



## 5W Compact Fixed Blade USB Power Adapter (UK)



### Features

- Fixed Blade
- DOE Level VI Compliant
- Halogen Free
- Low Cost
- Low Profile

### 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-050QL6	5V	0A	1A	200mV	±5%		Black
PSA05K-050QL6WS	5V	0A	1A	200mV	±5%		White

Notes: (1) Measured with by-pass capacitors 0.1uF/10uF at output connector terminal and oscilloscope set at 20 MHz. Before Ripple & Noise measured burn in 30 min. at 100% load.

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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 max**Input Power Saving**

&lt;75mW max

**OUTPUT:****Power**

5W Continuous

**Efficiency**

DOE Level VI

CoC V5 Tier 2

**Short Circuit Protection**

Auto-Restart

**Over-Voltage Protection**

7V max

**Over-Current Protection**

1.5A max

**ENVIRONMENTAL:****Temperature**

Operation 0 to +40°C

Non-operation -40 to +85°C

Humidity 90%

**Immunity**

ESD: EN61000-4-2. Level 3

Surge: EN61000-4-5. Level 3

**Emissions**

Complies with FCC Class B

Complies with EN55032 Class B

**Dielectric Withstand (Hi-pot) Test**

Pri. to Sec.: 3000VAC, 10mA for 1 minute

**Insulation Resistance**

Pri. to Sec.: 10M ohm 500VDC

**MTBF**

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

**DC Output Connector**

USB A

**Dimension Diagram Unit: mm**

