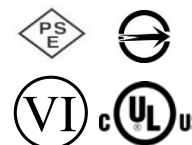




## 5W Compact Fixed Blade Power Adapter (North America)



### Features

- Fixed Blade
- Halogen Free
- Level VI Compliant
- Low Cost
- No Load Power Draw <0.03W
- Low Profile

### Applications

- Smart Phones
- PDAs
- Personal Electronics
- Digital Cameras

### Safety Approvals

- cUL/UL60950-1
- cUL/UL62368-1
- PSE
- BSMI
- CB

### Mechanical Characteristics

- Length: 42mm (1.65in)
- Width: 43mm (1.65in)
- Height: 21.0mm (0.87in)

### Output Specifications

Model	DC Output Voltage	Load		Ripple <sup>1</sup> P-P (Max)	Regulation		Case Color
		Min.	Max.		Line	Load	
PSA05A-050QL6-H	5V	0A	1A	200mV	±5%		Black
PSA05A-050QL6W-H	5V	0A	1A	200mV	±5%		White

Notes: (1) Measured after 10 minutes with by-pass capacitors 0.1uF / 10uF at output connector terminal and oscilloscope set at 20MHz.

**INPUT:****AC Input Voltage Rating**

100 to 240VAC

**AC Input Voltage Range**

90 to 264VAC

**AC Input Current**

0.15A(RMS) max.

**Leakage Current**5 $\mu$ A maximum**Input Power Saving**

&lt;30mW @115VAC/230VAC

**OUTPUT:****Power**

5W Continuous

**Efficiency**

DOE Level VI

**ENVIRONMENTAL:****Temperature**

Operation	0 to +40°C
Non-operation	-40 to +85°C
Humidity	90%

**Immunity**

ESD:	EN61000-4-2. Level 3
Surge:	EN61000-4-5. Level 3

**Emissions**

Complies with FCC Class B

Complies with EN55032 Class B

**Dielectric Withstand (Hi-pot) Test**

Primary to Secondary: 3000VAC, 10mA for 1 minute. Primry to Secondary: 3300VAC, 10mA, 3 seconds for production line test

**Insulation Resistance**

Primary to Secondary: 10M ohm 500VDC

**FEATURES****Short Circuit Protection**

Auto-restart

**Over Voltage Protection**

5.5V ~ 7V

**Over Current Protection**

105% ~140% @ CC mode

**MTBF**

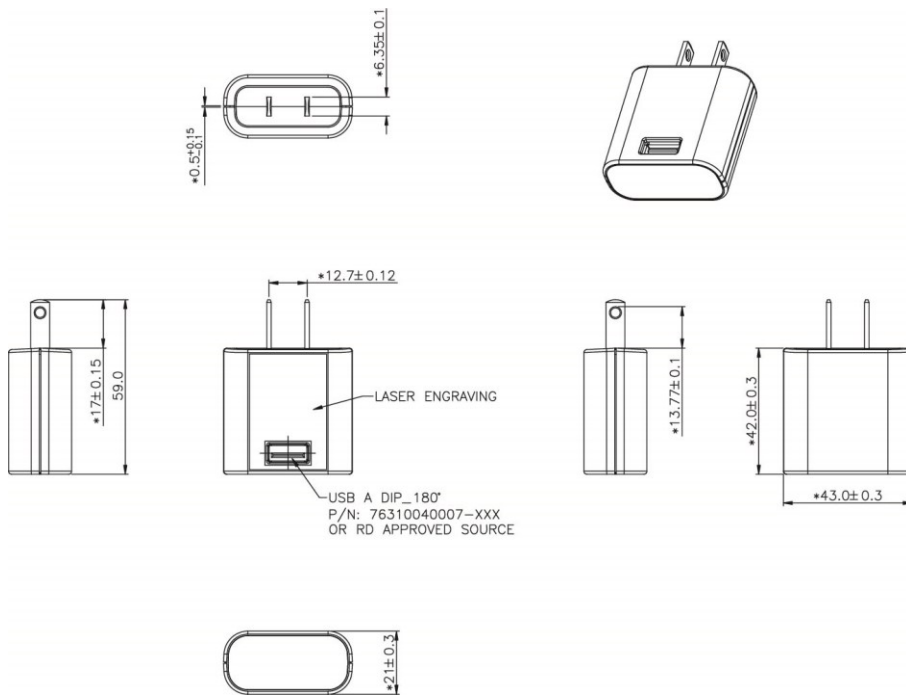
100K hours min(MIL-HDBK-217F) at 120VAC, max load(measured at ambient 25°C)

**DC Output Connector**

USB A

# PSA05A-050QL6-H Outline

Dimension Diagram Unit: mm



**Supplier's Declaration of Conformity**  
**47 CFR § 2.1077 Compliance Information**

Phihong USA Corporation  
47800 Fremont Boulevard  
Fremont, CA 94538  
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[www.phihong.com](http://www.phihong.com)

NOTE: This model has/The models in this products series have been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to equipment not expressly approved by PHIHONG could void the user's authority to operate the equipment.

# Mouser Electronics

Authorized Distributor

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Phihong:

[PSA05A-050QL6A](#) [PSA05A-050QL6W](#)