

## SUMMARY

### # Wires

Low voltage 5



*Image is for illustrative purpose only*

Series 2K  
Termination type Female crimp  
IP rating 68  
AWG wire size 24.00 - 20.00  
Cable Ø 5.10 - 5.50 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

### Performance

Configuration 2K.305 : 5 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 14 Amps

### Specifications

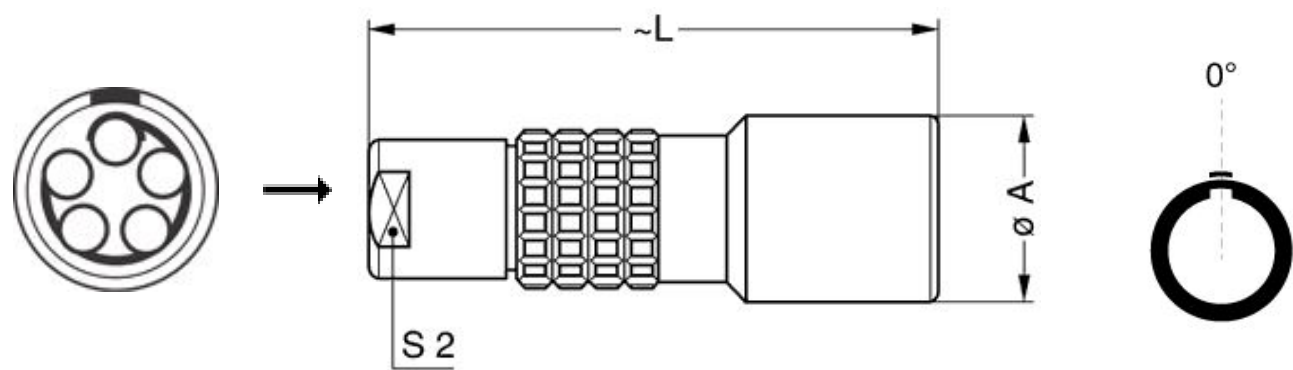
Contact Type: Crimp  
Contact Retention: 40 N  
Contact Dia.: 1.3 mm (0.051in)  
Bucket Dia.: 1.1 mm (0.043in)  
Min. Conductor: 0.25 mm<sup>2</sup> (AWG 24)  
Max. Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
R (max): 3.6 mOhm  
Vtest (contact-shell): 2150 V (AC), 3040 V (DC)  
Vtest (contact-contact): 2150 V (AC), 3040 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.	19	54	12
in.	0,75	2,13	0,47

RECOMMENDED BY LEMO



Tools

Crimp Tool: [DPC.91.701.V](#)  
Crimp settings: AWG/Selector = 20-22-24/6-5-5

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Positionner: [DCE.91.132.BVM](#)  
Extractor: [DCF.91.131.2LT](#)  
Replacement contact: EGG.2B.666.ZZM  
Spanner wrench: [DCD.2E.020.PA120](#)

Cables

CMN.05.T22.051QGZE	TPR (medical)	Grey	
150250	PVC	Grey	

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