

## SUMMARY



*Image is for illustrative purpose only*

### # Wires

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

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Series	1S
Termination type	Female solder
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	FFA.1S.120.CLAC37Z
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	1S.120 : 1 Low Voltage
Insulator	T: PTFE
Rated Current	18 Amps

### Specifications

Contact Type:	Solder
Vtest (contact-shell):	1800 V (AC), 2550 V (DC)
Vtest (contact-contact):	1800 V (AC), 2550 V (DC)

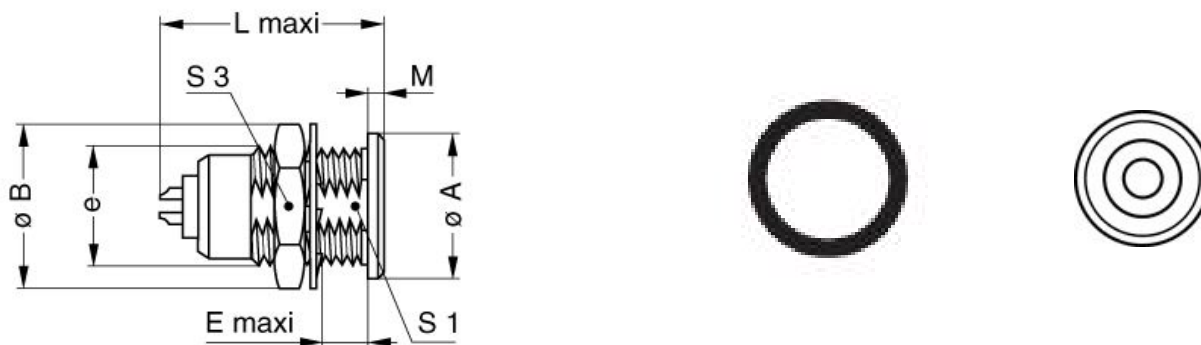
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## Others

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: >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	L1	M	S1	S3	e
mm.	14	16	7.5	21	20.5	1.5	10.5	14	M12x1.0
in.	0,55	0,63	0,30	0,83	0,81	0,06	0,41	0,55	

## RECOMMENDED BY LEMO

### Tools

None

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## Cables

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