

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	Male solder High-Voltage
IP rating	50
Cable Ø	4.00 - 4.60 mm
Matching parts	ERA.1S.408.CLL
Status	active
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	∅ 4 - 4.6 mm
Variant	
Weight	17.99 g

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

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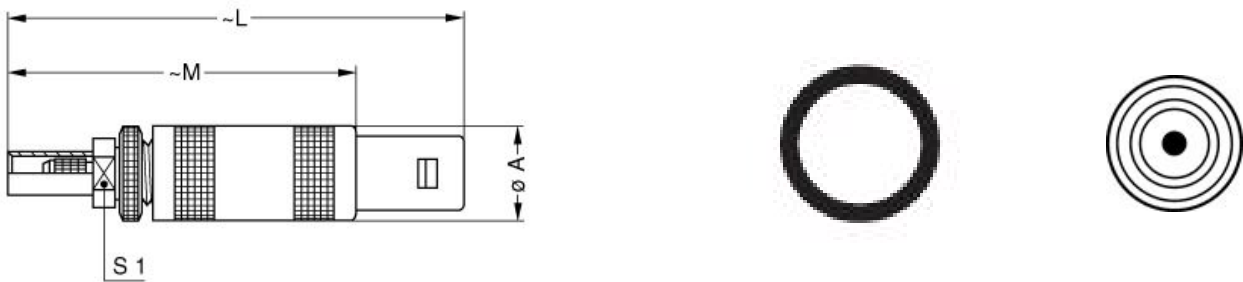
Creepage dist.(mm): 20.4
Rear of connector must be protected: ATUM

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

DRAWINGS

Draws



Dimensions

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

RECOMMENDED BY LEMO

Tools

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Cables