



PART SPECIFICATION

for Approval

Customer: **Digi-Key**

Part # **ETS060450UTC-P5P-SZ**

Description: **switching power supply** 

Quantity: **N/A**

Date: **February 15, 2006**

Prepared by: **Trever Dougan x315**

Number of pages: **7**
(including cover)

* Please sign below & initial each page of the attached specification.

APPROVED BY: _____
(please print)

SIGNATURE: _____

DATE: _____

SPEC SIGN-OFF VERIFIES THAT YOU HAVE TESTED THIS PRODUCT AND THAT IT MEETS YOUR REQUIREMENTS. THESE SPECS REFLECT THE PART AS IT IS TO BE ORDERED. ORDERS WILL NOT BE PROCESSED UNTIL THE SPEC APPROVAL PAGE AND EACH OF THE SPEC PAGES HAVE BEEN SIGNED AND RETURNED TO CUI. THIS SPECIFICATION IS CONFIDENTIAL AND IS NOT TO BE DISTRIBUTED WITHOUT PRIOR APPROVAL FROM CUI INC.



Part No: ETS060450UTC-P5P-SZ

Description: switching power supply

Date: 2/15/2006

Unit: mm

Page No: 2 of 7

Input

Rated input voltage	100 V ~ 240 V ac
Input voltage range	90 V ~ 255 V ac
Rated frequency	50~60 Hz
Frequency range	47~63 Hz
Rated input current	1.2 A RMS max.
Inrush current	50 A max. at 115 / 100 A max. at 230 V ac cool start
Power dissipation	<0.5 W (input: 100 / 240 V ac, output: No Load)

Output

Output voltage	6 V dc at 4.5 A
Output min. current	0 A
Line regulation	± 1%
Load regulation	± 5%
Over voltage protection	7.1 ~ 7.9 V dc max. (output shut down)
Short circuit protection	output shut down and auto restart
Ripple voltage	150 mV (p-p) (100~240 V ac at full load)
Efficiency	Energy Star compliant - level IV

Safety and EMI

HI-POT	input to output	3000 V ac at 10 mA for 1 min.
	input to ground	1500 V dc at 10 mA for 1 min.
Insulation resistance	input to output	> 100 M Ohm at 500 V dc
Safety approvals	UL/cUL, CE, GS	
EMI standard	meets FCC class B, CE, VCCI-II	
RoHS compliant	yes	
Leakage current	3.5 mA	

Environmental

Storage temperature	-10°C ~ +70° C
Operating temperature	0°C ~ +40° C
Storage humidity	10~90%
Operating humidity	20~80%



CUI INC

Part No: ETS060450UTC-P5P-SZ

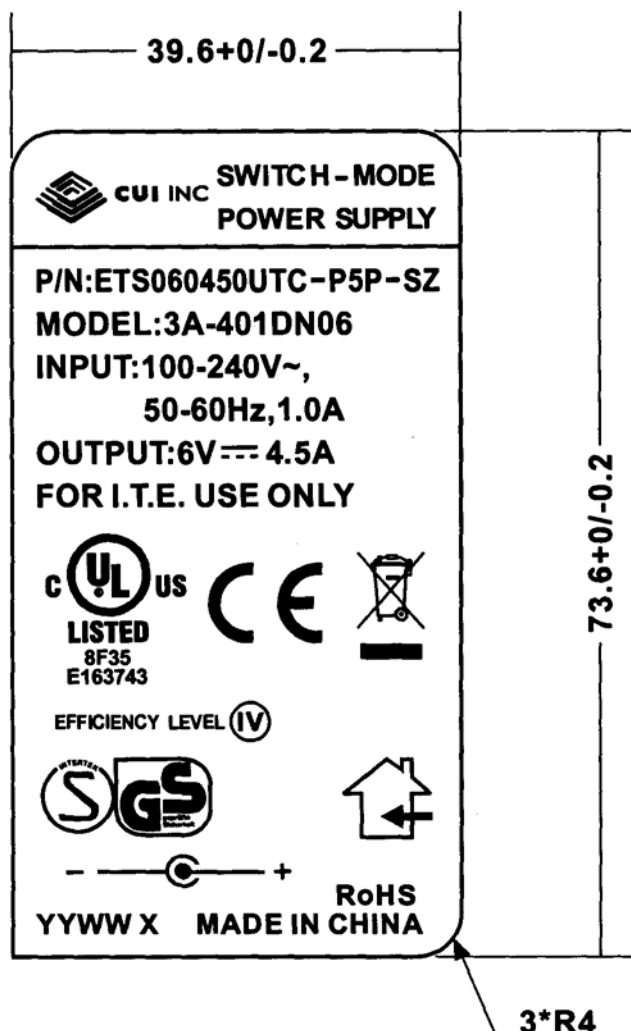
Description: switching power supply

Date: 2/15/2006

Unit: mm

Page No: 3 of 7

Label



Material: metalized polyester
Color: black on silver base

Remarks: YYWW S
YY=production year
WW=production week
S=production location

**CUI INC**

Part No: ETS060450UTC-P5P-SZ

Description: switching power supply

Date: 2/15/2006

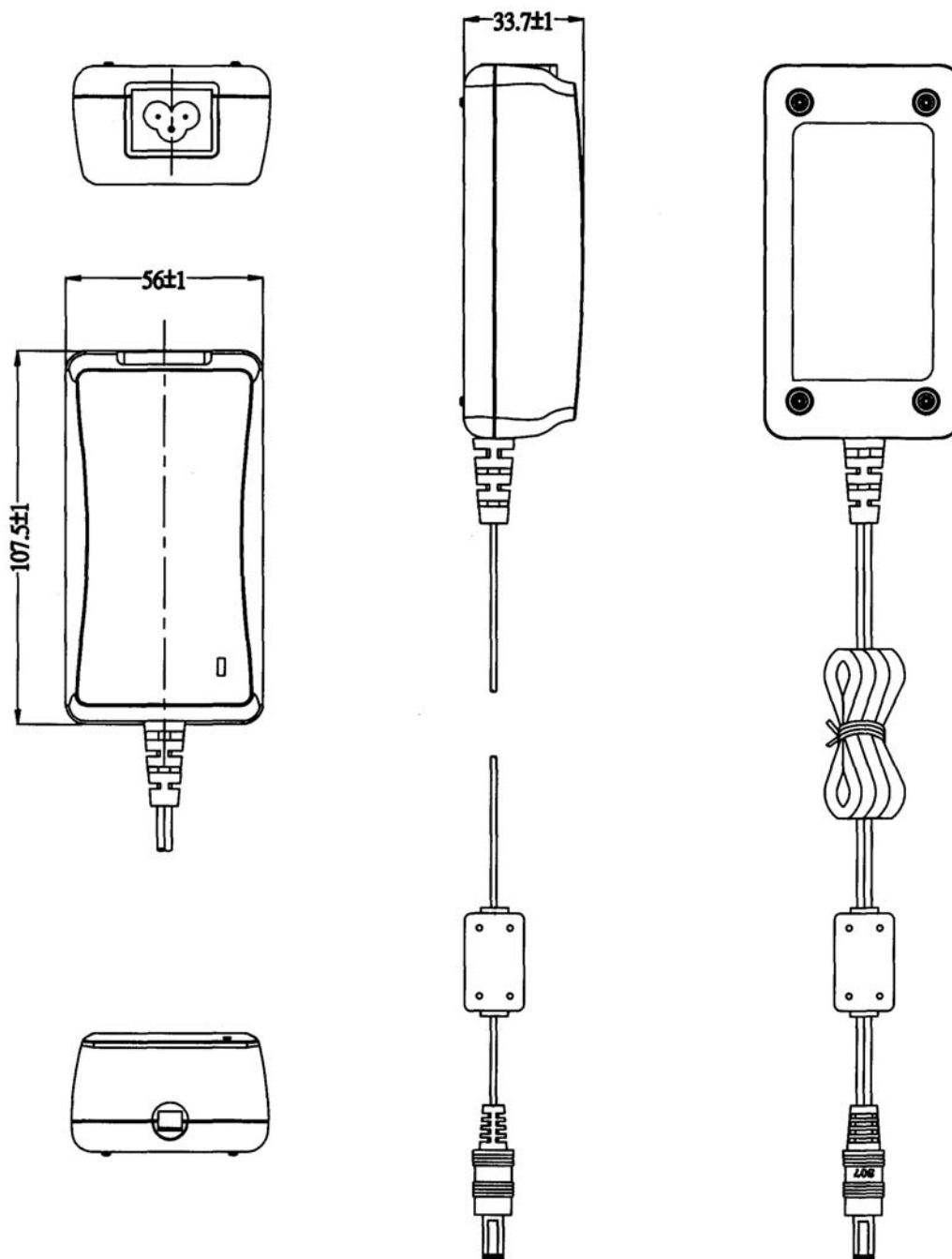
Unit: mm

Page No: 4 of 7

Mechanical Drawing

Tolerance: ± 1

Input plug	SC-14S-2PSV17C 3Pin
Weight	270 g
Case size	107.5 L x 56 W x 33.7 H mm





CUI INC

Part No: ETS060450UTC-P5P-SZ

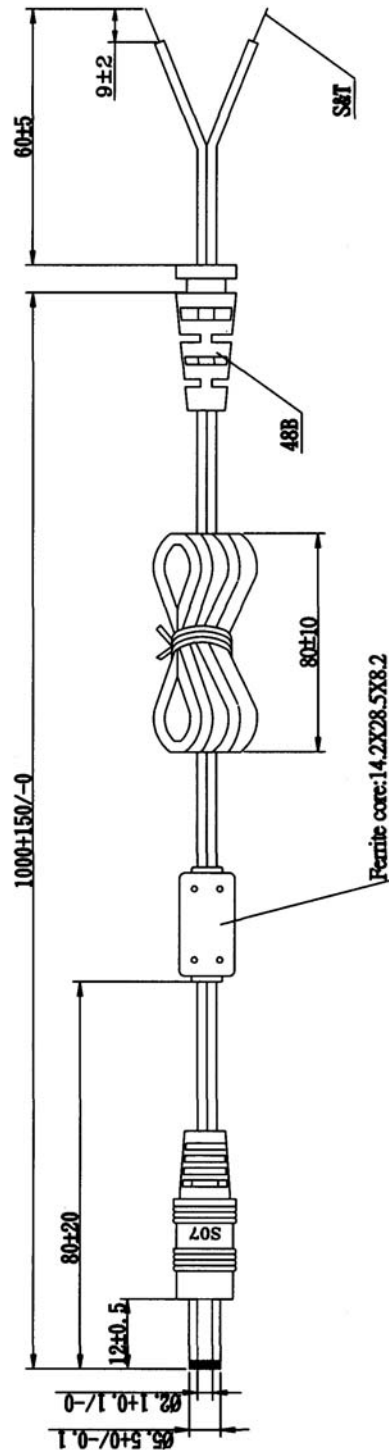
Description: switching power supply

Date: 2/15/2006

Unit: mm

Page No: 5 of 7

Cord



#18AWG X2C SPT-1 HAVE ON WORD WIRE IN OUTER, NO WORD WIRE IN INNER

Wire OD: Ø2.7X5.4



VIBRATION TEST	a. 160' b. WEIGHT 200g c. 40 ROUND/MINUTE d. OVER 1000 COUNT MIN
-------------------	---



CUI INC

Part No: ETS060450UTC-P5P-SZ

Description: switching power supply

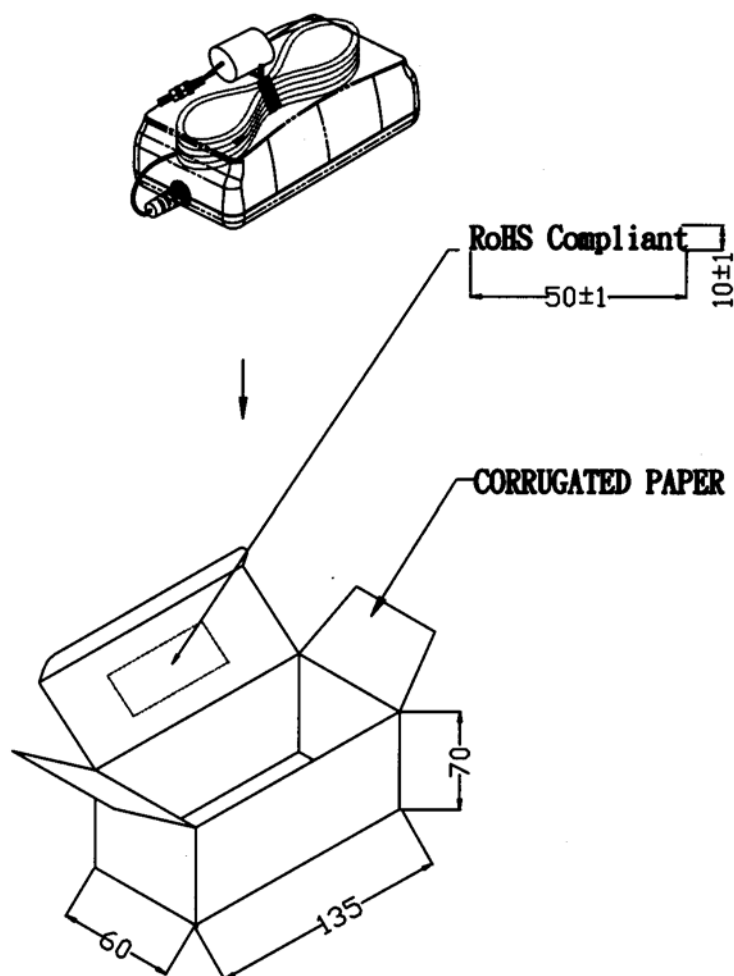
Date: 2/15/2006

Unit: mm

Page No: 6 of 7

Packaging

Tolerance: ± 1





CUI INC

Part No: ETS060450UTC-P5P-SZ

Description: switching power supply

Date: 2/15/2006

Unit: mm

Page No: 7 of 7

Packaging

Tolerance: +7/-0

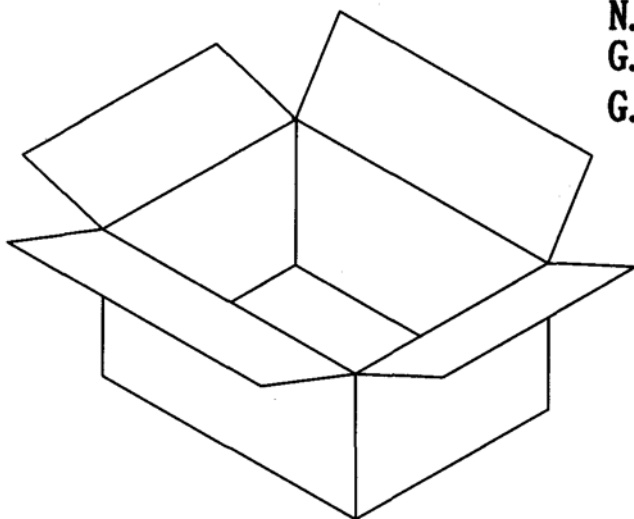
CARTON SIZE: 430X327X315mm

Q'TY: 60pcs(15x4)

N.W: 16.2 KGS

G.W: 16.7 KGS

G.W: 17.4 KGS



"RoHS Compliant"

