

LAN C-W SERIES - UP TO 3 WATTS

Wide Input Range, Dual In-Line Package

FEATURES

- 2:1 input voltage range
- Miniature dual in-line package
- 500VDC I/O isolation
- Single and dual outputs
- Regulated outputs

THE LAN C-W SERIES FROM WALL INDUSTRIES

When lower power applications demand wider input voltage ranges to operate off batteries or multiple input voltages, the LAN C-W Series offers 'wide' 2:1 input, and LAN C-UW offers 'ultra-wide' 4:1 input voltage ranges to solve application challenges. Both these converters are fully regulated and housed in the industry standard 24-pin DIP package.

**SPECIFICATIONS: LAN C-W SERIES**

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

INPUT SPECIFICATIONS

Input Voltage Range.....4.5-9.0, 9-18, 18-36, 36-75VDC
 Input Filtering.....Pi Filter

OUTPUT SPECIFICATIONS

Output Current.....see table
 Voltage Tolerance.....±2% (nom. line, 100% load)
 Line Regulation.....±0.5%
 Load Regulation.....±0.5%
 Ripple/Noise (20MHz BW).....0.5-1.0% of Vout (p-p)
 Short Circuit Protection.....Continuous

GENERAL SPECIFICATIONS

Efficiency (at full load).....70-81%
 Isolation Voltage (input to output).....500VDC
 Switching Frequency.....300kHz min.

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature.....-25 to +71°C
 Storage Temperature.....-40 to +125°C
 Cooling.....Free air convection

PHYSICAL SPECIFICATIONS

Dimensions:.....1.25 x 0.80 x 0.40"
 Case Material.....Non-conductive black plastic

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

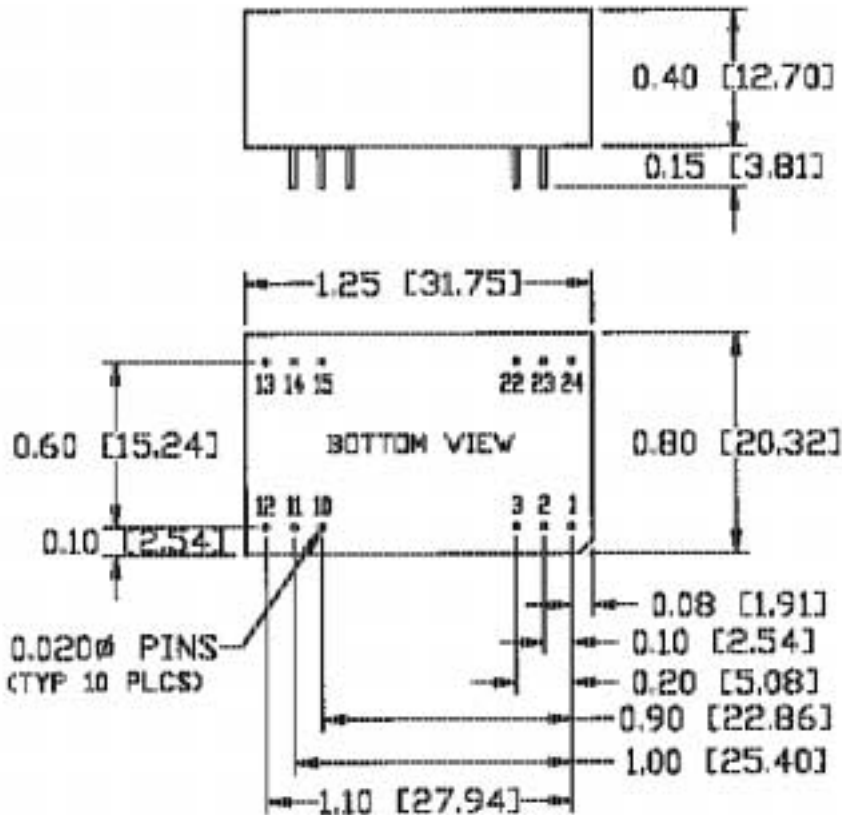
Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Model Number (SEE NOTES)
4.5-6	5	500	LANC505W3
	12	250	LANC512W3
	15	200	LANC515W3
	± 5	250	LANC505DW3
	± 12	125	LANC512DW3
	± 15	100	LANC515DW3
9-18	5	500	LANC1205W3
	12	250	LANC1212W3
	15	200	LANC1215W3
	± 5	250	LANC1205DW3
	± 12	125	LANC1212DW3
	± 15	100	LANC1215DW3
18-36	5	500	LANC2405W3
	12	250	LANC2412W3
	15	200	LANC2415W3
	± 5	250	LANC2405DW3
	± 12	125	LANC2412DW3
	± 15	100	LANC2415DW3
36-72	5	500	LANC4805W3
	12	250	LANC4812W3
	15	200	LANC4815W3
	± 5	250	LANC4805DW3
	± 12	125	LANC4812DW3
	± 15	100	LANC4815DW3

PIN CONNECTIONS

	Single	Dual
1, 24	+Vin	+ Vin
2, 23	No Pin	-Vout
3, 22	No Pin	Common
10, 15	- Vout	Common
11, 14	+ Vout	+ Vout
12, 13	- Vin	- Vin

NOTES:

1. All case and pin-to-case dimensions reference only unless otherwise noted.
2. All DC/DC converters should be externally fused on front end.



DIMS: IN [MM]