

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	0S
Termination type	Female solder
IP rating	50
Cable Ø	3.80 - 4.40 mm
Matching parts	ERA.0S.650.CTA
Status	active
Alternative part	FFP.0S.650.CTLC44

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFP*: Straight plug, cable collet and inner anti-rotating device and nut for fitting a bend relief
Keying	Circular (can rotate), plug has female contact(s)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	C42: 3.8 - 4.4 mm
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	0S.650 : 1 Triax (50 Ohm)
Insulator	T: PTFE
Rated Current	6 Amps

Specifications

Contact Type: Triaxial 50 Ohm (Solder)
Max. Matings: 1000

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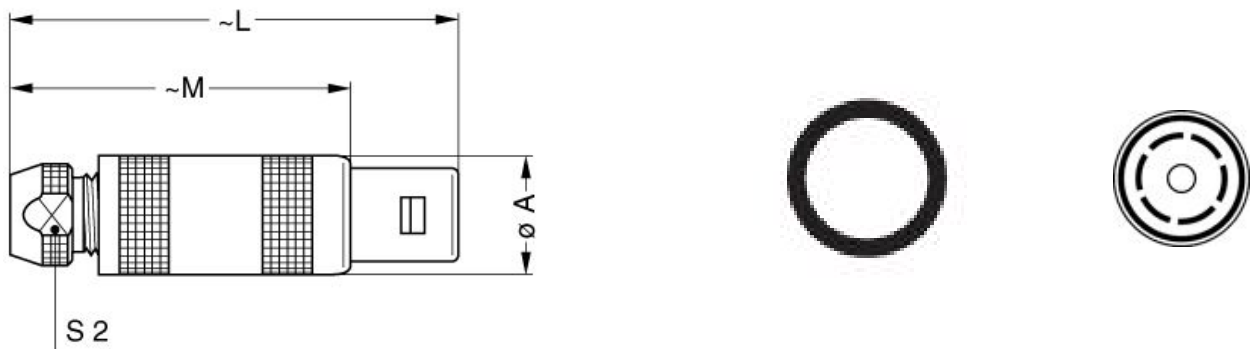
Contact Dia.: 0.9 mm (0.035" in)
 Vtest: 1200 V (AC), 1700 V (DC)
 Impedance: 50 Ohm
 VSWR: 1.03 + 0.34 * f /GHz
 Cable type: RGT 178, RGT 174

Others

Endurance (Shell): 5000 mating cycles
 Temp (min / max): -55°C / +250°C
 Humidity (max): <=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.	9	34.5	24.5	7
in.	0,35	1,36	0,96	0,28

RECOMMENDED BY LEMO

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Tools

Spanner wrench: DCD.05.005.PA065

Cables

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