

## SUMMARY

### # Wires

Coax	1
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*Image is for illustrative purpose only*

Series	1S
Termination type	Male solder Coaxial
IP rating	50
AWG wire size	0.00 - 0.00
Cable Ø	8.20 - 8.70 mm
Status	active
Matching parts	<a href="#">ERA.1S.250.CLL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug with oversize cable collet
Keying	Circular, male
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces

### Performance

Configuration	1S.250 : 1 Coax (50 Ohm)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	12 Amps

### Specifications

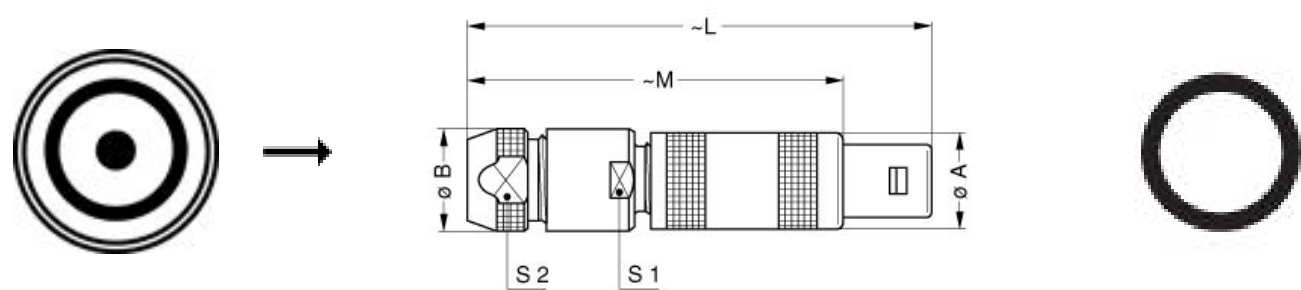
Contact Type: Coaxial 50 Ohm (Solder)  
Contact Dia.: 1.6 mm (0.063in)  
Bucket Dia.: 1.4 mm (0.055in)  
Vtest: 3000 V (AC), 4200 V (DC)  
Impedance: 50 Ohm  
VSWR: 1.01 + 0.23 \* f/GHz  
Cable type: RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U

### Others

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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

## DRAWINGS



### Dimensions

	A	B	L	M	S1	S2
mm.	12	13	57	46	12	11
in.	0,47	0,51	2,24	1,81	0,47	0,43

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.1S.ZZZ.PA085](#)

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