

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[CUI Inc.](#)

[EPA120100-S/T-SZ](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



Part No: EPA120100-S/T-SZ

Description: linear power supply

Date: 5/11/2007

Unit: mm

Page No: 1 of 7



Specifications

Output voltage	12 V ac at 1000 mA	
Rated input voltage	120 V ac	
Primary rated voltage	120 V ac 60 Hz 17 W	
Primary exciting current	30 mA rms max.	
Secondary rated voltage & current	no load voltage (max.)	15.6 V ref
	full load voltage (1000 mA)	12 V $\pm$ 5%
Temperature rise of primary winding (full load)	70°C max. using resistance method	
Insulation resistance	$\geq$ 100 M Ohm at 500 V dc	
HI-POT test	from input to output for 1 min.	1240 V ac at 2 mA
	from input to output for 1 sec.	1600 V ac at 2 mA
	from primary to secondary winding for 1 sec.	1600 V ac at 2 mA
	from primary winding to core for 1 sec.	1600 V ac at 2 mA
	from secondary winding to core for 1 sec.	750 V ac at 2 mA
Safety standards	UL/cUL	
RoHS compliant	yes	
No load power consumption	0.5 W max.	
Efficiency	Energy Star Compliant - Efficiency Level IV	
Test conditions	Ambient temp	40°C $\pm$ 2°C
	Humidity	90-95% 96 hours at Full Load
	Rated voltage	8 hours at full load
Adapter color	Case	black
	Cord	black



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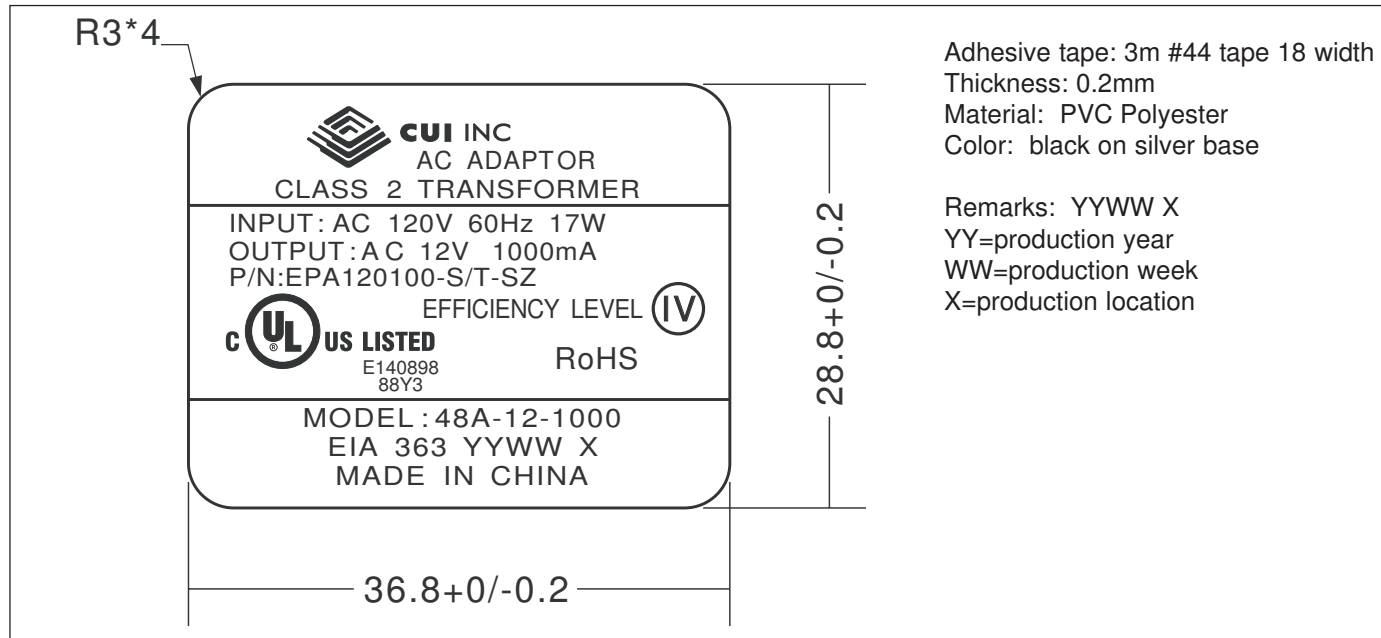
Description: linear power supply

Date: 5/11/2007

Unit: mm

Page No: 2 of 7

Label





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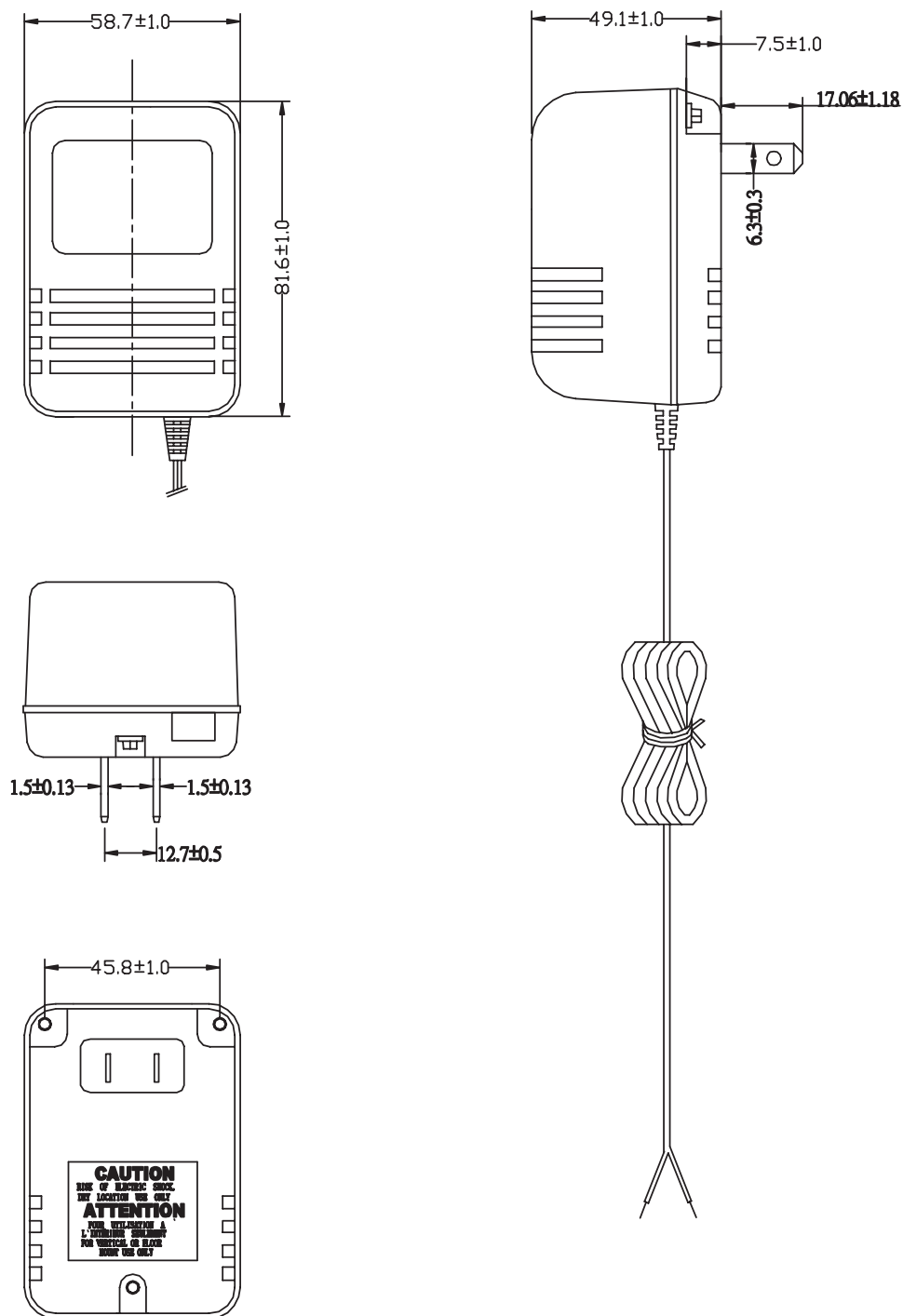
Unit: mm

Page No: 3 of 7

Mechanical Drawing

Tolerance: ± 1

Weight 419 g





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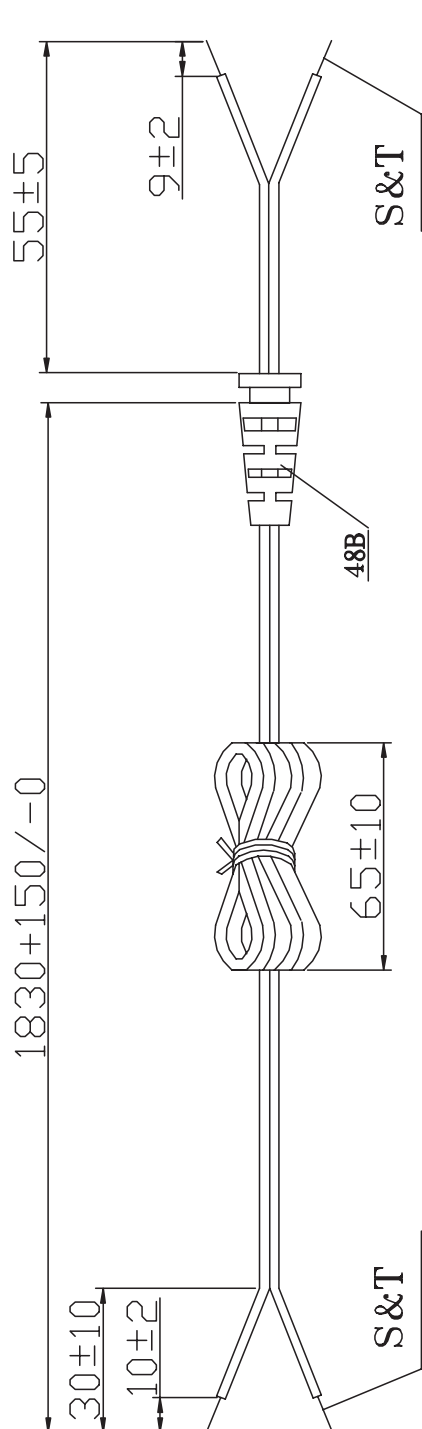
Description: linear power supply

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Page No: 4 of 7

DC Cord



#22AWG X2C BLACK/WHITE WIRE BLACK WIRE IN NEGATIVE, BLACK/WHITE WIRE IN POSITIVE

RE OD: Ø1.8X3.6

Parameter request	
VIBRATION TEST	a. ±50°
	b. WEIGHT 200g
	c. 40 ROUND/MINUTE
	d. OVER 1000 COUNT MIN



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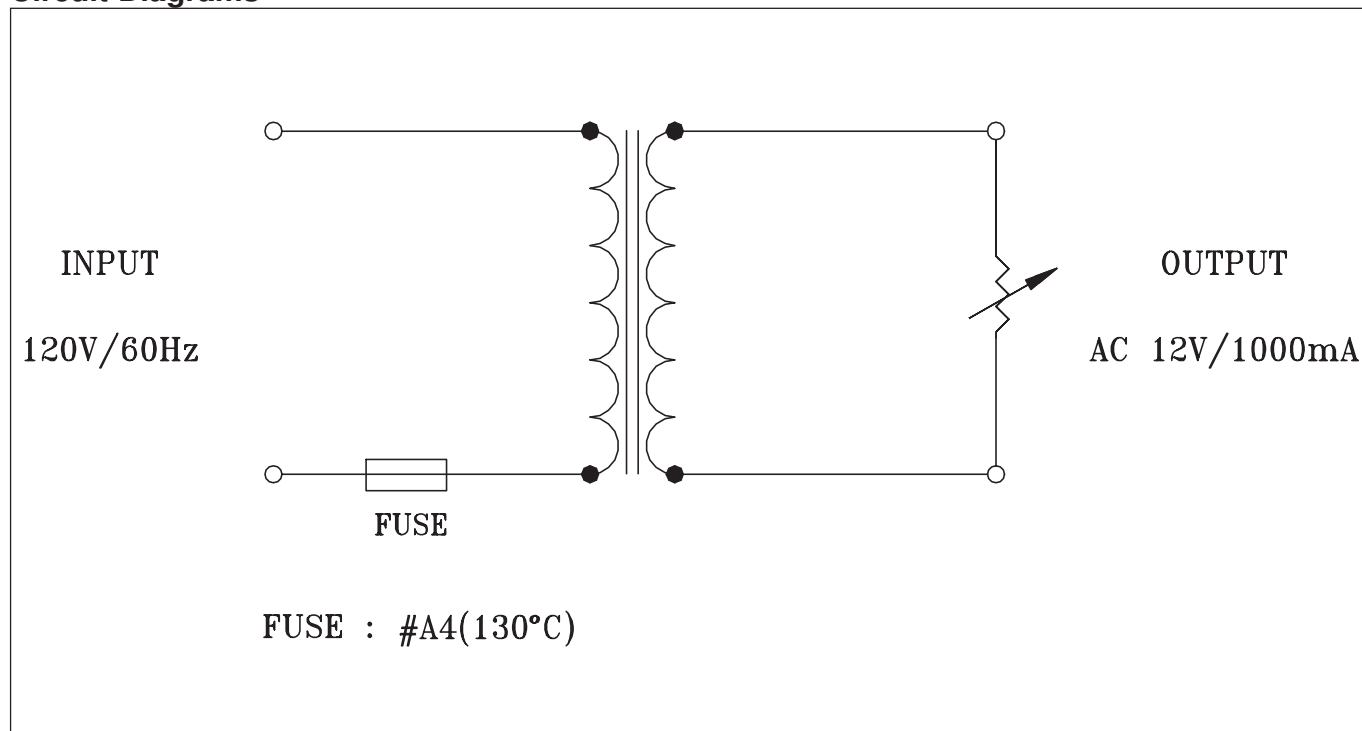
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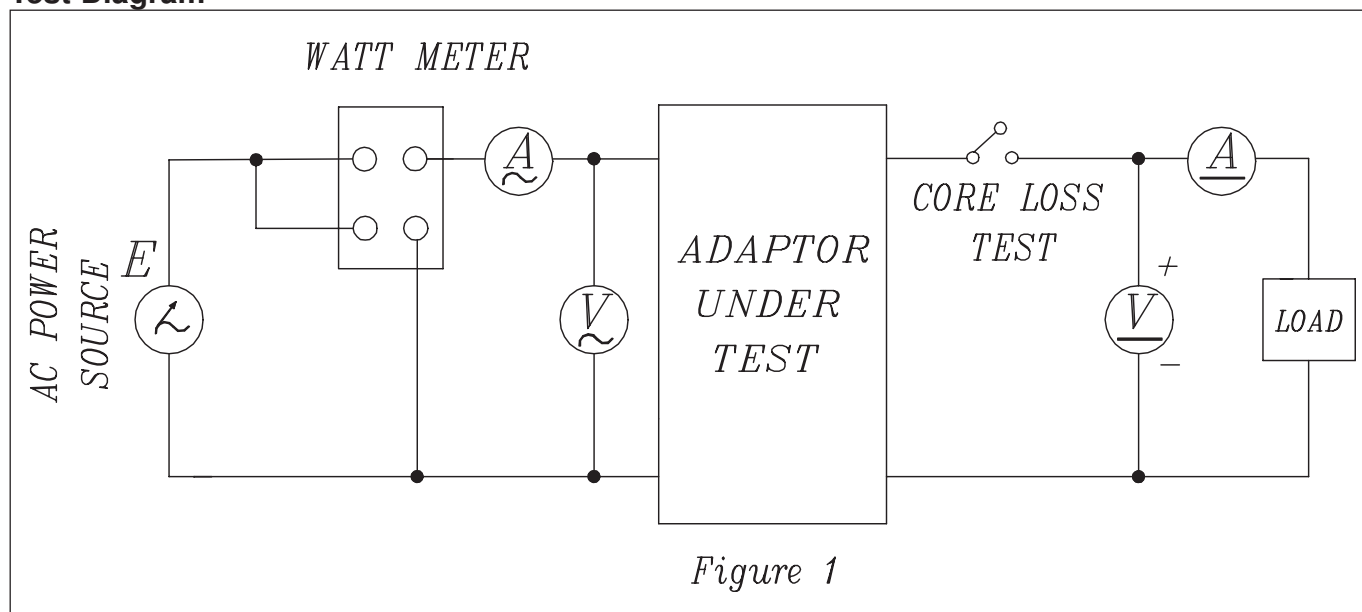
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Page No: 5 of 7

Circuit Diagrams



Test Diagram





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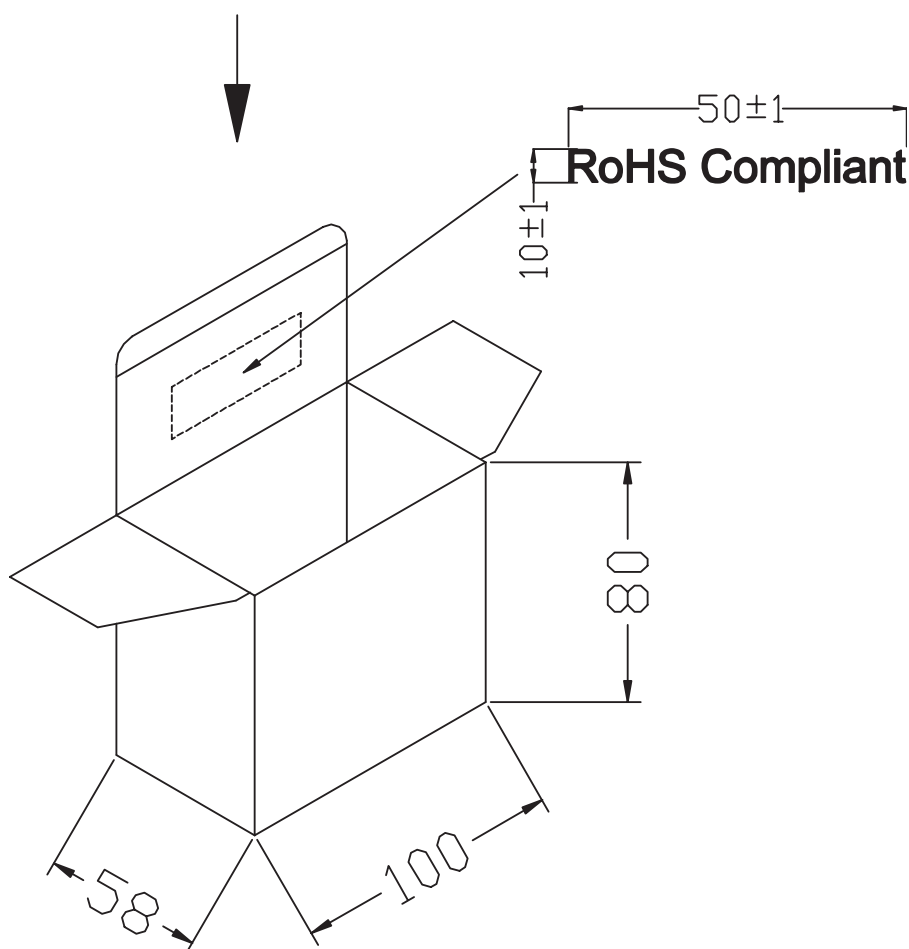
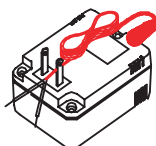
Date: 5/11/2007

Unit: mm

Page No: 6 of 7

Individual Packaging

Tolerance: ± 1





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Page No: 7 of 7

Packaging

Tolerance: +7/-0

OUTSIDE CARTON: A=B(6mm)
INSIDE CARTON: A-B(3mm)
CARTON SIZE: 430x223x269mm
Q'TY: 40pcs(10X4X1)
N.W: 16.8 KGS
G.W: 17.8 KGS
N.W: 18.8 KGS

