

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low	0
High	0
Coax	1
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	1S
Termination type	Male solder
IP rating	50
Cable Ø	4.20 - 5.20 mm
Matching parts	ERA.1S.250.CLL
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
Keying	Circular (can rotate), plug has male contact(s)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	C52: 4.2 - 5.2 mm
Variant	
Weight	18.12 g

### Performance

Configuration	1S.250 : 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated Current	12 Amps

### Specifications

Contact Type:	Coaxial 50 Ohm (Solder)
Max. Matings:	1000
Contact Dia.:	1.6 mm (0.063in)

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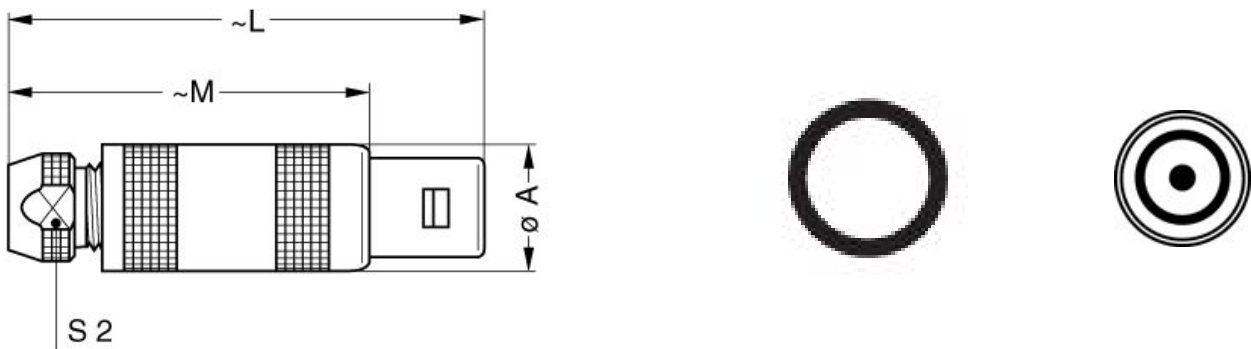
Bucket Dia.: 1.4 mm (0.055in)  
 Vtest: 3000 V (AC), 4200 V (DC)  
 Impedance: 50 Ohm  
 VSWR:  $1.01 + 0.23 * f/\text{GHz}$   
 Cable type: RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U

## Others

Endurance (Shell): 5000 mating cycles  
 Temp (min / max):  $-55^{\circ}\text{C} / +250^{\circ}\text{C}$   
 Humidity (max):  $\leq 95\%$  [at  $60^{\circ}\text{C} / 140^{\circ}\text{F}$ ]  
 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.	12	42.5	31.5	8.5
in.	0,47	1,67	1,24	0,33


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# RECOMMENDED BY LEMO

## Tools

Spanner wrench: DCD.1S.015.PA085

## Cables

158 480	PUR	Black	
158 490	PVC	Black	
CCX.50.088.292495N	PVC	Black	
CCX.50.RG5.8CU50N	PVC	Black	

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