

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series	1S
Termination type	Female solder
IP rating	50
AWG wire size	0.00 - 22.00
Cable Ø	4.20 - 5.20 mm
Status	active
Matching parts	FFA.1S.305.CLAC52Z

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PCA*: Free receptacle, cable collet and nut for fitting a bend relief
Keying	Hermaphroditic keying (half moon insert) with female 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
Variant	Z : Nut for fitting a bend relief
Weight	20.59 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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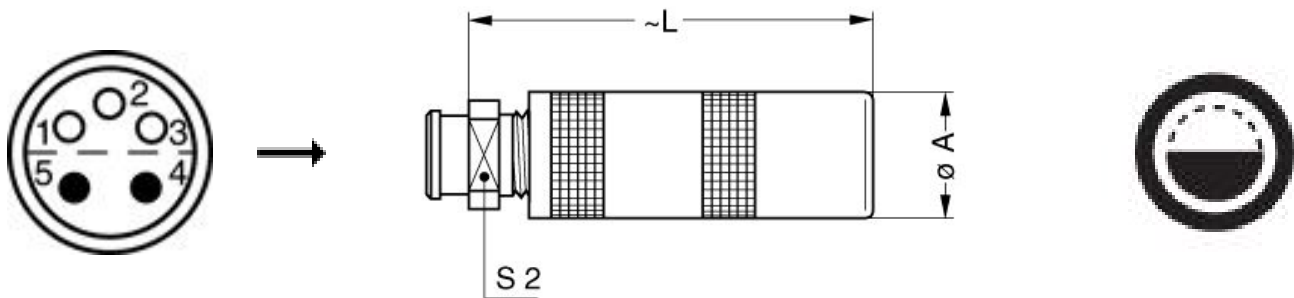
Others

Endurance (Shell): 5000 mating cycles

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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]
 Climatological 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	S2
mm.	11.9	40.5	9
in.	0,47	1,59	0,35

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.1B.015.PA090](#)

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