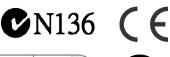
# WWW.PHIHONG.COM



# 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
- Peripherals

- Portable Equipment
- Networking

### **Safety Approvals**

- cUL/UL
- TUV
- SAA

- CE
- C-Tick

### **Mechanical Characteristics**

Length: 71.7mm (2.82in)Width: 45mm (1.77in)

Height: 29.79 (1.17in)Weight: 128 (4.5oz)

# **Output Specifications**

Model	DC Output	Load		Ripple <sup>(1)</sup>	Regulation	Efficiency
	Voltage	Min.	Max.	P-P (max.)	Line & Load	Level
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.

Phihong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at www.phihong.com for the most up-to-date specifications and contact information.

### **PSB05R Characteristics**

### WWW.PHIHONG.COM

### **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**

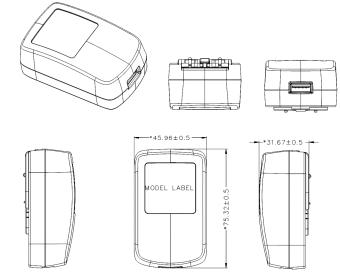
68% minimum at 120V AC, 60Hz and maximum load

#### **Environmental:**

#### **Temperature**

Operation 0 to +45°C Non-operation -20 to +75°C Relative Humidity 20 to 90%

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



#### **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
RPC: China
RPE: Europe
RPS: Australia
RPH: Korea
RPX: IEC320 C8



