

## SUMMARY

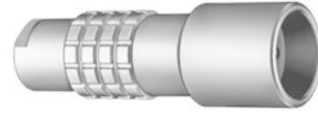


Image is for illustrative purpose only

### # Wires

Low voltage 2

Series	2E
Termination type	Female solder
IP rating	68
AWG wire size	24.00 - 16.00
Cable Ø	6.10 - 6.50 mm
Status	active
Matching parts	<a href="#">FFA.2E.302.CLAC65</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PCA*: Free receptacle, cable collet
Keying	Hermaphroditic keying (half moon insert) with female 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	45.80 g

### Performance

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

### Specifications

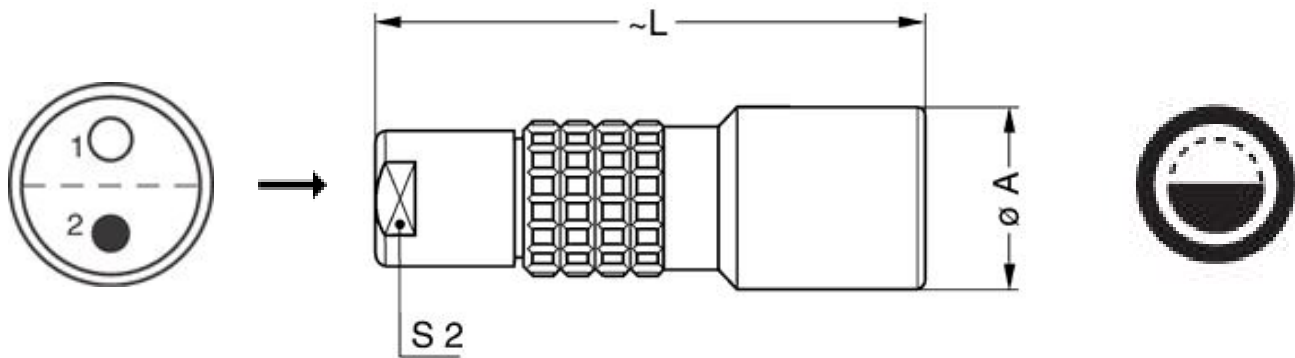
Contact Type: Solder  
Contact Dia.: 1.6 mm (0.063in)  
Bucket Dia.: 1.4 mm (0.055in)  
Max. Solid Conductor: 1 mm<sup>2</sup> (AWG 16)  
Max. Stranded Conductor: 1 mm<sup>2</sup> (AWG 18)  
R (max): 3.5 mOhm  
Vtest: 1700 V (AC), 2400 V (DC)

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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	L	S2
mm.	19	54	12
in.	0,75	2,13	0,47

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.2E.020.PA120](#)

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## Cables

CMN.02.T18.064UNCU			
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