

## 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

### Download

[Request a quote](#)

[Catalog](#)

## 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)

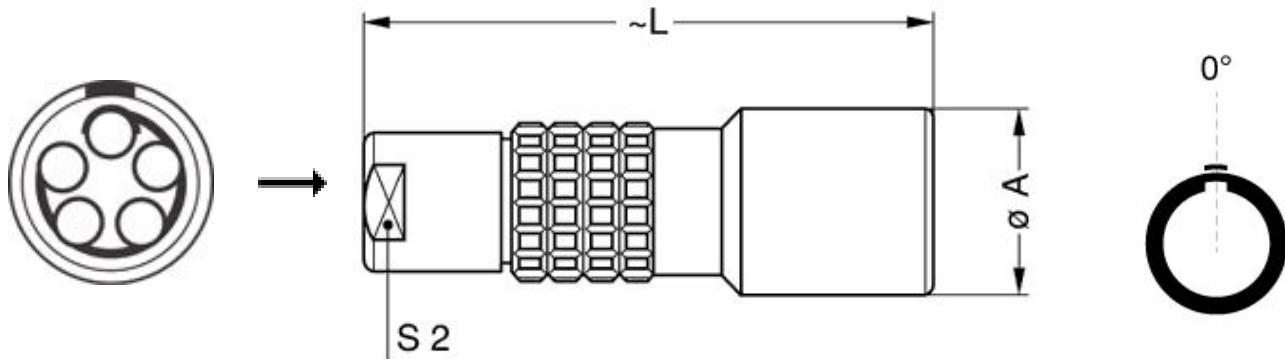
LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

## 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

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

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	

*LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.*