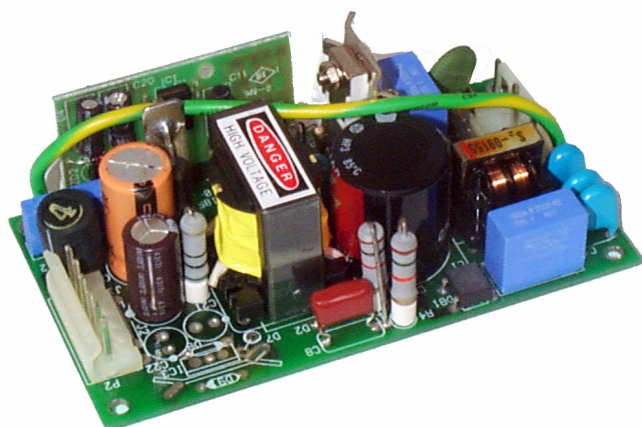




Size: 3.15 x 5.12 x 1.6"

Features:

- * Universal AC Input (85-264 VAC)
- * Compact Open Frame Package
- * Worldwide Safety Approvals
- * Class B Emissions
- * CE Mark

Input

Input Voltage 85-264 VAC
Input Frequency 47-63Hz (optional 440 Hz, consult factory)
Inrush Current 20A Max @ 264 VAC Cold Start
Input Current 0.3A @ 115 VAC / 0.15A @ 230 VAC Typical
Hold-Up Time 20ms @ 115 VAC / 100ms @ 230 VAC Full Load
Leakage Current <300 μ A @ 230 VAC

General

Efficiency 70% Typical
Switching Frequency 40-150KHz
Circuit Topology Self Oscillating Flyback Circuit
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 $\pm 0.1\%$ typ.
Load Regulation V1 = $\pm 1\%$ typ. / V2 = $\pm 1.5\%$ typ.
Ripple & Noise $\pm 1\%$ typ. pk-pk @ 20MHz
Overload Protection 125-150% max. power
OverVoltage Protection VO1 MAIN O/P only @ +6.2V 0.4V
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)

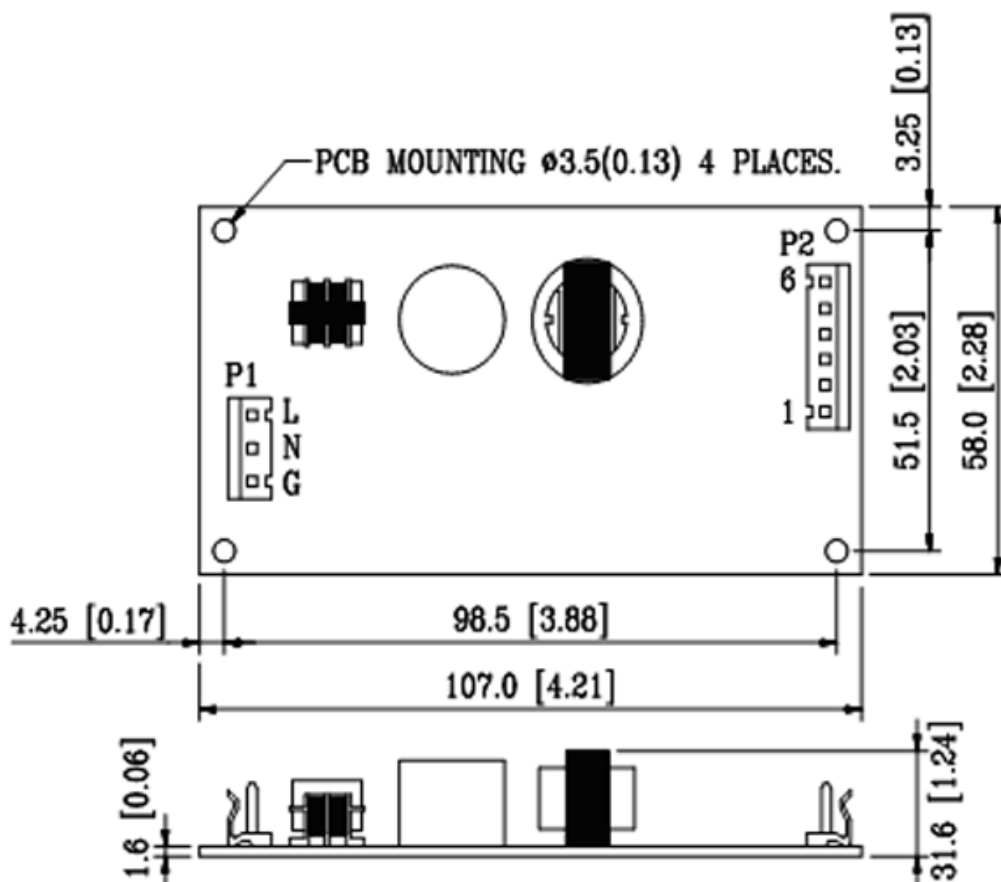
**Model Number****Output(s)**

APS10VI-10	5V @ 2.0A
APS10VI-11	12V @ 1A
APS10VI-12	15V @ 0.7A
APS10VI-13	24V @ 0.5a
APS10VI-20	5V @ 1.7A / 5V @ 0.3A
APS10VI-21	5V @ 2A / 12V @ 0.5A
APS10VI-22	5V @ 2A / 15V @ 0.4A
APS10VI-23	5V @ 2A / 24V @ 0.2A

Outputs are floating

Add Suffix "-G" for Gaming Applications
(< 500uA Leakage Current & Class A Emissions)

Mechanical Details



INPUT CONNECTOR P1

PIN NO.	ASSIGNMENT
P1-L	AC-LINE
P1-N	AC-NEUTRAL
P1-G	AC-GROUND.

Mating connector:
Molex 5196 or equivalent.

OUTPUT CONNECTOR P2

PIN NO.	ASSIGNMENT
P2-1,2	VO1 -
P2-3,4	VO1 +
P2-5	VO2 -
P2-6	VO2 +

Mating connector:
Molex 5196 or equivalent.

Notes

WEIGHT: 158g (5.57Oz)