

**Specifications**

Output voltage	12 V dc at 800 mA	
Primary rated input	230 V ac 50 Hz 87 mA	
Primary exciting current	70 mA rms max.	
Secondary rated voltage & current	no load voltage (max.)	17.5 V max.
	full load volatge (800 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.	3000 V ac at 2 mA
	from input to output for 1 sec.	3750 V ac at 2 mA
	from primary to seconardy winding for 1 sec.	4500 V ac at 2 mA
	from primary winding to core for 1 sec.	4500 V ac at 2 mA
	from secondary winding to core for 1 sec.	1500 V ac at 2 mA
Safety standard	TUV/GS	
RoHS compliant	yes	
Test conditions	Ambient temp	40°C $\pm$ 2°C
	Humidity	90-95% 96 hours at Full Load
	Rated voltage	8 hours at full load
Color	Case	black
	Cord	black
	Plug top	black



**CUI INC**

Part No: DPD120080E-P5P-SZ

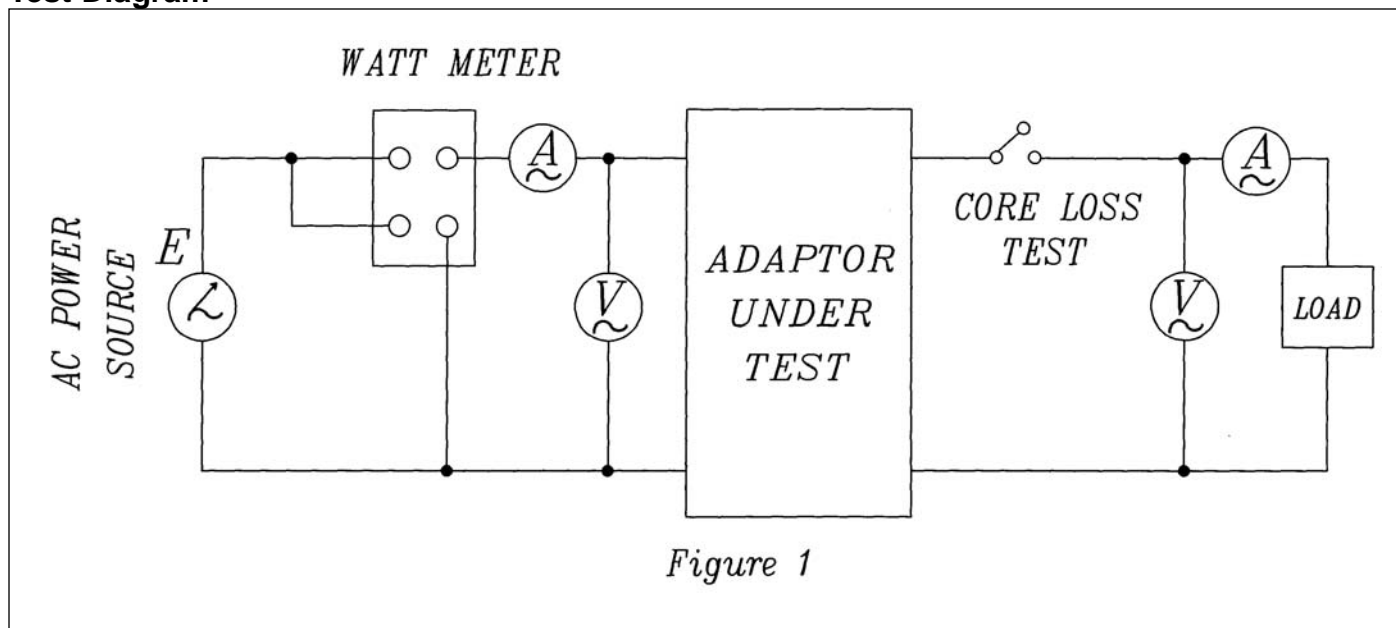
Description: linear power supply

Date: 2/27/2006

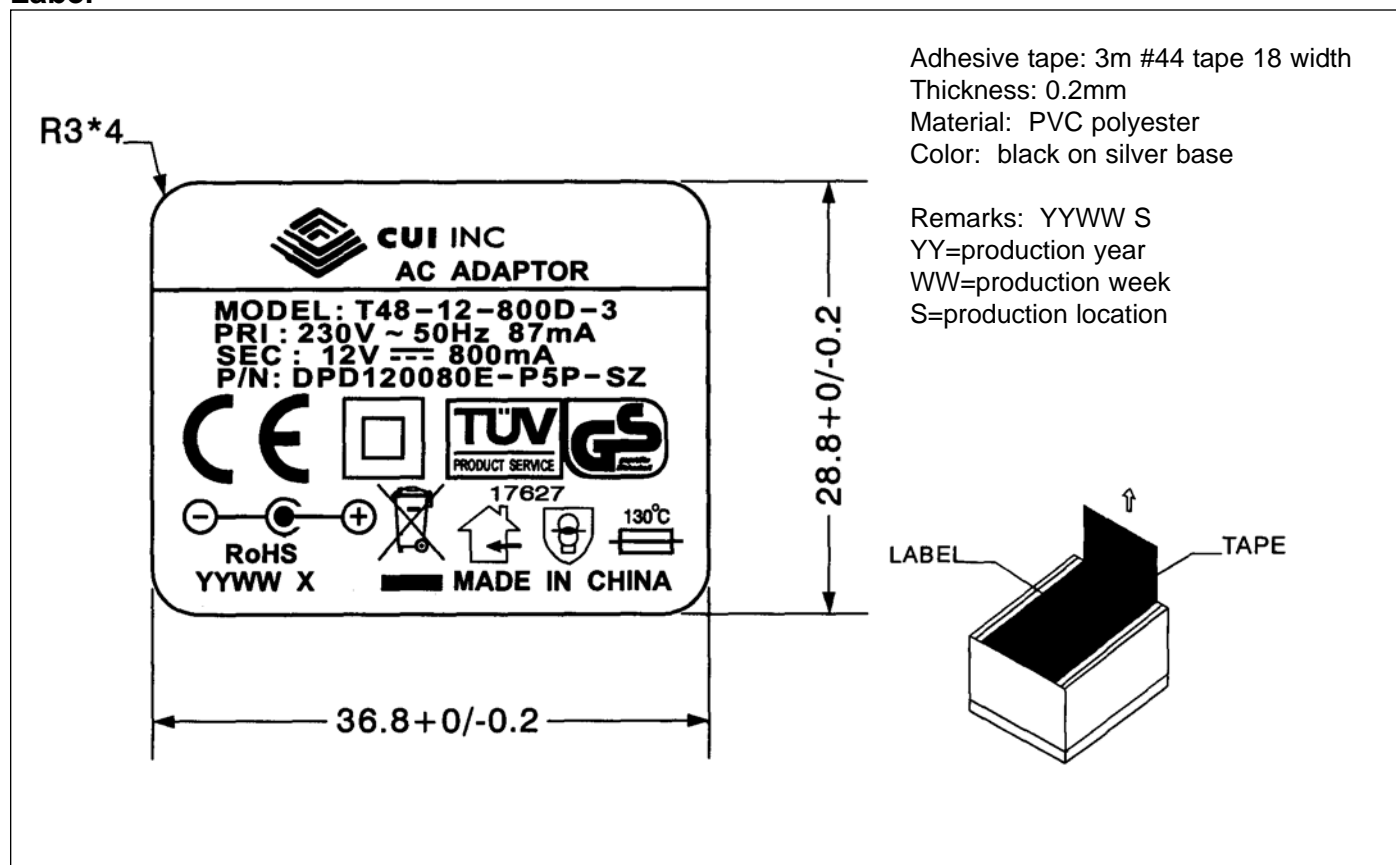
Unit: mm

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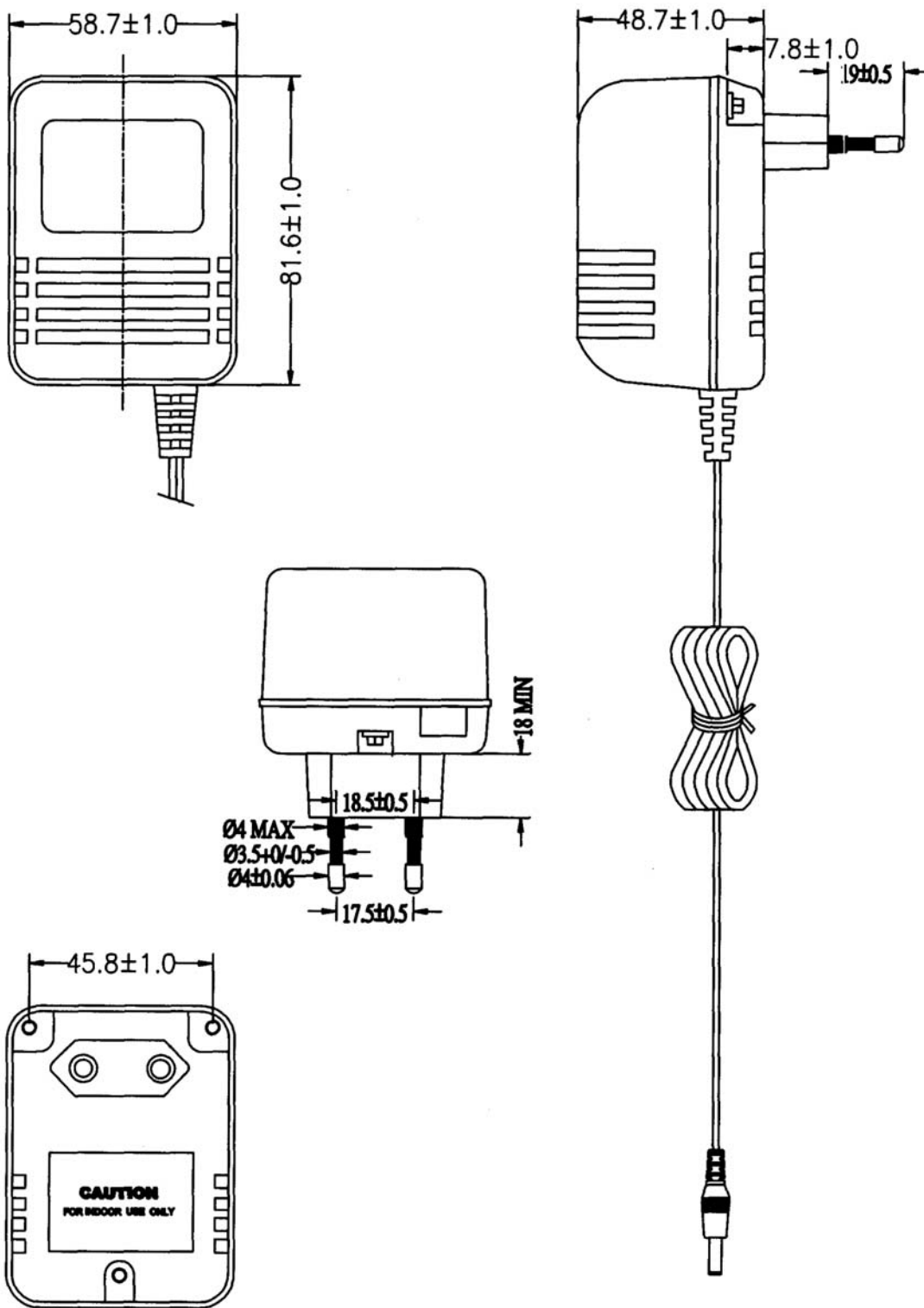
## Test Diagram



## Label



## Mechanical Drawing

Tolerance:  $\pm 1$ 




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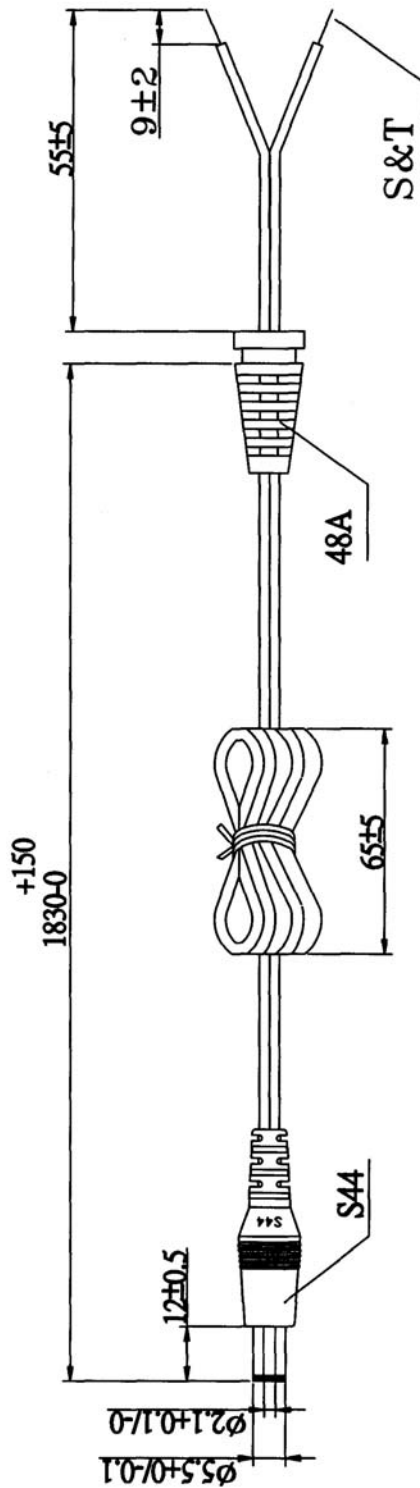
Description: linear power supply

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Unit: mm

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## Cord



#22AWG X2C BLACK/WHITE BLACK WIRE IN OUTER, BLACK/WHITE WIRE IN INNER

WIRE OD:  $\phi 1.8 \times 3.6$  — — — — — +

Parameter request	
VIBRATION TEST	a. 160"
	b. WEIGHT 20%
	c. 40 ROUND/MINUTE
	d. OVER 1000 COUNT MIN



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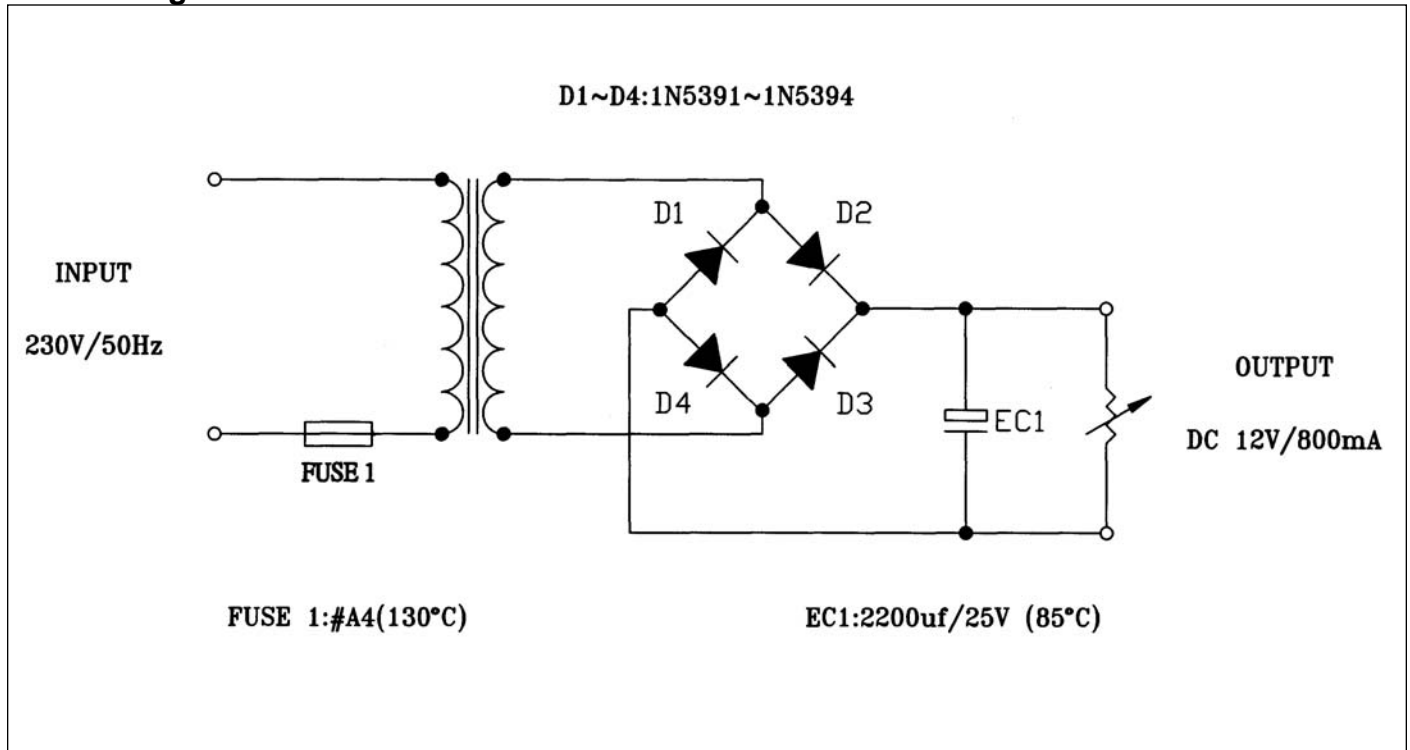
Description: linear power supply

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## Circuit Diagrams





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Description: linear power supply

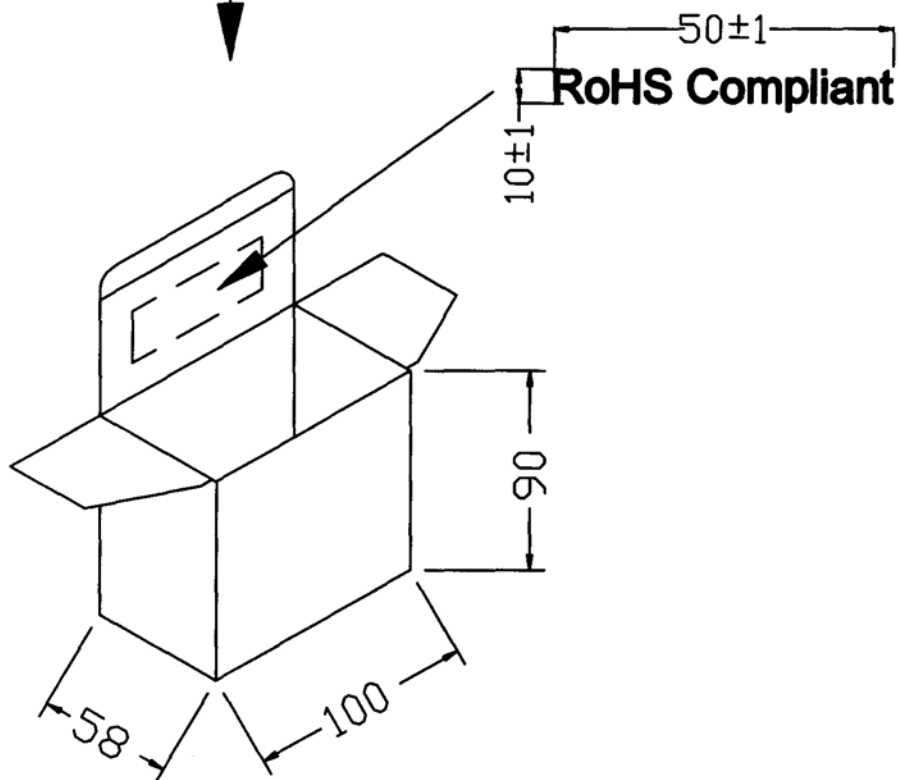
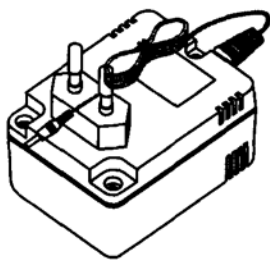
Date: 2/27/2006

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## Packaging

Tolerance:  $\pm 1$





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Description: linear power supply

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Unit: mm

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## Packaging

Tolerance: +7/-0

CARTON MATERIAL:A=B(6mm)

CARTON SIZE: 485X328X149mm

Q'TY: 30pcs(15x2x1)

