

## SUMMARY

### # Wires

Low voltage 1



*Image is for illustrative purpose only*

Series 1E  
Termination type Male solder  
IP rating 68  
AWG wire size 0.00 - 16.00  
Cable Ø 7.60 - 8.00 mm  
Status active  
Matching parts [ERA.1E.120.CTL](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FFA\*: Straight plug with oversize cable collet  
Keying Circular, male  
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 35.75 g

### Performance

Configuration 1E.120 : 1 Low Voltage  
Insulator T: PTFE  
Rated Current 18 Amps

### Specifications

Contact Type: Solder  
Vtest: 1700 V (AC), 2400 V (DC)

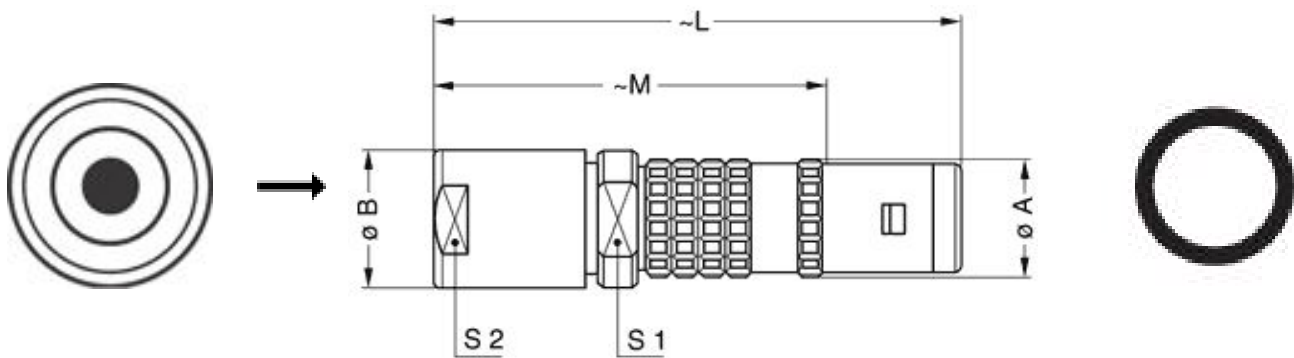
### Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -55° C / +200° C  
Humidity (max): <=95% [at 60 deg C /140 F]

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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	B	L	M	S1	S2
mm.	13	14.5	55	41	12	12
in.	0,51	0,57	2,17	1,61	0,47	0,47

## RECOMMENDED BY LEMO

### Tools

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

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

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