FFA.1S.304.CLAC62

SUMMARY

Wires

Low voltage	**4**

Image is for illustrative purpose only

Series	1S
Termination type	Male solder
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	5.70 - 6.20 mm
Status	active
Matching parts	ERA.1S.304.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	13.00 g

Performance

Configuration	1S.304 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.9 mm (0.0354in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm^2 (AWG 22)
R (max): 4.8 mOhm
Vtest: 1200 V (AC), 1800 V (DC)
Air clearance min.: 1.1 mm
Creepage distance min.: 1.1 mm

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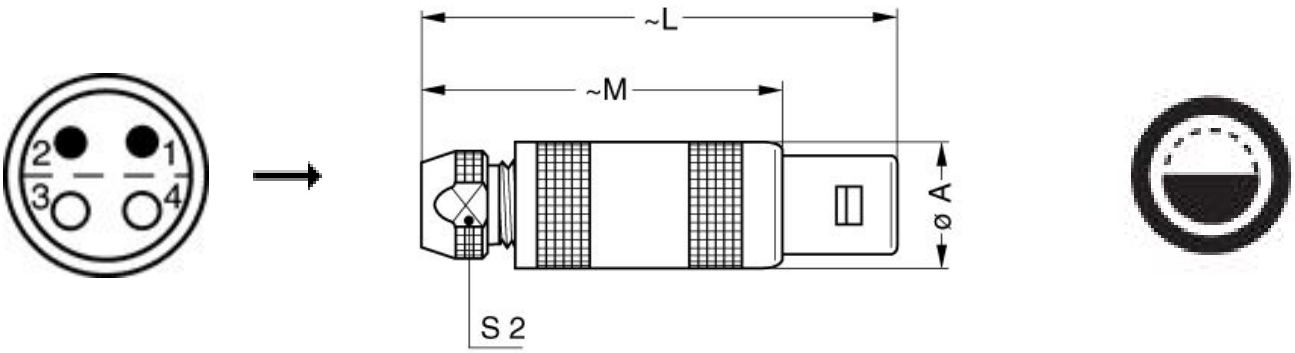
Others

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

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.ZZZ.PA085

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