

SUMMARY



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Wires

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

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Series	4S
Termination type	Male solder
IP rating	50
Cable Ø	9.10 - 10.00 mm
Matching parts	ERA.4S.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	C10: 9.1 - 10 mm
Variant	
Weight	144.27 g

Performance

Configuration	4S.250 : 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated Current	36 Amps

Specifications

Contact Type:	Coaxial 50 Ohm (Solder)
Max. Matings:	1000
Contact Dia.:	4 mm (0.157in)

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Bucket Dia.: 3.7 mm (0.146in)

Vtest: 2100 V (AC), 3000 V (DC)

Impedance: 50 Ohm

VSWR: $1.01 + 1.9 * f/\text{GHz}$

Cable type: RG 214 /U, RG 216 /U, RG 225 /U, RG 225 /U, RG 213/U, RG 115 A/U, RG 11 A/U, RG 144/U, RG 165 /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: >144 hr

Climatical Category: 50/175/21

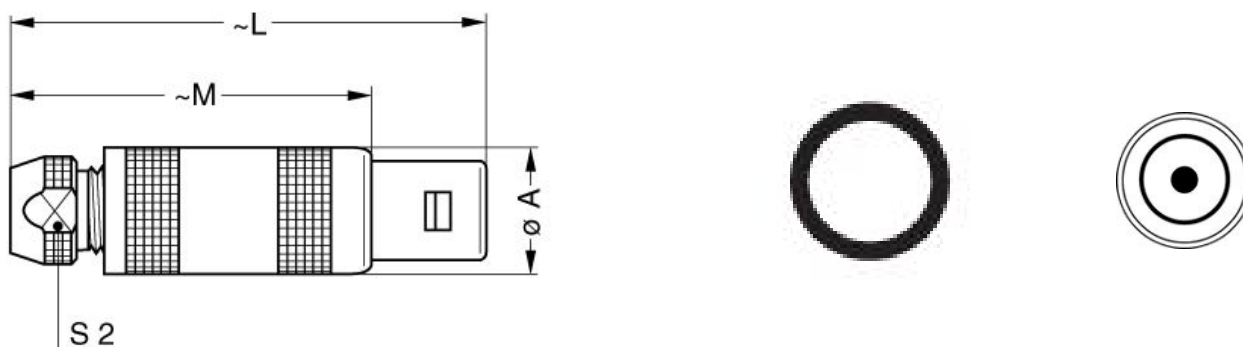
Shielding (min): 75 dB (10 MHz)

Shielding (min): 40 dB (1 GHz)

IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	L	M	S2
mm.	24.8	77	59	19
in.	0,98	3,03	2,32	0,75

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RECOMMENDED BY LEMO

Tools

Caps: BFA.4S.100.NAS

Cables

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