



5W Compact Fixed Blade USB Power Adapter (UK)



Features

- Fixed Blade
- Ecodesign ErP Directive 2009/125/EC level 2 annex 1b Compliant
- Low Cost
- Low Profile
- Halogen Free

Applications

- Smart Phones
- PDA
- Personal Electronics
- Digital Camera

Safety Approvals

- CE

Mechanical Characteristics

- Length: 49mm (1.93in)
- Width: 43mm (1.65in)
- Height: 21.0mm (0.87in)

Output Specifications

Model	DC Output Voltage	Load		Ripple ⁽¹⁾ P-P (Max)	Regulation		Case Color
		Min.	Max.		Line	Load	
PSA05K-050QA-H	5V	0A	1A	200mV	±5%		Black
PSA05K-050QW-H	5V	0A	1A	200mV	±5%		White

Notes: (1) Measured after 10 minutes with by-pass capacitors 0.1uF // 10uF at output connector terminal and oscilloscope set at 20MHz.

INPUT:**AC Input Voltage Rating**

100 to 240VAC

AC Input Voltage Range

90 to 264VAC

AC Input Current

0.15A(RMS) max.

Leakage Current5 μ A maximum**Input Power Saving**

<30mW max

OUTPUT:**Power**

5W Continuous

Efficiency

Meets Level V Efficiency Requirements

Short Circuit Protection

Output may be shorted permanently without damage

Over-voltage Protection

Output shall not exceed 10V

ENVIRONMENTAL:**Temperature**

Operation 0 to +40°C

Non-operation -40 to +85°C

Humidity 90%

Immunity

ESD: EN61000-4-2. Level 4

Surge: EN61000-4-5. Level 3

Harmonic: EN61000-3-2

Flicker: EN61000-3-3

Emissions

FCC Class B

EN55022 Class B

Dielectric Withstand (Hi-pot) Test

Primary to Secondary: 3000VAC, 10mA for 1 minute

Insulation Resistance

Primary to Secondary: 10M ohm 500VDC

MTBF

100K Hrs min. (MIL-HDBK-217F) at max load

DC Output Connector

USB A

Dimension Diagram Unit: mm

