



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 ⁽¹⁾ | DC Output Voltage | Load | | Ripple ⁽²⁾ P-P (max.) | Regulation Line & Load | Efficiency Level ⁽³⁾ |
|----------------------|-------------------|------|------|-------------------------------------|---------------------------|------------------------------------|
| | | 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)

