



## 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 <sup>(1)</sup> 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.

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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.

**Leakage Current**5 $\mu$ A maximum**Input Power Saving**

&lt;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

