



## 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
- SAA
- 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 <sup>(1)</sup>	DC Output Voltage	Load		Ripple <sup>(2)</sup> P-P (max.)	Regulation Line & Load	Efficiency Level <sup>(3)</sup>
		Min.	Max.			
PSC03R-050	5V	0A	0.5A	55mV	±5%	IV

(1) Minimum order quantity of 4000 pieces

(2) 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.

(3) Level IV efficient products do not qualify for CE marking and therefore cannot be sold to countries in the EU

**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)**

