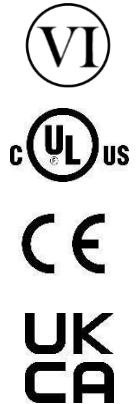




# 10W F-Series Interchangeable Plug Adapter with DC Cord



## **Features**

- Folding Blades
- 15mm Thick with Blades Folded
- Constant Current for Battery Charging
- DOE Level VI Efficiency Compliance
- Ecodesign/ErP Lot 7 (EU) 2019/1782 Compliance
- Interchangeable Clips (sold separately)
- 2.1mm x 5.5mm Barrel or USB Micro-B Connector options
- PSA10F-050-R charging scheme: Data Lines (Pins 2 and 3) Shorted

## **Applications**

- Tablets
- Personal Electronics
- Networking Equipment
- Peripherals

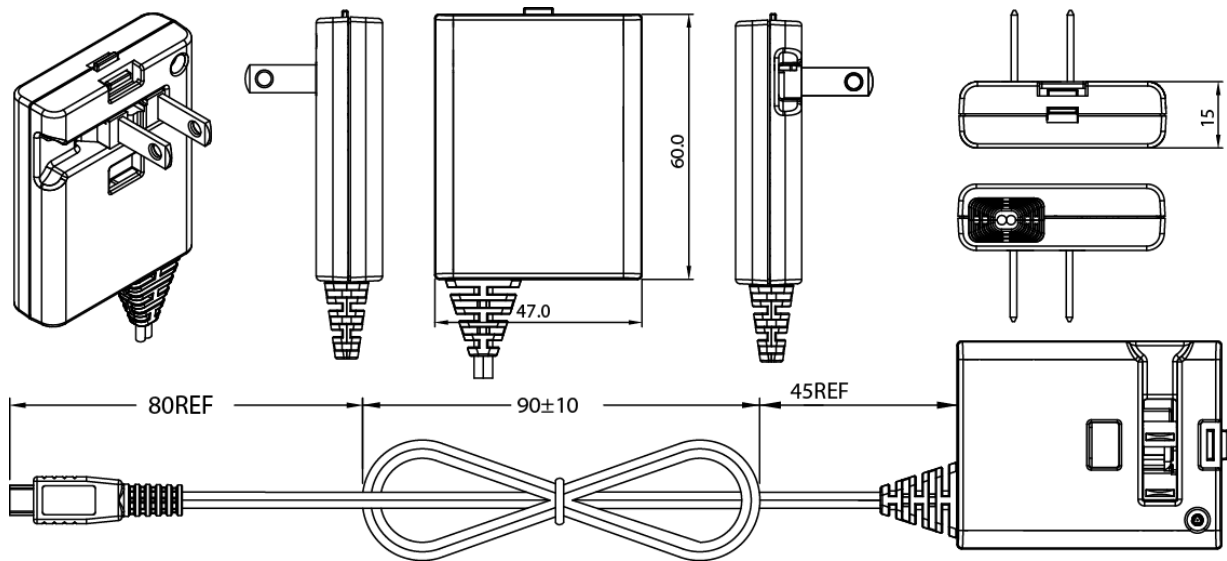


# PSA10F Specifications<sup>1</sup>

Model		PSA10F-050-R	PSA10F-050(P)-R <sup>2</sup>
Output	DC Output Voltage	5.0V	
	Max Current	2.0A	
	Output Power	10.0W	
	Regulation	± 5%	
	Ripple & Noise P-P(max) <sup>3</sup>	200mV	
Input	AC Input Voltage Range	90 to 264VAC	
	AC Input Frequency	47 to 63Hz	
	Input Current	0.3A RMS max @120VAC, 0.15A RMS max @240VAC	
	Inrush Current	60A at 240VAC	
	No Load Power Consumption at 115VAC Input	0.1W	
	No Load Power Consumption at 230VAC Input	0.075W	
	115VAC Average Efficiency <sup>4</sup>	78.70%	
	230VAC Average Efficiency <sup>4</sup>	79.0%	
	230VAC 10% Load Efficiency <sup>4</sup>	69.73%	
	Leakage Current	100uA max at 240VAC	
Protection	Over-Voltage	6.3VDC max. Auto-restart	
	Short Circuit	Must withstand continuous short circuit	
Environmental	Operating Temperature	0°C to +40°C	
	Non-Operating Temperature	-40° to +85°C	
	Operating Humidity	10 to +90%	
Safety Approvals and EMC	Dielectric Withstand (HI-POT)	Primary to Secondary: 3000VAC for 1min, 10mA	
	Insulation Resistance	DC 500V, >7M ohm	
	Standards	cULus 62368-1, IEC 62368-1	
	EMI Emissions	FCC Part 15 Class B, CAN ICES-003(B)/NMB-003(B), EN 55032/CISPR 32 Class B Conducted and Radiated	
	Harmonic Current Emissions	IEC 61000-3-2	
	Voltage Fluctuations & Flicker	IEC 61000-3-3	
	Immunity	EN 55035/CISPR 35: IEC 61000-4-2 (+/- 8kV air, +/- 4kV contact), IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5 (+/- 1kV), IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11	
Mechanical	Dimensions (L x W x H)	60.0mm (2.36in) x 47.0mm (1.85in) x 15.0mm (0.59in)	
	Weight	67g	
	AC Input	US fixed blade folding prong	
	DC Output Connector	USB Micro-B	2.1mm x 5.5mm x 10.0mm Barrel Center Positive Polarity
Notes	<ol style="list-style-type: none"> <li>The specifications defined are at ambient temperature of 25°C, unless otherwise specified.</li> <li>Special order item. Minimum order quantity applies.</li> <li>20MHz bandwidth frequency oscilloscope, add a 0.1µF multilayer Cap. and Low ESR Electrolytic Cap. (10µF) at output connector terminals (nominal line voltage, full load).</li> <li>Efficiency is measured after 30 minutes burn-in.</li> </ol>		

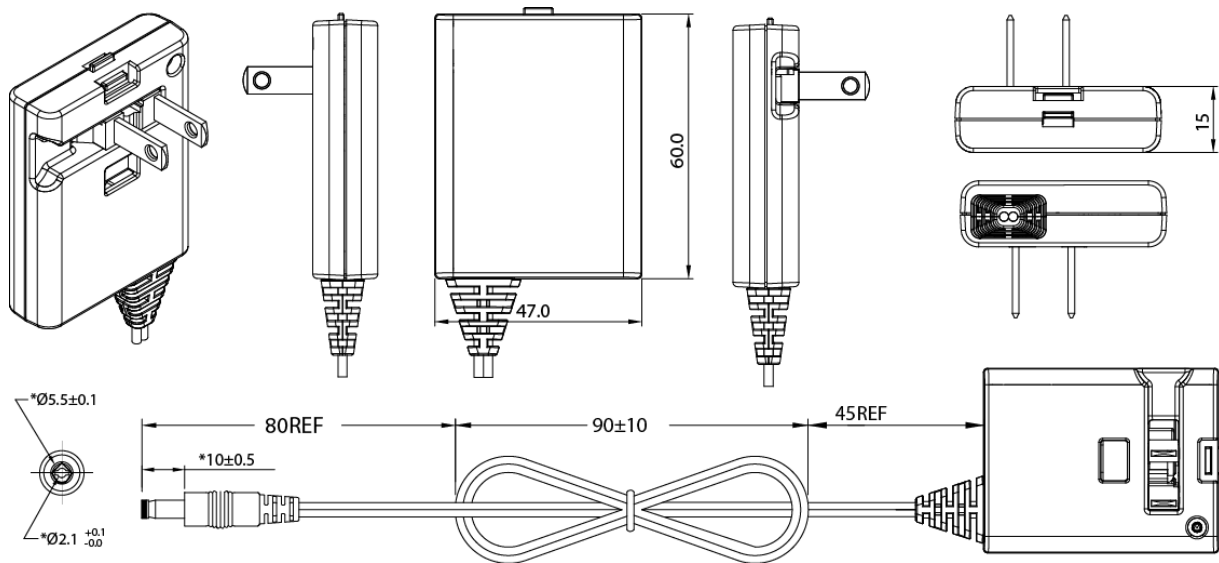


# PSA10F-050 Outline Drawing





# PSA10F-050(P) Outline Drawing






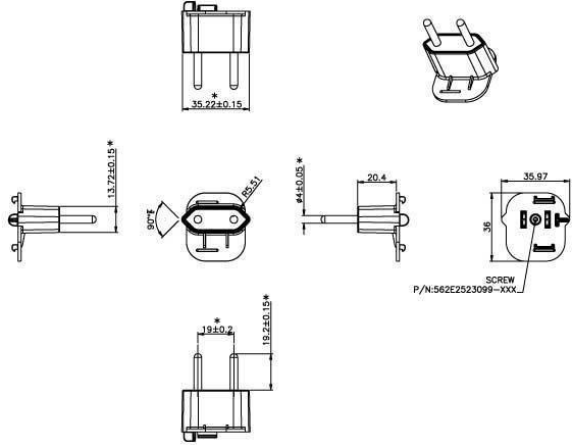

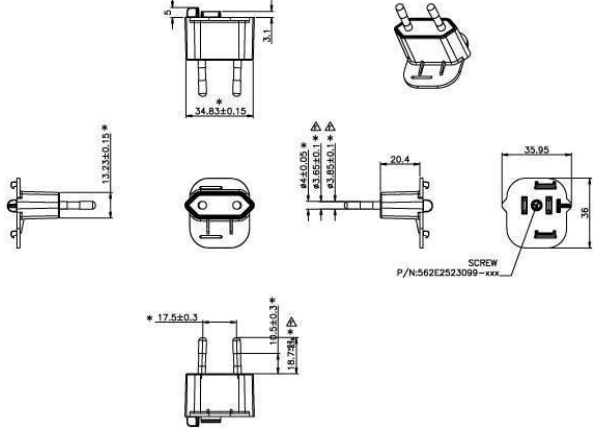

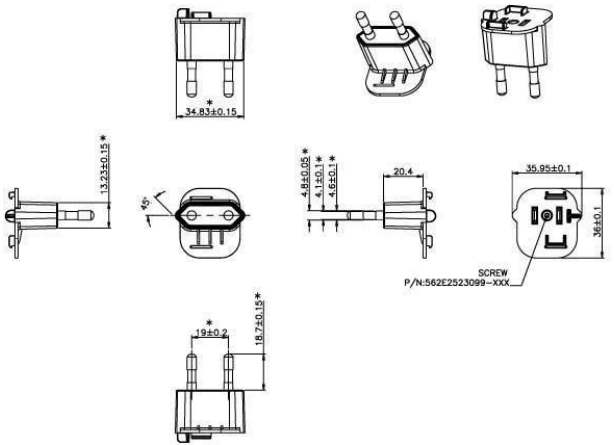
**Supplier's Declaration of Conformity**  
**47 CFR § 2.1077 Compliance Information**


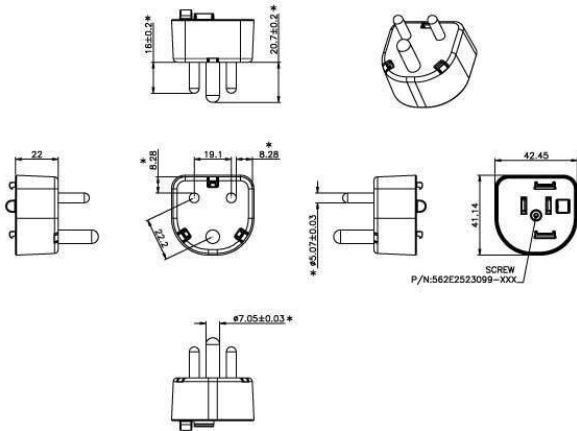

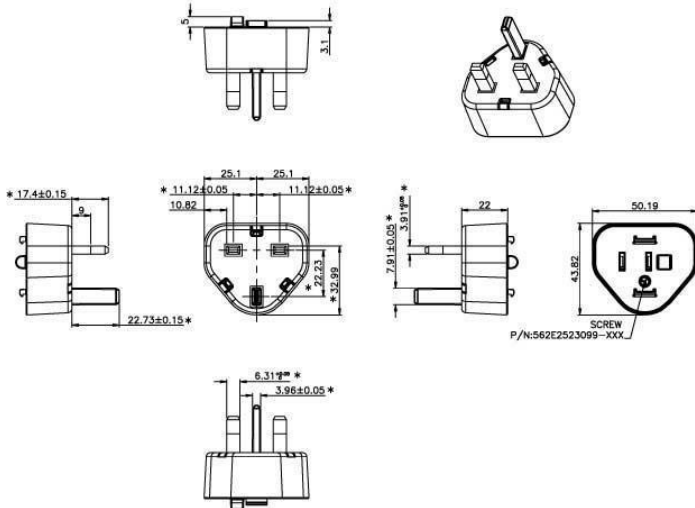

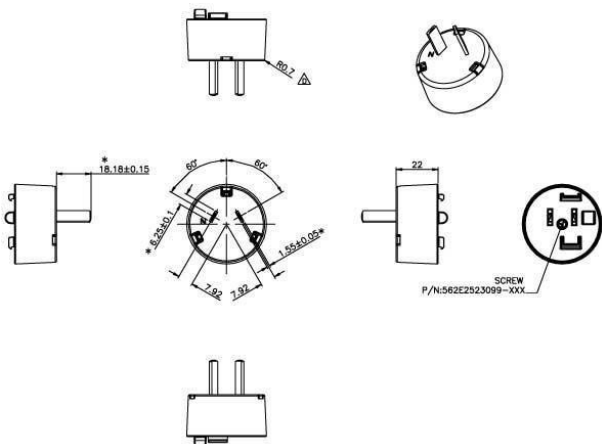
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*The devices in this product series comply with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including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



# AC Input Clips - Sold Separately

FPB-H – BRAZIL CLIP	Dimension Drawing Unit: mm
	
FPE-H – EUROPE CLIP	Dimension Drawing Unit: mm
	
FPH-H – KOREA CLIP	Dimension Drawing Unit: mm
	

FPI-H – INDIA CLIP	Dimension Drawing Unit: mm
	
FPK-H – UK CLIP	Dimension Drawing Unit: mm
	
FPN-H – ARGENTINA CLIP	Dimension Drawing Unit: mm
	

FPBAG1-H

EU & UK CLIP



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