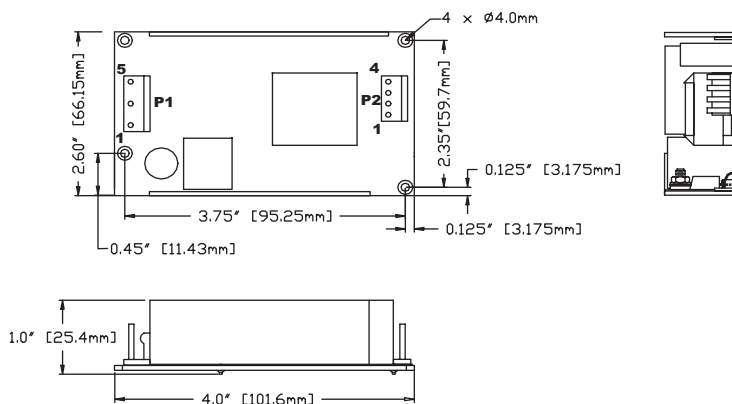


MSM28 series

28 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 = 0.30 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	5
Input CN1	Earth Gnd	-	AC Neutral	-	AC Line
Output CN2	Com	Com	+V1	+V1	-

Input and Output Connections

Input connector (P1) = AMP p/n 640445-5
 Input mating connector = AMP p/n 640250-5
 Output connector (P2) = AMP p/n 640445-4
 Output mating connector = AMP p/n 640250-4
 Mating connector contacts = AMP p/n 770476-1

Electrical Specifications

Input

Voltage..... 100 - 240 VAC
 Current..... 0.55 Amp @ 100 VAC
 Frequency..... 50 - 60 Hz
 Max. Earth leakage current:

Test Voltage	Normal	Single-fault
132 VAC 60 Hz	25 uA	45 uA
264 VAC 50 Hz	50 uA	90 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
MSM2812	12V	28W	2.3A
MSM2815	15V	28W	1.9A
MSM2824	24V	28W	1.2A

AMEYA360

Components Supply Platform

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