

## SUMMARY



### # Wires

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

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Series	1S
Termination type	Male solder
IP rating	50
Cable Ø	4.20 - 5.20 mm
Matching parts	ERA.1S.120.CTL

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FLA*: Elbow plug, cable collet
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	C52: 4.2 - 5.2 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)

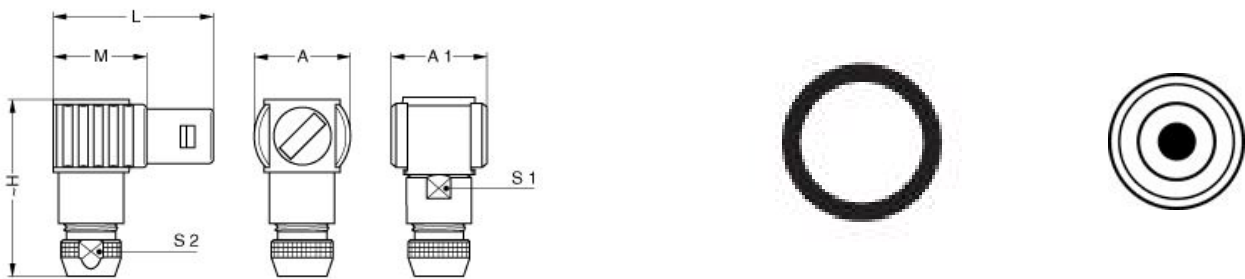
### Others

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  
 Climatological Category: 50/175/21  
 Shielding (min): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 IP Rating: 50

## DRAWINGS

### Draws



### Dimensions

	A	A1	H	L	M	S1	S2
mm.	16	16	28.5	26.5	15.5	10	8.5
in.	0,63	0,63	1,12	1,04	0,61	0,39	0,33

## RECOMMENDED BY LEMO

### Tools

None

### Cables