

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 14

Series 1K  
Termination type Female solder  
IP rating 68 when mated  
AWG wire size 34.00 - 28.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [FGG.1K.314.CLAC50](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model EH\*: Fixed receptacle, nut fixing and protruding shell  
Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)  
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 24.93 g

### Performance

Configuration 1K.314 : 14 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 2 Amps

### Specifications

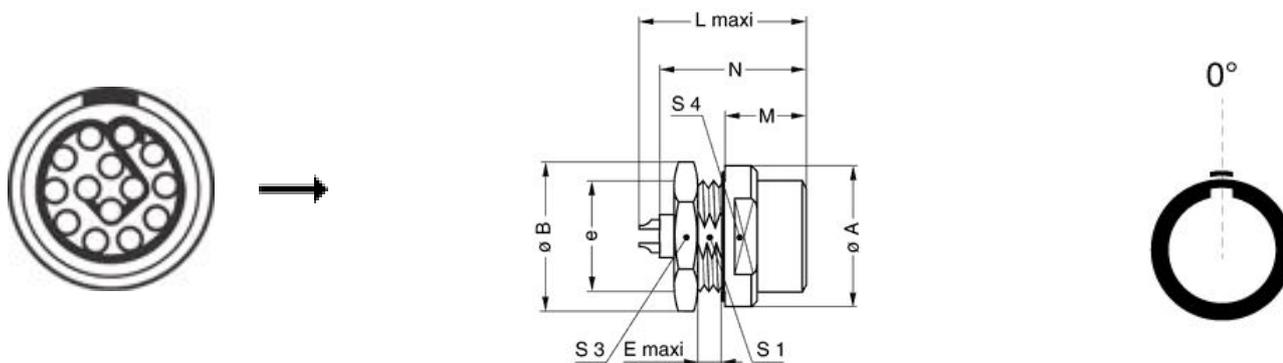
Contact Type: Solder  
Contact Dia.: 0.5 mm (0.02in)  
Bucket Dia.: 0.45 mm (0.018in)  
Max. Solid Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
Max. Stranded Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
R (max): 8.7 mOhm  
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)  
Vtest (contact-contact): 800 V (AC), 1130 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	S4	e
mm.	20	21.5	1.5	27	15.5	25.1	14.5	19	17	M16x1.0
in.	0,79	0,85	0,06	1,06	0,61	0,99	0,57	0,75	0,67	

## RECOMMENDED BY LEMO

### Tools

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## Cables

CMN.14.T28.056PGZE		Grey	
CMN.14.T28.056PNZE			
CMN.14.T28.056QGZE	TPR (medical)	Grey	

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