

## SUMMARY

### # Wires

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



*Image is for illustrative purpose only*

Series	3S
Termination type	Male solder
IP rating	50
Cable Ø	4.30 - 5.70 mm
Matching parts	ERA.3S.310.CLL
Status	active
Alternative part	

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## TECHNICAL DETAILS

### Mechanics

**Shell Style/Model** FFA\*: Straight plug, cable collet

**Keying**

**Housing Material** Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

**Cable Fixing** C57: 4.3 - 5.7 mm

**Variant**

**Weight** 54.43 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)

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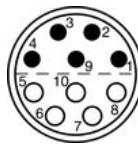
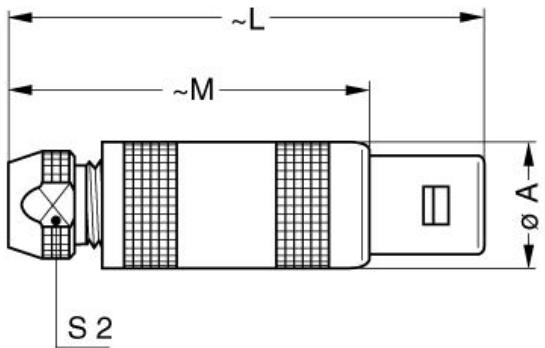
Bucket Dia.: 1 mm (0.039in)  
Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
R (max): 3.6 mOhm  
Vtest: 1060 V (AC), 1500 V (DC)

## 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]  
Salt Spray Corrosion: >144 hr  
Climatical Category: 50/175/21  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
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

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# RECOMMENDED BY LEMO

## Tools

Spanner wrench: MTZ.3S.500.014

## Cables

CMN.10.T28.052PGCE	PVC	GREY	
CMN.10.T28.052PGZE		Grey	
CMN.10.T28.052PNCE	PVC	Black	
CMN.10.T28.052PNZE			
CMN.10.T28.053QGZE	TPR (medical)	Grey	
110 240	PTFE	White	
110 260	PTFE	White	

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