

SUMMARY

Wires

Low voltage 7



Image is for illustrative purpose only

Series	2S
Termination type	Male solder
IP rating	50
AWG wire size	0.00 - 22.00
Cable Ø	6.30 - 7.20 mm
Status	active
Matching parts	ERA.2S.307.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFP*: Straight plug, cable collet and inner anti-rotating device
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	31.58 g

Performance

Configuration	2S.307 : 3 (1.3 mm) + 4 (0.9 mm) Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	

Specifications

Contact Type: Solder
Vtest: 800 V (AC), 1200 V (DC)
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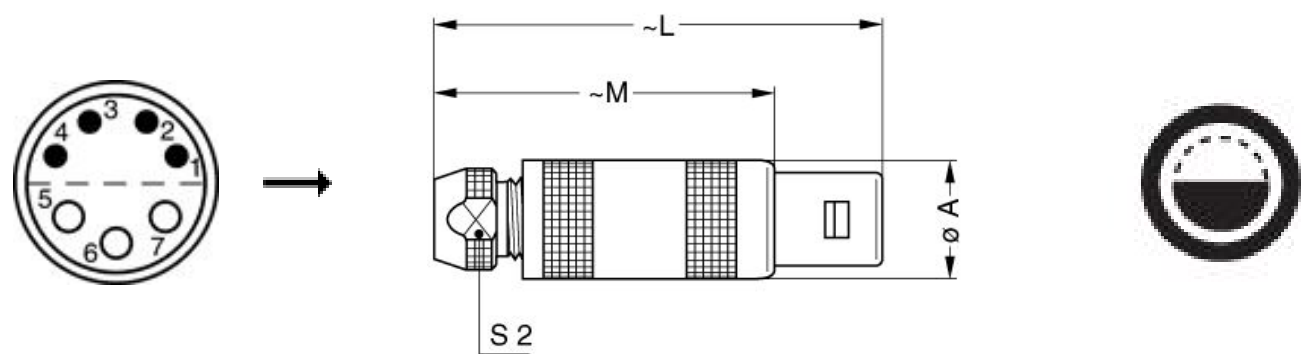
Others

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.	14.8	52	40	11
in.	0,58	2,05	1,57	0,43

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.2S.025.PA110](#)

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