

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low	10
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	3S
Termination type	Male solder
IP rating	50
Cable Ø	2.60 - 4.20 mm
Status	active
Alternative part	
Matching parts	<a href="#">ERA.3S.310.CLL</a>

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFP*: Straight plug, cable collet and inner anti-rotating device
Keying	Hermaphroditic keying ("half moon" insert), plug has male pin 1
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant	
Weight	53.35 g

### Performance

Configuration	3S.310 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	9 Amps

### Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	1.3 mm (0.051in)
Bucket Dia.:	1 mm (0.039in)

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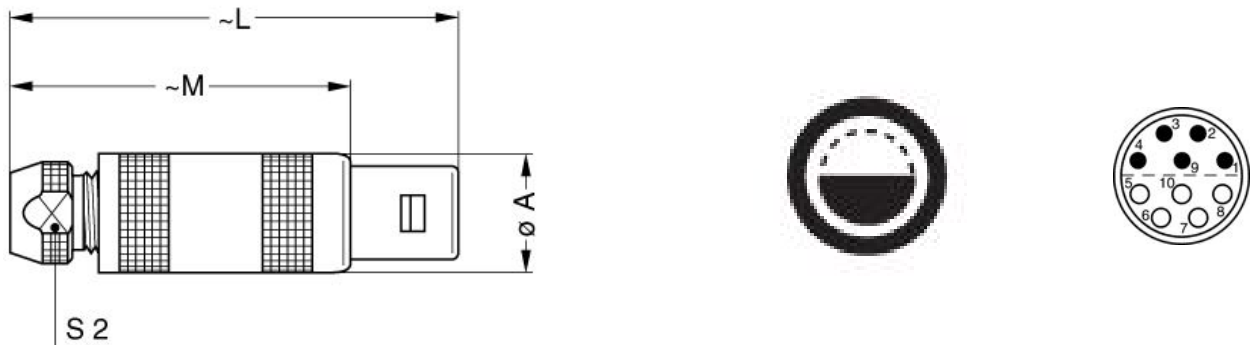
Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
 Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
 R (max): 3.6 mOhm  
 Vtest: 1060 V (AC), 1500 V (DC)

## Others

Endurance (Shell): 5000 mating cycles  
 Temp (min / max): -55 °C / +250 °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): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 Salt Spray Corrosion: >144 hr  
 IP Rating: 50

## DRAWINGS

### Draws



### Dimensions

	A	L	M	S2
mm.	17.8	61	46	14
in.	0,70	2,40	1,81	0,55

## RECOMMENDED BY LEMO

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## Tools

Spanner: DCP.91.023.TN

Spanner wrench: MTZ.3S.500.014

## Cables

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