

## SUMMARY

### # Wires

Low voltage 10



Image is for illustrative purpose only

Series	4K
Termination type	Female solder
IP rating	68 when mated
AWG wire size	24.00 - 16.00
Cable Ø	10.60 - 12.00 mm
Status	active
Matching parts	<a href="#">FGG.4K.310.CLAC11</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PH*: Free receptacle, cable collet
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	159.33 g

### Performance

Configuration	4K.310 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	17 Amps

### Specifications

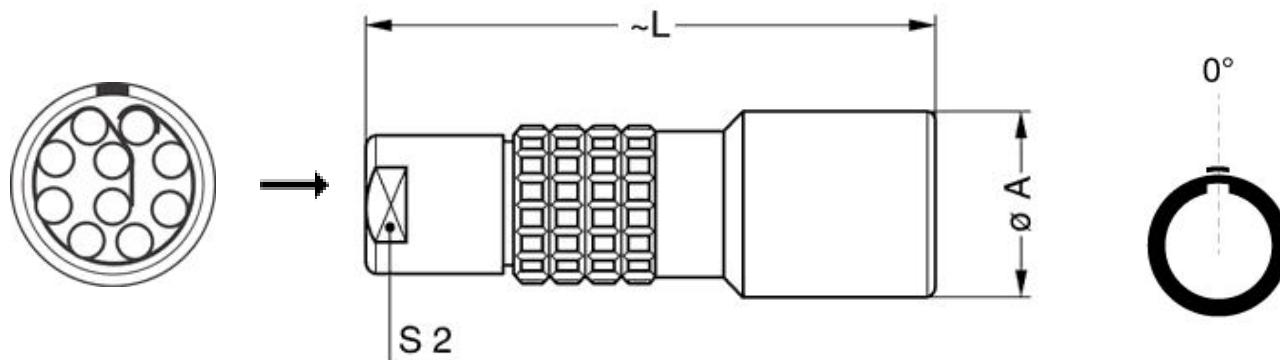
Contact Type:	Solder
Contact Dia.:	1.6 mm (0.063in)
Bucket Dia.:	1.4 mm (0.055in)
Max. Solid Conductor:	1 mm <sup>2</sup> (AWG 16)
Max. Stranded Conductor:	1 mm <sup>2</sup> (AWG 18)
R (max):	3.5 mOhm
Vtest (contact-shell):	1300 V (AC), 1840 V (DC)
Vtest (contact-contact):	1850 V (AC), 2600 V (DC)

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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	L	S2
mm.	29	75.5	19
in.	1,14	2,97	0,75

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.4E.ZZZ.PA190](#)

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