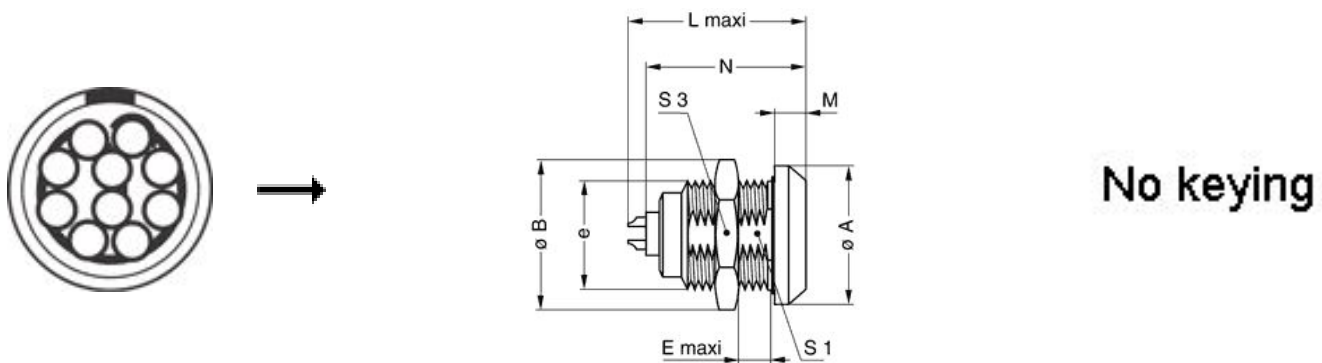
Contact Type: Solder  
Contact Dia.: 0.9 mm (0.035in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 4.8 mOhm  
Vtest (contact-shell): 1300 V (AC), 1840 V (DC)  
Vtest (contact-contact): 1450 V (AC), 2050 V (DC)

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## 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	E	L	M	N	S1	S3	e
mm.	25	27.5	9	30.7	5	28.6	18.5	24	M20x1.0
in.	0,98	1,08	0,35	1,21	0,20	1,13	0,73	0,94	

## RECOMMENDED BY LEMO

## Tools

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## Cables

CMN.10.T22.068QGZE	TPR (medical)	Grey	
CMN.10.T28.052PGZE		Grey	
CMN.10.T28.052PNZE			
CMN.10.T28.053QGZE	TPR (medical)	Grey	
110220	PVC	Black	
110240	PTFE	White	
110260	PTFE	White	
110280	PVC	Black	
210140	PVC	Grey	
210240	PVC	Black	
210250	PVC	Grey	
210260	PVC	Black	

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