5W Interchangeable Plug Series
PSA05R Adapter Meets CEC and EISA Requirements

Features
- Double Insulated
- Field Changeable AC Plugs
- Efficiency Level IV Compliance
- Low Leakage Current
- Low Cost
- Class B EMI

Applications
- MPEG Players
- PDA
- Personal Electronics
- Digital Camera

Safety Approvals
- cUL/UL
- TUV
- CE
- SAA
- C-Tick

Mechanical Characteristics
- Length: 71.7mm (2.82in)
- Width: 45mm (1.77in)
- Height: 28.9mm (1.14in)
- Weight: 120g (4oz)

Output Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>DC Output Voltage</th>
<th>Load</th>
<th>Ripple (1) P-P (max)</th>
<th>Regulation Line</th>
<th>Regulation Load</th>
<th>Efficiency Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSA05R-033</td>
<td>3.3V</td>
<td>0A</td>
<td>1.2A</td>
<td>50mV</td>
<td>±5%</td>
<td>IV115VAC III</td>
</tr>
<tr>
<td>PSA05R-050</td>
<td>5V</td>
<td>0A</td>
<td>1.0A</td>
<td>50mV</td>
<td>±5%</td>
<td>IV</td>
</tr>
<tr>
<td>PSA05R-090</td>
<td>9V</td>
<td>0A</td>
<td>0.56A</td>
<td>90mV</td>
<td>±5%</td>
<td>V</td>
</tr>
<tr>
<td>PSA05R-120</td>
<td>12V</td>
<td>0A</td>
<td>0.42A</td>
<td>120mV</td>
<td>±5%</td>
<td>IV</td>
</tr>
</tbody>
</table>

Note:  (1) Measured after 10 minutes with by-pass capacitors 0.1uf // 10uf at output connector terminal.

Interchangeable clips sold separately.

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PSA05R Characteristics

INPUT:
**AC Input Voltage Rating**
100 to 240VAC

**AC Input Voltage Range**
90 to 264VAC

**AC Input Current**
0.25A(RMS) max. @ 120VAC
0.125A(RMS) max. @ 240VAC

**Leakage Current**
0.25mA max. @ 254VAC

**Inrush Current (cold)**
< 30A for 120VAC at max. load
< 60A for 240VAC at max. load
(Cold start @ ambient 25°C)

**Input Power Saving (at no load)**
0.3W maximum for 9V model
0.5W maximum for 3.3V, 5V and 12V models

**OUTPUT:**
**Efficiency**
≥ 72.3% average efficiency for 9V model
≥ 64.5% average efficiency for 5V and 12V models
≥ 62.4% average efficiency at 115VAC, ≥ 61.4%
average efficiency at 230VAC for 3.3V model

**Hold-up Time**
10mS min. @ 120VAC and max. load

**Circuit Protection**
> 120%, auto restart

**Over-voltage Protection**
> 120%, Zener Clamp

**ENVIRONMENTAL:**
**Temperature**
Operation 0 to +40°C
Non-operation -25 to +85°C

**Humidity**
Operation 10 to 90%

**Emissions**
FCC Class B
EN55022 Class B

**Dielectric Withstand (Hi-pot) Test**
Primary to Secondary: 3000VAC

**DC Output Connector**
2.1x5.5mm Center Positive Standard

**Mating Connector**
Kycon KLD-0202-A or equivalent

**AC Input Clips (sold separately)**
US: RPA
Europe: RPE
UK: RPK
Australia: RPS

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

![Dimension Diagram](image-url)