

## SUMMARY

### # Wires

Low voltage 12



*Image is for illustrative purpose only*

Series 3E  
Termination type Male solder  
IP rating 68  
AWG wire size 30.00 - 22.00  
Cable Ø 6.10 - 6.50 mm  
Status active  
Matching parts [ERA.3E.312.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  
Weight 69.37 g

### Performance

Configuration 3E.312 : 12 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 8 Amps

### Specifications

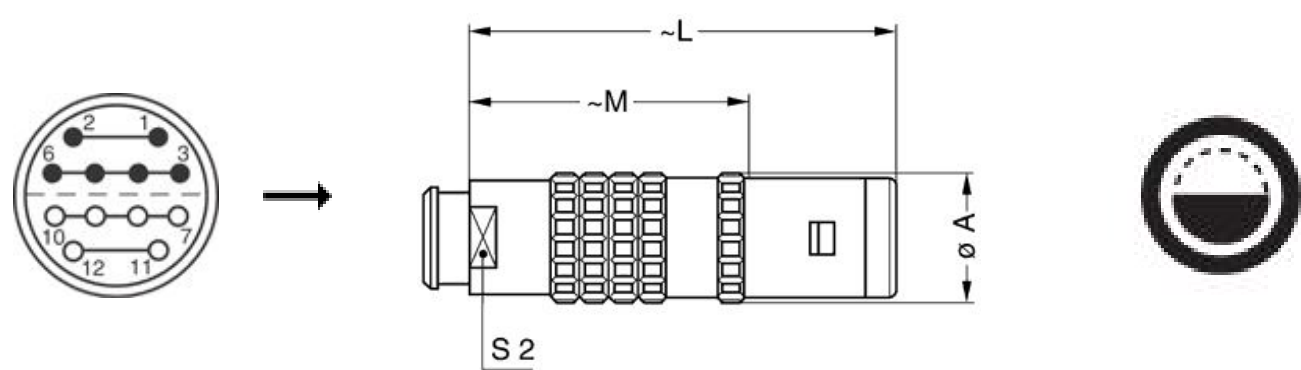
Contact Type: Solder  
Contact Dia.: 0.9 mm (0.0354in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 4.8 mOhm  
Vtest: 1500 V (AC), 2100 V (DC)

### Others

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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. | 19   | 60   | 40   | 15   |
| in. | 0,75 | 2,36 | 1,57 | 0,59 |

## RECOMMENDED BY LEMO

### Tools

- Spanner wrench: [DCD.3E.030.PA150](#)  
Caps: [BFA.3E.100.NAS](#)

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Cables

|        |      |       |                                                                                     |
|--------|------|-------|-------------------------------------------------------------------------------------|
| 112240 | PTFE | White |  |
| 212260 | PVC  | Black |  |

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