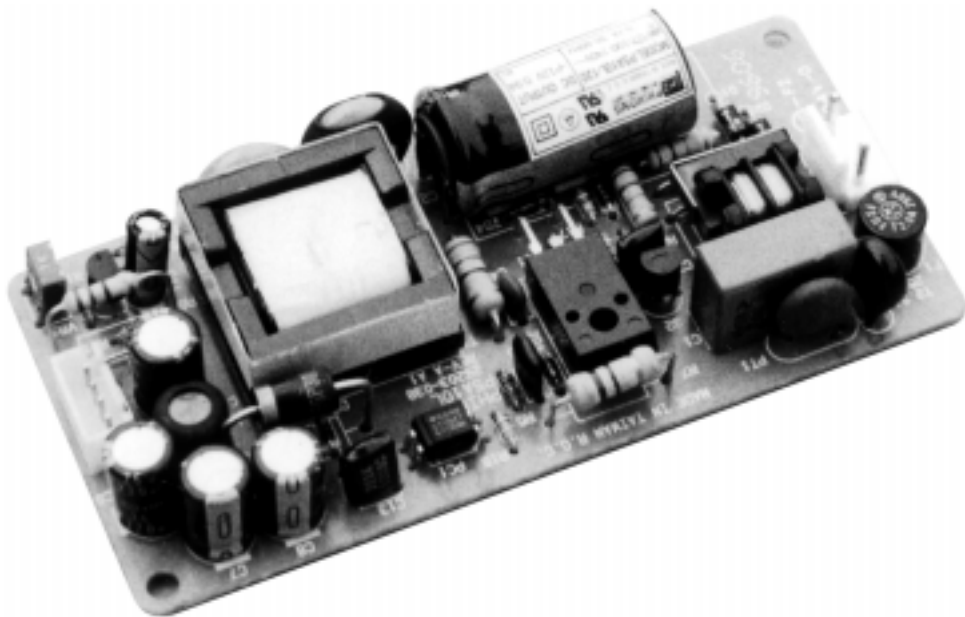


10W Universal Low Profile Series
.....
PSA-10L Series Open Frame Switchers



Features

- Cross to Japanese models
- CISPR 22B; FCC B EMI
- Extended Design Life
- ISO 9001 Quality System

Applications

- Networking
- Compact Equipment
- Peripherals and Terminals
- Microcomputers

Safety Approvals

- UL 1950
- CSA 22.2 234
- TUV IEC 950 EN60950

Mechanical Characteristics

- Dimensions:
- Length: 105mm (4.1in)
 - Width: 50mm (1.97in)
 - Height: 21mm (0.8in)
 - Weight: 0.75gm (0.17lb)

Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P	Regulation	
		Min.	Max.		Line	Load
PSA-10L-050	5V	0A	2.0A	80mV	20mV	40mV
PSA-10L-120	12V	0A	0.9A	120mV	48mV	100mV
PSA-10L-150	15V	0A	0.7A	150mV	60mV	120mV
PSA-10L-240	24V	0A	0.5A	240mV	96mV	150mV

(1) Measured at 10W by using a 12 inch twisted pair terminated with a 10mfd capacitor and a 0.1mfd ceramic in parallell.

OPEN

ISO 9001 • BABT • MITI
Facility Approvals



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10W Universal Low Profile Series

PSA-10L Series Open Frame Switchers

Characteristics

Ac Input Voltage

85 to 264 VAC

AC Input Frequency

47 to 440Hz

AC Input Current

0.25Arms (120VAC)

0.16Arms (240VAC)

AC Inrush Current (Cold)

20A max. at 120VAC

40A max. at 240VAC

Leakage Current

Less than 500µa (240VAC)

Efficiency

75% @ 10W 120VAC, 60Hz

Hold-up Time

10msec., 10W load, 85VAC

20msec., 10W load, 100VAC

Switching Frequency

50KHz, typical

Overvoltage Protection

>115% (Zener Clamped)

Overcurrent Protection

>110%, Auto Restart

Operation Temperature (Convection)

-10 to 50°C, derated to 75% at 60°C

Storage Temperature

-25 to +75°C

20 to 90% RH (Non-condensing)

MTBF

200,000 Hrs. minimum

(Full load, high line, 25°C)

EMI

FCC Class B

IEC EN55022B

VFG243

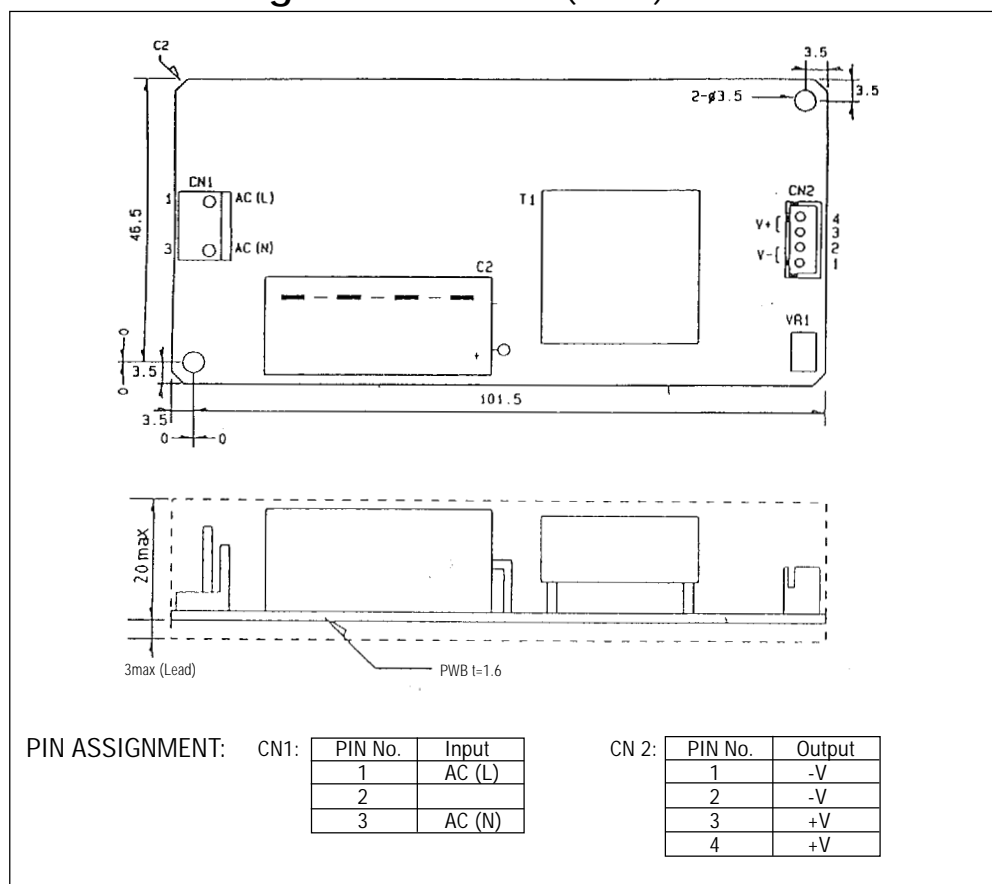
AC Input Connector

JST B3P-VH

DC Output Connector

JST B4B-XH-A

Dimension Diagram Unit: mm (inch)



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Phihong:

[PSA-10L-050](#) [PSA-10L-120](#) [PSA-10L-150](#) [PSA-10L-240](#)