

SUMMARY



Image is for illustrative purpose only

Wires

Low	2
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	0.00 - 0.00 mm
Matching parts	ERA.1S.302.CLL
Status	
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
Keying	
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.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	15 Amps

Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	1.3 mm (0.051in)
Bucket Dia.:	1 mm (0.039in)
Max. Solid Conductor:	0.5 mm ² (AWG 20)
Max. Stranded Conductor:	0.5 mm ² (AWG 20)

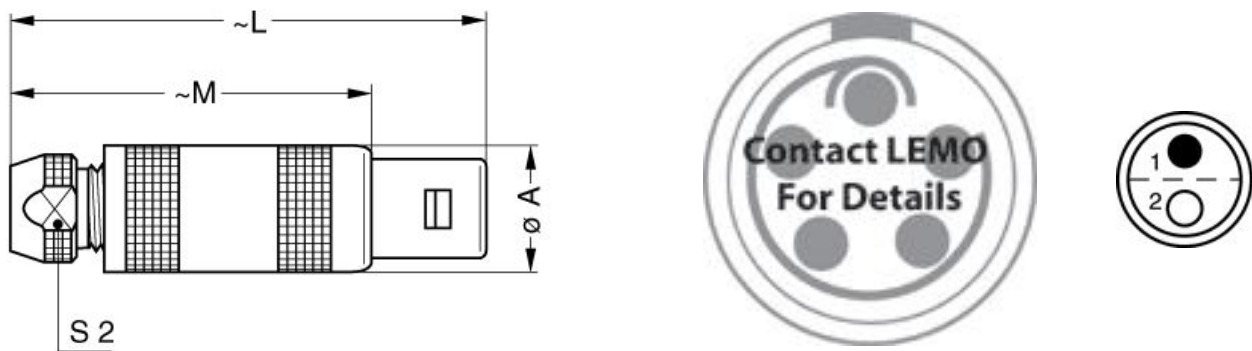
R (max): 3.6 mOhm
Vtest: 1200 V (AC), 1800 V (DC)

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

DRAWINGS

Draws



Dimensions

	A	C	L	M	S2
mm.	12	6.2	42.5	31.5	8.5
in.	0,47	0,24	1,67	1,24	0,33

RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.1S.015.PA085

Cables

