

## SUMMARY

### # Wires

Low voltage 14



*Image is for illustrative purpose only*

Series	1K
Termination type	Female print PCB
IP rating	68
AWG wire size	34.00 - 28.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">FGA.1K.314.CLAC45Z</a>

### Download

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

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EE*: Fixed receptacle, nut fixing, with straight contacts for printed circuit (back panel mounting)
Keying	2 keys (alpha=30, 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	19.44 g

### Performance

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

### Specifications

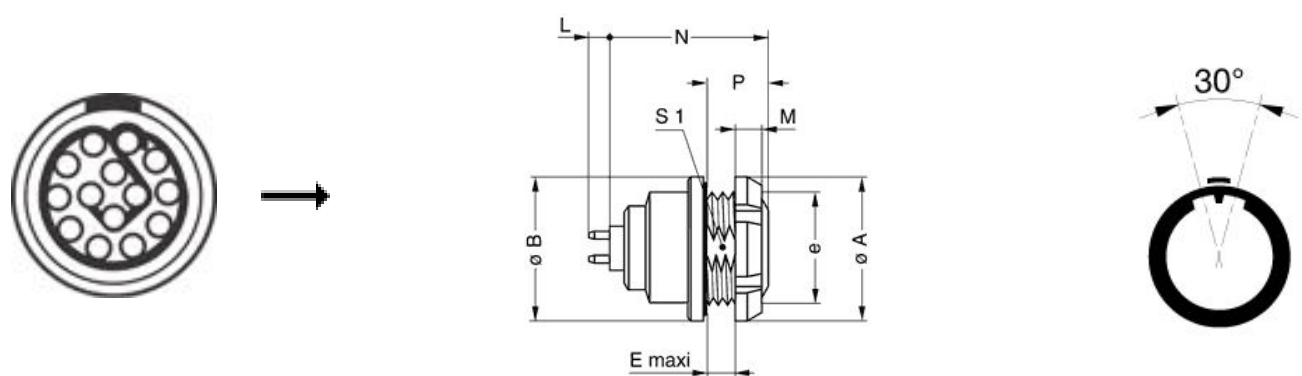
Contact Type: Print (straight)  
Contact Dia.: 0.5 mm (0.02in)  
R (max): 8.7 mOhm  
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)  
Vtest (contact-contact): 800 V (AC), 1130 V (DC)

### 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	M	N	P	S1	e
mm.	20	20	6.2	3.5	23.8	10	14.5	M16x1.0
in.	0,79	0,79	0,24	0,14	0,94	0,39	0,57	

## RECOMMENDED BY LEMO

### Tools

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