

SUMMARY



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Wires

Low	6
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	6.20 - 6.80 mm
Status	active
Alternative part	
Matching parts	ERA.1S.306.CLL

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
Keying	Hermaphroditic keying ("half moon" insert), plug has male pin 1
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant	
Weight	16.39 g

Performance

Configuration	1S.306 : 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	7 Amps

Specifications

Contact Type:	Solder
Contact Dia.:	0.7 mm (0.028in)
Bucket Dia.:	0.6 mm (0.024in)
Max. Solid Conductor:	0.25 mm ² (AWG 24)

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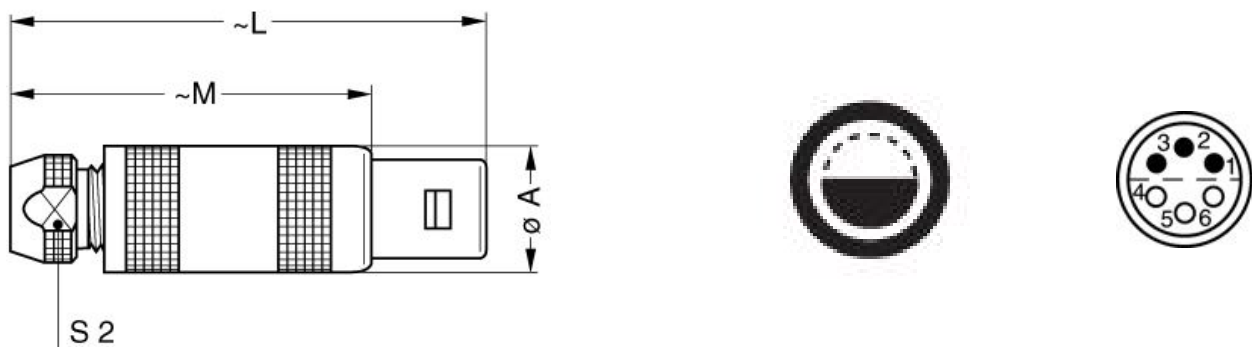
Max. Stranded Conductor: 0.14 mm² (AWG 26)
R (max): 6.1 mOhm
Vtest: 1500 V (AC), 2100 V (DC)

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]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >144 hr
IP Rating: 50

DRAWINGS

Draws



Dimensions

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

RECOMMENDED BY LEMO

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Tools

Spanner wrench: DCD.1S.015.PA085

Cables

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