



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!



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## 2.5W USB Adapter with Interchangeable Plugs PSC03R Adapter Meets CEC and EISA Requirements



### Features

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

### 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 P-P (max.)	Regulation Line & Load	Efficiency Level
		Min.	Max.			
PSC03R-050	5V	0A	0.5A	55mV	±5%	IV

(1) Measured after 10 minutes warm up at 25°C with 12-inch twisted pair terminated with a 10uF capacitor and 0.1uF ceramic in parallel.

**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**

0.15A (RMS) 115V AC at maximum load

0.08A (RMS) 230V AC at maximum load

**Leakage Current**

0.02mA maximum at 254V AC, 50Hz

**Inrush Current**

30A for 120V AC at maximum load

50A for 240V AC at maximum load

(Cold start at ambient 25°C)

**Input Power Saving**

0.3W maximum, no load

**Output:**

**Efficiency**

63% average; meets CEC level IV

**Hold-up Time**

10mS minimum, at maximum load at 120V AC

**Over-Voltage Protection**

8V DC maximum

**Over-Current Protection**

0.75A maximum

**Short-Circuit Protection**

Output can be shorted permanently without damage

**Environmental:**

**Temperature**

Operation 0 to +45°C

Non-operation -40 to +85°C

Humidity 10 to 95% Non condensing

**Emissions**

FCC Part 15 Class B

EN55022 Class B

**Immunity**

EN61000-4-2

EN61000-4-3

EN61000-4-4

EN61000-4-5

EN61000-4-6

EN61000-4-8

EN61000-4-11

**Dielectric Withstand (Hi-pot) Test**

Primary to Secondary: 3000V AC for 1 min., 10mA

**DC Output Connector**

USB Type A, receptacle, single.

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

