



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

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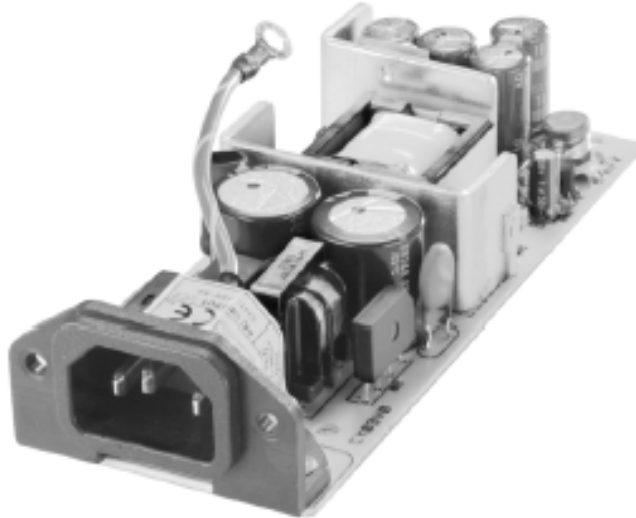
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**25W Universal Input, Compact PCB  
PSA25LS Open Frame with C14 Connector**



**Features**

- Compact 2" x 5" PCB
- CISPR 22B ; FCC B EMI
- Low .85" Profile
- Integral AC Connector

**Applications**

- Networking
- Compact Equipment
- Peripherals and Terminals
- Microcomputers

**Safety Approvals**

- cUL 1950
- CE (Low Voltage Directive)
- TUV EN60950

**Mechanical Characteristics**

- Length: 127mm (5in)
- Width: 50.8mm (2in)
- Height: 21.4mm (0.85in)
- Weight: 135g (4.7oz)

**Output Specifications**

Model <sup>(1)</sup> (3 Wire Version)	DC Output Voltage	Load		Ripple* P-P (max.)	Regulation		Max Power
		Min.	Max.		Line	Load	
PSA25LS-033	3.3V	0A	5A	50mV	±1%	±2%	16.5W
PSA25LS-050	5.0V	0A	5A	50mV	±1%	±2%	25.0W

\*Measured at maximum load by using a 12-inch twisted pair, terminated with a 10mfd capacitor and 0.1mfd ceramic in parallel.

Note (1) – Minimum order quantity of 1000 pieces required for this series

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

100 to 240V AC

**AC Input Voltage Range**

85 to 260V AC

**AC Input Frequency**

47 to 63Hz

**Input Current**

0.8A (RMS) at 120V AC

0.4A (RMS) at 240V AC

**Leakage Current**

3.5mA maximum at 254V AC

**Inrush Current**

30A maximum at 120V AC

60A maximum at 240V AC

**Hold-up Time**

16.7mS minimum at maximum load and 120V AC

**Output:****Efficiency**

75% typical at maximum load and 115V AC

**Over-Voltage Protection**

Zener Diode Clamping

**Over-Current Protection**

Short Circuit Protection – Auto-Restart

**Short-Circuit Protection**

Output can be shorted without damage

**Environmental:****Temperature**

Operation 0 to 50°C

Non-operation -25 to +75°C

**Humidity**

Operation 0 to 85% non-condensing

**Emissions**

FCC Class B

EN55022 Class B

**Immunity**

EN50082-1: 1997

EN61000-4-2 Level 3

EN61000-4-3 Level 2

EN61000-4-4 Level 2

EN61000-4-5 Level 3

EN61000-4-6 Level 2

EN61000-4-11

**General:****Insulation Resistance**

Input to Output: 500V DC 10M Ohm minimum

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

Input to Output: 3000V AC for 1 min., 10mA

Input to Ground: 1500V AC for 1 min, 10mA

**Switching Frequency**

100KHz (typical)

**MTBF (Full load and 110V AC, 25°C)**

MIL-HDBK-217F: 150K hrs

**AC Input Connector (Molex or Equivalent)**

EN60320/C14

**DC Output Connector**

Molex 09-65-2048 or equivalent

