

# LP0101T-( )( )P SERIES

## 5-10 Watt AC/DC Mini Adapter

- ◆ Single Input 90 to 132 VAC
- ◆ EMI Meets FCC Class B
- ◆ Continuous Short Circuit Protection
- ◆ Designed to Meets UL, CSA Safety Standards



### SPECIFICATIONS

All specifications are typical at nominal line, full load and 25°C unless otherwise noted.

### INPUT SPECIFICATIONS

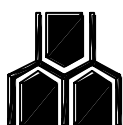
Input Voltage Range ..... 90-132VAC  
Input Frequency ..... 47-63 Hz  
Inrush Current ..... No component damage

### GENERAL SPECIFICATIONS

Hold-up Time ..... 10mS typ.  
Leakage Current ..... 0.25mA max.  
Short Circuit Protection ..... Continuous  
Overvoltage Protection ..... Option  
Continuous Output Power ..... 10W max.  
Hi-pot Isolation: Input / Output ..... 1414 VDC

### ENVIRONMENTAL SPECIFICATIONS

Operating Temperature Range ..... 0°C to 40°C  
Derating 40°C to 50°C ..... 2%/°C  
Temperature Coefficient ..... ±0.02%/°C  
Storage Temperature Range ..... -40°C to +85°C  
Humidity, Non-Condensing ..... 0 to 95% RH  
Cooling ..... Free- Air Convection  
EMI ..... Meets FCC Class B Specification



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## OUTPUT SPECIFICATIONS

Model Number	Output Voltage (Volts)	Output Current (Amps)		Max. Power (Watt)	Efficiency (typ.)	Ripple <sup>1</sup> P-P (mV)	Total Regulation <sup>2</sup>
		Min.	Rated				
LP0101T-03P	3.3	0	1.5	5	65%	50	+8/-6%
LP0101T-04P <sup>3</sup>	3.3	0	2.0	6.6	65%	75	+8/-6%
LP0101T-05P	5	0	2.0	10	70%	75	+8/-6%
LP0101T-09P	9	0	1.11	10	70%	90	±5%
LP0101T-12P	12	0	0.83	10	70%	120	±5%

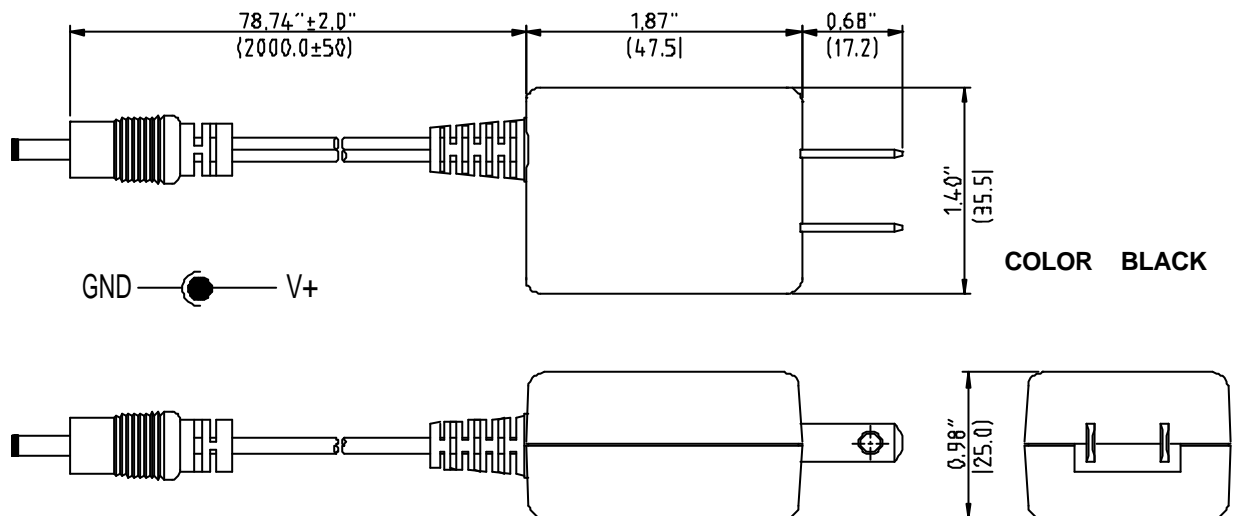
### NOTES:

1. Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to the output cable. Peak to peak and RMS metering equipment shall have a 20 MHz response with probes and cables maintaining frequency response from 200 Hz to 100MHz bandwidth. Output ripple and spikes are measured directly at the output terminals of the power supply without the use of the probe ground clip.
2. Total regulation is defined as the static output regulation at 25°C, including initial tolerance, line voltage and load current within stated limits.
3. LP010T-04P output cable length is 150 cm.

## PHYSICAL SPECIFICATIONS

Weight : 85g

Case Material :PC+ ABS Plastic UL94V-0 Flammability Rated



## DC plug & pin assignment (CUSTOM DESIGN IS AVAILABLE) IN 2.5/ OUT5.5 DC PLUG FEMALES

### NOTES:

1. All dimensions in inches (mm).
2. Tolerance (except cable length): .xx = ±0.04  
.xxx = ±0.010



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LP0101T-00P

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