

## 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	5.60 - 6.00 mm
Status	active
Matching parts	<a href="#">ERA.1E.305.CLL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet and nut for fitting a bend relief
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
Variant	Z : Nut for fitting a bend relief
Weight	22.83 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  
Vtest: 1500 V (AC), 2100 V (DC)  
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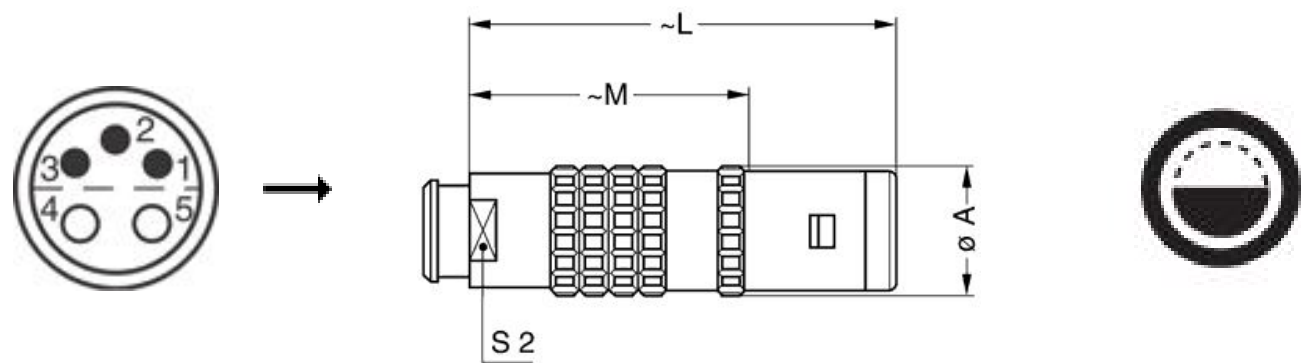
### Others

Endurance (Shell): 5000 mating cycles

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Temp (min / max): -55° C / +200° 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): 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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