

## SUMMARY

### # Wires

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

*Image is for illustrative purpose only*

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Series	0S
Termination type	Female solder
IP rating	50
Cable Ø	3.30 - 3.70 mm
Matching parts	FFA.0S.250.CTAC37
Status	
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	*:
Keying	
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 3.3 - 3.7 mm
Variant	

### Performance

Configuration	0S.250 : 1 Coax (50 Ohm)
Insulator	T: PTFE
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)
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  $60^{\circ}\text{C} / 140^{\circ}\text{F}$ ]

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

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## DRAWINGS

### Draws



### Dimensions

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## RECOMMENDED BY LEMO

### Tools

Spanner wrench: DCD.05.005.PA065

### Cables

