



## 5W USB Adapter with Interchangeable Plugs PSB05R Series



### Features

- USB Socket
- Field Changeable AC Plugs
- CEC Compliance
- Low Leakage Current
- UL 94 Vo Flammability
- No Load Power Consumption < 0.3 Watt

### Applications

- Wireless Communications
- Peripherals
- Portable Equipment
- Networking

### Safety Approvals

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

### Mechanical Characteristics

- Length: 75.32mm (2.97in)
- Width: 45.96mm (1.81in)
- Height: 31.67mm (1.25in)
- Weight: 61.1g (2.16oz)

### Output Specifications

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

Note: (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 240VAC

**AC Input Voltage Range**

90 to 264VAC

**AC Input Current**

200mA(RMS) max. @ 115VAC

80mA(RMS) max. @ 230VAC

**Leakage Current**

20uA max. @ 254VAC, 50Hz

**Inrush Current (cold)**

<40A for 240VAC at max. load

(Cold start @ ambient 25°C)

**Input Power Saving**

0.3W max. for 240VAC at no load

**OUTPUT:**

**Efficiency**

62% min.

**Hold-up Time**

10mS min. @ 120VAC and Max. load

**Over-load Protection**

5A max.

**Over-voltage Protection**

8VDC max.

**Short Circuit Protection**

Output can be shorted without damage

**Adapter Detection:**

Each data line (Data+ and Data-) is tied to +VDC via a 7.5K Ohm resistor and to DC RTN via a 15K Ohm resistor

**ENVIRONMENTAL:**

**Temperature**

Operation 0 to +45°C

Non-operation -20 to +75°C

**Humidity**

Operation 20 to 90%

**Emissions**

FCC Part 15 Class B

CISPR 22 Class B

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

Primary to Secondary: 3000VAC

**AC Input Clips (sold separately)**

US: RPA

Europe: RPE

UK: RPK

Australia: RPS

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

