

## 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	0S
Termination type	Male solder Coaxial
IP rating	50
Cable Ø	3.80 - 4.40 mm
Status	NRND
Alternative part	FFA.0S.250.CLAC44
Matching parts	<a href="#">ERA.0S.250.CLL</a>

## 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
Variant	
Weight	7.58 g

### Performance

Configuration	0S.250 : 1 Coax (50 Ohm)
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	6 Amps

### Specifications

Contact Type: Coaxial 50 Ohm (Solder)
Max. Matings: 1000
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1 mm (0.039in)

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Vtest: 3000 V (AC), 4200 V (DC)

Impedance: 50 Ohm

VSWR:  $1.02 + 0.25 * f/\text{GHz}$

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 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)

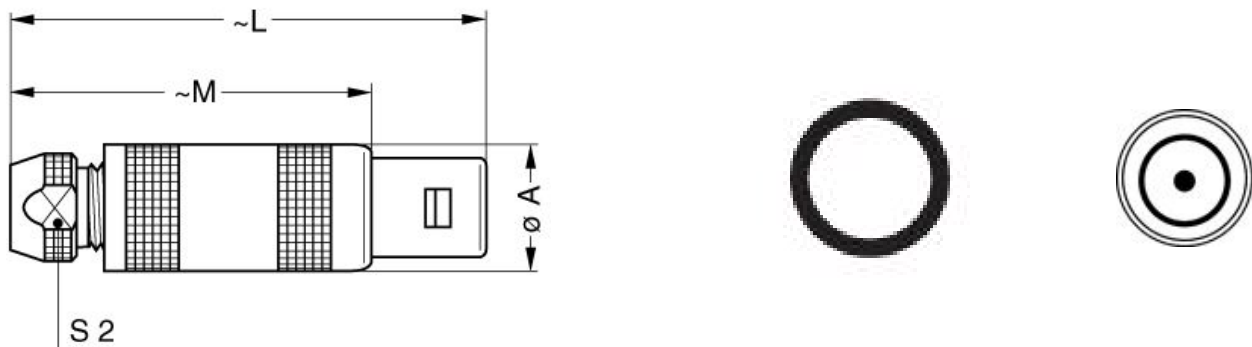
Salt Spray Corrosion: >144 hr

IP Rating: 50

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## DRAWINGS

### Draws



### Dimensions

	A	L	M	S2
mm.	9	34.5	24.5	6.5
in.	0,35	1,36	0,96	0,26

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## RECOMMENDED BY LEMO

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## Tools

Spanner wrench: DCD.05.005.PA065

## Cables

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