

DESCRIPTION

The PM150 series of AC-DC switching power supplies in a package of 2 x 4 x 1.3 inches are capable of delivering The PM150 series of AC-DC switching power supplies in a package of 2 x 4 x 1.3 inches are capable of delivering constructed on a printed circuit board. They are specially designed for medical applications, but not for life-supporting equipment. The units are certified also to IEC /EN /UL /CSA 60950-1 and suitable for data networking, computer and telecommunication applications.

FEATURES

2 x 4 inch footprint with 1.3 inch low profile 100-240 VAC input with active PFC Less than 275 μ A leakage current Meet EN55011 /55022 and FCC Class B Power Factor 0.98 typical 100% burn-in at full load Short-circuit protection Power Fail Detect (PFD) signal Inhibit - TTL high to disable output Compliant with RoHS requirements Efficiency greater than 87% No load power consumption less than 0.5W

WATTAGE

Wattage: 200W

DIMENSION

Dimension: 101.6mm(L) x 50.8mm(W) x 33.0mm(H)

INPUT SPECIFICATION

Input Range: 90-264 Vdc
Input Frequency: 47-63 Hz
Input Current: 1.7A(rms) for 115VAC, 0.85A(rms) for 230VAC
Leakage Current: 275 μ A max. @ 264 VAC, 63 Hz

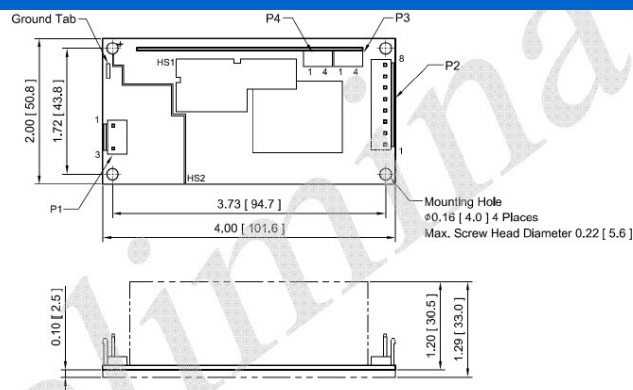
*Output Voltage and Current Rating

	+3.3V
Ripple-Noise(R-P) mV	0mV
Regulation Load %	$\pm 5\%$
Output Max.(A)	0A
Output Min.(A)	0A

NOTES

1. Peak output current with 10% duty cycle maximum for less than 15 seconds, average power not to exceed maximum power rating.
2. The first value of max. power is at convection cooling. The second value is with 30 CFM forced air provided by user. 3. Ripple and noise is maximum peak to peak voltage value measured at output within 20 MHz bandwidth, at rated line voltage and output load ranges, and with a 10 μ F tantalum capacitor in parallel with a 0.1 μ F ceramic capacitor across the output.

MECHANICAL SPECIFICATION



SAFETY STANDARD APPROVAL



OUTPUT SPECIFICATION

Ripple & Noise: Maximum excursion of 4% or better on all models, recovering to 1% of final value within 500 μ s after a 25% step load change

Over Current Protection: Output protected to short circuit conditions

ENVIRONMENTAL SPECIFICATION

TEMP.Range: Operating Temperature: 0°C to +70°C
 Storage Temperature: -40°C to +85°C

This content is subject to change, please refer to specification for more detail.
 FSP reserve the right to change the content without prior notice