

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	1S
Termination type	Female solder
IP rating	50
Cable Ø	5.20 - 6.20 mm
Matching parts	FFA.1S.650.CTAC62
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	PCA*: Free receptacle, 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	∅ 5.2 - 6.2 mm
Variant	
Weight	19.66 g

Performance

Configuration	1S.650 : 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated Current	6 Amps

Specifications

Contact Type:	Triaxial 50 Ohm (Solder)
Max. Matings:	1000
Contact Dia.:	0.9 mm (0.034in)

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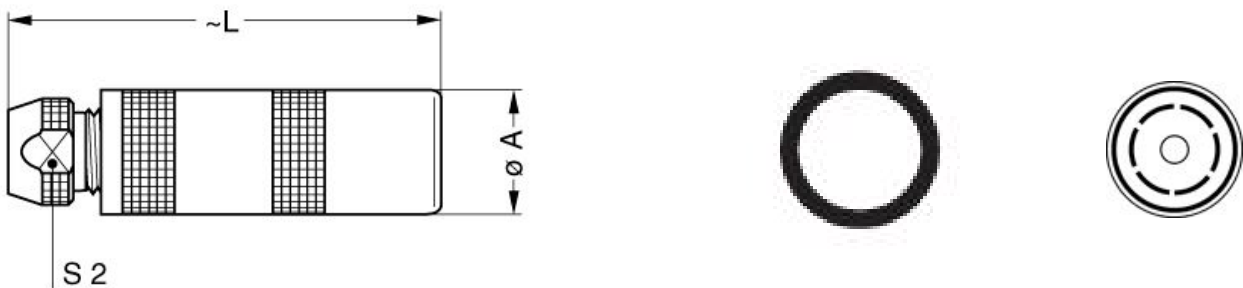
Vtest: 1200 V (AC), 1700 V (DC)
 Impedance: 50 Ohm
 VSWR: $1.01 + 0.17 \cdot f/\text{GHz}$
 Cable type: RGT 178, RGT 174, Belden 9222

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

DRAWINGS

Draws



Dimensions

	A	C	L	S2
mm.	11.9	6.2	40.5	8.5
in.	0,47	0,24	1,59	0,33

RECOMMENDED BY LEMO

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Tools

Spanner wrench: DCD.1S.015.PA085

Cables

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