



## 5W Compact Fixed Blade Power Adapter (North America)



### Features

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

### Applications

- Smart Phones
- PDAs
- Personal Electronics
- Digital Cameras

### Safety Approvals

- UL/cUL
- NRCAN
- PSE

### Mechanical Characteristics

- Length: 39.5mm (1.56in)
- Width: 33.5mm (1.32in)
- Height: 20.8mm (0.82in)
- Weight: 25g (.88oz)

### Output Specifications

Model	DC Output Voltage	Load		Ripple <sup>(1)</sup> P-P (Max)	Regulation		Case Color
		Min.	Max.		Line	Load	
PSAA05A-050QL6	5V	0A	1A	200mV	±5%		Black

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

**INPUT:**

**AC Input Voltage Rating**  
100 to 240VAC

**AC Input Voltage Range**  
90 to 264VAC

**AC Input Frequency**  
47 to 63Hz

**Input Current**  
0.2A(RMS) max at 115VAC  
0.15A (RMS) max at 230VAC

**Leakage Current**  
.025mA maximum

**OUTPUT:**

**Efficiency**  
DOE Level VI  
COC Tier 2

**No-Load Power Saving**  
<75mW

**Hold-up Time**  
10mS min. @115VAC/230VAC and max. load

**Short Circuit Protection**  
Auto-restart

**Over-voltage Protection**  
<7.5V peak, auto restart

**Over Current Protection**

1.5A max@AC90V~264V

**ENVIRONMENTAL:****Temperature**

Operation	-10 to +45°C
Non-operation	-40 to +70°C
Humidity	5 to 95%

**Immunity**

ESD:	EN61000-4-2. Level 3
RS:	EN61000-4-3, Criteria A
CS:	EN61000-4-3, Criteria A
EFT:	EN61000-4-4, Criteria B
Surge:	EN61000-4-5, Level 3, Criteria B
Radio Frequency Fields	EN61000 4-6
DIP:	EN61000-4-11
RSE:	EN 301511

**Emissions**

Complies with FCC Part 15 Class B  
Complies with EN55022 Class B  
ANSI C63.4 Class B  
VCCI Class II

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

Primary to Secondary: 3000VAC, 10mA for 1 min

**Insulation Resistance**

Primary to Secondary: 10M ohm 500VDC

**MTBF**

100K hours min at 230VAC, max load(25°C)

**Output Connector**

USB CONN, 4PIN  
D+ D- shorted, compliant to USB BC1.2

**Dimension Diagram Unit: mm**

