



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.

**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% |



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Part No: ETS060450UTC-P5P-SZ

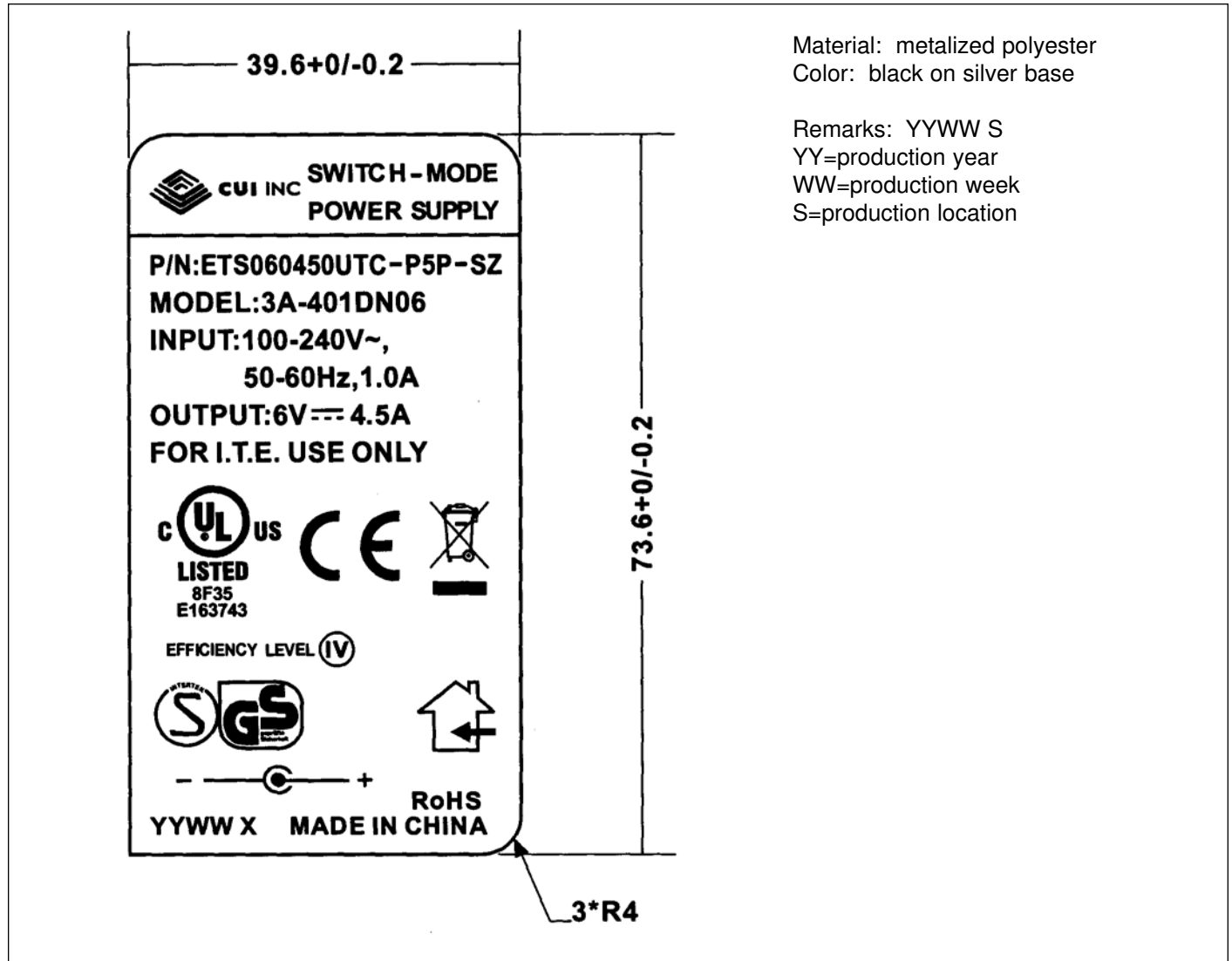
Date: 2/15/2006

Unit: mm

Description: switching power supply

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Label

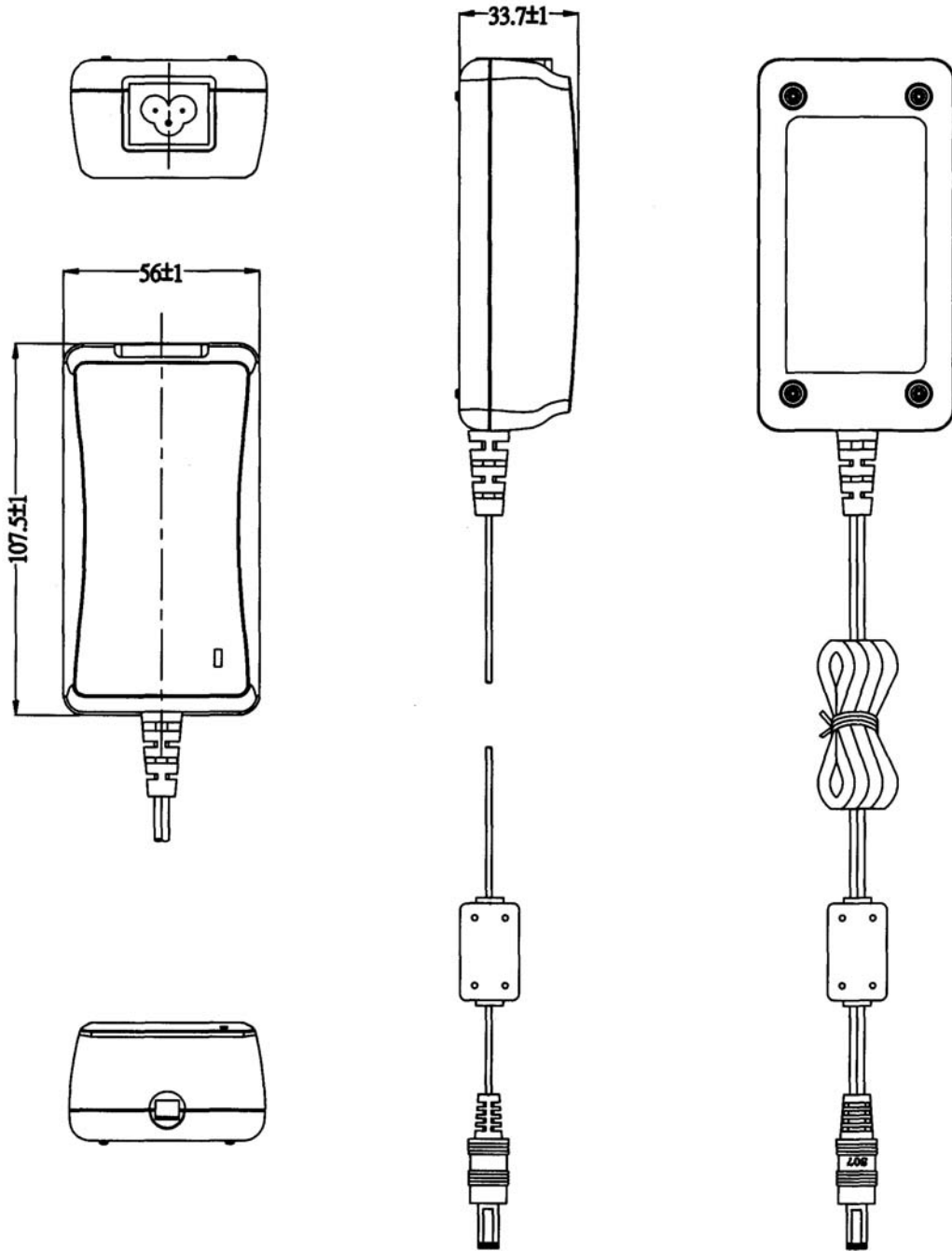




Mechanical Drawing

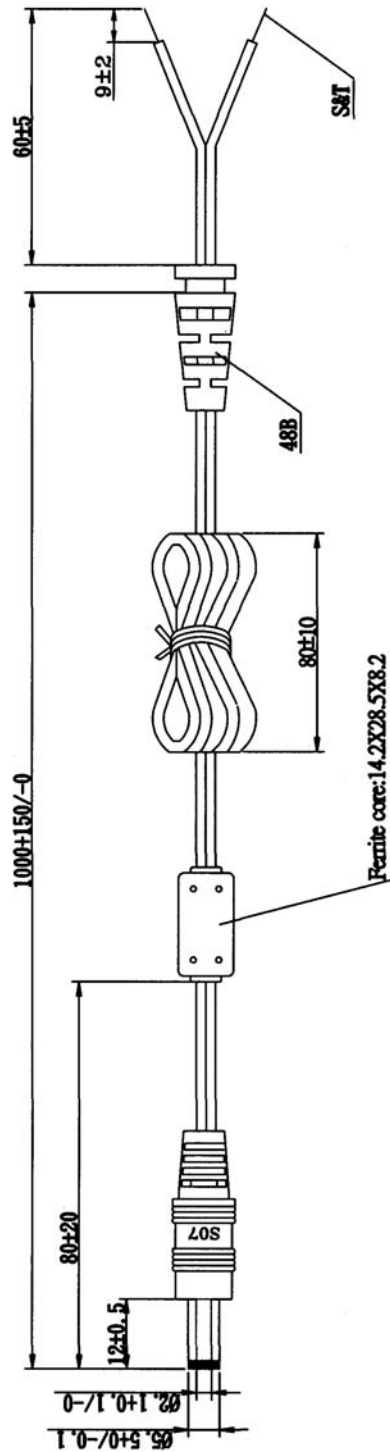
Tolerance: ± 1

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





Cord



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

Wire OD: Ø2.7X5.4

| | |
|-------------------|-------------------------|
| VIBRATION TEST | a. 360° |
| | b. WEIGHT 20g |
| | c. 40 ROUND/MINUTE |
| | d. OVER 1000 COUNT/ MIN |



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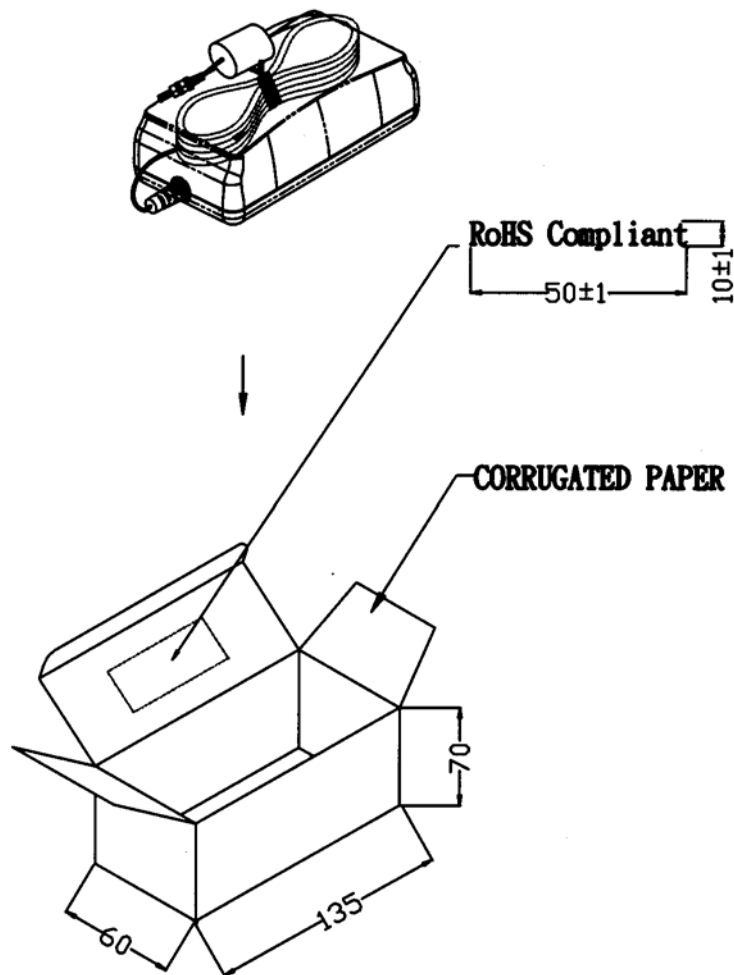
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Packaging

Tolerance: ± 1





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Packaging

Tolerance: +7/-0

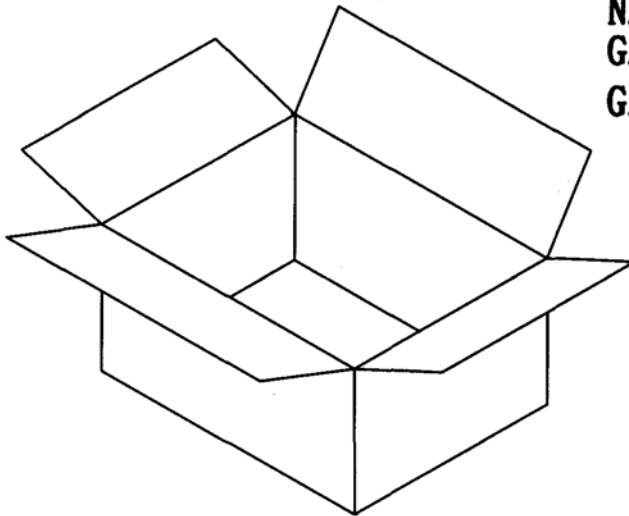
CARTON SIZE: 430X327X315mm

Q'TY: 60pcs(15x4)

N.W: 16.2 KGS

G.W: 16.7 KGS

G.W: 17.4 KGS



"RoHS Compliant"

