

## SUMMARY

### # Wires

Low voltage 5



*Image is for illustrative purpose only*

Series 2S  
Termination type Male solder  
IP rating 50  
AWG wire size 28.00 - 20.00  
Cable Ø 7.30 - 8.20 mm  
Status **obsolete**  
Matching parts [ERA.2S.305.CLL](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FLA\*: Elbow 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 47.84 g

### Performance

Configuration 2S.305 : 5 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 13 Amps

### Specifications

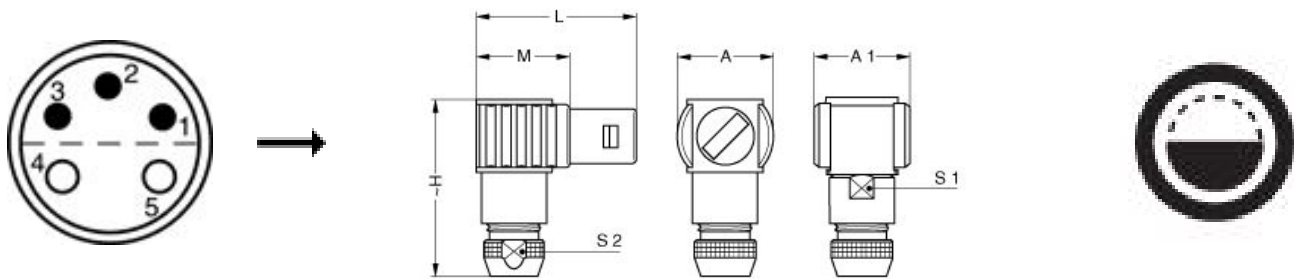
Contact Type: Solder  
Contact Dia.: 1.3 mm (0.051in)  
Bucket Dia.: 1 mm (0.039in)  
Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
R (max): 3.6 mOhm  
Vtest: 1500 V (AC), 2100 V (DC)

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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

## DRAWINGS



## Dimensions

	A	A1	H	L	M	S1	S2
mm.	20	20	37	31	19	13	11
in.	0,79	0,79	1,46	1,22	0,75	0,51	0,43

## RECOMMENDED BY LEMO

## Tools

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