

## SUMMARY

### # Wires

Low	10
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	Female crimp
IP rating	50
Cable Ø	9.30 - 10.00 mm
Matching parts	FGG.3B.310.CYCD10
Status	active

Alternative part

## 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	∅ 9.3 - 10 mm
Variant	

### Performance

Configuration	3B.310 : 10 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	12 Amps

### Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 40 N

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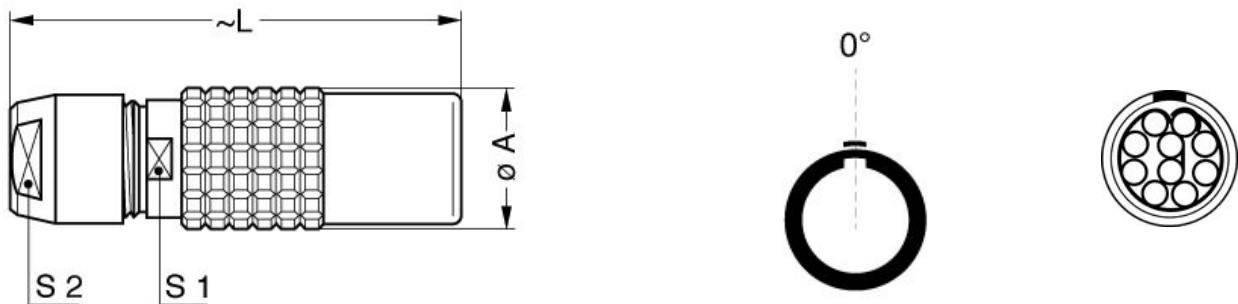
Contact Dia.: 1.3 mm (0.051in)  
 Bucket Dia.: 1.4 mm (0.055in)  
 Min. Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
 Max. Conductor: 1 mm<sup>2</sup> (AWG 18)  
 R (max): 3.6 mOhm  
 Vtest (contact-shell): 1800 V (AC), 2550 V (DC)  
 Vtest (contact-contact): 1500 V (AC), 2120 V (DC)

## 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.	19	56	15	14
in.	0,75	2,20	0,59	0,55

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# RECOMMENDED BY LEMO

## Tools

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 18-20-22/5-4-3

Positionner: DCE.91.133.BVM

Extractor: DCF.91.133.5LT

Replacement contact: EGG.3B.665.ZZM

Spanner wrench: DCD.3B.040.PA140

## Cables

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