



## 20 Watt Interchangeable Plug Series



Interchangeable Clips Sold Separately



### Features

- Efficiency Level VI Compliant
- Class B EMI
- Ecodesign ErP Directive 2009/125/EC Level 2 annex 1b Compliant
- No-load Power Saving
- High Efficiency
- Compact Size
- Class II Double Insulated

### Applications

- Peripherals
- Gaming Machines
- Point of Sale Equipment
- Network Equipment

### Safety Approvals

- UL/cUL 60950-1
- CE
- CB
- SAA+C-TICK+MEPS

### Mechanical Characteristics

- Length: 82.7mm (3.26in)
- Width: 55mm (2.17in)
- Height: 39mm (1.54in)
- Weight: 180g (6.35oz)

### Output Specifications

Model	DC Output Voltage	Load		Regulation		Ripple <sup>1</sup> P-P (max.)	Output Power
		Min.	Max.	Line	Load		
PSAA20R-050L6	5V	0A	4.00A	±5%		100mV	20W

Notes:1- Measured with by-pass capacitors 0.1uF/10uF at output connector terminal & oscilloscope set at 20 MHz.(30 minute warm up period)

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**Input:****AC Input Voltage Rating**

100 to 240V AC

**AC Input Voltage Range**

90V AC to 264V AC

**AC Input Frequency**

47 to 63Hz

**Input Current**

0.8A (RMS) Max. @120VAC &amp; Max. load

0.5A (RMS) Max. @240VAC &amp; Max. load

**Leakage Current**

0.25mA maximum at 264V AC/60Hz

**Inrush Current**

60A Max. @100VAC &amp; Max. load

100A Max. @240VAC &amp; Max. load (Cold start at ambient 25°C)

**Input Power Saving**

&lt;0.1W Max. @230VAC, 50Hz

**Output****Efficiency**

DOE Level VI

**Hold-up Time**

10ms Min. @ full load 115VAC/ 60Hz

**Over-Current Protection**

Auto Restart.

**Short-Circuit Protection**

Output can be shorted permanently without damage

**Over Voltage Protection**

10VDC max

**Environmental:****Temperature**

Operation 0 to +40°C

Non-operation -20 to +75°C

Humidity 20 to 90%

**Emissions**

Complies with FCC Class B

Complies with EN55032 Class B

**Immunity**

EN61000-4-2 Level 4

EN61000-4-3 Level 2

EN61000-4-4 Level 2

EN61000-4-5 Level 2

EN61000-4-6 Level 2

EN61000-4-8 Level 1

EN61000-4-11

**Dielectric Withstand (Hi-pot) Test**Primary to Secondary: 3000 Vac or 4242 Vdc ,  
10 mA 1minute. 3600 Vac or 5090 Vdc , 10  
mA 3Second.**DC Output Connector**2.1mm x 5.5mm x 10mm Center conductor  
positive**DC Cord Length**

1000mm

**AC Input clips (sold separately)**

RPA – US

RPB – Brazil

RPC – China

RPE – Europe

RPH – Korea

RPI – India

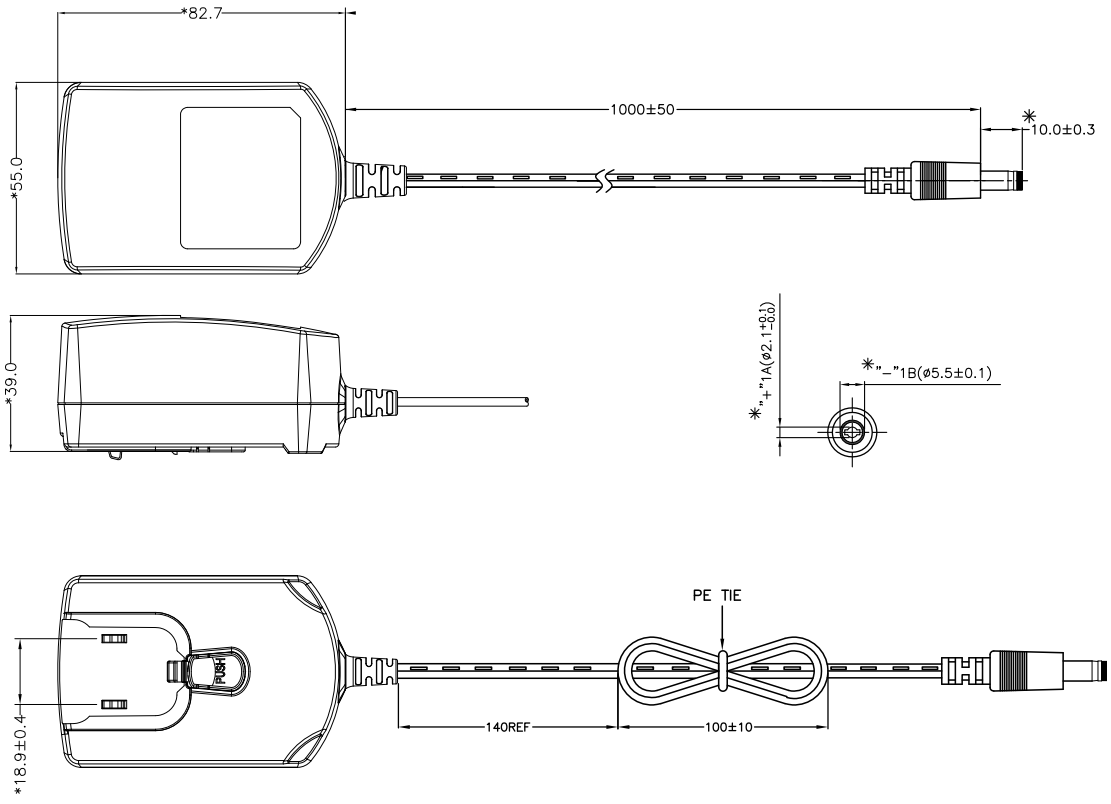
RPK – UK

RPN – Argentina

RPS – Australia

RPX – IEC320 C8

**Dimension Diagram Unit: mm (inch)**



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