



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





## 5W Compact Fixed Blade Power Adapter (Australia/New Zealand) Level V Efficiency Compliant USB Adapter



### Features

- Fixed Blade
- Level V Efficient
- No-Load Power Draw <0.3mW
- Low Cost
- Low Profile
- Halogen Free

### Applications

- Smart Phones
- PDA
- Personal Electronics
- Digital Camera

### Safety Approvals

- C-Tick
- SAA

### Mechanical Characteristics

- Length: 53.2mm (2.09in)
- Width: 43mm (1.69in)
- Height: 25.0mm (0.98in)
- Weight: 80g (3oz)

### Output Specifications

Model	DC Output Voltage	Load		Ripple <sup>(1)</sup> P-P (Max)	Regulation		Case Color
		Min.	Max.		Line	Load	
PSA05S-050QA-H	5V	0A	1A	200mV	±5%		Black
PSA05S-050QW-H	5V	0A	1A	200mV	±5%		White

Note: (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**

5µA maximum

**Input Power Saving**

<30mW max

**OUTPUT:**

**Power**

5W Continuous

**Efficiency**

Meets Level V Efficiency Requirements

**No-Load Power Saving**

0.03W maximum at 115VAC/230VAC

**Hold-up Time**

10mS min. @ 120VAC and max. load

**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
Operation	10 to 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 hours minimum at 120VAC, max load (measured at ambient 25°C)

**DC Output Connector**

USB A

**Dimension Diagram Unit: mm**

