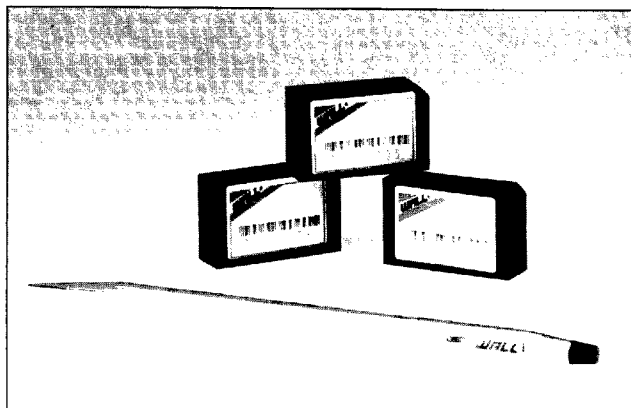
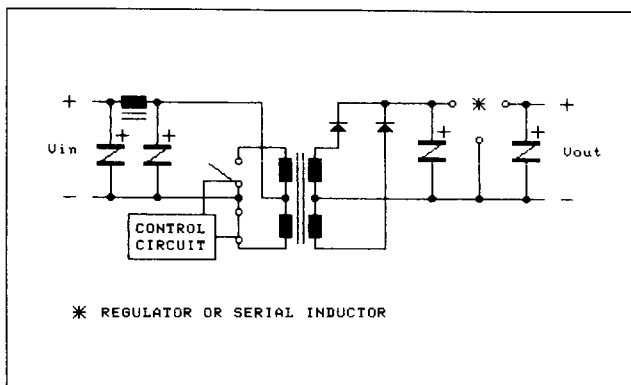


LAN C SERIES**UP TO 3 WATTS DIP****FEATURES**

- Miniature Dual In-line Package
- Two Levels of I/O Isolation Available
- Single and Dual Outputs
- Low Reflected Ripple Current
- Regulated and Non-Regulated Versions
- Five Year Warranty

**The LAN C Series from Wall Industries**

Offering alternate combinations from four different input voltage ranges; nine different output voltages; regulated and non-regulated versions; two levels of isolation; and three tiers of power, the LAN C Series of DC/DC converters can be tailor-made to fit most any low power conversion requirement.



Simplified Schematic

SPECIFICATIONS

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

INPUT SPECIFICATIONS

Input Voltage Range 5, 12, 15, 24VDC $\pm 10\%$
Input Filtering Pi Network

OUTPUT SPECIFICATIONS

Output Current see table
Voltage Tolerance $\pm 5\%$ (nom. line, 100% load)
Line Regulation - Non-Regulated Version $\pm 1.2\%$ of V_{in}
Line Regulation - Regulated Version $\pm 0.5\%$
Load Regulation - Non-Regulated $\pm 8\%$ (20% to 100% load)
Load Regulation - Regulated $\pm 0.5\%$
Ripple/Noise (20MHz BW) 50mV (P-P)
Short Circuit Protection Short Term

GENERAL SPECIFICATIONS

Efficiency (Typical) - Non-Regulated 72 to 85%
Regulated 55 to 65%
Isolation Voltage, input to output 500 VDC or 3000VDC
Switching Frequency 20KHz (minimum)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature 0 to +71°C, -25 to +85°C (case) also available
Storage Temperature -25 to +100°C
Cooling Free air convection

PHYSICAL SPECIFICATIONS

Dimensions - 500VDC I/O Isolation 1.25 x 0.80 x 0.40"
Dimensions - 3000VDC I/O Isolation 1.25 x 0.80 x 0.48"
Case Material Non-conductive black plastic

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

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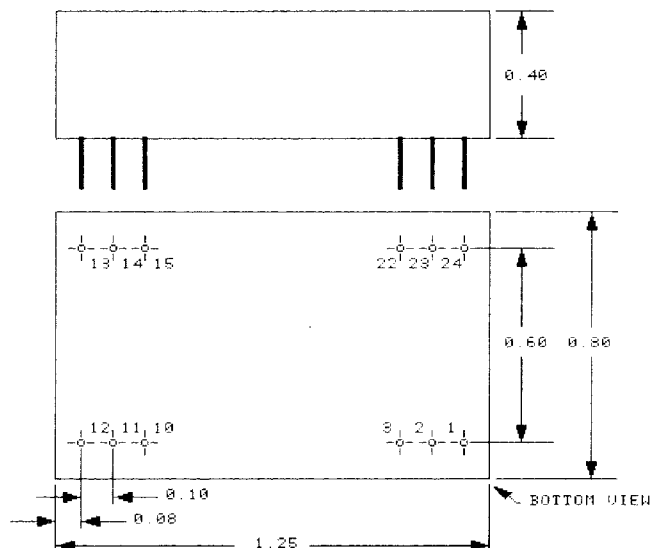
LAN C

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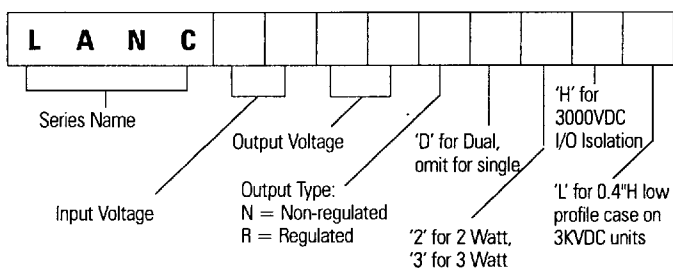
SINGLE/DUAL OUTPUT

LAN C SERIES

Available Input Voltages (VDC)	Output Voltage (VDC)	Output Current (mA)		
		Standard	2 Watt	3 Watt
5, 12, 15, 24 ± 10%	5	300	400	600
	9	170	250	330
	12	125	166	250
	15	100	133	200
	24	65	83	125
	± 5	± 150	± 200	± 300
	± 9	± 90	± 110	± 165
	± 12	± 60	± 83	± 125
	± 15	± 50	± 67	± 100



How to Structure a Part Number



Pin Connections				
Isolation	500VDC		3000VDC	
	Single	Dual	Single	Dual
Vin +	1, 24	1, 24	1, 2, 3	1, 2, 3
Vin -	12, 13	12, 13	22, 23, 24	22, 23, 24
Vout +	11, 14	11, 14	13	15
Common		3, 10, 15, 22		10, 11
Vout -	10, 15	2, 23	12	13
No Connect	2, 3, 22, 23		10, 11, 14, 15	12, 14

Notes

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

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LAN C
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