

## SUMMARY

### # Wires

Low	6
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	1K
Termination type	Female crimp
IP rating	68
Cable Ø	3.60 - 4.00 mm
Matching parts	FGG.1K.306.CYCC40Z
Status	active
Alternative part	



*Image is for illustrative purpose only*

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PH*: Free receptacle, cable collet and nut for fitting a bend relief
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 3.6 - 4 mm
Variant	Z : Nut for fitting a bend relief
Weight	28.77 g

### Performance

Configuration	1K.306 : 6 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	7 Amps

### Specifications

Contact Type: Crimp  
Max. Matings: 5000

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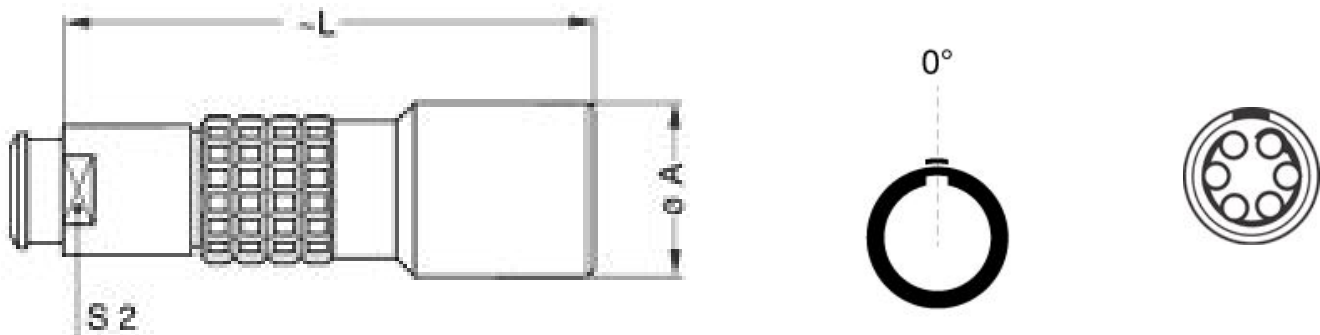
Contact Retention: 22 N  
 Contact Dia.: 0.7 mm (0.028in)  
 Bucket Dia.: 0.8 mm (0.031in)  
 Min. Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
 Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 R (max): 6.1 mOhm  
 Vtest (contact-shell): 1450 V (AC), 2050 V (DC)  
 Vtest (contact-contact): 1350 V (AC), 1910 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]  
 Salt Spray Corrosion: >1000 hr  
 Climatical Category: 50/175/21  
 Shielding (min): 95 dB (10 MHz)  
 Shielding (min): 80 dB (1 GHz)  
 IP Rating: 68

## DRAWINGS

### Draws



### Dimensions

	A	L	S2
mm.	15	45	9
in.	0,59	1,77	0,35

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# RECOMMENDED BY LEMO

## Tools

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 22-24-26/6-5-5

Positionner: DCE.91.071.BVM

Extractor: DCF.91.070.2LT

Replacement contact: EGG.1B.655.ZZM

Spanner wrench: DCD.1E.008.PA090

## Cables

CMN.06.T26.037QGZE	TPR (medical)	Grey	
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