

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	
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	FFA.0S.250.NTAC42
Status	
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	EPA*: Fixed receptacle for printed circuit
Keying	Circular (can rotate), plug has male contact(s)
Housing Material	Brass (nickel plated) shell, collet nut, latch sleeve and mid pieces
Cable Fixing	∅ 0 - 0 mm
Variant	

Performance

Configuration	0S.250 : 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated Current	6 Amps

Specifications

Contact Type: Coaxial 50 Ohm (PCB)
Max. Matings: 1000
Contact Dia.: 0.9 mm (0.04in)
Bucket Dia.: 1 mm (0.04in)
Vtest: 3000 V (AC), 4200 V (DC)
Impedance: 50 Ohm

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

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°C / +250°C

Humidity (max): $\leq 95\%$ [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): 75 dB (10 MHz)

Shielding (min): 40 dB (1 GHz)

IP Rating: 50

DRAWINGS

Draws

Dimensions

		B	L
mm.	□	9	19.5
in.		0,35	0,77

RECOMMENDED BY LEMO

Tools

None

