

SUMMARY

Wires

High voltage 7



Image is for illustrative purpose only

Series	2B
Termination type	Male solder
IP rating	50
AWG wire size	0.00 - 0.00
Cable Ø	7.30 - 8.20 mm
Status	active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PH*: Free receptacle, cable collet
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
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	36.65 g

Performance

Configuration	2B.437 : 7 High Voltage
Insulator	J: PEEK/PEEK
Rated Current	1 Amps

Specifications

Contact Type: Solder
Test voltage (kV DC) 9
Test voltage (kV AC) 6.4
Creepage distance min.: 4.7 mm

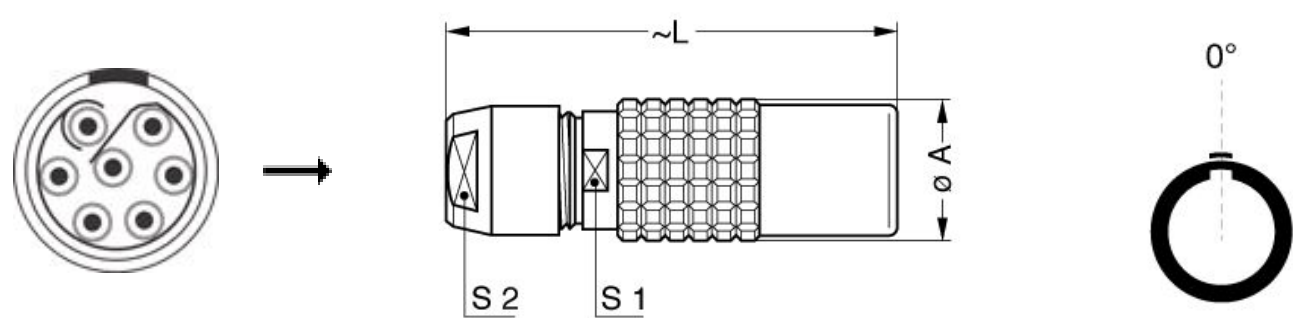
Others

Endurance (Shell): 5000

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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]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	S1	S2
mm.	16.5	47	13	12
in.	0,65	1,85	0,51	0,47

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.2B.025.PA120](#)

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