

## SUMMARY

### # Wires

Low voltage 6



Image is for illustrative purpose only

Series	3S
Termination type	Female solder
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	7.30 - 8.70 mm
Status	active
Matching parts	<a href="#">FFA.3S.306.CLAC82</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PCA*: Free receptacle, cable collet
Keying	Hermaphroditic keying (half moon insert) with female 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
Weight	56.48 g

### Performance

Configuration	3S.306 : 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	14 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  
Vtest: 2100 V (AC), 3000 V (DC)

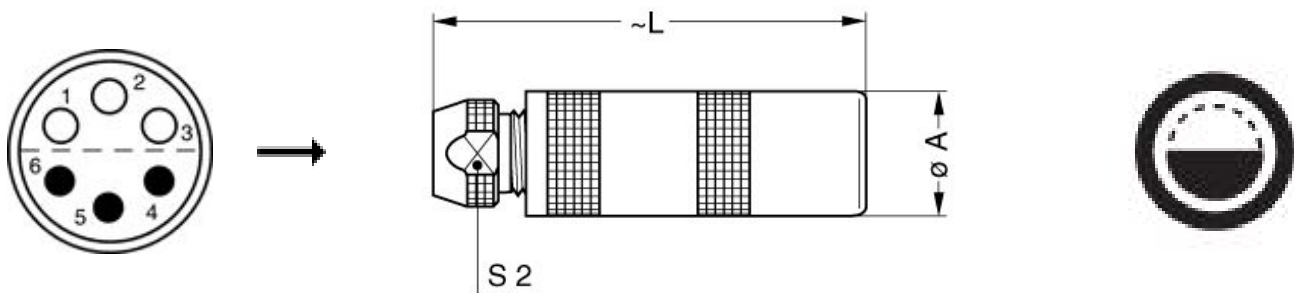
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## Others

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	S2
mm.	17.8	59	14
in.	0,70	2,32	0,55

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## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCP.91.023.TN](#)

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## Cables

360500	PVC	Grey	
360750	PVC	Grey	

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