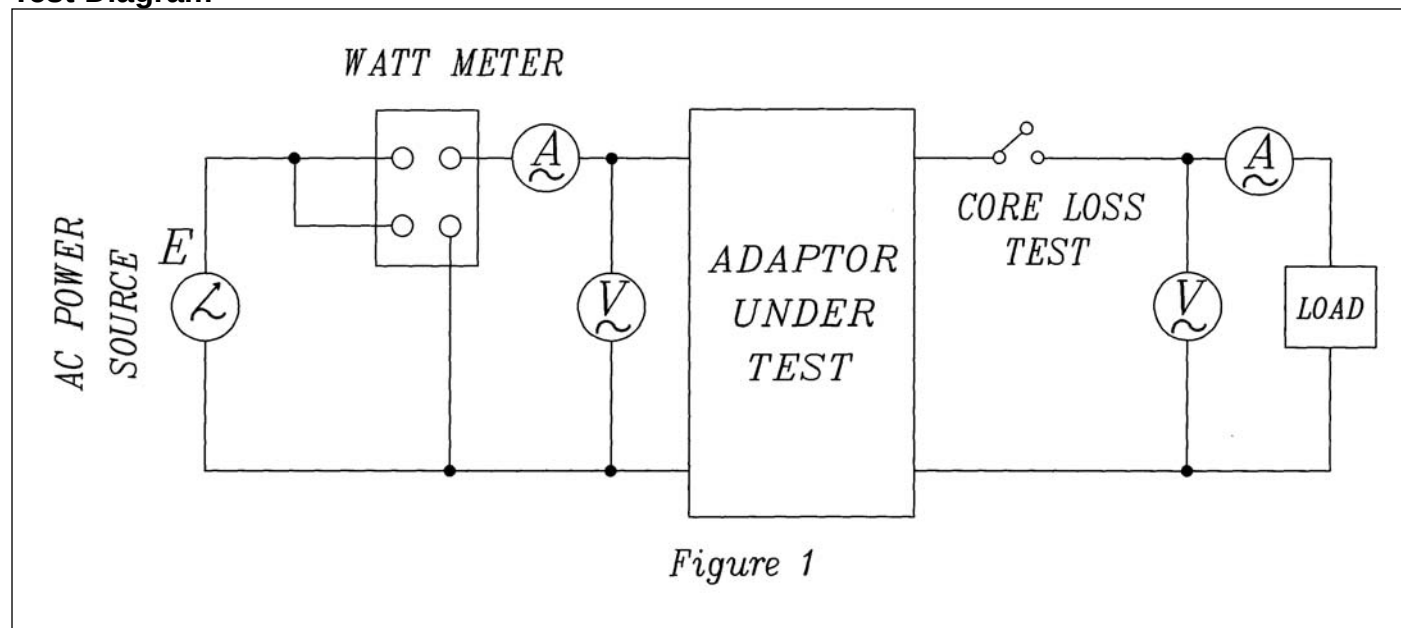


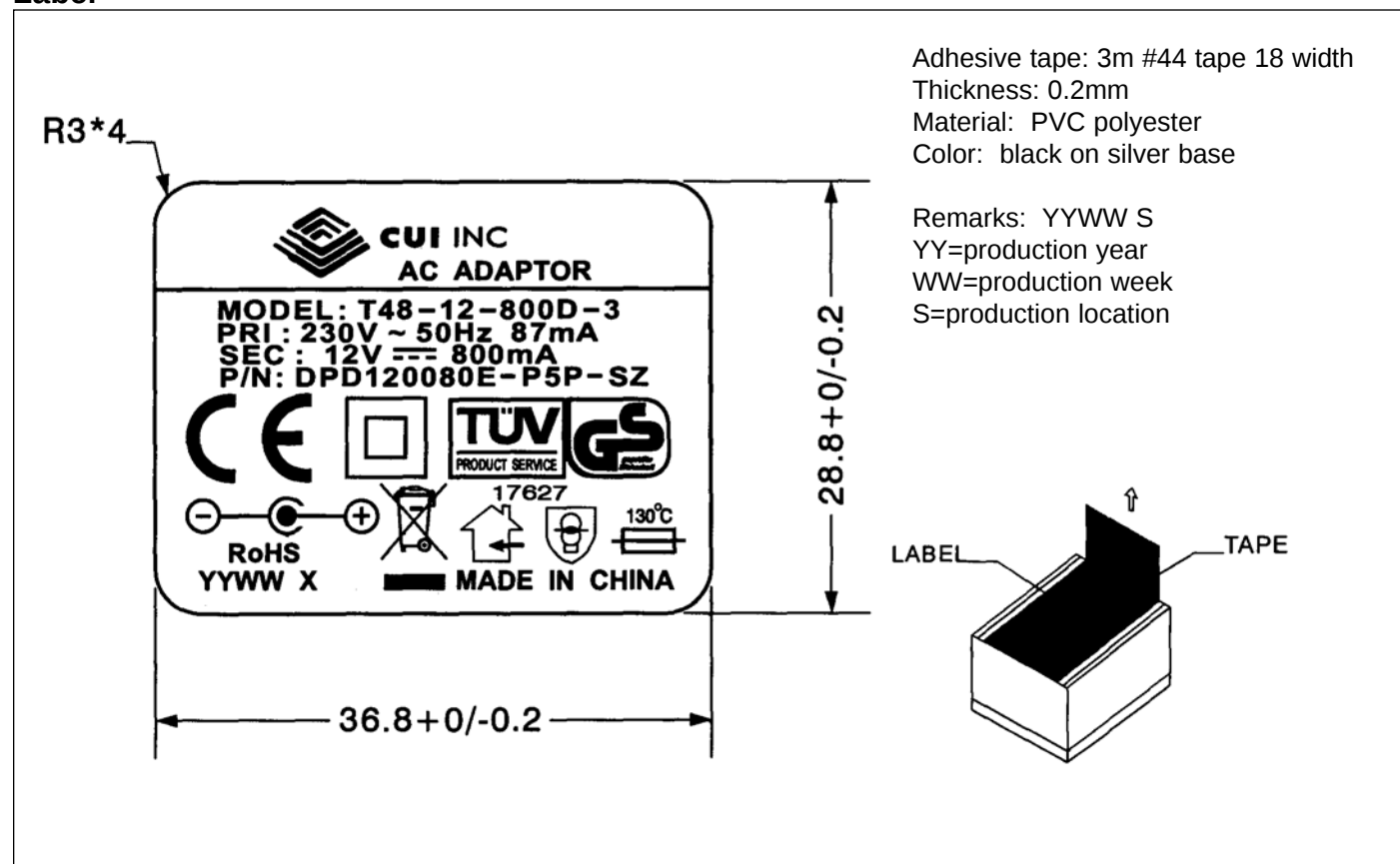
**Specifications**

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

Test Diagram



Label





CUI INC

Part No: DPD120080E-P5P-SZ

Description: linear power supply

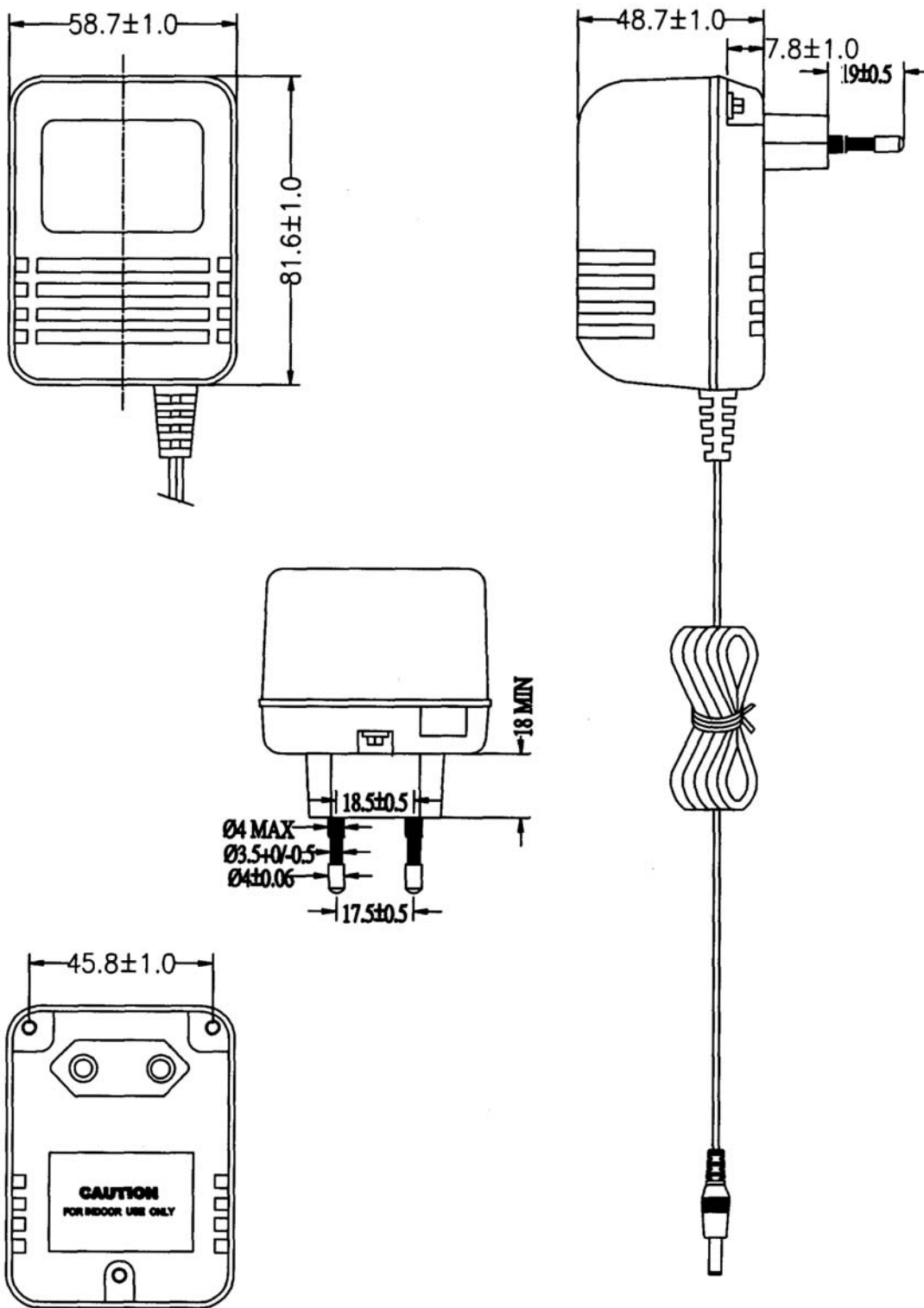
Date: 2/27/2006

Unit: mm

Page No: 3 of 7

Mechanical Drawing

Tolerance: ± 1





Date: 2/27/2006

Description: linear power supply

Page No: 4 of 7

Technical drawing of a cable assembly. The drawing shows a cable with a total length of 1830-0 +150. The cable has a diameter of $\phi 2.1 \pm 0.1/-0$ at the left end and $\phi 5.5 \pm 0/-0.1$ at the right end. The cable is labeled with "S44" and "48A". The cable is shown with a coiled section in the middle, with a length of 65±5. The cable is terminated with a connector labeled "S&T". The drawing also shows a dimension of 12±0.5 for the length of the cable near the left end. The cable is labeled with "S&T" at the right end.

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

WIRE OD: Ø1.8X3.6 - — (+

Parameter request	
VIBRATION TEST	a. 360° b. WEIGHT 200g c. 40 ROUND/MINUTE d. OVER 1000 COUNT MIN



CUI INC

Part No: DPD120080E-P5P-SZ

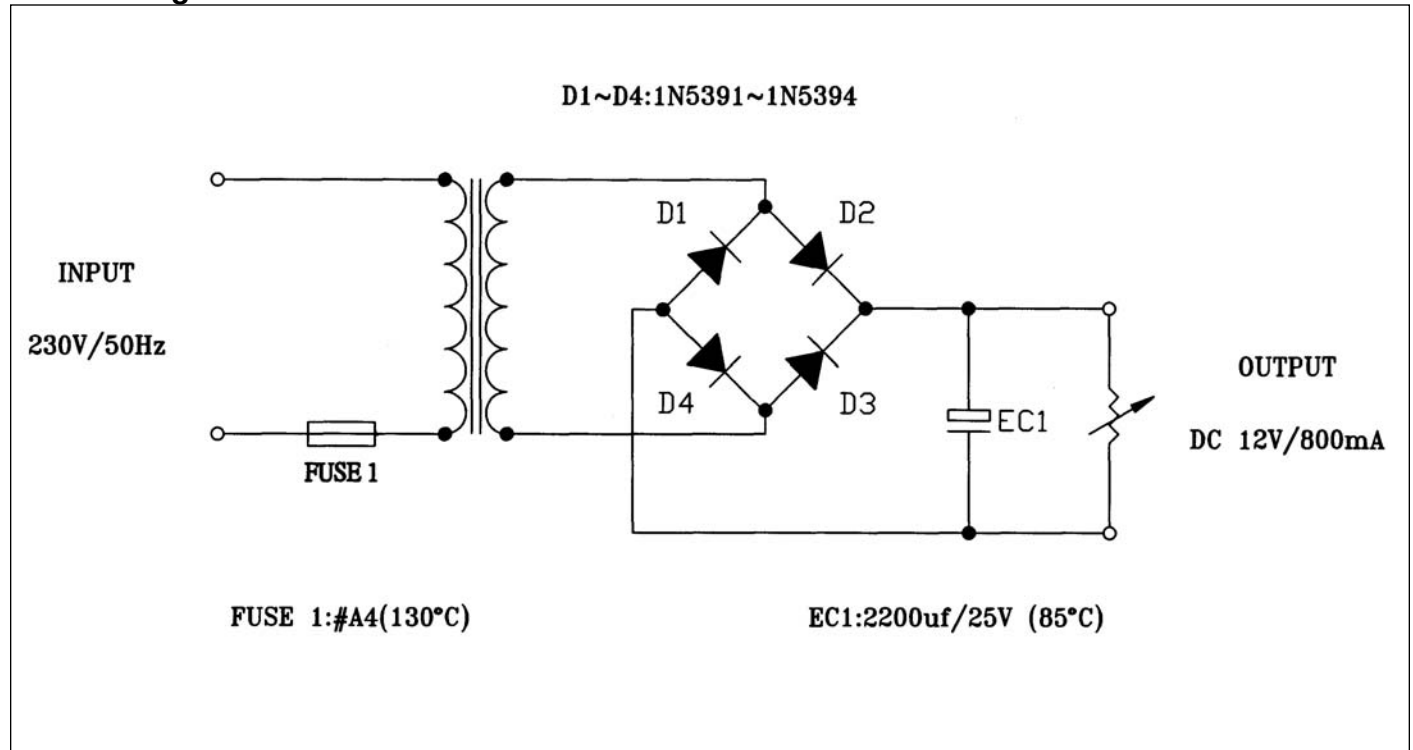
Description: linear power supply

Date: 2/27/2006

Unit: mm

Page No: 5 of 7

Circuit Diagrams





CUI INC

Part No: DPD120080E-P5P-SZ

Description: linear power supply

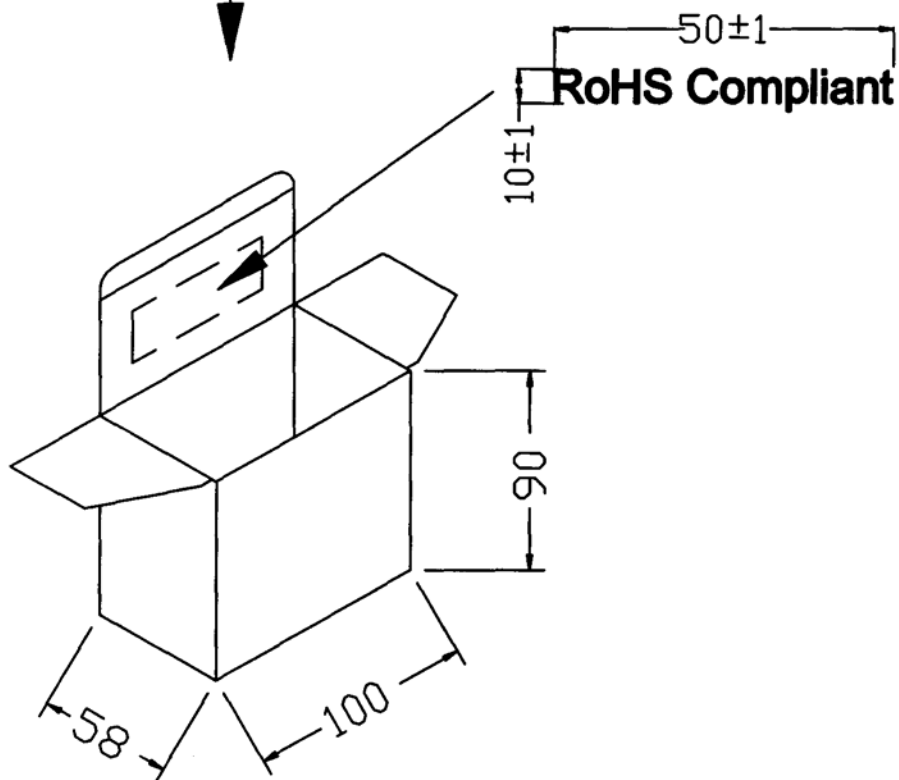
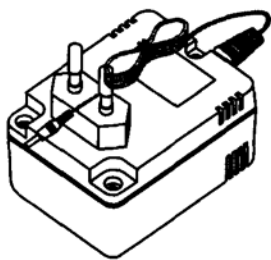
Date: 2/27/2006

Unit: mm

Page No: 6 of 7

Packaging

Tolerance: ± 1





CUI INC

Part No: DPD120080E-P5P-SZ

Description: linear power supply

Date: 2/27/2006

Unit: mm

Page No: 7 of 7

Packaging

Tolerance: +7/-0

CARTON MATERIAL: A=B(6mm)

CARTON SIZE: 485X328X149mm

Q'TY: 30pcs(15x2x1)

