

## SUMMARY

### # Wires

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



*Image is for illustrative purpose only*

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### Series

Termination type	Male crimp
IP rating	50
Cable Ø	9.30 - 9.90 mm
Matching parts	FGJ.2B.314.CYMD99
Status	active

Alternative part

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PH*: Free receptacle, cable collet
Keying	2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 9.3 - 9.9 mm
Variant	

### Performance

Configuration	2B.314 : 14 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	6.5 Amps

### Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 22 N

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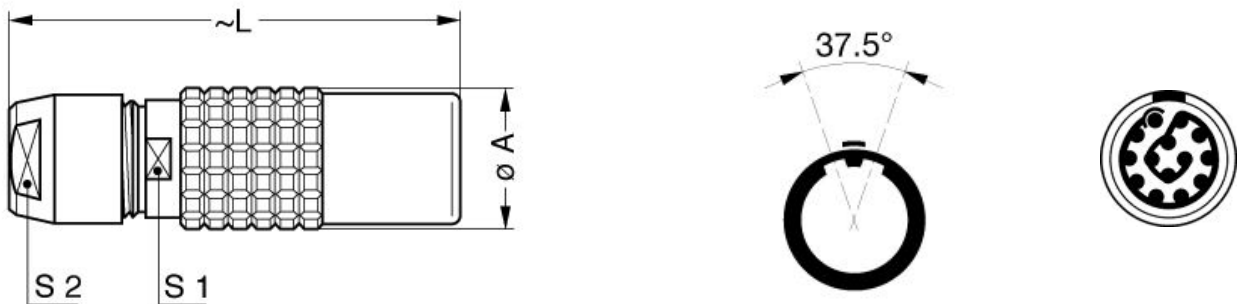
Contact Dia.: 0.7 mm (0.028in)  
 Bucket Dia.: 0.8 mm (0.031in)  
 Min. Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
 Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 R (max): 6.1 mOhm  
 Vtest (contact-shell): 1950 V (AC), 2750 V (DC)  
 Vtest (contact-contact): 1550 V (AC), 2200 V (DC)

## Others

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): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 IP Rating: 50

## DRAWINGS

### Draws



### Dimensions

	A	L	S1	S2
mm.	16.5	47	13	12
in.	0,65	1,85	0,51	0,47

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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.91.072.BVC

Extractor: DCF.92.070.3LT

Replacement contact: FGG.2B.555.ZZC

Spanner wrench: MTZ.2B.220.120

## Cables

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