



Distributor of CUI Inc.: Excellent Integrated System Limited

Datasheet of EPS240100U-P5P-KH - AC/DC WALL MOUNT ADAPTER 24V 24W

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

Excellent Integrated System Limited

Stocking Distributor

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[EPS240100U-P5P-KH](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



Part No: EPS240100U-P5P-KH

Date: 9/21/2006

Description: switching power supply

Unit: mm

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Input

| | |
|---------------------------|------------------|
| Rated input voltage | 100 V ~ 240 V ac |
| Input voltage range | 90 V ~ 264 V ac |
| Rated frequency | 50~60 Hz |
| Frequency range | 47~63 Hz |
| Rated input current | 800 mA max. |
| Inrush current | 50 A max. |
| No load power consumption | 0.5 W max. |

Output

| | |
|--------------------------|---|
| Output voltage | 24 V dc at 1.0 A |
| Output min. current | 0 A |
| Line regulation | ± 2% max. |
| Load regulation | ± 5% |
| Over current protection | auto recovery |
| Short circuit protection | auto recovery |
| Ripple voltage | 240 mV max. (at 20 MHz bandwidth with 22µF/50V capacitance and 104/50V ceramic capacitor) |
| Efficiency | Energy Star Compliant - level IV |

Safety and EMI

| | | |
|-----------------------|---------------------|---------------------------------|
| HI-POT | input to output | 3000 V ac at 4 mA for 2 seconds |
| | input to case | 3000 V ac at 4 mA for 2 seconds |
| Insulation resistance | input to output | 50 M Ohm at 500 V dc |
| Safety approvals | UL/cUL | |
| EMI standard | FCC part 15 class B | |
| RoHS compliant | yes | |
| Leakage current | 0.25 mA | |

Environmental

| | |
|-----------------------|----------------|
| Storage temperature | -20°C ~ +70° C |
| Operating temperature | 0°C ~ +40° C |
| Storage humidity | 10~95% |
| Operating humidity | 10~95% |



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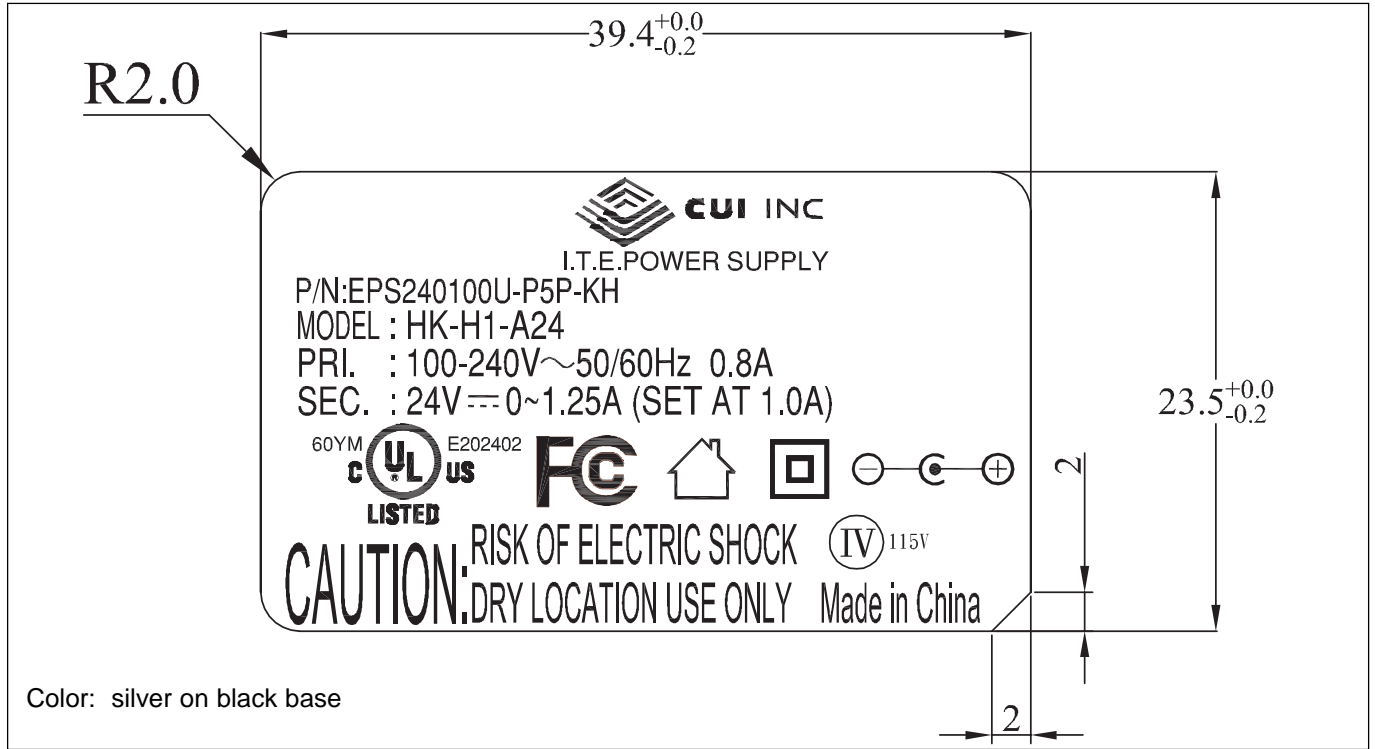
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Label



Color: silver on black base



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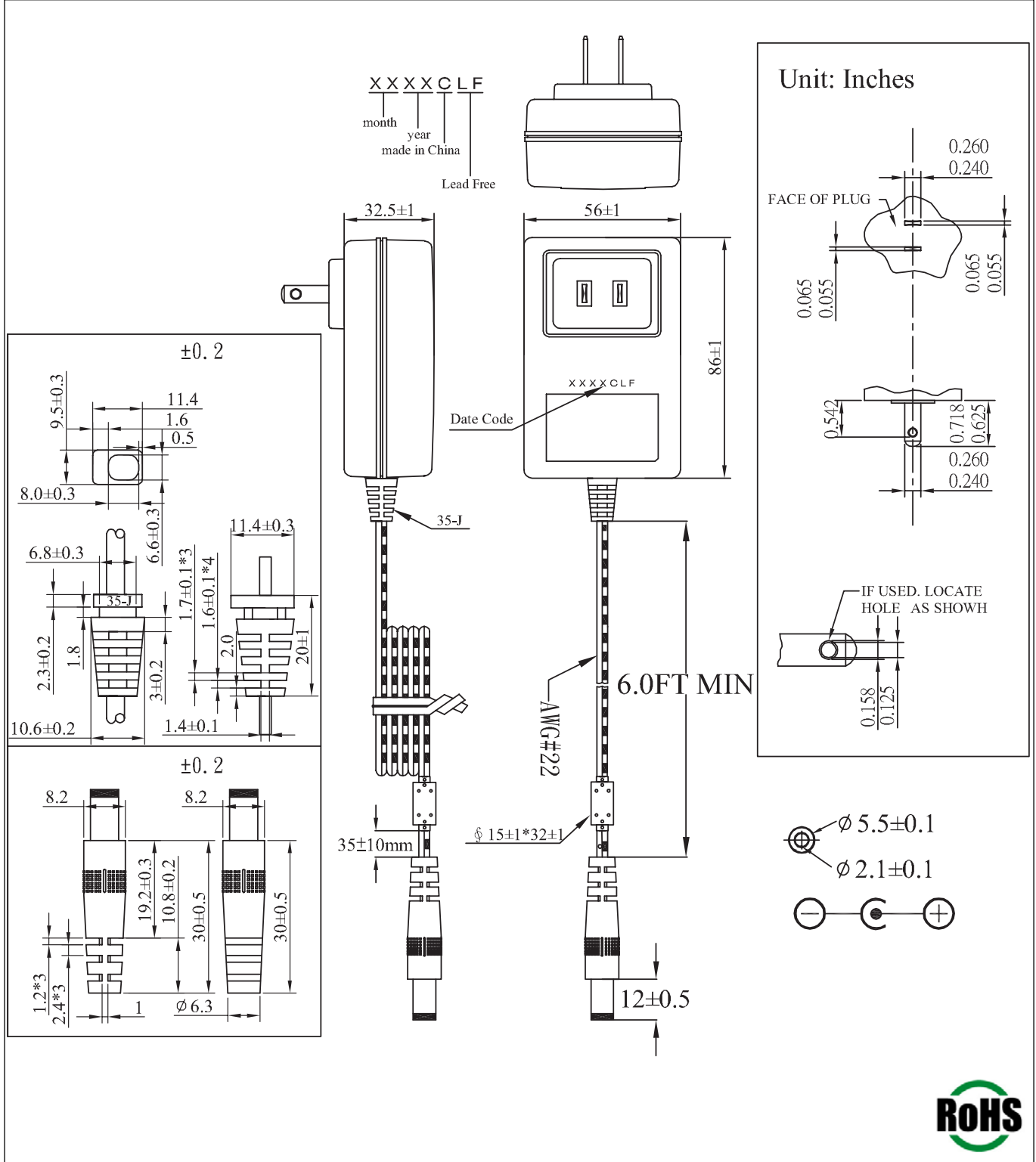
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Mechanical Drawing





Part No: EPS240100U-P5P-KH

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Individual Packaging

Inner Box

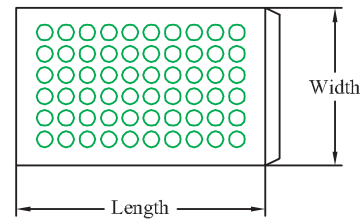
UNIT: mm

Bubble bag only used for samples, not for finished products.

BUBBLE BAG

Length : 160

Width : 150

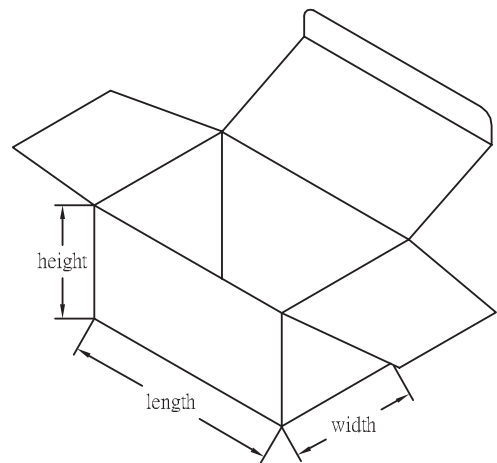


BOX

Length:103

Width:68

Height:58





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Packaging

