

**LAN CW SERIES - UP TO 3 WATTS**

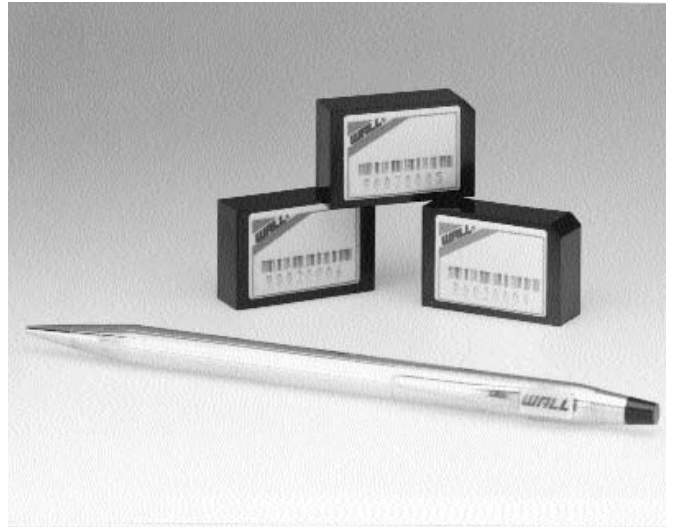
Wide Input Range, Dual In-Line Package

**FEATURES**

- 2:1 input voltage range
- Miniature dual in-line package
- 500VDC I/O isolation
- Single and dual outputs
- Regulated outputs
- UL/CUL 1950

**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 CW Series offers 'wide' 2:1 input ranges to solve application challenges. These converters are fully regulated and housed in an industry standard 24-pin DIP package.

**SPECIFICATIONS: LAN CW 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 .....(nom. line, 100% load) .....±2%  
 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 typ.

**ENVIRONMENTAL SPECIFICATIONS**

Operating Temperature (Note 3).....-40 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.*

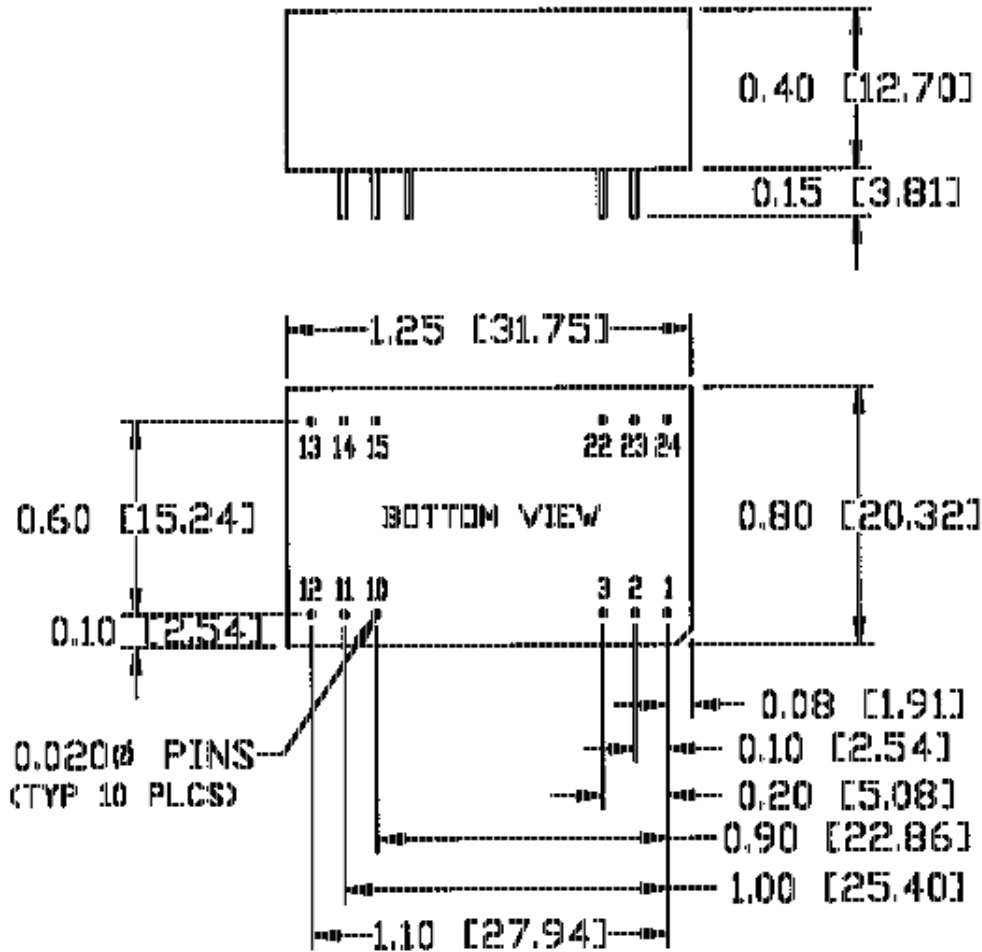
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Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Model Number
4.5-9	5	600	LANC505W3
	12	250	LANC512W3
	15	200	LANC515W3
	±12	125	LANC512DW3
	±15	100	LANC515DW3
9-18	5	600	LANC1205W3
	12	250	LANC1212W3
	15	200	LANC1215W3
	±12	125	LANC1212DW3
	±15	100	LANC1215DW3
18-36	5	600	LANC2405W3
	12	250	LANC2412W3
	15	200	LANC2415W3
	±12	125	LANC2412DW3
	±15	100	LANC2415DW3
36-75	5	600	LANC4805W3
	12	250	LANC4812W3
	15	200	LANC4815W3
	±12	125	LANC4812DW3
	±15	100	LANC4815DW3

<b>PIN CONNECTIONS</b>		
	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 the front end.
3. To +85°C with derating.



DIMS: IN [MM]