



5W Compact Fixed Blade Power Adapter (North America) Level VI Efficiency Compliant USB Adapter



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: 55.61mm (2.2in)
- Width: 33.5mm (1.32in)
- Height: 20.8mm (0.82in)
- Weight: 25g (.88oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple ⁽¹⁾ 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.

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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
DIP:	EN61000-4-11
RSE:	EN 301511

Emissions

FCC Part 15 Class B
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

