

## SUMMARY

### # Wires

Low voltage 8



*Image is for illustrative purpose only*

Series	2S
Termination type	Male solder
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	4.30 - 5.20 mm
Status	active
Matching parts	<a href="#">ERA.2S.308.CLL</a>

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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	32.94 g

### Performance

Configuration	2S.308 : 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	9 Amps

### Specifications

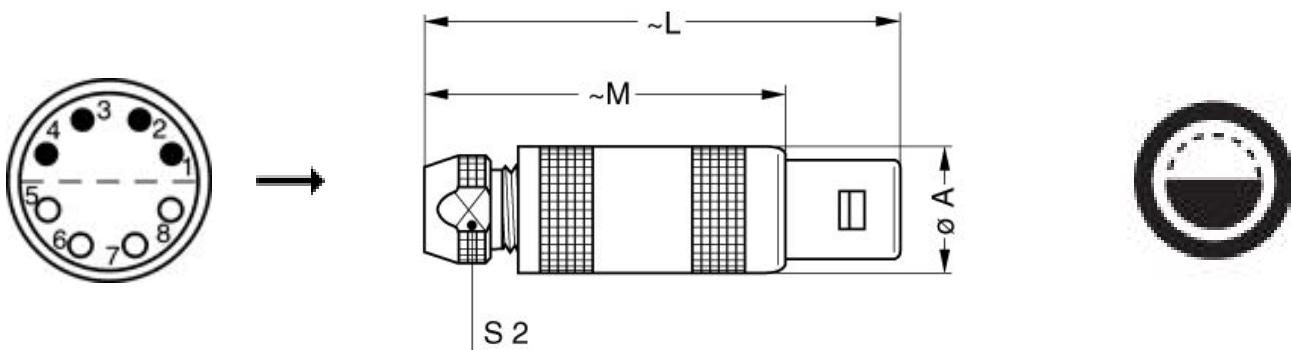
Contact Type: Solder  
Contact Dia.: 0.9 mm (0.0354in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 4.8 mOhm  
Vtest: 800 V (AC), 1200 V (DC)

### Others

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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	M	S2
mm.	14.8	52	40	11
in.	0,58	2,05	1,57	0,43

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.2S.025.PA110](#)

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## Cables

108240	PTFE	White	
108260	PTFE	White	
8280	PVC	Black	

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