

## SUMMARY

### # Wires

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



*Image is for illustrative purpose only*

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Series	0K
Termination type	Female crimp
IP rating	68
Cable Ø	4.10 - 4.50 mm
Matching parts	FGG.0K.306.CYCC45Z
Status	<b>obsolete</b>
Alternative part	

## 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	∅ 4.1 - 4.5 mm
Variant	Z : Nut for fitting a bend relief
Weight	15.26 g

### Performance

Configuration	0K.306 : 6 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	2.5 Amps

### Specifications

Contact Type: Crimp  
Max. Matings: 3000

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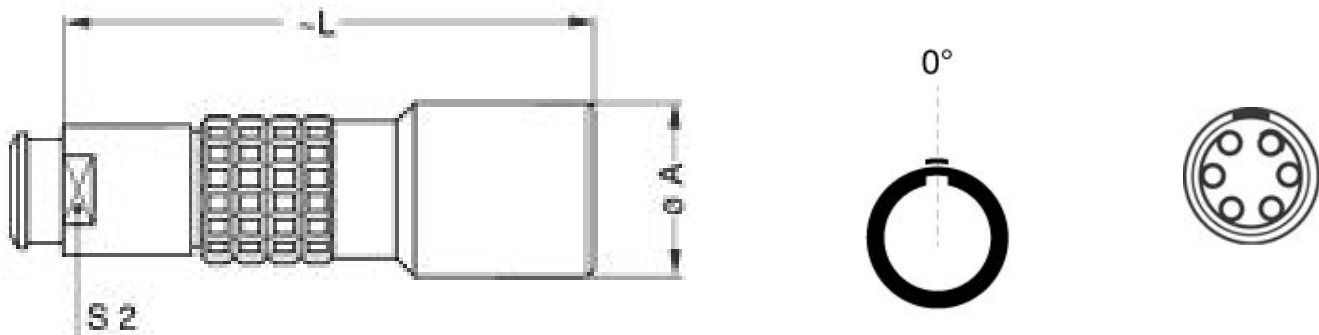
Contact Retention: 12 N  
 Contact Dia.: 0.5 mm (0.02in)  
 Bucket Dia.: 0.45 mm (0.018in)  
 Min. Conductor: 0.035 mm<sup>2</sup> (AWG 32)  
 Max. Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
 R (max): 8.7 mOhm  
 Vtest (contact-shell): 1200 V (AC), 1700 V (DC)  
 Vtest (contact-contact): 1400 V (AC), 1980 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.	13	34	7
in.	0,51	1,34	0,28

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# RECOMMENDED BY LEMO

## Tools

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 28-30-32/4-3-3

Positionner: DCE.91.050.BVM

Extractor: DCF.91.050.2LT

Replacement contact: EGG.0B.654.ZZM

Spanner wrench: DCD.0E.007.PA070

## Cables

CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGCE	PVC	GREY	
CMN.06.T28.044PGZE		Grey	
CMN.06.T28.044PNCE	PVC	Black	
CMN.06.T28.044PNZE			

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