

## SUMMARY

### # Wires

Low voltage 2



*Image is for illustrative purpose only*

Series	2E
Termination type	Male solder
IP rating	68
AWG wire size	24.00 - 16.00
Cable Ø	8.60 - 9.00 mm
Status	active
Matching parts	<a href="#">ERA.2E.302.CLL</a>

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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	59.85 g

### Performance

Configuration	2E.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	20 Amps

### Specifications

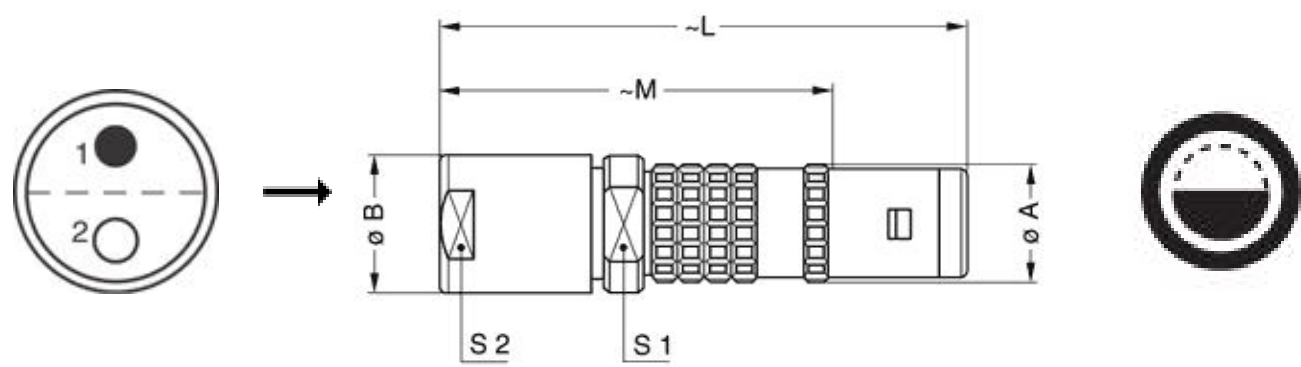
Contact Type: Solder  
Contact Dia.: 1.6 mm (0.063in)  
Bucket Dia.: 1.4 mm (0.055in)  
Max. Solid Conductor: 1 mm<sup>2</sup> (AWG 16)  
Max. Stranded Conductor: 1 mm<sup>2</sup> (AWG 18)  
R (max): 3.5 mOhm  
Vtest: 1700 V (AC), 2400 V (DC)

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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.	16	17	65	49	15	15
in.	0,63	0,67	2,56	1,93	0,59	0,59

RECOMMENDED BY LEMO

Tools

- Spanner wrench: [DCD.2E.020.PA120](#)
- Caps: [BFA.2E.100.NAS](#)

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