



- 16 pin SMD package
- 2000 Vrms isolation
- MTBF > 1 million hours
- short-circuit protection
- up to 75% efficiency

The LANS series offers the designer a 16-pin SMD package for high speed production at an economical price. The 2000 Vrms isolation is appropriate for medical and safety applications.

MODELS

MODEL NUMBER	INPUT VOLTAGE (VDC)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (MA)	EFFICIENCY
LANS505NSMT	5	5	360	70%
LANS509NSMT	5	9	200	75%
LANS512NSMT	5	12	150	75%
LANS515NSMT	5	15	120	75%
LANS1205NSMT	12	5	360	70%
LANS1209NSMT	12	9	200	75%
LANS1212NSMT	12	12	150	75%
LANS1215NSMT	12	15	120	75%

PIN CONNECTIONS

SINGLE	
1	-Vin
2	N/C
3	+Vin
7	+Vout
8	-Vout
others	N/C

SPECIFICATIONS

All specifications apply at 25°C unless otherwise noted.

SPECIFICATION	VALUE
INPUT	
Input Voltage Range	5,12VDC +/-5%
OUTPUT	
Output Current	see model information table
Voltage Accuracy	+/-5%
Line Regulation (10 to 100% F.L.)	+/-1.2%
Load Regulation (10-100% load)	+/-10%
Short Circuit Protection	short term
Ripple/Noise (20MHz BW)	100mV p-p
GENERAL	
Efficiency	see table
Isolation Voltage (input to output)	2000Vrms
Isolation Resistance (input to output)	100mohms min@500VDC
Switching Frequency	100kHz
ENVIRONMENTAL	
Operating Temperature (ambient)	0°C to +70°C
Storage Temperature	-40°C to +100°C
Cooling	natural convection
PHYSICAL	
Dimensions	L 1.0 x W 0.385 x H 0.440 inches
Case Material	black plastic
<i>due to advances in technology, specifications subject to change without notice.</i>	

