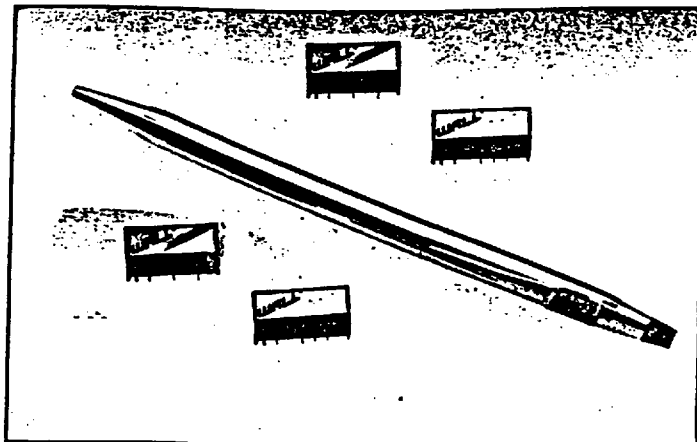


LAN E with Remote Flash Programming**SIP****FEATURES**

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

The LAN E with Remote Flash Programming Series from Wall Industries

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 input and outputs of 5V, 9V, 12V, 12.75V, 15V, and deliver one 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**

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

INPUT SPECIFICATIONS

Input Voltage Range 5, 12, 15, 24VDC $\pm 5\%$

OUTPUT SPECIFICATIONS

Output Current see table
Voltage Tolerance $\pm 5\%$ (nom. line, 100% load)
Regulation 0.25%/ 1% of V_{in}
Ripple/Noise (20MHz BW) 60mV p-p
Short Circuit Protection Short Term

GENERAL SPECIFICATIONS

Efficiency: 5V out. 45% min.
9V, 12V, 15V. 55% min.
Isolation Voltage (input to output) 1000VDC
Switching Frequency 20KHz (minimum)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature 0 to +71°C
Storage Temperature -25 to +100°C
Cooling Free air convection

PHYSICAL SPECIFICATIONS

Dimensions 0.765 x 0.235 x 0.37"
Case Material Non-conductive black plastic

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

Wall Industries, Inc. • 5 Watson Brook Road • Exeter, NH 03833 • 603-778-2300 • FAX: 603-778-9797

<http://www.conres.com/wtop.htm>

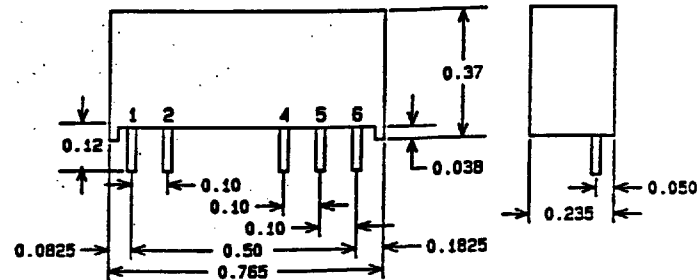
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LAN E-C

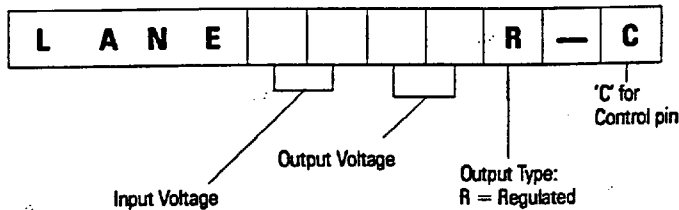
SINGLE OUTPUT

LAN E- "C" SERIES

Available Input Voltages (VDC)	Output Voltage (VDC)	Output Current (mA)
5, 12, 15 24 ±5%	5	100
	9	100
	12	83
	12.75	78
	15	67



How to Structure a Part Number



Pin Connections - LAN E "C"	
1	+ Vin
2	- Vin
4	- Vout
5	Control
6	+ Vout

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

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LAN E-C

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