

PSA.1S.305.CLLC66

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 - 0.00

Cable Ø 5.90 - 6.50 mm

Status active

Matching parts FFA.1S.305.CLAC42

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Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model PSA*: Fixed receptacle, nut fixing, cable collet

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

Weight 14.84 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) Vtest: 1500 V (AC), 2100 V (DC)

Others

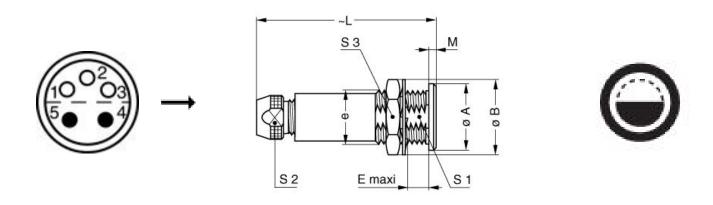
Endurance (Shell): 5000 mating cycles Temp (min / max): -55°C / +250°C

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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	В	С	E	L	М	S 1	S2	S 3	e
mm.	14	16	6.2	7.5	40.5	1.5	10.5	8.5	14	M12x1.0
in.	0,55	0,63	0,24	0,30	1,59	0,06	0,41	0,33	0,55	

RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.1S.ZZZ.PA085

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