



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	5.0V	0A	1A	150mV	±5%
PSAC05A-050L6M ²	5.0V	0A	1A	150mV	±5%
PSAC05A-050L6B 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

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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

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

