



5 Watt Interchangeable Plug Series PSAC05R Adapter Meet EISA and Ecodesign 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

- cUL/UL
- TUV
- SAA
- CE
- C-Tick
- Ecodesign ErP Directive 2009/125/EC

Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Width: 45mm (1.77in)
- Height: 29.79mm (1.17in)
- Weight: 120g (4.2oz)

Output Specifications

Model	DC Output Voltage	Load		Efficiency Level
		Min.	Max.	
PSAC05R-050(P) ⁽¹⁾	5V	0A	1.0A	V
PSAC05R-050(MB) ⁽²⁾	5V	0A	1.0A	V

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

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

Interchangeable clips sold separately

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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
0.3A (RMS) maximum at 115V AC
0.15A (RMS) maximum at 230V AC

Leakage Current
5uA maximum at 240V AC, 50Hz

Inrush Current
<30A for 240V AC at maximum load
(Cold start at ambient 25°C)

Input Power Saving
<0.3W maximum

Output:
Efficiency
Meets Level V efficiency requirements

Ripple
200mV max

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

Over-Voltage Protection
No to exceed 7.2V DC

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

Environmental:
Temperature
Operation 0 to +40°C
Non-operation -40 to +85°C
Humidity 10 to 90%

Emissions
FCC Class B
EN55022 Class B
AS/NZS 3548

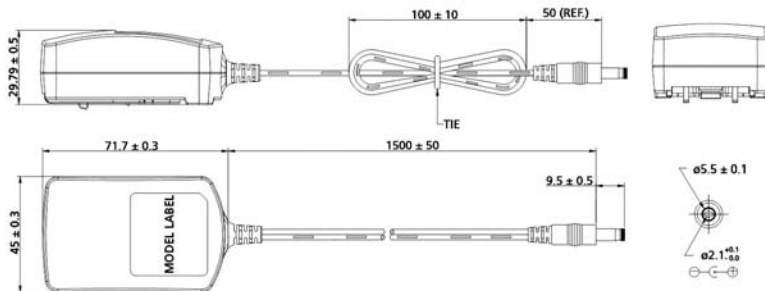
Immunity
EN50082-1:
EN61000-4-4 Level 4
EN61000-4-5 Level 3

Dielectric Withstand (Hi-pot) Test
Primary to Secondary: 3000V AC 10mA, 1 minute

DC Output Connector
2.1 x 5.5 center positive standard (P model)
Mini-B USB (MB model)

AC Input Clips (sold separately)
RPA: US RPI: India
RPB: Brazil RPK: UK
RPC: China RPN: Argentina
RPE: Europe RPS: Australia
RPH: Korea RPX: IEC320 C8

PSAC05R-050(P) Dimension Diagram Unit: mm



PSAC05R-050(MB) Dimension Diagram Unit: mm

