

## SUMMARY

### # Wires

Low	14
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



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### Series

Termination type	Female crimp
IP rating	68
Cable Ø	7.60 - 8.00 mm
Matching parts	FGG.3K.314.CYCC80

## 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) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	C80: 7.6 - 8 mm
Variant	

### Performance

Configuration	3K.314 : 14 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	9 Amps

### Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 30 N
Contact Dia.: 0.9 mm (0.035in)
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): 4.8 mOhm

Vtest (contact-shell): 1650 V (AC), 2350 V (DC)  
Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

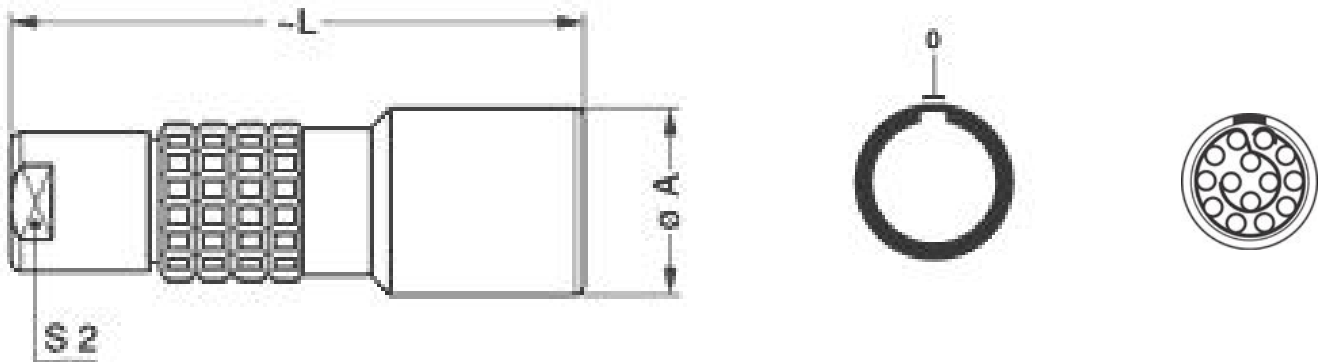
## Others

Humidity (max):  $\leq 95\%$  [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

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## DRAWINGS

### Draws



### Dimensions

	A	L	S2
mm.	23	65	15
in.	0,91	2,56	0,59

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## RECOMMENDED BY LEMO

### Tools

Crimp Tool: DPC.91.701.V  
Crimp settings: AWG/Selector = 20-22-24/6-5-5  
Positionner: DCE.91.093.BVM  
Extractor: DCF.91.093.5LT  
Replacement contact: EGG.3B.660.ZZM  
Spanner wrench: MTZ.3E.265.150

## Cables

314 250

PVC

Grey

