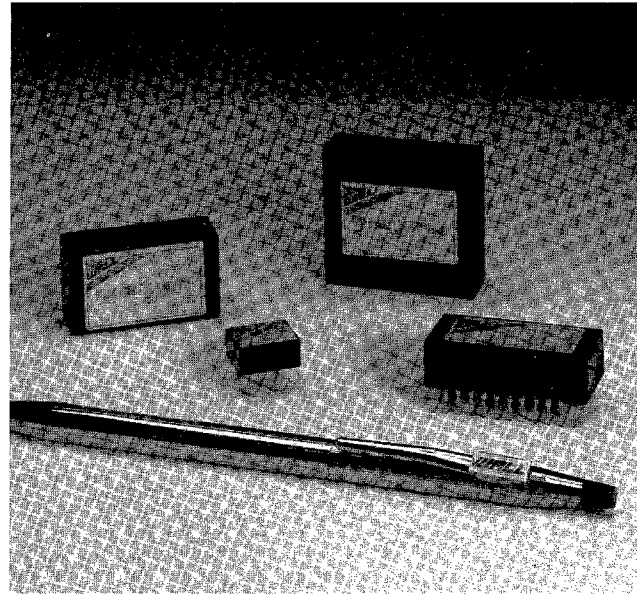


LAN SERIES E-"C" WITH REMOTE FLASH PROGRAMMING

Economical SIP Packaging for Local Area Networking Applications

FEATURES

- ◆ Ultra Miniature 7 Pin SIP
- ◆ 1000VDC I/O Isolation
- ◆ Fully Regulated
- ◆ Five Year Warranty



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

The LAN E-"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

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

INPUT SPECIFICATIONS

Input Voltage Range5,12,15,24VDC \pm 5%

OUTPUT SPECIFICATIONS

Output CurrentSee Table

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

Regulation0.25%/1% of V_{in}

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

Short Circuit ProtectionShort term

GENERAL SPECIFICATIONS

Efficiency 5V out45% min.

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

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

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

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature0 to +71°C

Storage Temperature-25 to 100°C

CoolingFree Air Convection

PHYSICAL SPECIFICATIONS

Dimensions0.765 x 0.235 x 0.37"

Case MaterialNon-Conductive Black Plastic

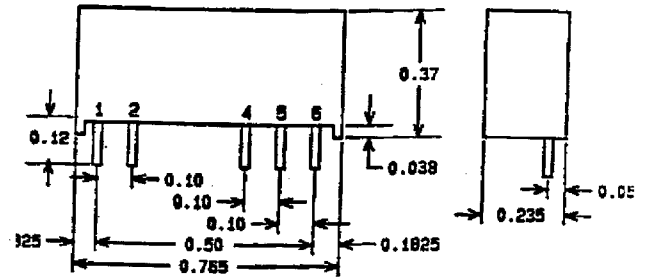
Due to advances in technology, specifications subject to change without notice.

603-778-2300

9564164 0000333 082

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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
15	5	100	LANE1505RC
15	9	100	LANE1509RC
15	12	83	LANE1512RC
15	12.75	78	LANE1512.75RC
15	15	67	LANE1515RC
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

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