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# FFA.1S.304.CLAC52

## **SUMMARY**

#### # Wires

Low voltage 4



Image is for illustrative purpose only

Series 1S

Termination type Male solder

IP rating 50

AWG wire size 30.00 - 22.00

Cable Ø 4.20 - 5.20 mm

Status active

Matching parts ERA.1S.304.CLL

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## **TECHNICAL DETAILS**

#### **Mechanics**

Shell Style/Model FFA\*: Straight plug, cable collet

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

**Weight** 17.35 g

### **Performance**

Configuration 15.304 : 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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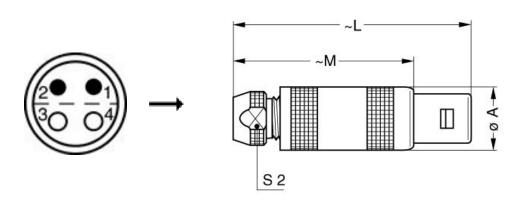
### **Others**

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**

	Α	L	М	S2
mm.	12	42.5	31.5	8.5
in.	0,47	1,67	1,24	0,33

## **RECOMMENDED BY LEMO**

### **Tools**

Spanner wrench: DCD.1S.015.PA085

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## Cables

CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	<b>→</b>
140240	PVC	Black	
140250	PVC	Grey	
40260	PVC	Black	
4080	PVC	Grey	
4221	PVC	Black	
4280	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	

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