



Size: 3.15 x 5.12 x 1.6"

**Input**

Input Voltage 90-264 VAC  
 Input Frequency 47-63Hz  
 Inrush Current 40A Max @ 230 VAC Cold Start  
 Input Current 0.16A @ 115 VAC / 0.08A @ 230 VAC Typical  
 Hold-Up Time 20ms @ 115 VAC / 40ms @ 230 VAC Full Load  
 Leakage Current <200  $\mu$ A @ 230 VAC

**General**

Efficiency 53-65% Typical  
 Switching Frequency 45KHz  
 Operating Temperature 0 to 50°C full load, derate 2.5% per °C to 70°C maximum  
 Storage Temperature -20°C to +85°C  
 Cooling Convection Cooled  
 Temp Co-Efficient 0.04% per °C

**Output**

Minimum Load 20% of V1 only  
 Line Regulation  $\pm$ 1% typ.  
 Load Regulation  $\pm$ 2% typ.  
 Ripple & Noise  $\pm$ 1% typ. pk-pk @ 20MHz  
 OverVoltage Protection Zener diode OVP built-in  
 Adjustment -10% / +115% or OVP trip point  
 Transient Response voltage returns < 3mS following a 50% load change

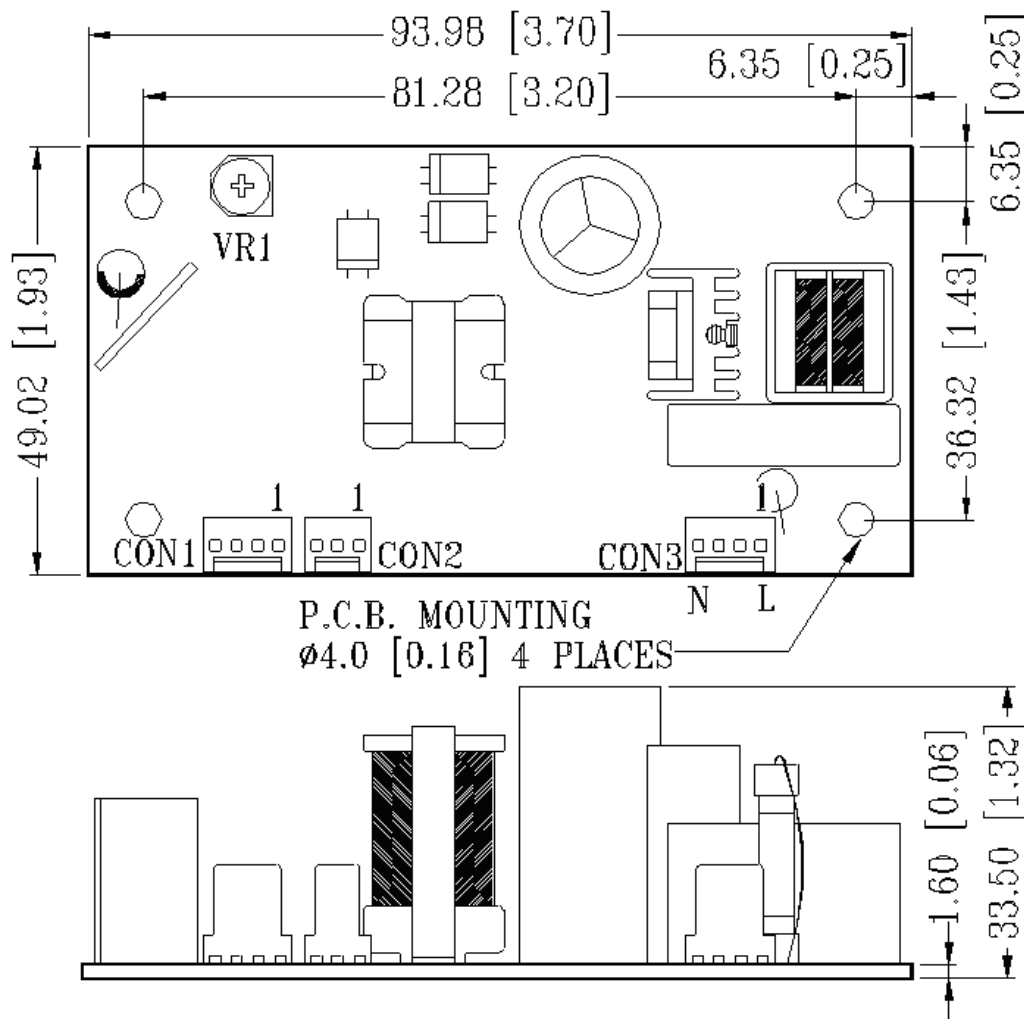
**EMC & Safety**

Emissions CISPR PUB 22 Class B  
 FCC Class B  
 Safety Approvals UL/cUL1950 Class I  
 TUV EN60950  
 CE Mark (LVD)

**Model Number****Outputs**

APS06VI-30	+5.0V @ 1.3A / +12V @ 0.1A / -12V @ 0.1A
APS06VI-31	+5.0V @ 1.3A / +12V @ 0.1A / -5V @ 0.1A
APS06VI-33	+5.0V @ 1.3A / +15V @ 0.1A / -15V @ 0.1A
APS06VI-38	+5.0V @ 1.3A / +2.5V @ 0.1A / -2.5V @ 0.1A
APS06VI-39	+5.0V @ 1.3A / +3.3V @ 0.1A / -3.3 @ 0.1A

**Mechanical Details**



ASSIGNMENT CNTR & PIN#	AC INPUT		TRIPLE OUTPUT				DC COM
	AC-LINE	NEUTRAL	VO1	VO2	VO3	RETURN	
CON 3-1 (L)	CON 3-4 (N)	CON 1-1,4	CON 2-3	CON 2-1	CON 2-2	CON 1-2,3	

Mating connector: Molex 5264-N/ JST XHP-8 or equivalent

**Notes**

WEIGHT: 75.0g (2.65Oz)

Circuit Topology: Free Running Flyback Circuit