



5W USB Adapter with Interchangeable Plugs PSB05R Adapter Meets CEC and EISA Requirements



Features

- USB Socket
- Field Changeable AC Plugs
- Efficiency Level IV Compliance
- Low Leakage Current
- UL 94 Vo Flammability

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		Efficiency Level
		Min.	Max.		Line	Load	
PSB05R-050Q(A)-R	5V	0A	1A	55mV	±5%		IV

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

0.5W maximum at no load

OUTPUT:

Efficiency

> 64% average efficiency

Hold-up Time

10mS min. @ 120VAC and Max. load

Over-current Protection

0.75A 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)

