



5W Compact Fixed Blade Power Adapter (North America)



Features

- Fixed Blade
- Halogen Free
- Level VI Compliant
- Low Cost
- Low Profile

Applications

- Smart Phones
- PDAs
- Personal Electronics
- Digital Cameras

Safety Approvals

- UL/cUL 60950-1
- NRCan
- PSE
- IEC60950-1

Mechanical Characteristics

- Length: 39.5mm (1.56in)
- Width: 33.5mm (1.32in)
- Height: 20.8mm (0.82in)
- Weight: 25g (.88oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple ¹ P-P (Max)	Regulation		Case Color
		Min.	Max.		Line	Load	
PSAA05A-050QL6-R	5V	0A	1A	200mV	±5%		Black

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 Frequency
47 to 63Hz

Input Current
0.2A(RMS) max at 115VAC
0.15A (RMS) max at 230VAC

Leakage Current
.025mA maximum

OUTPUT:

Efficiency²
DOE Level VI
COC Tier 2

No-Load Power Saving
<75mW

Hold-up Time
10mS min. @115VAC/230VAC and max. load

Short Circuit Protection
Auto-restart

Over-voltage Protection
<7.5V peak, auto restart

Over Current Protection

1.5A max@AC90V~264V

ENVIRONMENTAL:**Temperature**

Operation -10 to +45°C
Non-operation -40 to +70°C
Humidity 5 to 95%

Immunity

ESD: EN61000-4-2, Level 3
RS: EN61000-4-3, Criteria A
CS: EN61000-4-3, Criteria A
EFT: EN61000-4-4, Criteria B
Surge: EN61000-4-5, Level 3, Criteria B
Radio Frequency Fields EN61000 4-6
DIP: EN61000-4-11
RSE: EN 301511

Emissions

Complies with FCC Part 15 Class B
Complies with EN55022 Class B
ANSI C63.4 Class B
VCCI Class II

Dielectric Withstand (Hi-pot) Test

Primary to Secondary: 3000VAC, 10mA for 1 min

Insulation Resistance

Primary to Secondary: 10M ohm 500VDC

MTBF

100K hours min at 230VAC, max load(25°C)

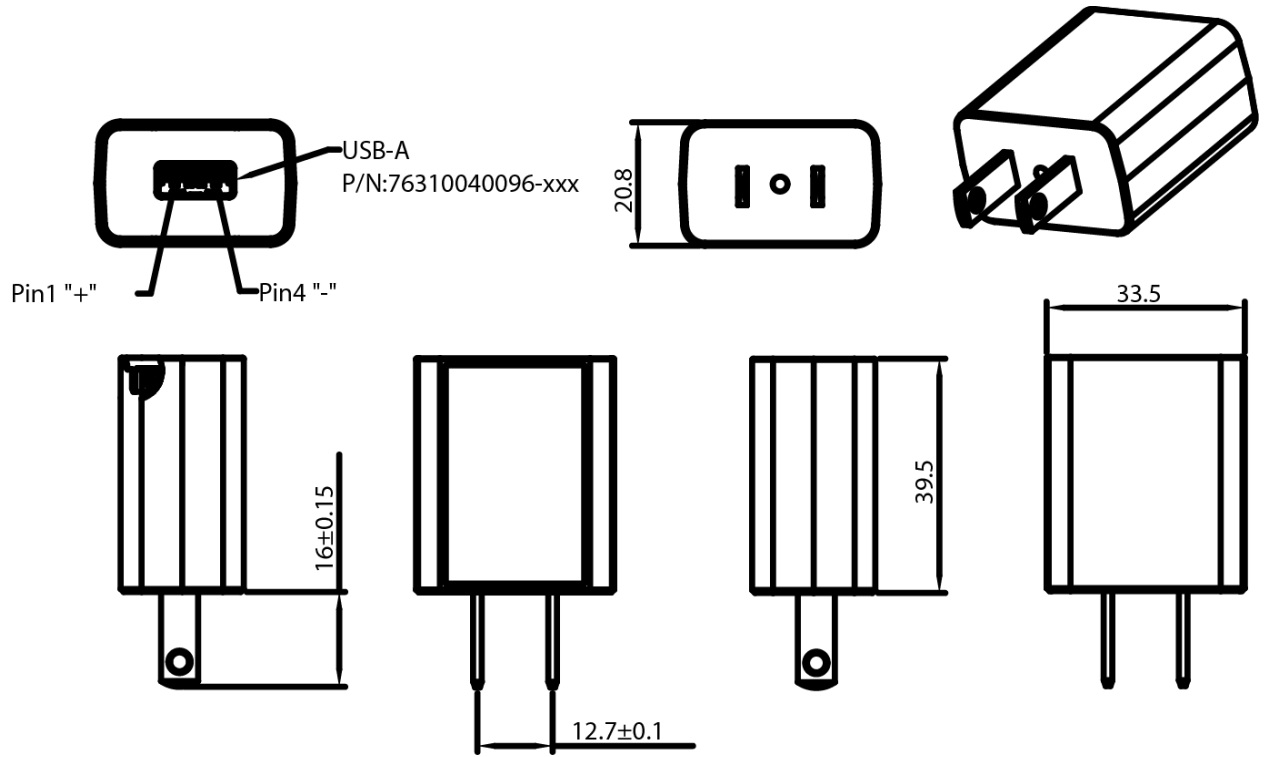
Output Connector

USB CONN, 4PIN
D+ D- shorted, compliant to USB BC1.2

Notes:

1. The characteristics defined are at ambient temperature of 25°C unless otherwise specified
2. Efficiency is measured after 30 minutes burn-in

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 product 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.