

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series	1E
Termination type	Female solder
IP rating	68
AWG wire size	0.00 - 22.00
Cable Ø	4.60 - 5.00 mm
Status	active
Matching parts	FFA.1E.305.CLAC50Z

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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	26.52 g

Performance

Configuration	1E.305 : 2 (0.9 mm) + 3 (0.7 mm) Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 Amps

Specifications

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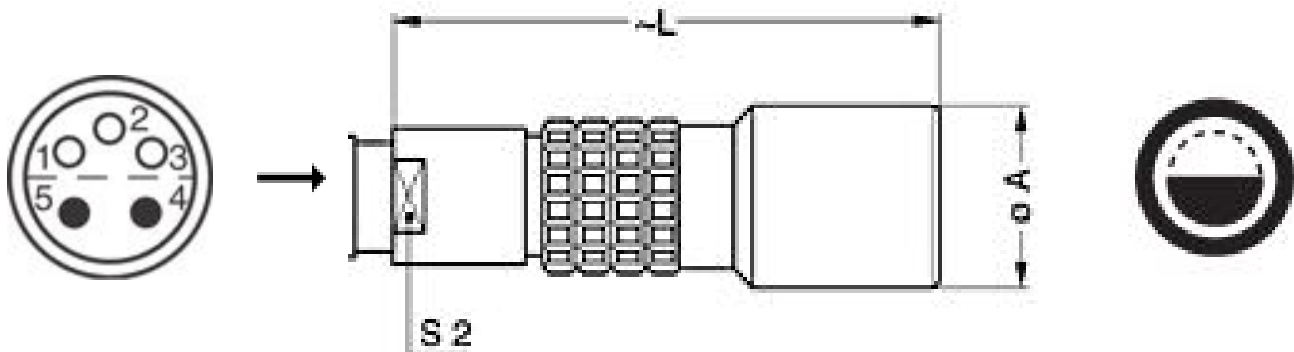
Others

Endurance (Shell): 5000 mating cycles

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Temp (min / max): -55° C / +200° 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): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	S2
mm.	15	45	9
in.	0,59	1,77	0,35

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.1E.008.PA090](#)

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