

## DATA SHEET

#### **AM SERIES**

### TO 1 WATT



#### • 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	OUTPUT VOLTAGE	OUTPUT CURRENT	EFFICIENCY
	(VDC)	(VDC)	(MA)	
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%



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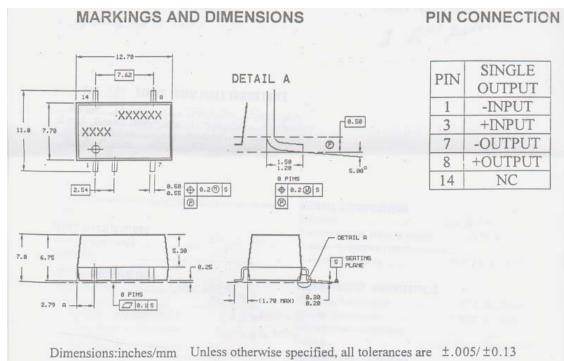
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#### **SPECIFICATIONS**

All specifications apply at 25°C unless otherwise noted.

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



www.wallindustries.com