



10W Compact Fixed Blade USB Adapter



Features

- Fixed Blade
- Very low leakage
- Level VI Compliant
- Low Cost
- 5 Star Standby power <0.03W
- OVP, OCP and short circuit protection

Applications

- Tablets
- Portable GPS Devices
- Personal Electronics
- Digital Camera

Safety Approvals

- cUL/UL

Mechanical Characteristics

- Length: 47mm (1.88in)
- Width: 38mm (1.48in)
- Height: 22.3mm (0.87in)
- Weight: 40g (1.41oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple ¹ P-P (max)	Regulation		Case Color
		Min.	Max.		Line	Load	
PSAA10A-050QL6A-H	5V	0A	2.0A	150mV	±5%		Black
PSAA10A-050QL6W-H	5V	0A	2.0A	150mV	±5%		White

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 Current

0.28A (RMS) maximum at 115VAC input

0.16A (RMS) maximum at 230VAC input

Leakage Current20 μ A maximum @254Vac/50Hz**Inrush Current (cold)**

<60A for 240VAC at max. load

(Cold start @ ambient 25°C)

Input Power Saving $\leq 30\text{mW}$ @no load at 230Vac/50Hz**OUTPUT:****Power**

10W Continuous

Efficiency

DOE Level VI

Hold-up Time

6mS minimum at 115Vac/60Hz

Emissions

Complies with FCC Class B

Complies with EN55022 Class B

ENVIRONMENTAL:**Temperature**

Operation 0°C to +40°C

Non-operation -20°C to +70°C

Humidity 90%

Immunity

ESD: EN61000-4-2 Level 4

RS: EN61000-4-3 Level 2

EFT: EN61000-4-4 Level 2

Surge: EN61000-4-5 Level 3

Dip: EN61000-4-11 Level 3

Harmonic: EN61000-3-2

Flicker: EN61000-3-3

Dielectric Withstand (Hi-pot) Test

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

Insulation Resistance

Primary to Secondary: >10M ohm 500VDC

FEATURES**Over-voltage Protection**

Output voltage shall not exceed 8V

Over-current Protection

Output current shall not exceed 3A

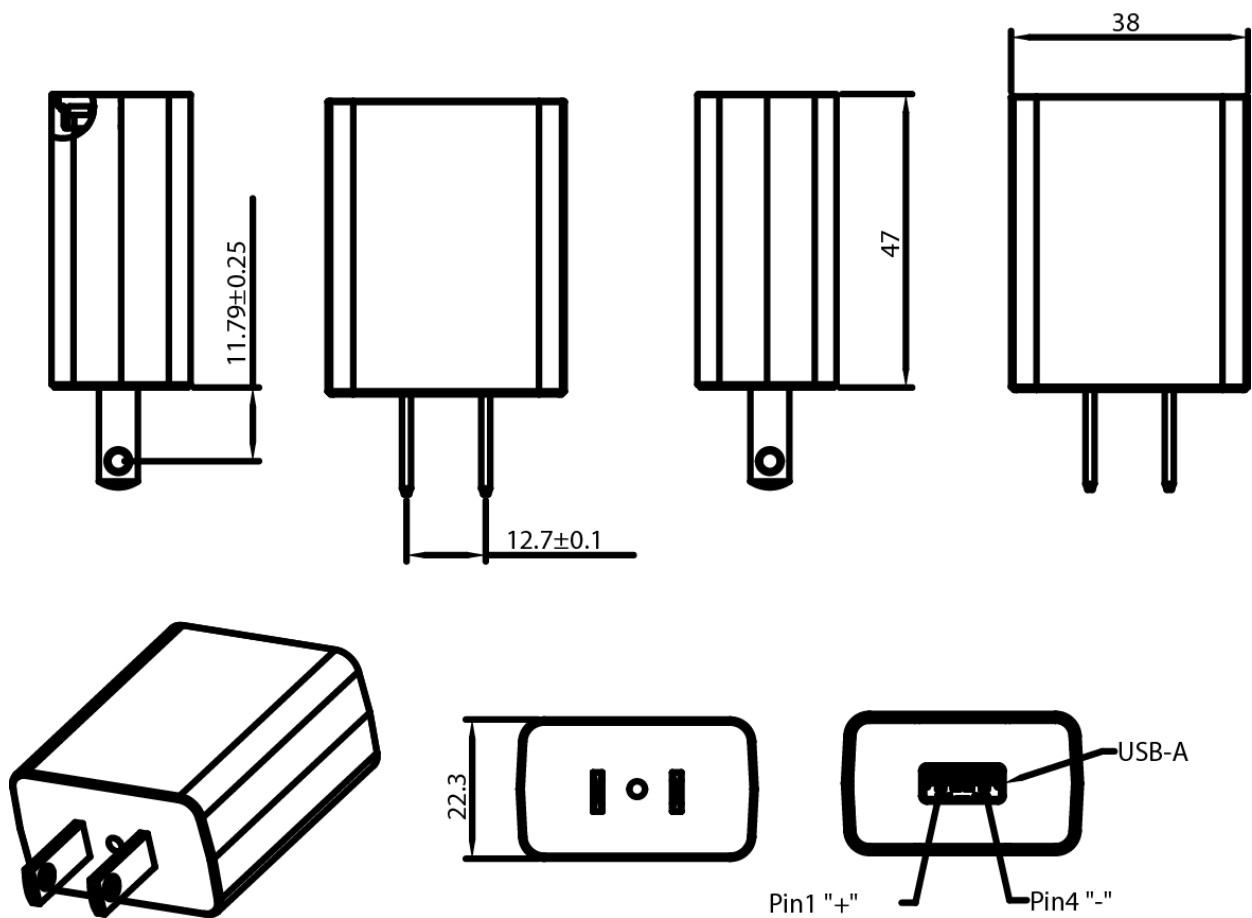
Short Circuit Protection

Auto recovery and no component damage

DC Output Connector

USB A

Dimension Diagram Unit: mm





Supplier's Declaration of Conformity
47 CFR § 2.1077 Compliance Information

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This device complies with/The devices in this product series comply with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Mouser Electronics

Authorized Distributor

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