



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





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
- TÜV
- 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 Voltage	Load		Ripple ⁽¹⁾ P-P (max.)	Regulation Line & Load	Efficiency Level
		Min.	Max.			
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.

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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%

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

RPK: UK

RPC: China

RPN: Argentina

RPE: Europe

RPS: Australia

RPH: Korea

RPX: IEC320 C8

Dimension Diagram Unit: mm (inch)

