WWW.PHIHONG.COM



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	Load		Ripple (1)	Regulation	
	Voltage	Min.	Max.	P-P (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.

Phihong is not responsible for any error and change. Content is subject to change without notice. Please consult the factory and visit www.phihong.com for the most up-to-date specifications.

PSB05R Characteristics

WWW.PHIHONG.COM

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

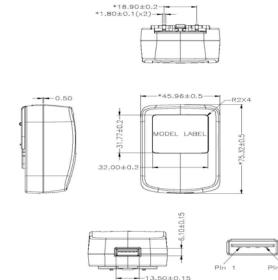
Over-load Protection

5A max.

Over-voltage Protection

8VDC max.

Dimension Diagram Unit: mm (inch)



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 $0 \text{ to } +45^{\circ}\text{C}$ Non-operation $-20 \text{ to } +75^{\circ}\text{C}$

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







Pin NO.	Output		
1	+5 VDC		
2	+3 V _{DC}		
3	+3 V _{DC}		
4	DC RTN		