

## SUMMARY

### # Wires

Low voltage 6



*Image is for illustrative purpose only*

Series	OK
Termination type	Female crimp
IP rating	68 mated (mating interface)
AWG wire size	32.00 - 28.00
Cable Ø	4.10 - 4.50 mm
Status	obsolete
Matching parts	<a href="#">FGG.0K.306.CYCC45Z</a>

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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 [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Variant	Z : Nut for fitting a bend relief
Weight	15.26 g

### Performance

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

### Specifications

Contact Type:	Crimp
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)

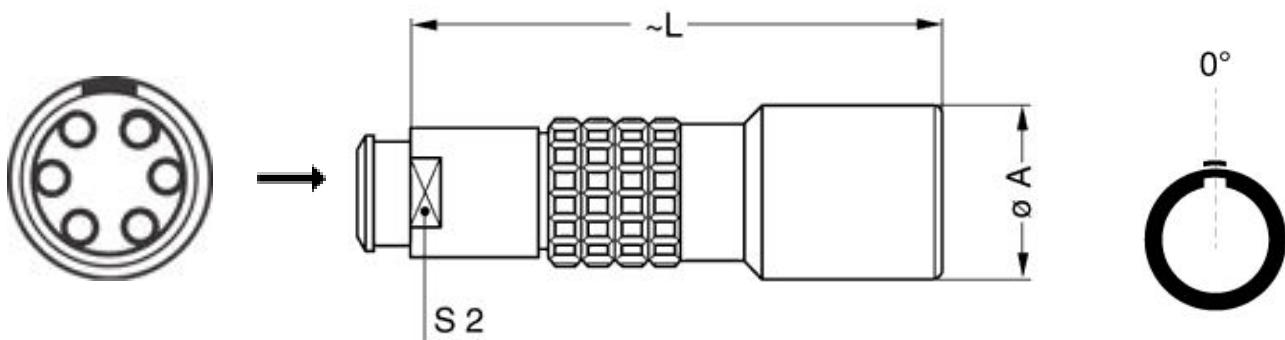
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R (max): 8.7 mOhm  
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)  
Vtest (contact-contact): 1400 V (AC), 1980 V (DC)

## 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]  
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.	13	34	7
in.	0,51	1,34	0,28



## RECOMMENDED BY LEMO

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## Tools

Crimp Tool:	<a href="#">DPC.91.701.V</a>
Crimp settings:	AWG/Selector = 28-30-32/4-3-3
Positionner:	<a href="#">DCE.91.050.BVM</a>
Extractor:	<a href="#">DCC.05.02B.LAG</a>
Replacement contact:	EGG.0B.654.ZZM
Spanner wrench:	<a href="#">DCD.0E.ZZZ.PA070</a>

## Cables

CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		Grey	
CMN.06.T28.044PNZE			

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