

## SUMMARY

### # Wires

Low voltage 10



Image is for illustrative purpose only

Series 3E  
Termination type Male solder  
IP rating 68  
AWG wire size 28.00 - 20.00  
Cable Ø 12.10 - 12.80 mm  
Status active  
Matching parts [ERA.3E.310.CLL](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FFA\*: Straight plug with oversize 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 102.98 g

### Performance

Configuration 3E.310 : 10 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 9 Amps

### Specifications

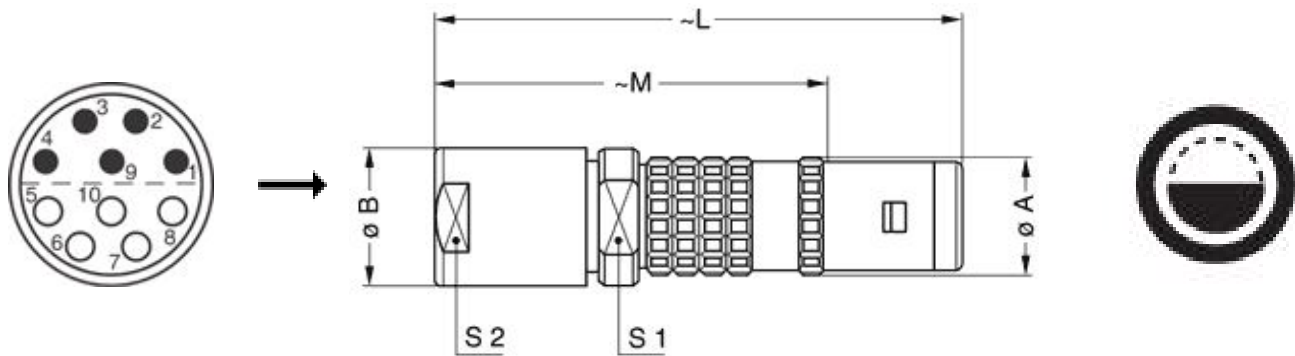
Contact Type: Solder  
Contact Dia.: 1.3 mm (0.051in)  
Bucket Dia.: 1 mm (0.039in)  
Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
R (max): 3.6 mOhm  
Vtest: 1060 V (AC), 1500 V (DC)

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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	B	L	M	S1	S2
mm.	19	22	80	60	19	19
in.	0,75	0,87	3,15	2,36	0,75	0,75

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.3E.030.PA150](#)

Caps: [BFA.3E.100.NAS](#)

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