



**5W Low Cost Linear Eliminator
PSAC05 Adapters Meets Level VI Requirements**



Features

- Double Insulated
- Efficiency Level VI Compliance
- Small Package Size
- Low Leakage Current
- Low Cost
- Class B EMI

Applications

- MPEG Players
- PDAs
- Personal Electronics
- Digital Cameras

Safety Approvals

- CB
- UL/cUL

Mechanical Characteristics

- Length: 66.5mm (2.62in)
- Width: 28.0mm (1.10in)
- Height: 39.0mm (1.54in)
- Weight: 85g (3oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple ⁽¹⁾ P-P (max.)	Regulation Line & Load
		Min.	Max.		
PSAC05A-050L6-R	5.0V	0A	1A	150mV	±5%
PSAC05A-050L6M-R ²	5.0V	0A	1A	150mV	±5%
PSAC05A-050L6B-R ³	5.0V	0A	1A	150mV	±5%

Notes:

- (1) Measured with an oscilloscope with 20MHz (or over) bandwidth. Outputs should be bypassed at a connector with a 0.1uF ceramic capacitor and a 10uF electrolytic capacitor.
- (2) DC Cord USB Micro-B
- (3) DC Cord USB Mini-B

Phihong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at www.phihong.com for the most up-to-date specifications and contact information.

Input:**AC Input Voltage Rating**

100 to 240V AC

AC Input Voltage Range

90 to 264V AC

AC Input Frequency

47 to 63Hz

Input Current

0.15A (RMS) maximum

Leakage Current

250uA maximum

Inrush Current

40A @115Vac/60Hz & Max load

60A @230Vac/50Hz & Max load

(Cold start at ambient 25°C)

Output:**Efficiency**

DOE Level VI

Short-Circuit Protection

Output can be shorted permanently without damage

Dielectric Withstand (Hi-pot) Test

Primary to Secondary: 3000V AC for 1

min., 10mA

Over Voltage Protection

7.5V DC maximum

Over-Current Protection

2A maximum

Pri. to Sec. 3300Vac, 10mA for 3 Sec for production testing

DC Output Connector

L6 Model – Barrel

L6M Model - Micro USB

L6B Model - Mini USB

Environmental:**Temperature**

Operation 0 to +40°C

Non-operation -20 to +70°C

Humidity 0 to 90%

Emissions

Complies with FCC Class B

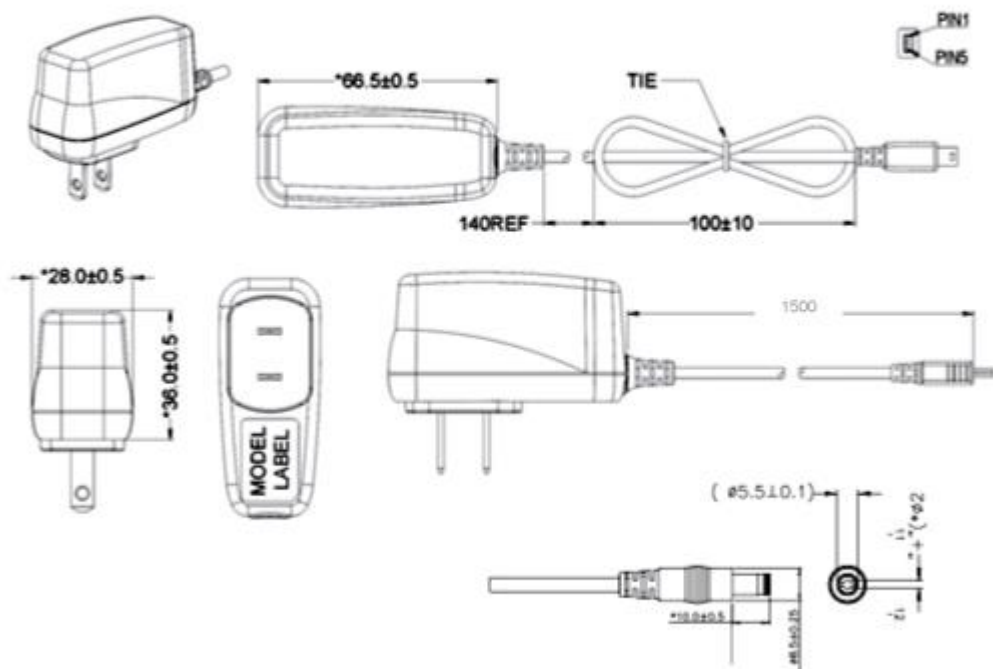
Complies with EN55032 Class B

ImmunityEN 61000-4-2 Level 4, Contact ± 8 kV. Air ± 15 kV

EN 61000-4-5 Level 3, 1kV line to neutral, Criteria B

Dimension Diagram Unit: mm PSAC05A-050L6-R

WIRE AWG	PIN	COLOR	POLARITY	IMPEDANCE
AWG24	PIN1	BLACK/ GRAY	"+"	170 mohm Max (包含USB和码器)
	PIN2, PIN3		SHORT	
	PIN5 (CONNECT WITH SHIELDING)	BLACK	"-"	170 mohm Max (包含USB和码器)



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

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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.