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Stocking Distributor

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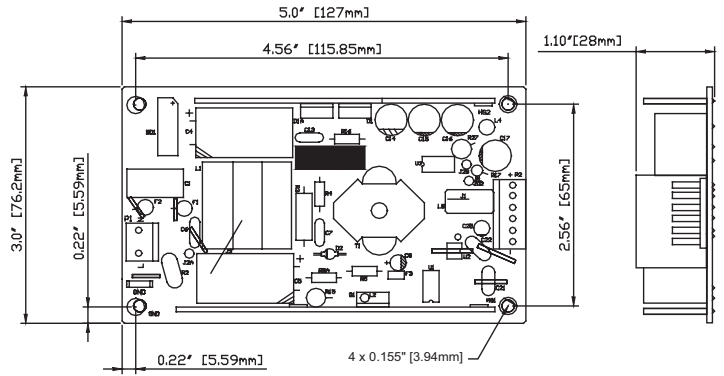
For any questions, you can email us directly:

sales@integrated-circuit.com



MSM65 series

65 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 = 0.85 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 | 6 |
|-----------|------|-----|---------|-----|-----|-----|
| Input P1 | Line | - | Neutral | - | - | - |
| Output P2 | +V1 | +V1 | +V1 | Com | Com | Com |

Input P1 GND 0.25" FASTON TAB

Input and Output Connections

- Input connector (P1) = AMP p/n 640445-3
- Input mating connector = AMP p/n 640250-3
- Output connector (P2) = AMP p/n 640445-6
- Output mating connector = AMP p/n 640250-6
- Mating connector contacts = AMP p/n 770476-*

Electrical Specifications

Input

- Voltage..... 100 - 240 VAC
- Current..... 2.0 Amp @ 100 VAC
- Frequency..... 50 - 60 Hz
- Max. Earth leakage current:

| Test Voltage | Normal | Single-fault |
|---------------|--------|--------------|
| 132 VAC 60 Hz | 40 uA | 60 uA |
| 264 VAC 50 Hz | 62 uA | 120 uA |

Output

- Line regulation..... TYP +/- 0.5%
- Load regulation..... TYP +/- 2%
- Hold up time..... 20 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 |
|-----------|---------|-------|---------|
| MSM6512 | 12V | 65W | 5.4A |
| MSM6515 | 15V | 65W | 4.3A |
| MSM6524 | 24V | 65W | 2.7A |