

SUMMARY



Image is for illustrative purpose only

Wires

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

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Series	0S
Termination type	Female solder
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	FFA.0S.650.CLAC17
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	ERA*: Fixed receptacle, nut fixing
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	∅ 0 - 0 mm
Variant	

Performance

Configuration	0S.650 : 1 Triax (50 Ohm)
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	6 Amps

Specifications

Contact Type:	Triaxial 50 Ohm (Solder)
Max. Matings:	1000
Contact Dia.:	0.9 mm (0.035" in)

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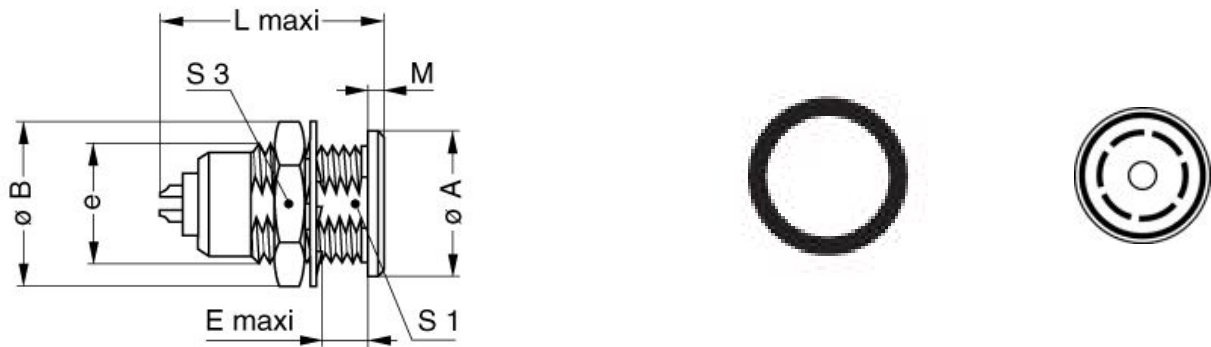
Vtest: 1200 V (AC), 1700 V (DC)
 Impedance: 50 Ohm
 VSWR: $1.03 + 0.34 * f/\text{GHz}$
 Cable type: RGT 178, RGT 174

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

	A	B	E	L	L2	M	S1	S3	e
mm.	10	12.4	7	17.5	18.0	1.2	8.2	11	M9x0.6
in.	0,39	0,49	0,28	0,69	0,71	0,05	0,32	0,43	

RECOMMENDED BY LEMO

Tools

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None

Cables

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