

PRODUCT FEATURES

Economical SIP Packaging for Local Area Networking Applications

- Ultra Miniature 7 Pin SIP
- 1000VDC I/O Isolation
- Fully Regulated

1 WATT LAN SERIES E-"C" WITH REMOTE FLASH PROGRAMMING

The LANE-"C" Series is a miniature, isolated and fully regulated series of DC/DC converters. These have input operation of 5V, 12V, and 24V, and outputs of 5V, 9V, 12V, 12.75V, and 15V-- delivering 1 watt of power. This series is specifically designed for use with Flash PROM devices providing the required stability for the programming voltage. A control pin is provided to reduce the output voltage to a low level, 1.2VDC, to program Flash PROMs.



SPECIFICATIONS: LAN E-"C" SERIES

INPUT SPECIFICATIONS

Input Voltage Range.....5,12,24VDC $\pm 5\%$

OUTPUT SPECIFICATIONS

Output Current.....See Table

Voltage Tolerance..... $\pm 5\%$ (nominal line, 100% load)

Line Load Regulation.....1% of V_{in}

Ripple/Noise (20MHz BW).....60mV p-p

Short Circuit Protection.....Short term

All specifications apply @ +25 C ambient unless otherwise noted.

GENERAL SPECIFICATIONS

Efficiency 5V out.....45% min.

9V, 12V, 15V.....55% min.

Isolation Voltage (input to output).....1000VDC

Switching Frequency.....20kHz (min.)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature.....0 to +71°C

Storage Temperature.....-25 to 100°C

Cooling.....Free Air Convection

PHYSICAL SPECIFICATIONS

Case Material.....Non-Conductive Black Plastic

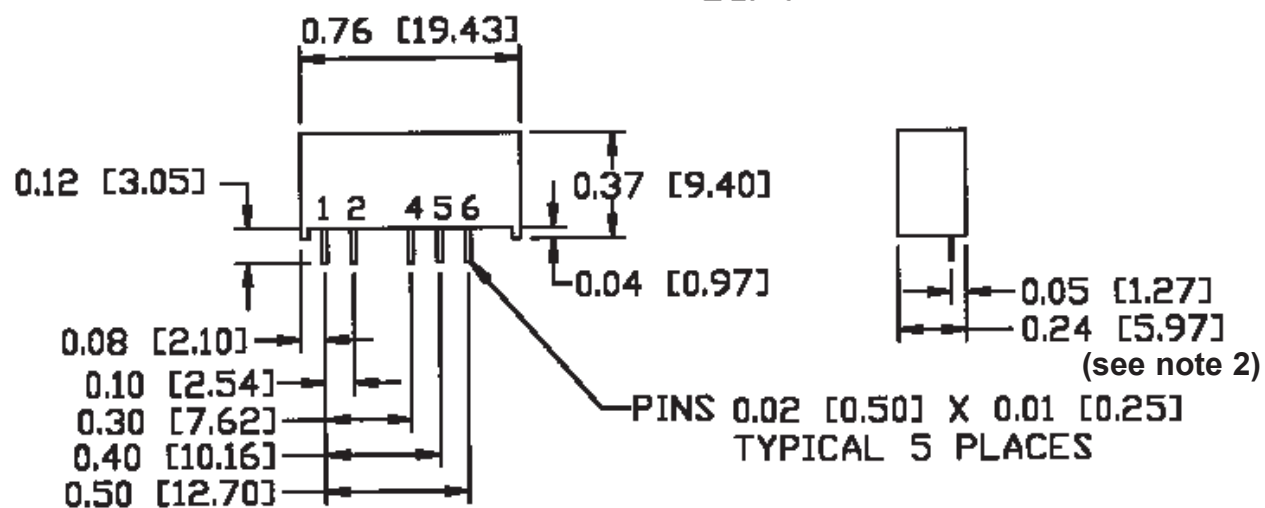
Due to advances in technology, specifications subject to change without notice.

Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Model Number
5	5	100	LANE505RC
5	9	100	LANE509RC
5	12	83	LANE512RC
5	12.75	78	LANE512.75RC
5	15	67	LANE515RC
12	5	100	LANE1205RC
12	9	100	LANE1209RC
12	12	83	LANE1212RC
12	12.75	78	LANE1212.75RC
12	15	67	LANE1215RC
24	5	100	LANE2405RC
24	9	100	LANE2409RC
24	12	83	LANE2412RC
24	12.75	78	LANE2412.75RC
24	15	67	LANE2415RC

PIN CONNECTIONS

1	+ Vin
2	- Vin
4	- Vout
5	Control
6	+ Vout

DIMS: IN [MM]



Notes:

1) All case and pin-to-case dimensions reference only unless otherwise noted.

2) For 24V in, width is 0.295 inches.