

LAN H SERIES

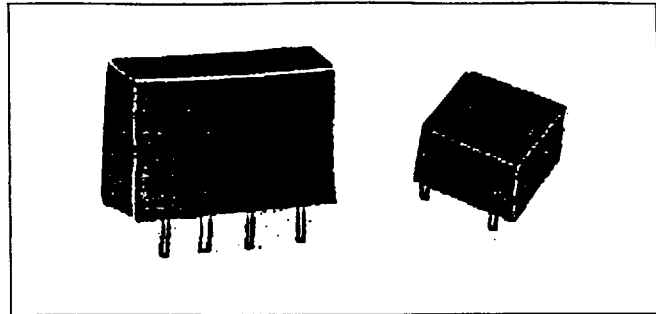
1 WATT DIP

FEATURES

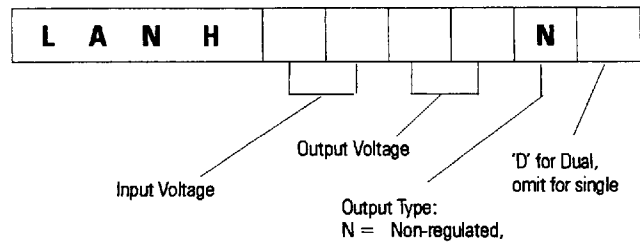
- ☒ Up to One Watt Output Power
- ☒ 1000VDC Isolation Voltage
- ☒ Miniature Package Size
- ☒ Single and Dual Outputs
- ☒ Five Year Warranty

The LAN H Series from Wall Industries

When high isolation is required and board space is at a premium, the LAN H Series offers a superior solution at an economical price. The LAN H Series is non-regulated and housed in an industry standard 4 pin SIP package.



How to Structure a Part Number



SPECIFICATIONS

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

INPUT SPECIFICATIONS

Input Voltage Range 3.3, 5, 12, 24, 48

OUTPUT SPECIFICATIONS

Output Current see table
 Voltage Tolerance ± 5%
 Line Regulation (10% to 100%load) ± 1.2% / % of Vin
 Load Regulation (10% to 100%load) 15% max.
 3.3V and 5V output 10% max.
 9V, 12V, and 15V output 100 mV p-p
 Ripple/Noise (20MHz BW) 100 mV p-p

GENERAL SPECIFICATIONS

Efficiency (at full load) 70% typical
 Isolation Voltage (input to output) 1000VDC.
 Isolation Resistance 1000Mohms @ 500VDC
 Switching Frequency 20kHz (minimum)

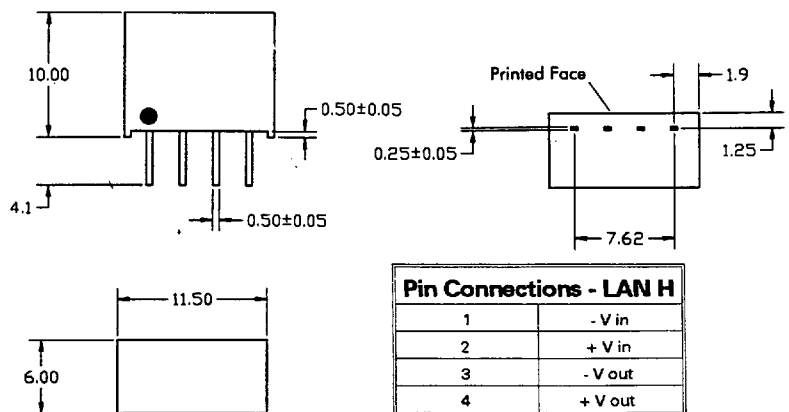
ENVIRONMENTAL SPECS.

Operating Temperature 0 to +70°C
 Storage Temperature -40°C to +105°C
 Cooling Free air convection

PHYSICAL SPECIFICATION

Dimensions 0.393 x 0.435 x 0.236"
 Case Material Non-conductive black plastic

Available Input Voltages (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency
3.3	3.3	303	70
5	5	200	75
12	9	110	75
15	12	84	75
24	15	67	75
48	± 3.3	±154	70
	± 5	±100	75
	±9	±56	75
	±12	±42	75
	± 24	±34	70



1	- V in
2	+ V in
3	- V out
4	+ V out

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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