



## 4 Watt Flip-Plug Compact Adapter PSM04A Wall Plug Adapter Meets CEC and EISA Requirements



### Features

- No Load Power Consumption < 0.5 Watt
- Flip Plug Design
- EISA Compliant\*
- Low Leakage Current
- Low Cost

### Applications

- Wireless Communications
- Peripherals
- Portable Equipment
- PDA

### Safety Approvals

- cUL/UL

### Mechanical Characteristics

- Length: 69.4mm (2.73in)
- Width: 48mm (1.89in)
- Height: 25mm (0.98in)
- Weight: 145g (5.12oz)

### Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max)	Regulation		Efficiency Level
		Min.	Max.		Line	Load	
PSM04A-050(STD)	5V	0A	0.75A	55mV	±5%		

Note: (1) Measured with by-pass capacitors 0.1uf/10uf at output connector terminal and oscilloscope set at 20Mhz.

\*EISA Compliant Level IV<sub>115VAC</sub>

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**INPUT:**

**AC Input Voltage Rating**  
100 to 240VAC

**AC Input Voltage Range**  
90 to 264VAC

**AC Input Current**  
0.2A(RMS) Max.

**Leakage Current**  
250uA Max.

**AC Input Frequency**  
47-63Hz

**Input Power Saving**  
0.5W Max.

**OUTPUT:**

**Efficiency**  
50% Min.

**Hold-up Time**  
10mS Min. @ 120VAC and Max. load

**Over Voltage Protection**  
7.5V Max.

**Short Circuit Protection**

Protection against short circuit for output: the load current delivered into a short circuit shall not exceed 2A.

**ENVIRONMENTAL:**

**Temperature**

Operation 0 to +45°C  
Non-operation -40 to +85°C

**Humidity**

Operation 10 to 90%

**Emissions**

FCC Part 15 Class B  
CISPR 22 Class B

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

Primary to Secondary: 3000VAC

**DC Output Connector**

2.1x5.5mm Center Positive Standard

**Mating Connector**

Kycon KLD-0202-A or equivalent

**Dimension Diagram Unit: mm (inch)**

