



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!



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## 2.75W Compact Fixed Blade Charger Small/Thin Wall Plug Adapter with DC Cord



### Features

- North America Fixed Blade AC Input
- CC & CV control
- Level VI Efficiency
- Class 2 Output per UL 1310
- Limited Power Source
- Class B EMI
- No Y Caps
- Standard Barrel Connector or Micro-B

### Applications

- MPEG Players
- PDAs
- Medical Test Device Charging
- Personal Electronics
- Digital Cameras
- Cordless Tools

### Safety Approvals

- cUL/UL
- Class 2 Output per UL 1310

### Mechanical Characteristics

- Length: 39.4mm (1.65in)
- Width: 43mm (1.65in)
- Height: 21.0mm (0.87in)
- Weight: 45g (1.59oz)

### Output Specifications

Model	DC Output Voltage	Load		Ripple P-P (max)	Regulation	
		Min.	Max.		Line	Load
PSM03A-050	5V	0A	0.55A	100mV	±5%	
PSM03A-050(M) <sup>(1)</sup>	5V	0A	0.55A	100mV	±5%	
PSM03A-075	7.5V	0A	0.366A	100mV	±5%	
PSM03A-090	9V	0A	0.305A	100mV	±5%	
PSM03A-120	12V	0A	0.23A	200mV	±5%	

Note (1): This unit is terminated with Micro-B connector in place of standard DC Cable.

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**INPUT:**

**AC Input Voltage Rating**

100 to 240VAC

**AC Input Voltage Range**

90 to 264VAC

**AC Input Current**

100mA (RMS) max.

**Leakage Current**

0.25mA maximum

**Inrush Current (cold)**

<30A for 120VAC at max. load

<60A for 240VAC at max. load

(Cold start @ ambient 25°C)

**Input Power Saving**

<0.1W max. @ 115VAC at no load

**OUTPUT:**

**Power**

2.75W Maximum

**Efficiency**

DOE Level VI

**No-Load Power Saving**

0.01W maximum at 115VAC

**Hold-up Time**

10mS min. @ 120VAC and max. load

**Over-voltage/Short-circuit Protection**

The output is equipped with over-voltage and short-circuit protection. The output can be shorted permanently without damage.

**ENVIRONMENTAL:**

**Temperature**

Operation 0 to +40°C

Non-operation -25 to +75°C

**Humidity**

Operation 20 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 60s

**Insulation Resistance**

Primary to Secondary: >100M ohm 500VDC

**DC Cord**

1500mm

**DC Output**

5.5mm x 2.1mm x 9.5 center positive barrel

PSM03A-050(M) has a Micro-B USB configured as USB DCP D+/D- shorted

**Dimension Diagram Unit: mm**

