

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 5

Series	1S
Termination type	Male solder
IP rating	50
AWG wire size	0.00 - 22.00
Cable Ø	3.30 - 4.20 mm
Status	obsolete
Alternative part	FFA.1S.305.CLAL42
Matching parts	ERA.1S.305.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
Keying	Hermaphroditic keying (half moon insert) with male pin 1
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight	17.91 g

Performance

Configuration	1S.305 : 2 (0.9 mm) + 3 (0.7 mm) Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	

Specifications

Contact Type: Solder
Vtest: 1500 V (AC), 2100 V (DC)
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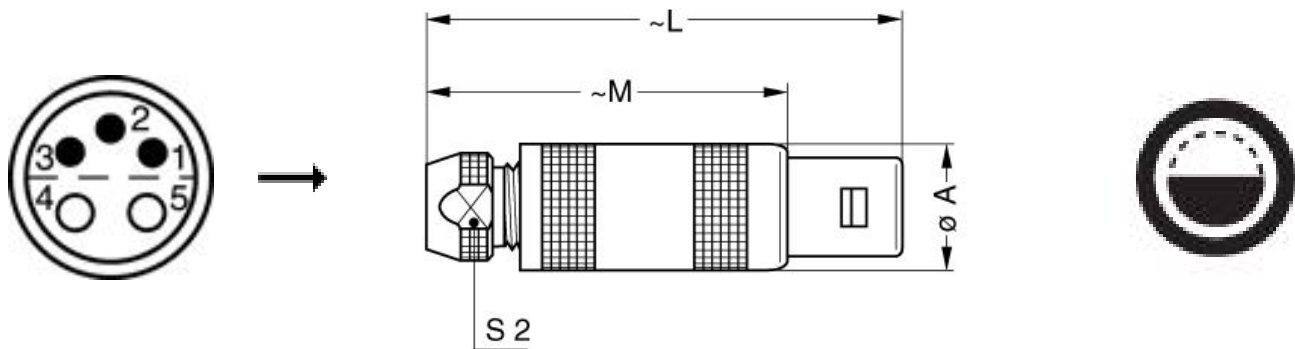
Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55° C / +250° C

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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

DRAWINGS



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

Tools

Spanner wrench: [DCD.1S.015.PA085](#)

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