

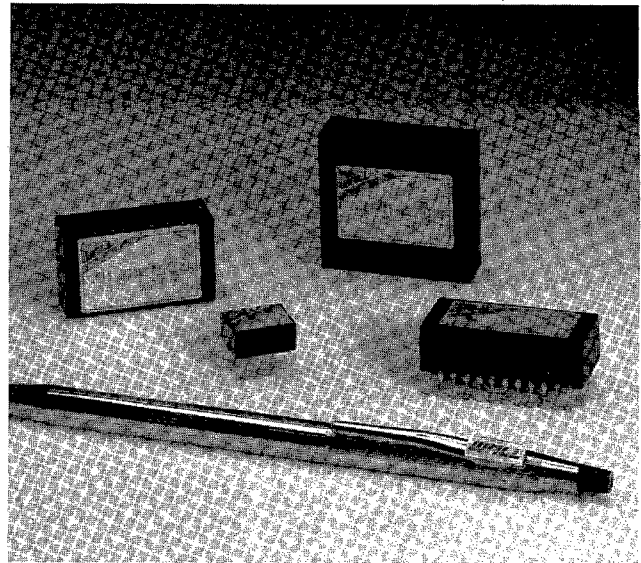
1 WATT SIP OR DIP - LAN H SERIES

FEATURES

- ◆ Up to One Watt Output Power
- ◆ 1000VDC Input/ Output Isolation
- ◆ 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 four pin SIP package for single outputs, or five pin DIP for dual output modules.



SPECIFICATIONS: LAN H SERIES

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

INPUT SPECIFICATIONS

Input Voltage Range .....3.3, 5, 12, 24, 48VDC ± 10%

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)

3.33V and 5V output .....15% max.

9V, 12V, and 15V output .....10% max.

Ripple/Noise (20MHz BW) .....100mV P-P

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

GENERAL SPECIFICATIONS

Efficiency (@FL).....70% typical

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

Isolation Resistance .....1000Mohms @ 500VDC

Switching Frequency .....20kHz minimum

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature .....0 to +70°C

Storage Temperature .....-40 to +105°C

Cooling .....Free air convection

PHYSICAL SPECIFICATIONS

Dimensions: Singles .....0.393 x 0.435 x 0.236"

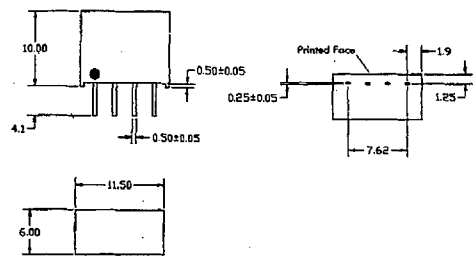
Duals .....0.50 X 0.50 X 0.37"

Case Material.....Non-conductive black plastic

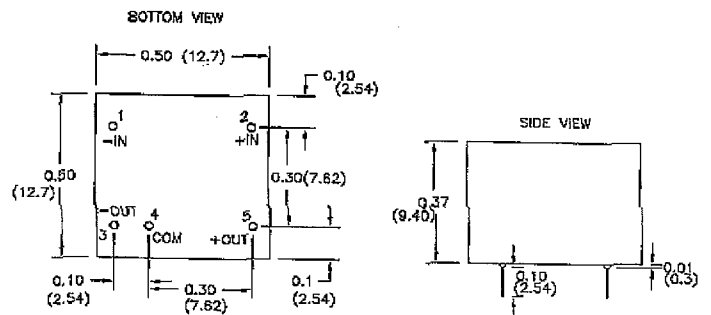
Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency	Model Number	
3.3	3.3	303	70	LANH303N	
	5	200	75	LANH305N	
	9	110	75	LANH309N	
	12	84	75	LANH312N	
	15	67	75	LANH315N	
	±3.3	±154	70	LANH303ND	
	±5	±100	75	LANH305ND	
	±9	±56	75	LANH309ND	
	±12	±42	75	LANH312ND	
	±24	±34	70	LANH324ND	
	5	3.3	303	70	LANH503N
		5	200	75	LANH505N
		9	110	75	LANH509N
		12	84	75	LANH512N
15		67	75	LANH515N	
±3.3		±154	70	LANH503ND	
±5		±100	75	LANH505ND	
±9		±56	75	LANH509ND	
±12		±42	75	LANH512ND	
±24		±34	70	LANH524ND	
12		3.3	303	70	LANH1203N
		5	200	75	LANH1205N
		9	110	75	LANH1209N
		12	84	75	LANH1212N
	15	67	75	LANH1215N	
	±3.3	±154	70	LANH1203ND	
	±5	±100	75	LANH1205ND	
	±9	±56	75	LANH1209ND	
	±12	±42	75	LANH1212ND	
	±24	±34	70	LANH1224ND	
	15	3.3	303	70	LANH1503N
		5	200	75	LANH1505N
		9	110	75	LANH1509N
		12	84	75	LANH1512N
15		67	75	LANH1515N	
±3.3		±154	70	LANH1503ND	
±5		±100	75	LANH1505ND	
±9		±56	75	LANH1509ND	
±12		±42	75	LANH1512ND	
±24		±34	70	LANH1524ND	
24		3.3	303	70	LANH2403N
		5	200	75	LANH2405N
		9	110	75	LANH2409N
		12	84	75	LANH2412N
	15	67	75	LANH2415N	
	±3.3	±154	70	LANH2403ND	
	±5	±100	75	LANH2405ND	
	±9	±56	75	LANH2409ND	
	±12	±42	75	LANH2412ND	
	±24	±34	70	LANH2424ND	

Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Efficiency	Model Number
48	3.3	303	70	LANH4803N
	5	200	75	LANH4805N
	9	110	75	LANH4809N
	12	84	75	LANH4812N
	15	67	75	LANH4815N
	±3.3	±154	70	LANH4803ND
	±5	±100	75	LANH4805ND
	±9	±56	75	LANH4809ND
	±12	±42	75	LANH4812ND
	±24	±34	70	LANH4824ND

Single Output



Dual Output



PIN CONNECTIONS LAN H

	Single	Dual
1	- Vin	-Vin
2	+ Vin	+Vin
3	- Vout	-Vout
4	+ Vout	Common
5		+Vout

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