

## 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	Male solder
IP rating	50
Cable Ø	5.20 - 6.20 mm
Matching parts	ERA.1S.650.CLL
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet and nut for fitting a bend relief
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	C62: 5.2 - 6.2 mm
Variant	Z : Nut for fitting a bend relief
Weight	19.08 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

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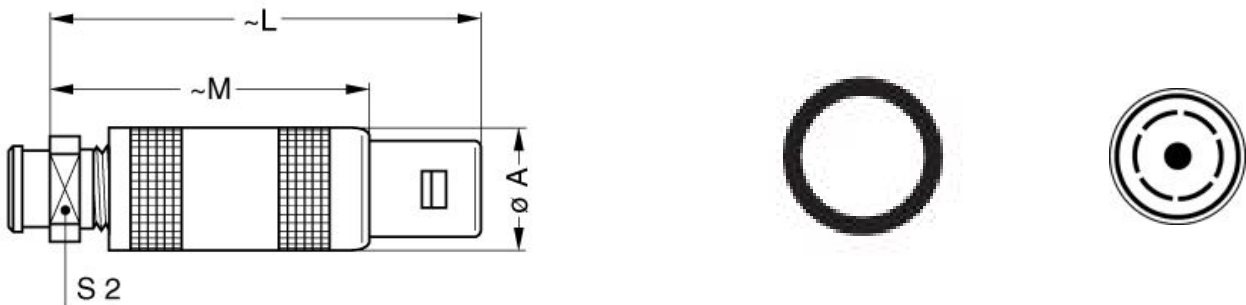
Contact Dia.: 0.9 mm (0.035in)  
 Vtest: 1200 V (AC), 1700 V (DC)  
 Impedance: 50 Ohm  
 VSWR: 1.01 + 0.17 \* f /GHz  
 Cable type: RGT 178, RGT 174, Belden 9222

## 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.	12	42.5	31.5	9
in.	0,47	1,67	1,24	0,35

## RECOMMENDED BY LEMO

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## Tools

Spanner wrench: DCD.1B.015.PA090

## Cables

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