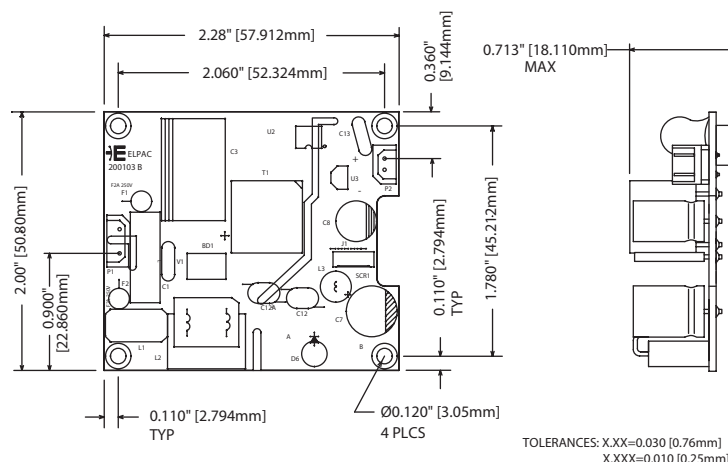


MSM07 series

7 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 = 0.1 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
Input P1	Neutral	-	Line
Output P2	+V	Com	-

Input and Output Connections

Input connector = Molex p/n 22-43-8030
 Input mating connector = Molex p/n 50-37-5033 or equivalent
 Input mating connector contacts = Molex p/n 08-70-1040 or equivalent
 Output connector = Molex p/n 22-43-8020
 Output mating connector = Molex p/n 50-37-5023 or equivalent
 Output mating connector contacts = Molex p/n 08-70-1040 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	32 μ A	50 μ A
264 VAC 50 Hz	55 μ A	85 μ A

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
MSM0705	5.1V	7W	1.4A
MSM0712	12V	7W	0.6A
MSM0715	15V	7W	0.5A
MSM0724	24V	7W	0.3A
MSM0728	28V	7W	0.3A