

## SUMMARY

### # Wires

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



*Image is for illustrative purpose only*

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Series	1E
Termination type	Male solder
IP rating	68
Cable Ø	1.60 - 2.00 mm
Matching parts	ERA.1E.302.CLL
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
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
Cable Fixing	C20: 1.6 - 2 mm
Variant	
Weight	23.99 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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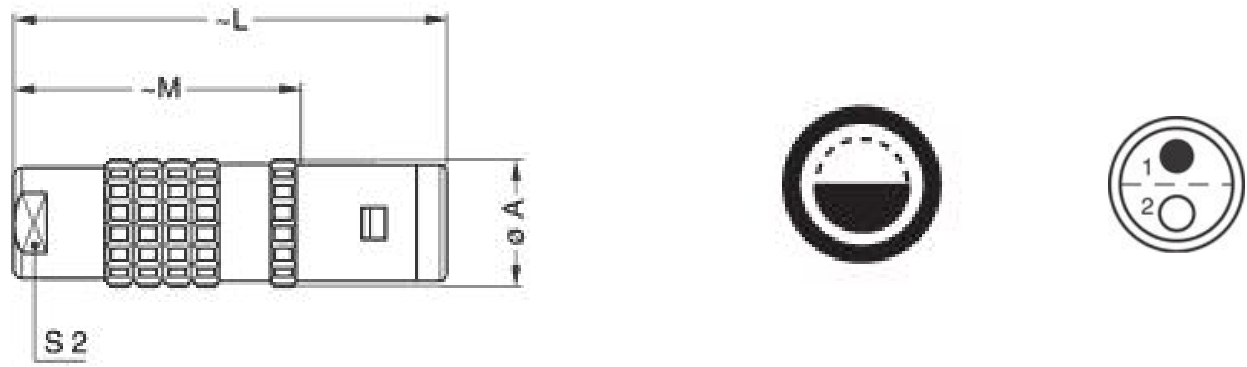
Bucket Dia.: 1 mm (0.039in)  
Max. Solid Conductor: 0.5 mm^2 (AWG 20)  
Max. Stranded Conductor: 0.5 mm^2 (AWG 20)  
R (max): 3.6 mOhm  
Vtest: 1200 V (AC), 1700 V (DC)

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	L	M	S2
mm.	13	42	28	9
in.	0,51	1,65	1,10	0,35

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# RECOMMENDED BY LEMO

## Tools

Spanner wrench: DCD.1E.008.PA090

Caps: BFA.1E.100.NAS

## Cables

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