



## 2.75W Compact Fixed Blade USB Power Adapter (China)



### Features

- Fixed Blade
- No-Load Power Draw <0.3mW
- No Y Cap
- Low Cost
- Low Profile

### Applications

- Smart Phones
- PDA
- Personal Electronics
- Digital Camera

### Safety Approvals

- CCC

### Mechanical Characteristics

- Length: 42mm (1.65in)
- Width: 43mm (1.65in)
- Height: 21.0mm (0.87in)
- Weight: 80g (3oz)

### Output Specifications

Model	DC Output Voltage	Load		Ripple <sup>(1)</sup> P-P (Max)	Regulation		Case Color
		Min.	Max.		Line	Load	
PSM03C-050Q-3	5V	0A	0.55A	100mV	±5%		Black

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

(2) Minimum order quantity applies for this model

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**INPUT:**

**AC Input Voltage Rating**

100 to 240VAC

**AC Input Voltage Range**

90 to 264VAC

**AC Input Current**

0.1A(RMS) max.

**Leakage Current**

0.25mA max. @ 230VAC

**OUTPUT:**

**Power**

2.75W Maximum

**Efficiency**

63.7% at 115VAC/230VAC

**No-Load Power Saving**

≤30mW maximum at 115VAC/230VAC

**Hold-up Time**

8mS min. @ 120VAC and max. load

**Over-voltage Protection**

120% Typical

**Short-Circuit Protection**

Latch requires power cycle to restart

**ENVIRONMENTAL:**

**Temperature**

Operation 0 to +40°C  
Non-operation -40 to +85°C

**Humidity**

Operation 10 to 90%

**Immunity**

ESD: EN61000-4-2. Level 4  
Surge: EN61000-4-5. Level 4  
Harmonic: EN61000-3-2  
Flicker: EN61000-3-3

**Emissions**

FCC Class B  
EN55022 Class B

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

Primary to Secondary: 3000VAC

**Insulation Resistance**

Primary to Secondary: >7M ohm 500VDC

**DC Output Connector**

USB A  
D+ and D- pins shorted together inside the charger

**Dimension Diagram Unit: mm**

