



## 5W USB Adapter with Interchangeable Plugs PSB05R Series Meets Level V and Ecodesign Requirements



### Features

- USB Socket
- Field Changeable AC Plugs
- Ecodesign ErP Directive 2009/125/EC level 2 annex 1b Compliant
- Low Leakage Current
- UL 94 Vo Flammability
- No Load Power Consumption < 0.3 Watt
- CEC Level V Compliance

### Applications

- Wireless Communications
- Portable Equipment
- Peripherals
- Networking

### Safety Approvals

- cUL/UL
- CE
- TUV
- C-Tick
- SAA

### Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Height: 29.79 (1.17in)
- Width: 45mm (1.77in)
- Weight: 128 (4.5oz)

### Output Specifications

Model	DC Output Voltage	Load		Ripple <sup>(1)</sup> P-P (max.)	Regulation Line & Load	Efficiency Level
		Min.	Max.			
PSB05R-050Q(A)-R	5V	0A	1A	55mV	±5%	V

(1) Measured by using a 12-inch twisted pair terminal with a 10uF EC capacitor and a 0.1uF ceramic in parallel, measured at maximum load.

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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**

.015A (RMS) maximum for 115V AC

0.08A (RMS) maximum for 230V AC

**Leakage Current**

0.02mA maximum for 240V AC, 50Hz

**Inrush Current**

40A maximum at 240V AC

(Cold start at ambient 25°C)

**Input Power Saving**

< 0.3Watts at no load

**Output:**
**Efficiency**

68% minimum at 120V AC, 60Hz and maximum load

**Environmental:**
**Temperature**

Operation 0 to +45°C

Non-operation -20 to +75°C

Relative Humidity 20 to 90%

**Emissions**

FCC Part 15 Class B

EN55022 Class B

**Immunity**

IEC61000-4-2

IEC61000-4-3

IEC61000-4-4

IEC61000-4-5

IEC61000-4-6

IEC61000-4-8

IEC61000-4-11

EN61000-3-2

**Over-Voltage Protection**

8V DC maximum

**Over-Current Protection**

5A maximum

**Short-Circuit Protection**

Output can be shorted permanently without damage

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

Primary to Secondary: 3000V AC for 1 min., 10mA

**DC Output Connector**

USB Type A

**AC Input Clips (sold separately)**

RPA: US

RPI: India

RPB: Brazil

RPK: UK

RPC: China

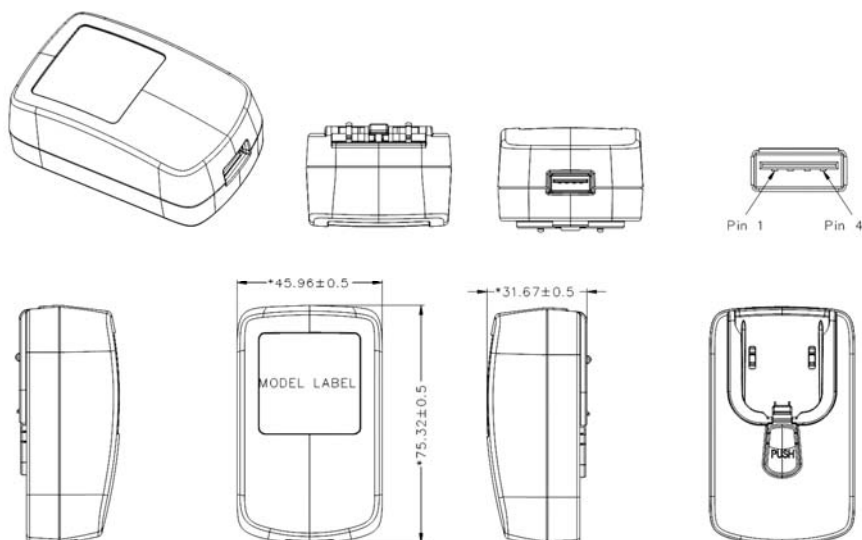
RPN: Argentina

RPE: Europe

RPS: Australia

RPH: Korea

RPX: IEC320 C8

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


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