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

25 Watt Single and Multiple Output
PSA25L Compact Open Frames
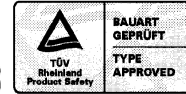
Features

- 3.6"x 2.48" Footprint
- Low Profile fits 1U Height Requirement
- Low Cost
- Over Voltage and Short Circuit Protection

Applications

- Networking
- Compact Equipment
- Peripherals and Terminals
- Microcomputers

Safety Approvals

- cUL/UL
- CE (Low Voltage Directive)
- TUV

Mechanical Characteristics

- Length: 91.5mm (3.6inch)
- Width: 63mm (2.48inch)
- Height: 29mm (1.14in)
- Height: 33.5mm (1.32in) for PSA25L-301
- Weight: 150gm (5.33oz.)

Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max.)	Regulation Line / Load	
		Min.	Max.			
PSA25L-033	+3.3V	0.05A	5A	50mV	±50mV	±100mV
PSA25L-050	+5V	0.05A	4A	50mV	±50mV	±100mV
PSA25L-120	+12V	0.05A	2A	120mV	±50mV	±100mV
PSA25L-150	+15V	0.05A	1.7A	150mV	±50mV	±100mV
PSA25L-240	+24V	0.05A	1A	240mV	±50mV	±100mV
PSA25L-201	+5V	0.2A	2.6A	50mV	±3%	±5%
	+12V	0A	1A	120mV	±3%	±5%
PSA25L-202	+5V	0.2A	2.6A	50mV	±1%	±2%
	+24V	0A	0.5A(1A PK)	240mV	±1%	±2%
PSA25L-301	+5V	0.2A	2A	50mV	±1%	±5%
	+12V	0.1A	1A	120mV	±1%	±10%
	-12V	0A	0.3A	120mV	±1%	±5%

(1) Measured by using a 12 inch twisted pair terminal with a 10uF capacitor and a 0.1uF ceramic capacitor in parallel.

Phihong reserves the right to make changes without further notice. Please consult Phihong USA and visit www.phihong.com for the most up-to-date specifications.

INPUT:

AC Input Voltage Rating
100 to 240VAC

AC Input Voltage Range
90 to 264VAC

AC Input Frequency
47 to 63Hz

Input Current
0.8-1A (rms) maximum @ 120VAC
0.4-0.5A (rms) maximum @ 240VAC

Leakage Current
<0.25mA 254VAC, 60Hz

Inrush Current
30A for 120VAC at maximum load
60A for 240VAC at maximum load
(Cold start @ ambient 25°C)

OUTPUT:

Efficiency
70% minimum

Hold-up Time
16mS minimum @ maximum load, and 120VAC 60Hz

Over-Voltage Protection
By Zener Diode Clamping

Short Circuit Protection
Output equipped with short circuit protection – auto restart
Output can be shorted permanently without damage

ENVIRONMENTAL:

Temperature
Operation   0 to +40°C
Non-operation   -25 to +75°C

Humidity
Operation   0 to 85% Non-Condensing
Non-operation   0 to 90% Non-Condensing

Emissions
Conducted:
FCC Class B
EN55022 Class B

Radiated:
FCC Class A
EN55022 Class A

Dielectric Withstand (Hi-pot) Test
Input to output: 3000VAC for 1minute 10mA

Insulation Resistance
Input to output: >10M OHM, 500VDC

Input Connector
Molex 09-50-3031 or equivalent

Output Connector
Single and Dual output:
Molex 09-50-3051 or equivalent
Single: Pin 1: NC; Pin 2, 3: COM; Pin 4, 5: V1
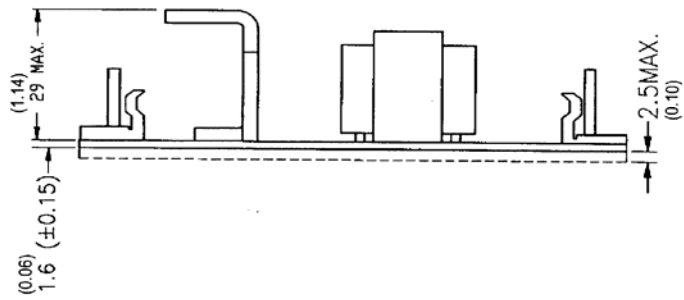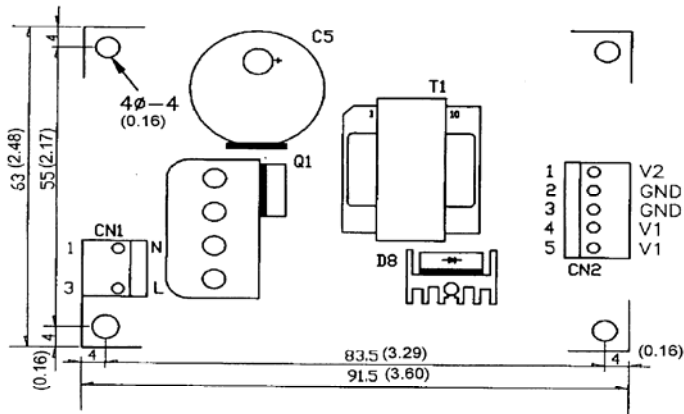Dual: Pin 1: V2; Pin 2, 3: COM; Pin 4, 5: V1
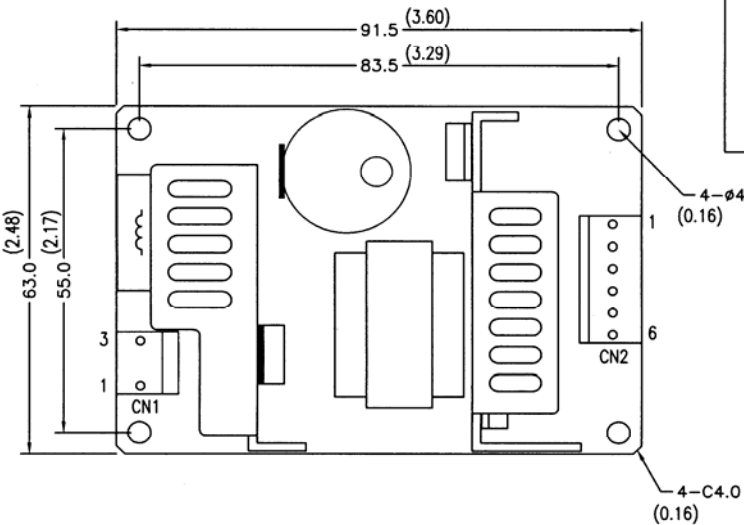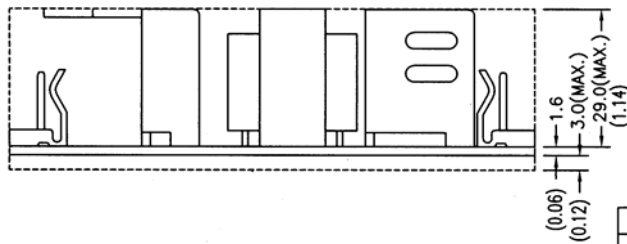
Triple output:
Molex 09-50-3061or equivalent
Pin 1: V2; Pin 2, 3: V1; Pin 4, 5: COM; Pin 6: V3

Single and Dual Outputs:

NO.	Description
CN1	
1	V2
2	GND
3	GND
4	V1
5	V1

Triple Output:

	NO.	Description
CN1	1	L
	3	N
CN2	1	+12V
	2	+5V
	3	+5V
	4	COM
	5	COM
	6	−12V