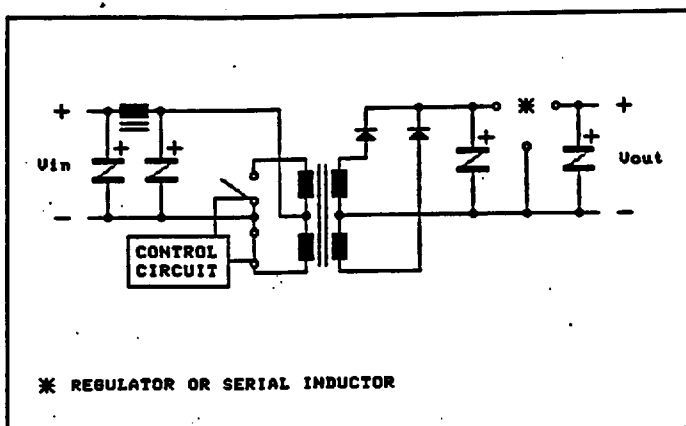
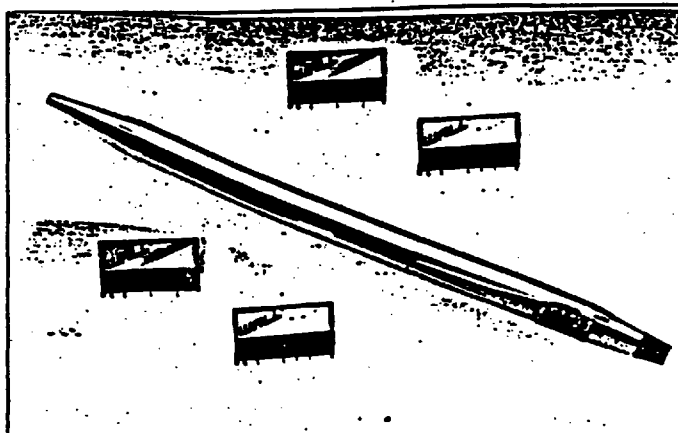


LAN E WITH HIGH ISOLATION**SIP****FEATURES**

- Ultra Miniature 7 Pin SIP
- 3000VDC I/O Isolation
- Single and Dual Outputs
- One Watt Output Power
- Five Year Warranty

**The LAN E Series with High Isolation
from Wall Industries**

When board space is at a premium, voltage conversions require low power, and a high level of input/output isolation is required, the highly isolated LAN E-H miniature converters offer superior solutions for an economical cost. Users have a multitude of options and operational ratings to choose from in custom-tailoring the converter to the demands of the application. Populating 0.179 sq. in. of board space, the LAN E-H provides 1 watt of power while maintaining specifications over the entire commercial operation temperature range.



Single Simplified Schematic

SPECIFICATIONS

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

INPUT SPECIFICATIONS

Input Voltage Range 5, 12, 15, 24VDC $\pm 5\%$
Input Filtering: Low ESR Capacitors
Input Voltage Tolerance $\pm 5\%$

OUTPUT SPECIFICATIONS

Output Current see table
Voltage Tolerance $\pm 5\%$ (nom. line, 100% load)
Line Regulation $\pm 1.2\%$
Load Regulation $\pm 10\%$
Ripple/Noise (20MHz BW) 100mV P-P max.
Short Circuit Protection Short Term

GENERAL SPECIFICATIONS

Efficiency (Typical) 70 to 75%
Isolation Voltage (input to output) 3000VDC
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

■ 9564164 0000300 636 ■ <http://www.conres.com/wtop.htm>

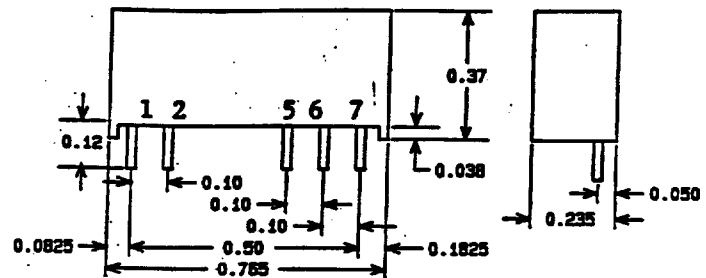
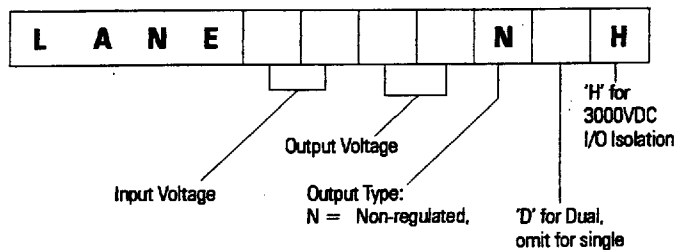
LAN E "H"

SINGLE/DUAL OUTPUT

LAN E "H" SERIES

Available Input Voltages (VDC)	Output Voltage (VDC)	Output Current (mA)
5, 12, 15, 24 ± 5%	5	200
	12	85
	15	66
	± 5	100
	± 12	42
	± 15	33

How to Structure a Part Number



Pin Connections - LAN E "H"		
	Single	Dual
1	+ Vin	+ Vin
2	- Vin	- Vin
5	- Vout	- Vout
6	No Pin	Common
7	+ Vout	+ Vout

Notes

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

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LAN E "H"

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