

## SUMMARY

### # Wires

Low voltage 10



*Image is for illustrative purpose only*

Series	3S
Termination type	Male solder
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	5.80 - 7.20 mm
Status	active
Alternative part	<a href="#">FFA.3S.310.CLAC72Z</a>
Matching parts	<a href="#">ERA.3S.310.CLL</a>

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[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet and nut for fitting a bend relief
Keying	Hermaphroditic keying (half moon insert) with male pin 1
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Variant	Z : Nut for fitting a bend relief
Weight	55.31 g

### Performance

Configuration	3S.310 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	9 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 1.3 mm (0.051in)  
Bucket Dia.: 1 mm (0.039in)  
Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
R (max): 3.6 mOhm

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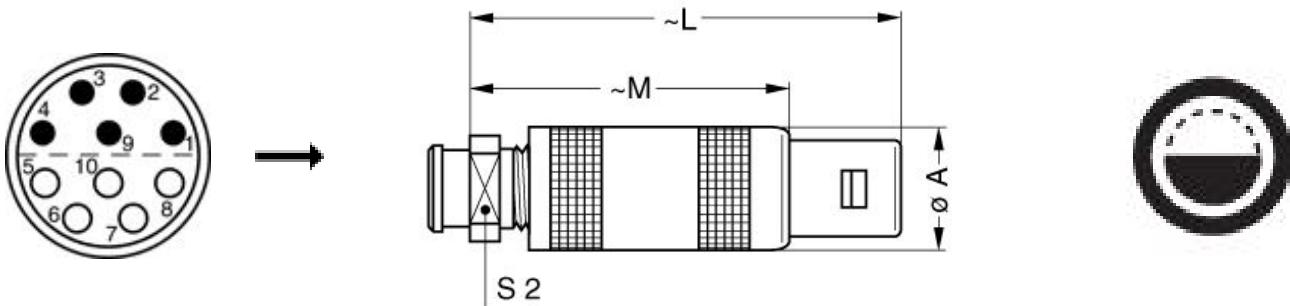
Vtest: 1060 V (AC), 1500 V (DC)

## Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -55°C / +250°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): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
Salt Spray Corrosion: >144 hr

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## DRAWINGS



## Dimensions

	A	L	M	S2
mm.	17.8	61	46	14
in.	0,70	2,40	1,81	0,55

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## RECOMMENDED BY LEMO

### Tools

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Spanner wrench:

[DCP.91.023.TN](#)

## Cables

CMN.10.T22.068QGZE	TPR (medical)	Grey	
110280	PVC	Black	
210140	PVC	Grey	
210240	PVC	Black	
210250	PVC	Grey	
210260	PVC	Black	

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