

## SUMMARY

### # Wires

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

Series	1E
Termination type	Male solder
IP rating	68
Cable Ø	3.10 - 3.50 mm
Matching parts	ERA.1E.650.CLL
Status	active
Alternative part	



*Image is for illustrative purpose only*

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## 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	C35: 3.1 - 3.5 mm
Variant	Z : Nut for fitting a bend relief
Weight	23.99 g

### Performance

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

### Specifications

Contact Type: Solder  
Vtest: 1200 V (AC), 1690 V (DC)

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Impedance: 50 Ohm  
VSWR:  $1.01 + 0.17 * f/\text{GHz}$   
Cable type: RGT 178, RGT 174, Belden 9222

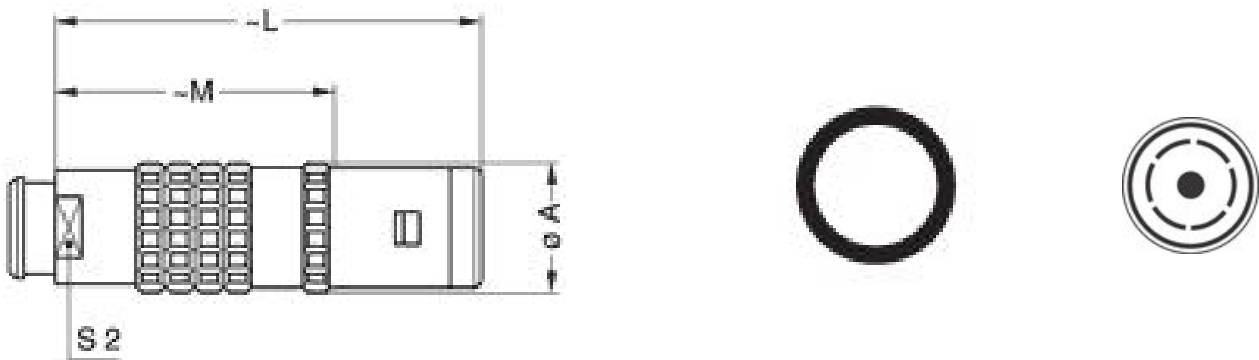
## Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max):  $-55^{\circ}\text{C} / +200^{\circ}\text{C}$   
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: >1000 hr  
Climatical Category: 50/175/21  
Shielding (min): 95 dB (10 MHz)  
Shielding (min): 80 dB (1 GHz)  
IP Rating: 68

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## DRAWINGS

### Draws



### Dimensions

	A	L	M	S2
mm.	13	42	28	9
in.	0,51	1,65	1,10	0,35

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## RECOMMENDED BY LEMO

### Tools

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Spanner wrench: DCD.1E.008.PA090  
Caps: BFA.1E.100.NAS

## Cables

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