



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
- TÜV
- 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
> 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)

