

## SUMMARY

### # Wires

Low voltage 4

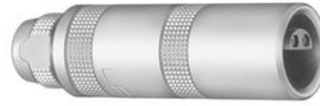


Image is for illustrative purpose only

Series	1S
Termination type	Female solder
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	5.20 - 5.70 mm
Status	obsolete
Matching parts	<a href="#">FFP.1S.304.CLAC57</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PCP*: Free receptacle, cable collet and inner anti-rotating device
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	19.69 g

### Performance

Configuration	1S.304 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

### Specifications

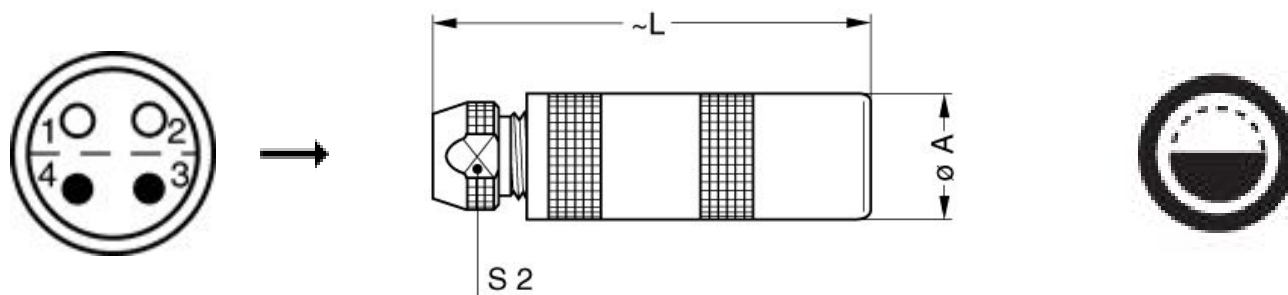
Contact Type: Solder  
Contact Dia.: 0.9 mm (0.0354in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 4.8 mOhm  
Vtest: 1200 V (AC), 1800 V (DC)  
Air clearance min.: 1.1 mm  
Creepage distance min.: 1.1 mm

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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

## DRAWINGS



## Dimensions

	A	L	S2
mm.	11.9	40.5	8.5
in.	0,47	1,59	0,33

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.1S.015.PA085](#)

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## Cables

4080	PVC	Grey	
4220	PVC	Black	

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