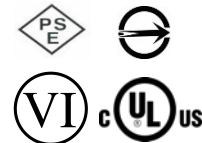




5W Compact Fixed Blade Power Adapter (North America)



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 ¹ 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 μ A maximum

Input Power Saving
<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. Primary 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

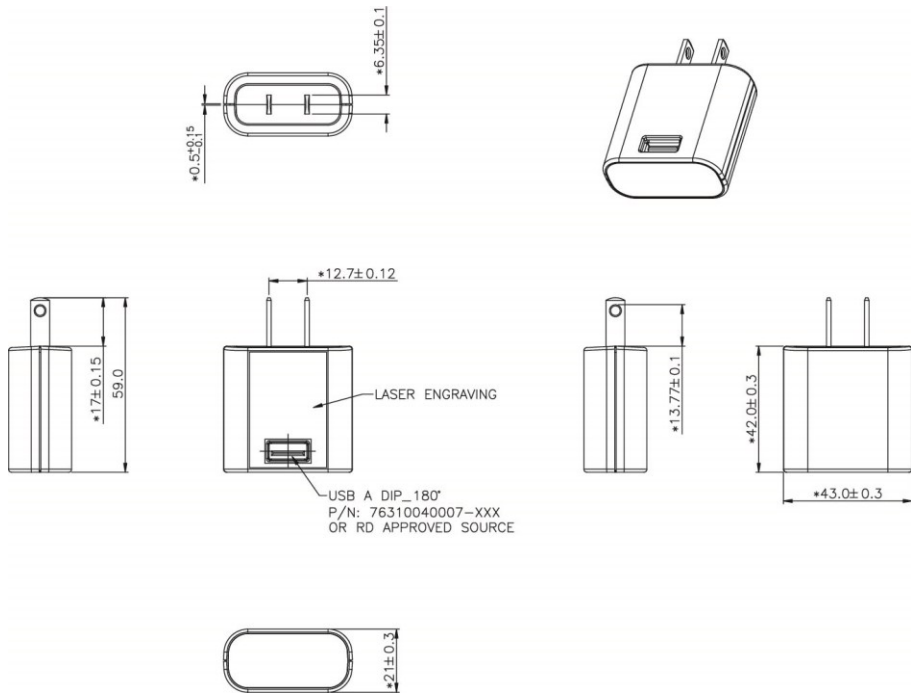
MTBF

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
Telephone: (510) 445-0100
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.

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