

## SUMMARY



*Image is for illustrative purpose only*

### # Wires

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

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Series	1S
Termination type	HV contact
IP rating	50
Cable Ø	4.00 - 4.60 mm
Matching parts	ERA.1S.408.CLL
Status	
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFR*: Straight plug for cable crimping with safety ring
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	E46: 4 - 4.6 mm
Variant	

### Performance

Configuration	1S.408 : 1 High Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	6 Amps

### Specifications

Contact Type:	Solder
Test voltage (kV DC)	18
Test voltage (kV AC)	12.7
Creepage dist.(mm):	20.4
Rear of connector must be protected:	ATUM

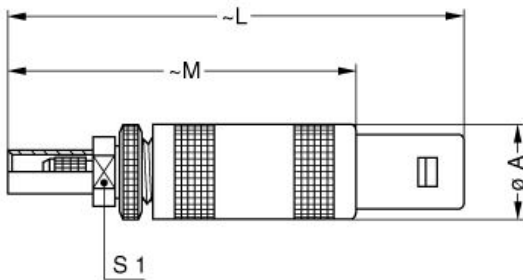
## Others

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

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## DRAWINGS

### Draws



### Dimensions

	A	L
mm.	12	53
in.	0,47	2,09

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## RECOMMENDED BY LEMO

### Tools

Spanner wrench: DCD.15.015.PA085

### Cables