



10 Watt Adapter - Compact Shirt Pocket Size PSA10A Flip Plug Series



Features

- 3 Position Folding Plug
- Plug Retracts in Case
- Splash Guard Case
- Double Insulated
- Fits Strips or Flat
- Power on LED

Applications

- Notebook Computers
- Portable Equipment
- Peripherals
- Networking

Safety Approvals Pending

- cUL 1950, Class II

Mechanical Characteristics

- Dimensions:
- Length: 85mm (3.35in)
 - Width: 54mm (2.1in)
 - Height: 19.8mm (0.78in)
 - Weight: 120gm (4.2oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple(1) P-P (max)	Regulation	
		Min.	Max.		Line	Load
PSA10A-050	5.0V	0A	2.0A	60mV	±2%	±5%
PSA10A-090	9.0V	0A	1.1A	90mV	±2%	±3%
PSA10A-120	12V	0A	0.83A	120mV	±2%	±3%
PSA10A-150	15V	0A	0.67A	150mV	±2%	±3%
PSA10A-240	24V	0A	0.42A	240mV	±2%	±3%

(1) Measured at full load by using a 12 inch twisted pair terminated with a 10mfd capacitor and a 0.1mfd ceramic in parallel

INPUT:**AC Input Voltage**

90 to 264 VAC

AC Input Frequency

47 to 63Hz

AC Input Current

0.4Arms (120VAC)

AC Inrush Current (Cold)

20A max. (120VAC)

40A max. (240VAC)

AC Surge Immunity:

IEC 61000-4-5, Level 3

Efficiency

70% typical

OUTPUT:**Hold-up Time**

10ms Full load, 120VAC

Overvoltage Protection

>120-140% maximum

ENVIRONMENTAL:**Operation Temperature
(Convection)**

0 to 40°C

Storage Temperature

-20 to +85°C

Humidity

10 to 90% RH (Non-condensing)

Emissions

FCC Class B

EN 55022 B

Immunity

61000-4-2, Level 3

GENERAL:**Leakage Current**

<0.25mA (@240VAC)

Dielectric Withstand (Hipot)

Input to Output

3000VAC, 1 min., 10mA

Switching Frequency

100KHz (typical)

MTBF (Full Load, 25°C)

100K Hrs.

MIL-HDBK-217F

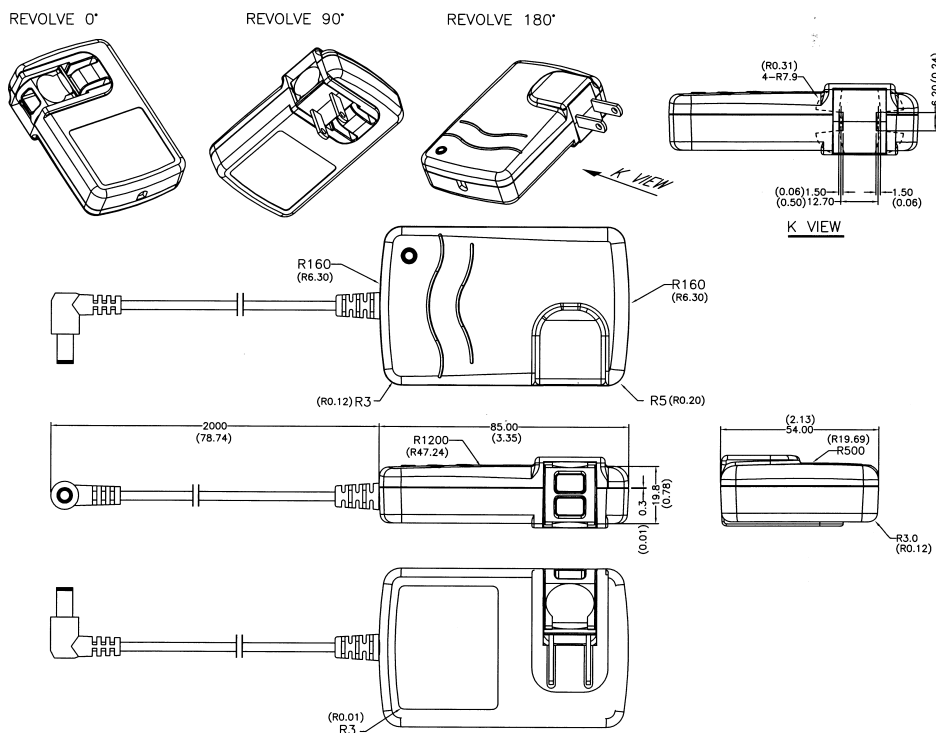
Power On Indicator

Green LED

DC Output Connector

2.1mm x 5.5mm x mm Coaxial

Plug; Center Positive Standard

Dimension Diagram Unit: mm (inch)

Mouser Electronics

Authorized Distributor

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

Phihong:

[PSA-10A-050](#) [PSA-10A-090](#) [PSA-10A-120](#) [PSA10A-120-R](#) [PSA-10A-090M](#) [PSA-10A-150](#) [PSA-10A-240](#) [PSA10A-150N](#) [PSA10A-050-R](#) [PSA10A-090-R](#) [PSA-10A-240VT CONVERSION](#)