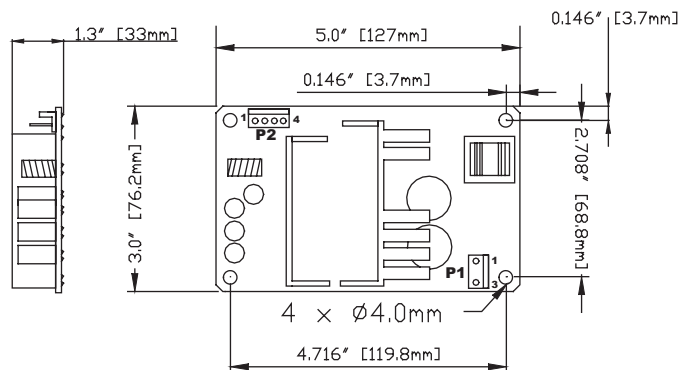
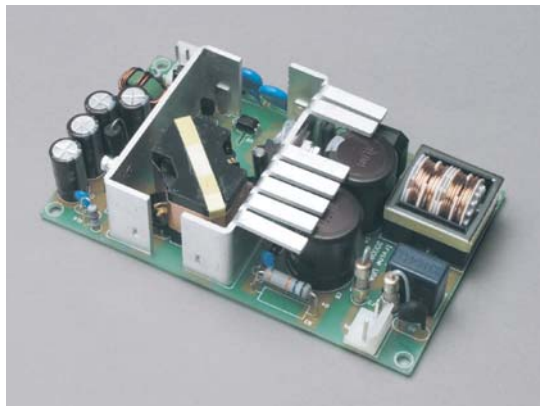


MSM60 series

60 Watt Medical Grade Power Supply



Features

Wide range AC input
Fully regulated output
High efficiency
Medical grade approval
5 year warranty

Environmental

Operating temperature..... 0° C to 50° C
Storage temperature..... -55° C to 85° C
Weight = 0.50 lbs

EMI/EMC

Meets FCC class B, CISPR 11 class B
EMC per EN60601-1-2

Safety

UR/cUR UL2601-1
CE Marked EN60601-1-2:2001

Polarity	1	2	3	4
Input P1	Line	-	Neutral	-
Output P2	Com	Com	+V	+V

Input and Output Connections

Input mating connector = Molex p/n 09-50-3031 or equivalent
Input mating connector contacts = Molex p/n 08-50-0105 or equivalent
Output mating connector = Molex p/n 09-91-0400 or equivalent
Output mating connector contacts = Molex p/n 08-50-0164 or equivalent

Electrical Specifications

Input

Voltage..... 100 - 240 VAC
Current..... 1.1 Amp @ 100 VAC
Frequency..... 50 - 60 Hz
Earth leakage current.....

Test Voltage	Normal	Single-fault
132 VAC 60 Hz	50 uA	100 uA
264 VAC 60 Hz	100 uA	200 uA

Output

Line regulation..... TYP +/- 0.5%
Load regulation..... TYP +/- 2%
Hold up time..... 15 ms min at full load, 115 VAC
Transient response..... 2 ms for 50% to 100% load change
Over voltage protection..... Built-in
Over current protection..... Built-in
Short circuit protection..... Pulsing mode, auto recovery
Efficiency..... 80% min at full load and 115 VAC
Ripple/noise (V_{p-p})..... 1% (20 MHz bandwidth)

Model No.	Voltage	Power	Current
MSM6012	12V	60W	5.0A
MSM6024	24V	60W	2.5A