



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





## 10Watt Interchangeable Plug Series PSM10R Series meets Level VI Efficiency Requirements



### Features

- Double Insulated
- Class B EMI
- Level VI Efficiency Compliant
- Limited Power Source (LPS)

### Applications

- Wireless Communications
- Network Equipment
- Peripherals
- Gaming

### Safety Approvals

- UL 60950-1
- RCM
- CB
- CE

### Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Width: 45mm (1.77in)
- Height: 30.79mm (1.21in)
- Weight: 68g (2.4oz)

### Output Specifications

Model	DC Output Voltage	Load		Ripple <sup>(1)</sup> P-P (max.)	Efficiency Level
		Min.	Max.		
PSM10R-050A	5V	0A	2A	200mV	VI

Note (1): Ripple measured by using a 12-inch twisted pair terminated with 10uF capacitor and 0.1uF ceramic in parallel with oscilloscope set to 20Mhz measured after a warm-up of 10minutes.

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

100 to 240VAC

**AC Input Voltage Range**

90 to 264VAC

**AC Input Current**

0.5A (RMS), 115VAC at maximum load

0.25A (RMS), 230VAC at maximum load

**AC Input Frequency**

47 to 63Hz

**In-rush Current**

30A for 120VAC at maximum load

60A for 240VAC at maximum load

(cold start at ambient 25°C)

**Leakage Current**

0.25mA max at 264VAC/50Hz

**DC Output**

Output Power

10W

**Efficiency**

DoE Level VI

CoC Ver5 Tier 2

**Hold up time**

10mS min @115VAC/60Hz, max load

**Environmental Temperature**

Operation 0°C to +40°C

Non-operation -40°C to +85°C

Humidity 10 to 90%

**EMI**

FCC class B, EN55022 Class B

**Immunity**

EN61000-4-2 Level 3

EN61000-4-3 Level 2

EN61000-4-4 Level 2

EN61000-4-5 Level 2

EN61000-4-6 Level 3

EN61000-4-11

EN61000-4-12

EN61000-3-2 Class A

EN61000-3-3

**Insulation Resistance**

&gt;50M ohm 500VDC

**Over Current Protection**

Short Circuit Auto-restart

**Short Circuit Protection**

Output can be shorted without damage

**Over Voltage Protection**

10VDC max at full load

**Dielectric Withstand (Hi-pot) Test**

Primary to Secondary: 3000V AC for 1 min., 10mA

**DC Cord**

1200mm (18~24AWG)

**DC Output Connector (Tuning Fork Type)**

5.5mm x 2.1mm x 10mm Center Positive

**Interchangeable AC Clips**

RPA: US RPK: UK

RPB: Brazil RPI: India

RPC: China RPN: Argentina

RPE: Europe RPS: Australia

RPH: Korea

(Sold Separately)

RPX:IEC320 C8

**Isolation (HI-POT test)**

Primary to secondary 3000VAC for 1 minute, 10mA

**Dimension Diagram Unit:mm**

