

## SUMMARY

### # Wires

Low voltage 14



*Image is for illustrative purpose only*

Series 5K  
Termination type Female crimp  
IP rating 68  
AWG wire size 16.00 - 12.00  
Cable Ø 20.60 - 21.50 mm  
Status active

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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 and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces  
Weight 416.22 g

### Performance

Configuration 5K.314 : 14 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 18 Amps

### Specifications

Contact Type: Crimp  
Contact Retention: 65 N  
Contact Dia.: 2 mm (0.079in)  
Bucket Dia.: 2.4 mm (0.094in)  
Min. Conductor: 1.5 mm<sup>2</sup> (AWG 16)  
Max. Conductor: 2.5 mm<sup>2</sup> (AWG 12)  
R (max): 3.3 mOhm  
Vtest (contact-shell): 2950 V (AC), 4170 V (DC)

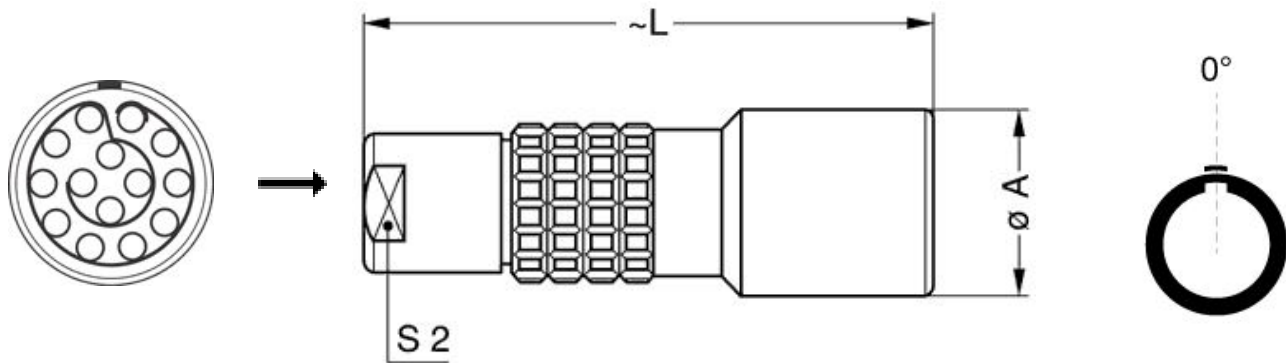
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Vtest (contact-contact): 2850 V (AC), 4030 V (DC)

## 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	L	S2
mm.	42	95	32
in.	1,65	3,74	1,26

## RECOMMENDED BY LEMO

### Tools

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Crimp Tool: [DPC.91.101.A](#)  
Crimp settings: AWG/Selector = 12-14-16/8-7-6  
Positionner: [DCE.91.205.BVCM](#)  
Extractor: [DCC.91.202.5LA](#)  
Replacement contact: EGG.5B.675.ZZM

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