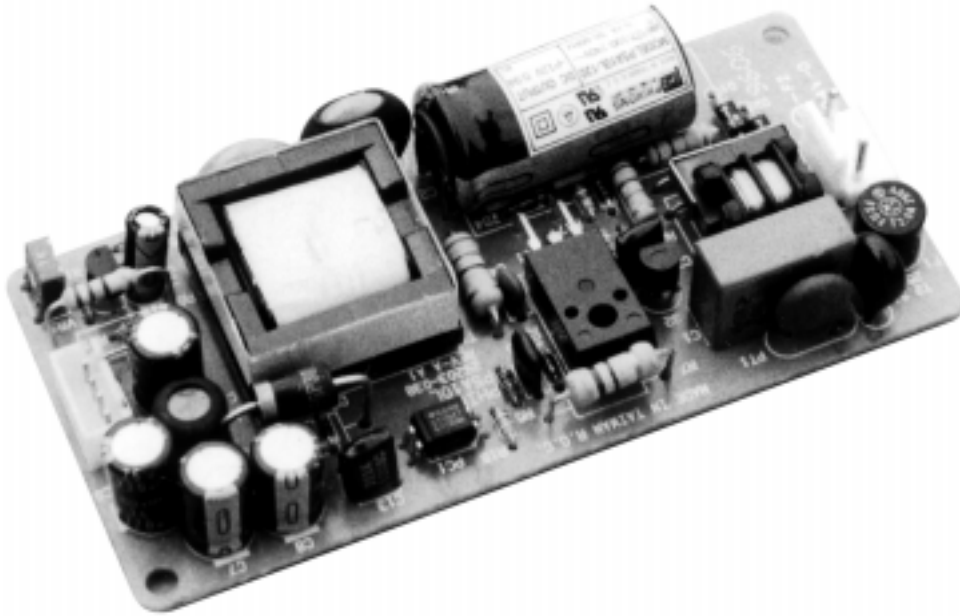


# 10W Universal Low Profile Series

## PSA-10L Series Open Frame Switchers



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### 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 parallel.

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### Characteristics

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|--|--|
| <b>Ac Input Voltage</b><br>85 to 264 VAC                                     | <b>Overvoltage Protection</b><br>>115% (Zener Clamped)                           |
| <b>AC Input Frequency</b><br>47 to 440Hz                                     | <b>Overcurrent Protection</b><br>>110%, Auto Restart                             |
| <b>AC Input Current</b><br>0.25Arms (120VAC)<br>0.16Arms (240VAC)            | <b>Operation Temperature (Convection)</b><br>-10 to 50°C, derated to 75% at 60°C |
| <b>AC Inrush Current (Cold)</b><br>20A max. at 120VAC<br>40A max. at 240VAC  | <b>Storage Temperature</b><br>-25 to +75°C<br>20 to 90% RH (Non-condensing)      |
| <b>Leakage Current</b><br>Less than 500µa (240VAC)                           | <b>MTBF</b><br>200,000 Hrs. minimum<br>(Full load, high line, 25°C)              |
| <b>Efficiency</b><br>75% @ 10W 120VAC, 60Hz                                  | <b>EMI</b><br>FCC Class B<br>IEC EN55022B<br>VFG243                              |
| <b>Hold-up Time</b><br>10msec., 10W load, 85VAC<br>20msec., 10W load, 100VAC | <b>AC Input Connector</b><br>JST B3P-VH  |
| <b>Switching Frequency</b><br>50KHz, typical                                 | <b>DC Output Connector</b><br>JST B4B-XH-A                                       |



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### Dimension Diagram Unit: mm (inch)

