

## SUMMARY

### # Wires

Low voltage 4



Image is for illustrative purpose only

Series 1E  
Termination type Male solder  
IP rating 68  
AWG wire size 30.00 - 22.00  
Cable Ø 2.60 - 3.00 mm  
Status active  
Matching parts [ERA.1E.304.CLL](#)

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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 24.00 g

### Performance

Configuration 1E.304 : 4 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 10 Amps

### Specifications

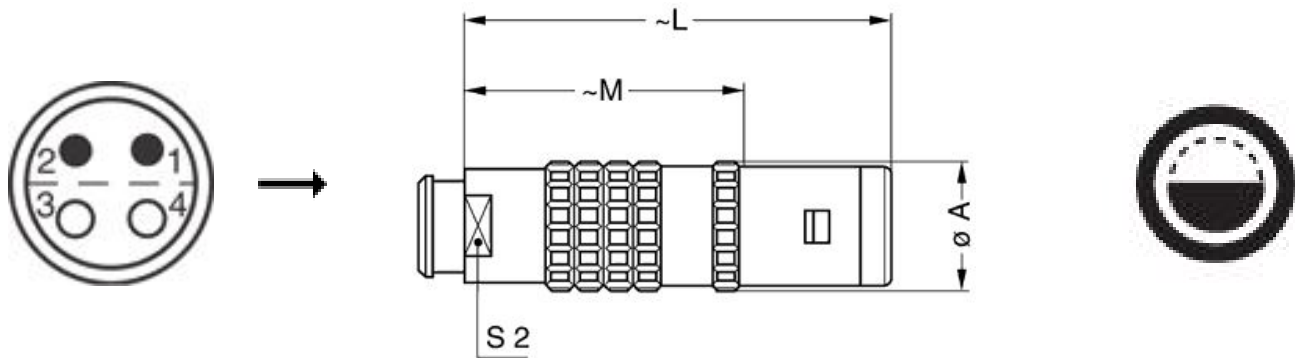
Contact Type: Solder  
Contact Dia.: 0.9 mm (0.0354in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 4.8 mOhm  
Vtest: 1200 V (AC), 1700 V (DC)

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## Others

Endurance (Shell): 5000 mating cycles  
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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## Cables

|      |     |       |  |
|------|-----|-------|--|
| 4041 | PVC | Grey  |  |
| 4050 | PVC | Black |  |

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