

## SUMMARY

### # Wires

Low voltage 4



Image is for illustrative purpose only

Series	2K
Termination type	Female crimp
IP rating	68
AWG wire size	20.00 - 18.00
Cable Ø	6.10 - 6.50 mm
Status	active
Matching parts	<a href="#">FGG.2K.304.CYCC65</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 and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces

### Performance

Configuration	2K.304 : 4 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	15 Amps

### Specifications

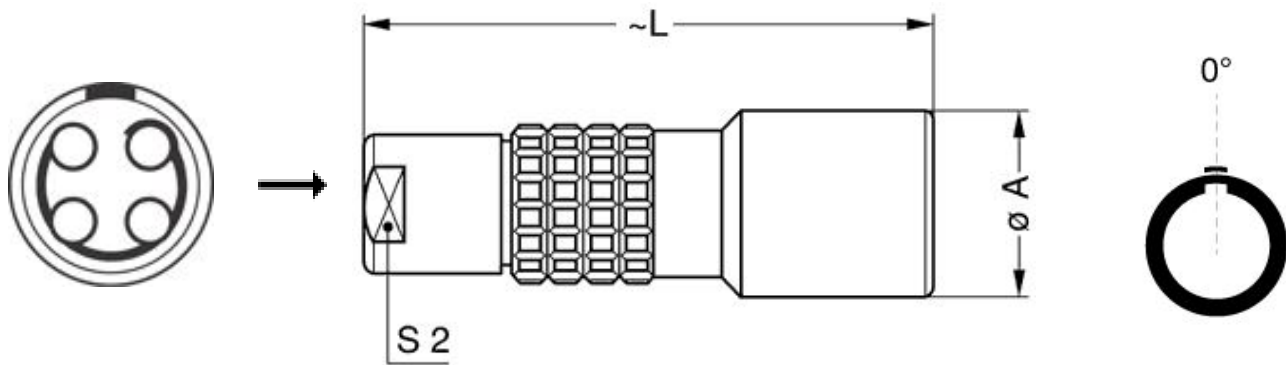
Contact Type:	Crimp
Contact Retention:	40 N
Contact Dia.:	1.3 mm (0.051in)
Bucket Dia.:	1.4 mm (0.055in)
Min. Conductor:	0.5 mm <sup>2</sup> (AWG 20)
Max. Conductor:	1 mm <sup>2</sup> (AWG 18)
R (max):	3.6 mOhm
V <sub>test</sub> (contact-shell):	2200 V (AC), 3110 V (DC)
V <sub>test</sub> (contact-contact):	2200 V (AC), 3110 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 = 18-20/8-7

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Positionner: [DCE.91.132.BVM](#)  
Extractor: [DCF.91.131.2LT](#)  
Replacement contact: EGG.2B.665.ZZM  
Spanner wrench: [DCD.2E.020.PA120](#)

## Cables

240500	PVC	Grey	
417920	PVC	Grey	
CTR.75.030.121870G	PVC	Grey	

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