



2.5 Watt USB Adapter with Interchangeable Plugs PSC03R Series



Features

- USB Socket
- ECOC Compliance
- Universal Input
- Low Leakage Current
- Field Changeable AC Plugs
- UL 94 V0 Flammability
- <0.3W no Load Power Consumption

Applications

- Wireless Communications
- Portable Instruments
- Peripherals
- Networking

Safety Approvals

- UL/cUL
- CE
- TUV

Mechanical Characteristics

- Dimensions:
- 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	
		Min.	Max.		Line	Load
PSC03R-050	5V	0A	0.5A	55mV	±5%	

Note: (1) Measured by using a 12-inch twisted pair terminated with a 10uF capacitor and 0.1uF ceramic in parallel, measured at maximum load.

INPUT:

AC Input Voltage

90 to 264 VAC

AC Input Frequency

47 to 63Hz

AC Input Current

0.15A (RMS) 120VAC at Max. load

0.08A (RMS) 230VAC at max. load

AC Inrush Current

30A for 120VAC at Max. load

60A for 240VAC at Max. load

OUTPUT:

Efficiency

55% typical

Hold-up Time

10ms min. at Full load, 120VAC

Overvoltage Protection

A single component failure will not cause the output voltage to rise above 12VDC

Overcurrent Protection

A single component failure will not cause the output current to rise above 0.75A

Power Saving

0.3W max., no load, 230VAC, 50Hz

ENVIRONMENTAL:

Temperature:

Operation 0 to 45°C

Non-Operation -40°C to +85°C

Humidity

Operation 10% to 90%

Non-Operation 5% to 95%

Emissions

FCC Part15 Class B

EN55022 Class B

Immunity

EN61000-4-2, Level 4

EN61000-4-3, Level 2

EN61000-4-4, Level 2

EN61000-4-5, Level 3

EN61000-4-6, Level 3

EN61000-4-11

Harmonic

EN61000-3-2 (A1+A2+A14)

Flicker

EN61000-3-3

GENERAL:

Leakage Current

0.20uA maximum 254VAC, 54Hz

Dielectric Withstand (Hipot)

3000VAC, 1 min., 10mA

MTBF (Full Load, 25°C)

>150K Hrs. (Full Load, 25°C)

AC Input Plugs

(Sold Separately)

USA: RPA

Europe: RPE

UK: RPK

Australia: RPS

Dimension Diagram Unit: mm (inch)

