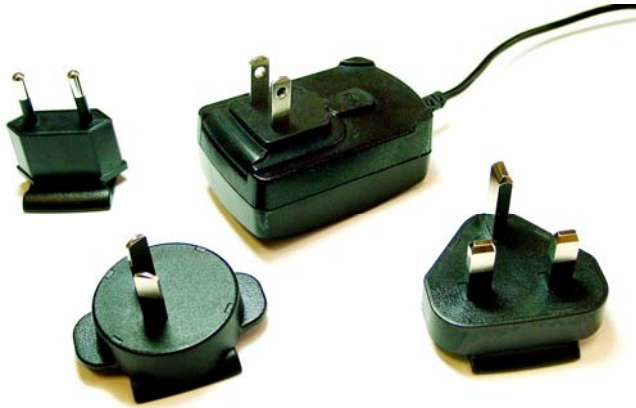




**5W Interchangeable Plug Series  
PSAC05R Adapters Meet EISA and ENERGY STAR Requirements**



**Features**

- Double Insulated
- Field Changeable AC Plugs
- Efficiency Level V Compliance
- Low Leakage Current
- Low Cost
- Class B EMI

**Applications**

- MPEG Players
- PDA
- Personal Electronics
- Digital Camera

**Safety Approvals**

- cULus
- TUV
- SAA
- CE
- C-Tick

**Mechanical Characteristics**

- Length: 71.7mm (2.82in)
- Width: 45mm (1.77in)
- Height: 28.9mm (1.14in)
- Weight: 120g (4oz)

**Output Specifications**

Model	DC Output Voltage	Load		Ripple (1) P-P (max)	Regulation		Efficiency Level
		Min.	Max.		Line	Load	
PSAC05R-050(P) (2)	5V	0A	1.0A	200mV	±5%		V
PSAC05R-050(MB) (3)	5V	0A	1.0A	200mV	±5%		V

Notes: (1) Measured after 30 minutes using 12 inch twisted pair terminated with 0.1uF ceramic and 10uF electrolytic capacitors in parallel.

(2) PSAC05R-050(P) has 2.1mm x 5.5mm x 9.5mm center positive output connector.

(3) PSAC05R-050(MB) has Mini-B plug.

Interchangeable clips sold separately.

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**INPUT:**

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

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

**AC Input Frequency**  
47 to 63Hz

**AC Input Current**  
0.3A(RMS) max. @ 115VAC  
0.15A(RMS) max. @ 230VAC

**Leakage Current**  
05uA max. @ 240VAC, 50Hz

**Inrush Current (cold)**  
< 30A for 240VAC at max. load  
(Cold start @ ambient 25°C)

**Input Power Saving (at no load)**  
0.3W maximum

**OUTPUT:**

**Efficiency**  
≥ 68.2% average efficiency

**Short Circuit Protection**

Output can be shorted without damage when operated within specified input voltage and operating temperature ranges.

**Over-voltage Protection**  
Not to exceed 7.2VDC

**Over Current Protection**  
Not to exceed 1.2A (RMS)

**ENVIRONMENTAL:**

**Temperature**

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

**Humidity**

Operation 10 to 90%

**Emissions**

FCC Class B  
EN55022 Class B

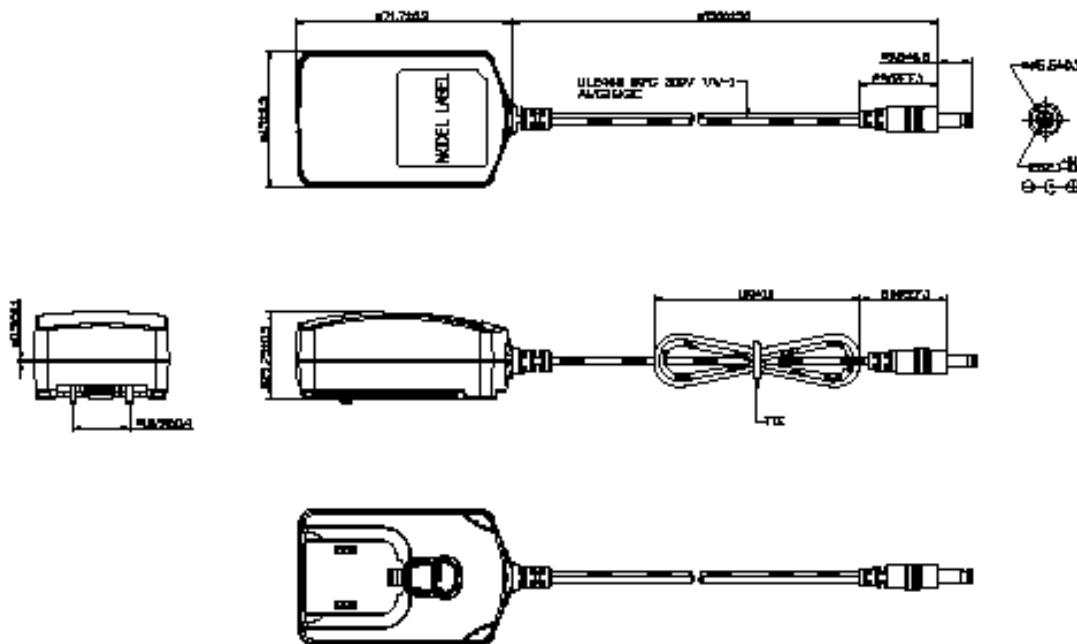
**Dielectric Withstand (Hi-pot) Test**

Primary to Secondary: 3000VAC

**AC Input Clips (sold separately)**

US: RPA  
Europe: RPE  
UK: RPK  
Australia: RPS

**PSAC05R-050(P) Dimension Diagram Unit: mm**



**PSAC05R-050(MB) Dimension Diagram Unit: mm**

