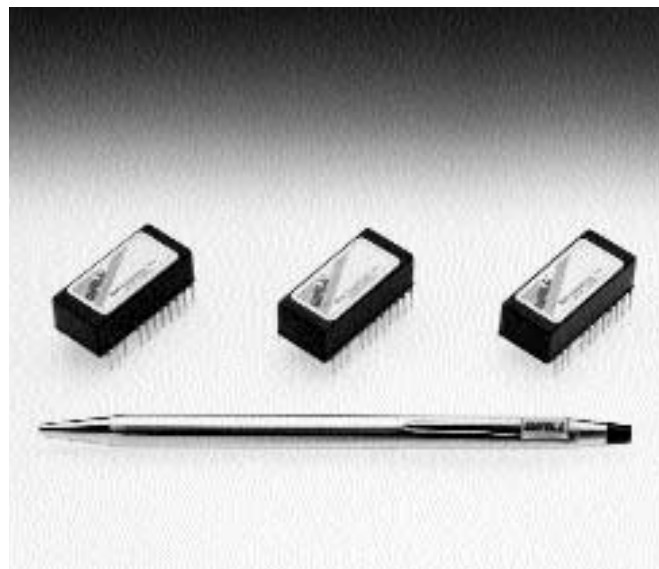


TO 2.25 WATTS - LAN B SERIES

24 Pin DIP for LAN Applications

FEATURES

- Available in Both Surface Mount and Through-Hole Package / Pin-out
- 500VDC I/O Isolation
- Single and Dual Outputs
- Regulated and Non-Regulated Versions



THE LAN B SERIES FROM WALL INDUSTRIES

Whether your board requires an SMT or through-hole version DC/DC converter, the LANB provides power and isolation for local area network (LAN) transceiver chips. The LAN B Series is intended for Ethernet, Cheapernet or Starlan local area network application.

SPECIFICATIONS: LAN B SERIES

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

INPUT SPECIFICATIONS

Input Voltage Range.....5,12VDC $\pm$ 10%
Input FilterPi-Input Filter

OUTPUT SPECIFICATIONS

Output Current	See Table
Voltage Tolerance	±5%
Line Regulation: Non-Regulated	±1.3%/V In
Regulated	±0.3
Load Regulation: Non-Regulated	±10%
Regulated	±0.5%
Ripple/Noise (20MHz BW)	50mV p-p
Short Circuit Protection	Continuous

GENERAL SPECIFICATIONS

Efficiency (Regulated)	50% typical
(Unregulated)	70% typical
Isolation Voltage (input to output)	500VDC
Switching Frequency.....	20kHz min.

ENVIRONMENTAL SPECIFICATIONS

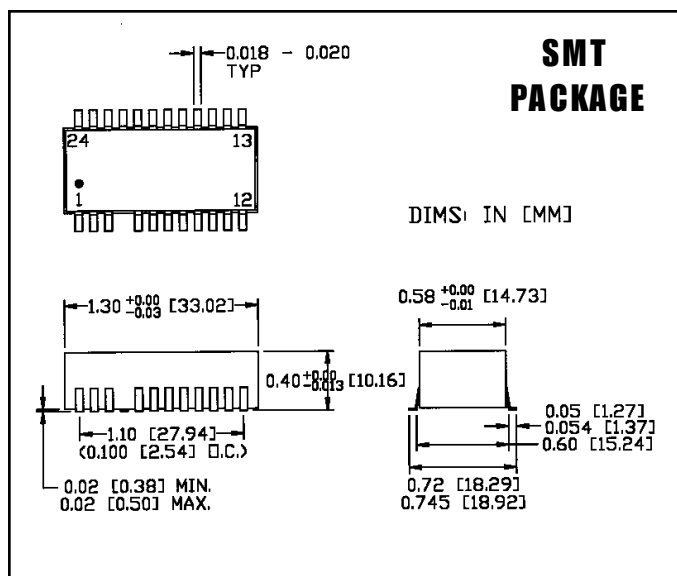
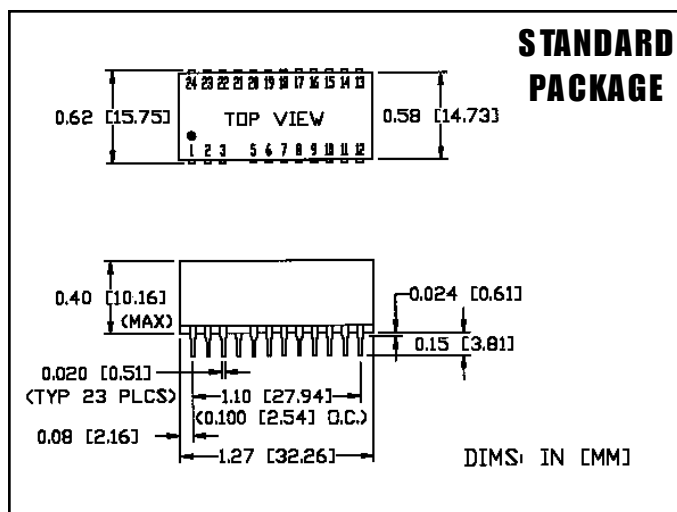
Operating Temperature0 to +85°C (case)
Storage Temperature-25° to +125°C
Humidity20%-95% RH (non-condensing)
CoolingFree Air Convection

PHYSICAL SPECIFICATIONS

Dimensions.....1.3 x 0.58 x 0.4
Case MaterialNon-metallic

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

Input Voltage (VDC)	Output Voltage (VDC)	Output Current (mA)	Regulated or Non-Reg. (SEE NOTES)	Model Number
5	5	360	R	LANB505R
5	9	170	R	LANB509R
5	9	200	N	LANB509N
5	12	125	R	LANB512R
5	12	150	N	LANB512N
5	15	100	R	LANB515R
5	15	120	N	LANB515N
5	±5	180	N	LANB505ND
5	±12	75	R	LANB512RD
5	±15	60	N	LANB515ND
12	5	360	R	LANB1205R
12	9	200	R	LANB1209R
12	9	250	N	LANB1209N
12	12	125	R	LANB1212R
12	12	150	N	LANB1212N
12	15	100	R	LANB1215R
12	±12	75	R	LANB1212RD
12	±15	60	N	LANB1215ND



PIN CONNECTIONS

	Single	Dual
1 & 24	+ Vin	+ Vin
12 & 13	- Vin	- Vin
11 & 14	+ Vout	+ Vout
10 & 15	- Vout	
2 & 23		- Vout
3, 10, 15, 22		Common

NOTES:

1. Add "SMT" to end of part number to indicate SMT package.
2. All case and pin-to-case dimensions reference only unless otherwise noted.
3. Highly isolated 2000V rms available consult factory.