



- SMD package
- 1,000 VDC isolation
- UL 94V-0 package material
- MTBF > 1 million hours
- 5,9,12 or 15V out
- efficiency up to 75%

The AM series from Wall Industries, Inc. is highly suitable for high speed pick and place machine operation. This economically priced converter is perfect for low power applications.

## MODELS

MODEL NUMBER	INPUT VOLTAGE (VDC)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (MA)	EFFICIENCY
AM505-200N	5	5	200	70%
AM509-110N	5	9	110	75%
AM512-84N	5	12	84	75%
AM515-67N	5	15	67	75%
AM1205-200N	12	5	200	70%
AM1209-110N	12	9	110	75%
AM1212-84N	12	12	84	75%
AM1215-67N	12	15	67	75%

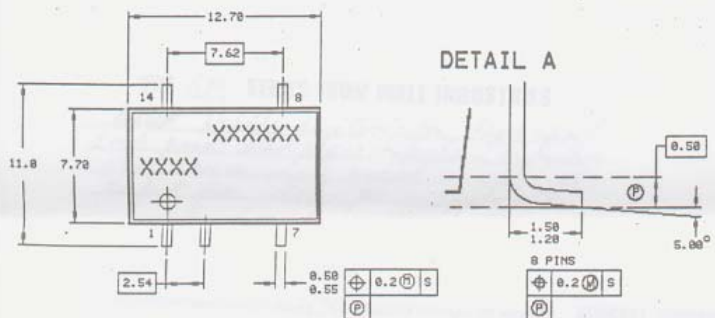
## SPECIFICATIONS

*All specifications apply at 25°C unless otherwise noted.*

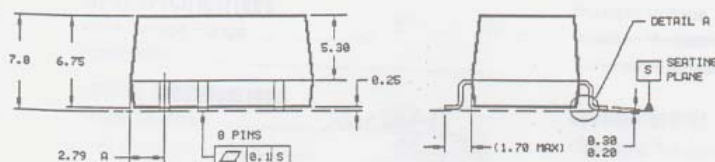
SPECIFICATION	VALUE
<b>INPUT</b>	
Input Voltage Range	+/-5%
<b>OUTPUT</b>	
Output Current	see model information table
Voltage Accuracy	+/-5%
Line Regulation	5Vout 14% max., 9, 12, 15Vout 8.5% max.
Load Regulation (10-100% load)	1.2%/1% of Vin max.
Ripple/Noise (20MHz BW)	5Vout 100mV p-p 9Vout 150mV p-p 12Vout 180mV p-p 15V out 190 mV p-p
<b>GENERAL</b>	
Efficiency	see table
Isolation Voltage (input to output)	1000VDC
Switching Frequency	100kHz typ.
<b>ENVIRONMENTAL</b>	
Operating Temperature (ambient)	0°C to +70°C
Storage Temperature	-40°C to +100°C
Cooling	free air convection
<b>PHYSICAL</b>	
Dimensions	see drawing
Weight	< 1.5g
Case Material	plastic UL 94V-0
<i>due to advances in technology, specifications subject to change without notice.</i>	

## MARKINGS AND DIMENSIONS

## PIN CONNECTION



PIN	SINGLE OUTPUT
1	-INPUT
3	+INPUT
7	-OUTPUT
8	+OUTPUT
14	NC



Dimensions:inches/mm Unless otherwise specified, all tolerances are  $\pm.005/\pm0.13$