



## 10 Watt F-Series Interchangeable Plug\* Adapter with DC Cord



\*plugs sold separately

### Features

- Folding Blades
- Constant Current for Battery Charging
- 15mm Thick with Blades Folded
- Standard Barrel or Micro-B
- Interchangeable AC Clips\*
- Level VI Efficiency Compliant
- No load power draw <0.10W

### Applications

- Tablets
- Networking Equipment
- Personal Electronics
- Peripherals

### Safety Approvals

- cUL/UL
- RCM <sup>(1)</sup>
- BSMI
- CE
- TUV-Brazil
- PSE

### Mechanical Characteristics

- Length: 60mm (2.36in)
- Width: 47mm (1.85in)
- Height: 15.0mm (0.59in)
- Weight: 67g (2.36oz)

### Output Specifications

| Model                           | DC Output Voltage |      |       | Load |      | Output Connector |
|---------------------------------|-------------------|------|-------|------|------|------------------|
|                                 | Min.              | Typ. | Max.  | Min. | Max. |                  |
| PSA10F-050-R                    | 4.75V             | 5V   | 5.25V | 0A   | 2A   | Micro-B          |
| PSA10F-050(P)-R <sup>(2)</sup>  | 4.75V             | 5V   | 5.25V | 0A   | 2A   | Standard Barrel  |
| PSA10FC-050-R <sup>(2)(3)</sup> | 4.75V             | 5V   | 5.25V | 0A   | 2A   | Micro-B          |

(1) May need registration by Australian local representative.

(2) Minimum order quantity applies for this model

(3) China Model

PhiHong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at [www.phihong.com](http://www.phihong.com) for the most up-to-date specifications and contact information.

**INPUT:****AC Input Voltage Range**

90 to 264VAC

**AC Input Voltage Rating**

100 to 240VAC

**AC Input Frequency**

47 to 63Hz

**AC Input Current**

0.3A RMS maximum at 120VAC

0.15A RMS maximum at 240VAC

**Leakage Current**

100uA maximum at 240VAC

**Inrush Current**

60A at 240VAC

**OUTPUT:****Output Power**

10W Continuous

**Efficiency**

DOE Level VI; EU CoC Ver5 Tier2

**Standby Power**

&lt;100mW at 230VAC

**Ripple and Noise**

100mVp-p at 0A-1A load

200mVp-p at 1A-2A load

**Current Limit**

2.5A when less than 3V (auto-restart)

**ENVIRONMENTAL:****Temperature**

Operating 0 to 40C

Non-operating -40 to +85C

Humidity 10 to 90%

**EMI**

Complies with FCC Class B

Complies with EN55032 Class B

**Immunity**

ESD: EN61000-4-2 Level 3

Radiated: EN61000-4-3 Level 2

EFT: EN61000-4-4 Level 2

Surge: EN61000-4-5 Level 3

C/T: EN61000-4-6 Level 2

PFMT: EN61000-4-8

VDT: EN61000-4-11

Harmonic: EN61000-3-2 Class A

Flicker: EN61000-3-3

**Dielectric Withstand (HI-POT) Test**

Primary to secondary: 3000VAC, 10mA, 60 seconds

**Insulation Resistance**

Primary to secondary: 500V &gt;7M OHM

**FEATURES:****Over Voltage Protection**

Auto-restart 6.3V maximum

**Short Circuit Protection**

Must withstand continuous short circuit

**Over Temperature Protection**

Auto shutdown without fault

**DC Output**

PSA10F-050 Micro-B USB: D+/D- Shorted

PSA10F-050(P) Standard Barrel: Center Positive

5.5x2.1x10mm

**AC Input**

US Fixed Blade folding prong

## Interchangeable AC Clips (fit over US prongs) Sold Separately

FPBAG: FPE, FPK, FPS

FPB: Brazil

FPC: China

FPE: Europe

FPH: Korea

FPI: India

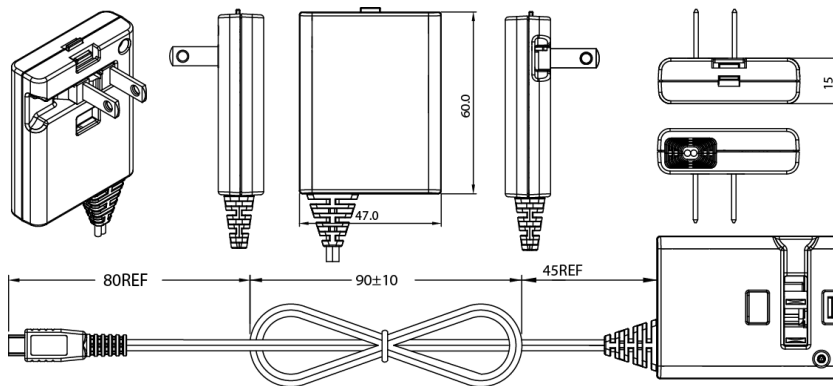
FPK: UK

FPN: Argentina

FPS: Australia

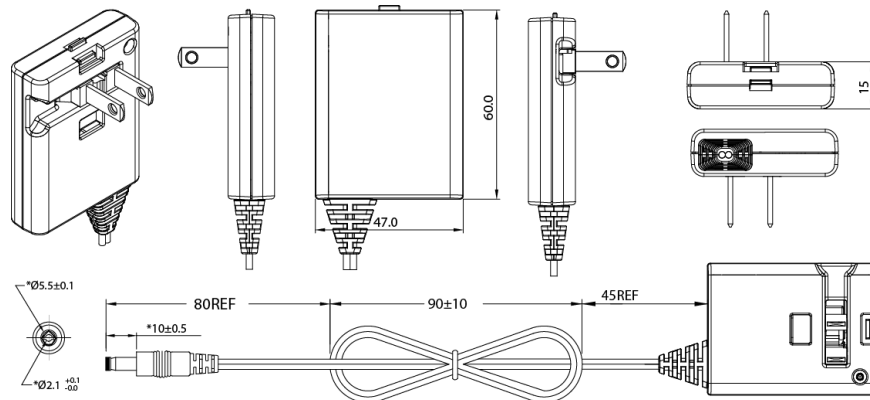
### PSA10F-050

Dimension Diagram Unit: mm



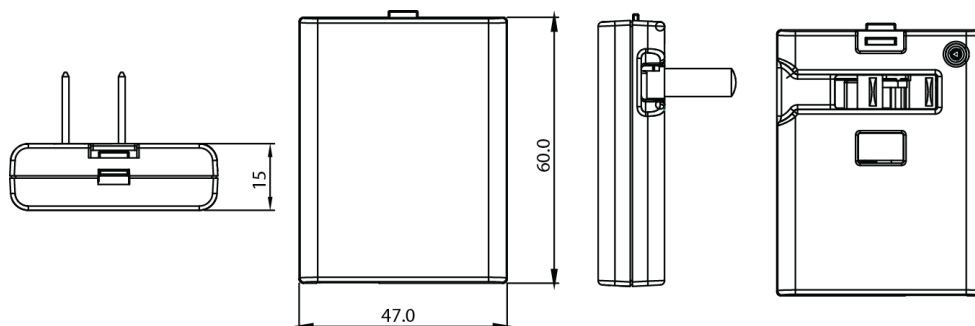
### PSA10F-050(P)

Dimension Diagram Unit: mm



### PSA10FC-050

Dimension Diagram Unit: mm



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

**PSA10F-050-R  
PSA10F-050(P)-R**

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NOTE: The models above have been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to equipment not expressly approved by PHIHONG could void the user's authority to operate the equipment.

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

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