



5 Watt – Compact Folding Blade Adapter PSA05F Adapter Meets EISA and Level V Efficiency Requirements



Features

- Folding Blades
- CC & CV Control
- ErP Directive 2009/125/EC level 2 annex 1b Compliant
- 15mm Thick with Blades Folded
- 5 Start Standby Power < 0.03W
- Level V Efficiency Compliance

Applications

- MPEG Players
- PDA
- Personal Electronics
- Digital Camera

Safety Approvals

- cUL/UL
- IEEE1725 Approved
- C-Tick
- CE
- SAA

Mechanical Characteristics

- Length: 60mm (2.36in)
- Width: 47mm (1.85in)
- Height: 15.0mm (0.59in)
- Weight: 80g (3oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple ⁽¹⁾ P-P (max.)	Regulation Line & Load	Efficiency Level
		Min.	Max.			
PSA05F-050Q-H	5V	0A	1.0A	100mV	±5%	V

(1) Measured after 10 minutes with by-pass capacitors 0.1uF / 10uF at output connector terminal.

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Input:**AC Input Voltage Rating**

100 to 240V AC

AC Input Voltage Range

90 to 264V AC

AC Input Frequency

47 to 63Hz

Input Current

0.3A (RMS) maximum

Input Power Saving

< 0.03W

Output:**Power**

5W continuous

Efficiency

68% minimum; level V

Ripple and Noise

100mV

Power Saving Mode

<30mW at 115V AC/230V AC and no load

Over-Current Protection

1.1A maximum

Over-Voltage Protection

8.5V DC maximum, Zener Clamping

Short-Circuit Protection

Output can be shorted permanently without damage

Interchangeable Clips

FPBAG-H (FPE, FPK, FPS)

FPB: Brazil FPK: UK
 FPC: China FPN: Argentina
 FPE: Europe FPS: Australia
 FPH: Korea
 (Sold Separately)

Environmental:**Temperature**

Operation

0 to +40°C

Non-operation

-40 to +85°C

Relative Humidity

10 to 90%

Emissions

FCC Class B part 15

EN55022 Class B

Immunity

EN61000-4-2

Level 4

EN61000-4-5

Level 4

Harmonic: EN61000-3-2 Class A

Flicker: EN61000-3-3

Dielectric Withstand (Hi-pot) Test

Primary to Secondary: 3000V AC for 1 min., 10mA

Insulation Resistance

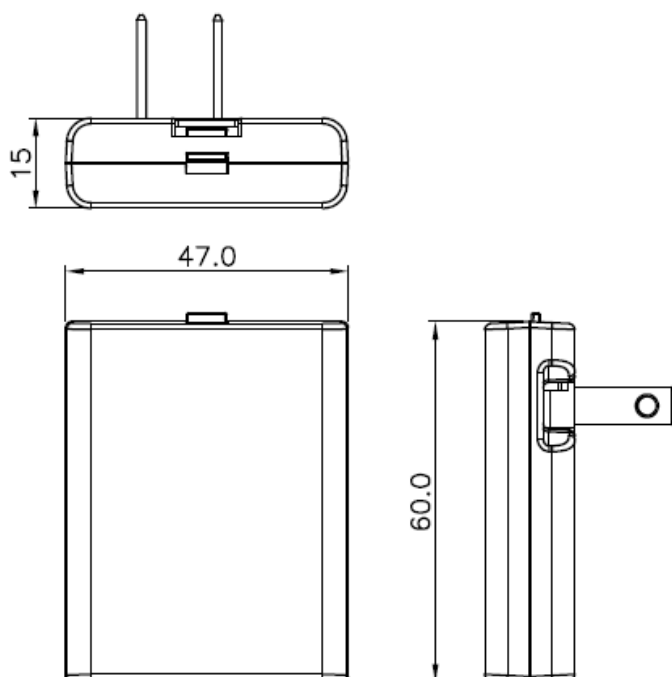
Primary to Secondary: 7 M ohm 500V DC

Reliability

MTBF: 200K hours minimum at 120V AC and max load at 25°C ambient temperature.

DC Output Connector

USB Type A

Dimension Diagram Unit: mm

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[PSA05F-050Q-H](#) [PSA05F-050Q\(AG\)-H](#) [PSA05F-050QAL6D](#) [PSA05F-050QAL6](#)