

SUMMARY

Wires

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



Image is for illustrative purpose only

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Series	2S
Termination type	Male solder
IP rating	50
Cable Ø	6.30 - 7.20 mm
Status	active
Alternative part	
Matching parts	ERA.2S.650.CTL

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
Keying	Circular, male
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant	
Weight	34.25 g

Performance

Configuration	2S.650 : 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated Current	12 Amps

Specifications

Contact Type:	Triaxial 50 Ohm (Solder)
Contact Dia.:	1.6 mm (0.063in)
Vtest:	1200 V (AC), 1700 V (DC)
Impedance:	50 Ohm

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VSWR: $1.01 + 0.3 * f/\text{GHz}$

Cable type: RGT 174, Belden 9222, 8215, 8232A, HF-2426, Triax 8 Nokia, 375 029 LEDE

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]

Climatical Category: 50/175/21

Shielding (min): 75 dB (10 MHz)

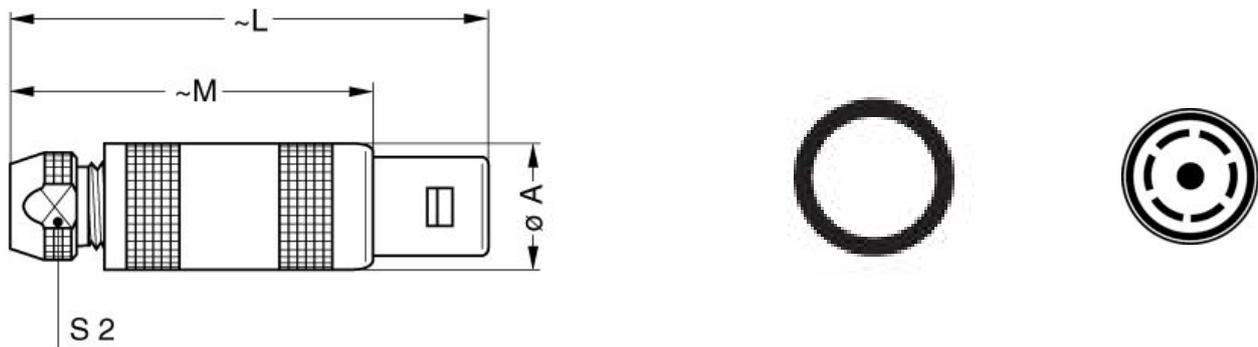
Shielding (min): 40 dB (1 GHz)

Salt Spray Corrosion: >144 hr

IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	L	M	S2
mm.	14.8	52	40	11
in.	0.58	2.05	1.57	0.43

RECOMMENDED BY LEMO

Tools

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Spanner wrench: DCD.2S.025.PA110

Cables

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