

## SUMMARY

### # Wires

Low voltage 5



Image is for illustrative purpose only

Series 1E  
Termination type Male solder  
IP rating 68  
AWG wire size 0.00 - 22.00  
Cable Ø 3.10 - 3.50 mm  
Status active  
Matching parts [ERA.1E.305.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 23.28 g

### Performance

Configuration 1E.305 : 2 (0.9 mm) + 3 (0.7 mm) Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 7 Amps

### Specifications

Contact Type: Solder  
V<sub>test</sub>: 1500 V (AC), 2100 V (DC)  
V<sub>test</sub>: 1500 V (AC), 2100 V (DC)

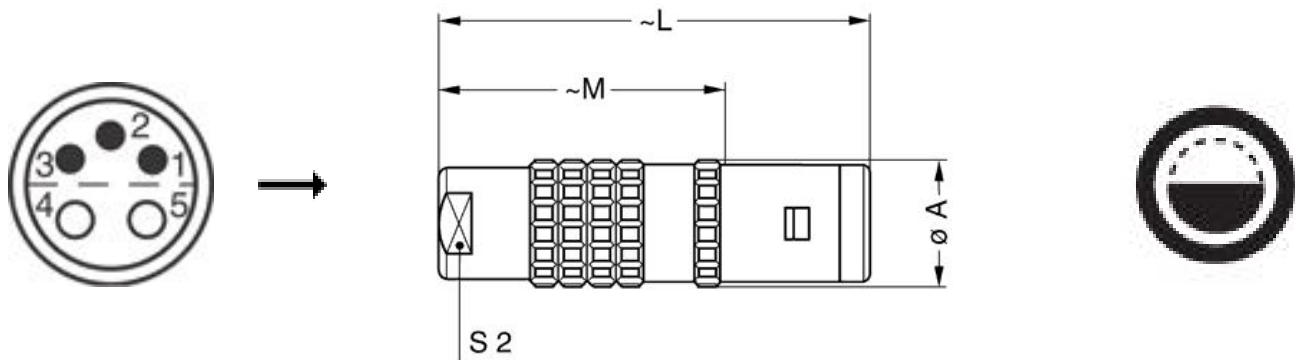
### Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -55°C / +200°C

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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): 95 dB (10 MHz)  
 Shielding (min): 80 dB (1 GHz)  
 Salt Spray Corrosion: >1000 hr

## DRAWINGS



### Dimensions

	A	L	M	S2
mm.	13	42	28	9
in.	0,51	1,65	1,10	0,35

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.1E.008.PA090](#)

Caps: [BFA.1E.100.NAS](#)

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