

## SUMMARY

### # Wires

Low	2
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

Series	1E
Termination type	Female solder
IP rating	68
Cable Ø	1.60 - 2.00 mm
Matching parts	FFA.1E.302.CLAC20
Status	active
Alternative part	

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PSA*: Fixed receptacle, nut fixing, cable collet
Keying	
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	Ø 1.6 - 2 mm
Variant	
Weight	34.46 g

### Performance

Configuration	1E.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	15 Amps

### Specifications

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

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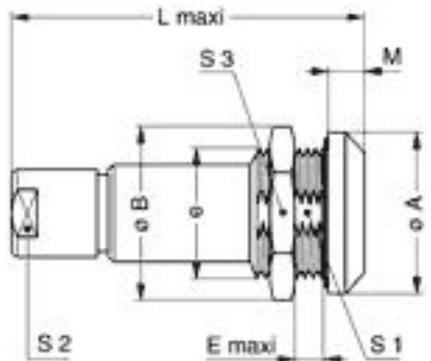
Bucket Dia.: 1 mm (0.039in)  
 Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
 Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
 R (max): 3.6 mOhm  
 Vtest: 1200 V (AC), 1700 V (DC)

## 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]  
 Salt Spray Corrosion: >1000 hr  
 Climatical Category: 50/175/21  
 Shielding (min): 95 dB (10 MHz)  
 Shielding (min): 80 dB (1 GHz)  
 IP Rating: 68

## DRAWINGS

### Draws



### Dimensions

	A	B	E	L	M	S1	S2	S3	e
mm.	20	21.5	9	45	4.5	14.5	9	19	M16x1.0
in.	0,79	0,85	0,35	1,77	0,18	0,57	0,35	0,75	

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# RECOMMENDED BY LEMO

## Tools

Spanner wrench: DCD.1E.008.PA090

## Cables

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