



## 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 (1) P-P (max)	Regulation		Efficiency Level
		Min.	Max.		Line	Load	
PSC03R-050	5V	0A	0.5A	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.

Interchangeable clips sold separately.

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**INPUT:**

**AC Input Voltage Rating**  
100 to 240VAC

**AC Input Voltage Range**  
90 to 264VAC

**AC Input Current**  
0.15A(RMS) max. @ 115VAC  
0.08A(RMS) max. @ 230VAC

**Leakage Current**  
20uA max. @ 254VAC, 50Hz

**Inrush Current (cold)**  
<30A for 120VAC at max. load  
<60A for 240VAC at max. load  
(Cold start @ ambient 25°C)

**Input Power Saving**  
0.5W maximum at no load

**OUTPUT:**

**Efficiency**  
> 58% 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 -40 to +85°C

**Humidity**  
Operation 10 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)**

