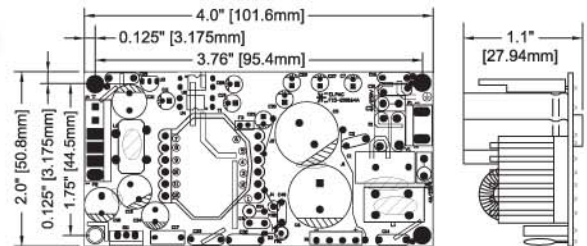


# MSM 80 Series

## 80 Watt Medical Grade Power Supply

- Wide Range AC Input
- Fully Regulated DC Output
- High Efficiency
- Output Floating
- Medical Grade Approval
- Dimensions Meet 1U Applications
- RoHS Compliant
- 5 Year Warranty



### SPECIFICATIONS

#### INPUT

Voltage	85 - 264 VAC		
Current	2.0 Amp @ 100 VAC		
Frequency	47 - 63 Hz		
Max. Earth Leakage current	Test Voltage	Normal	Single
	132 VAC 60 Hz	60 uA	95 uA
	264 VAC 50 Hz	115 uA	185 uA

#### OUTPUT

Total regulation	< +/- 5%
Set point accuracy	< +/- 3% at 60% load
Hold up time	>20 ms min at full load, 115 VAC
Over voltage protection	Built-in
Over current protection	Built-in
Short circuit protection	Pulsing mode, auto recovery
Ripple/noise (Vp-p)	<1% (20 MHz bandwidth)

#### PINOUT

	1	2	3	4	5	6
Input P1	AC Line	-	AC Neut.	N/A	N/A	N/A
Output P2	V1	V1	Com	Com	-	-

#### Input and Output Connections

Input connector = AMP p/n 640445-3 or equivalent  
 Input mating connector = AMP p/n 640250-3 or equivalent  
 Output connector = AMP p/n 640445-6 or equivalent  
 Output mating connector = AMP p/n 640250-6 or equivalent

#### ENVIRONMENTAL

Operating temperature	0° C to 50° C
Storage temperature	-40° C to 85° C
Weight	0.30 lbs

#### SAFETY

cTUVus  
 UL 60601-1  
 CSA C22.2 No.60601.1-M90  
 CB per IEC 60601-1  
 CE marked to LVD  
 Class I

#### EMI/EMC

Emissions	CISPR11 and FCC Part 15, Class B EN61000-3-2, -3
Immunity	EN61000-4-2, -3, -4, -5, -6, -8, -11

Model No.	Volt	Power	Current A	Current B	Eff @ 115VAC (Typ)
MSM8009F	9V	80W	6.6A	8.8A	88%
MSM8012F	12V	80W	5.0A	6.6A	89%
MSM8015F	15V	80W	4.0A	5.3A	89%
MSM8024F	24V	80W	2.5A	3.4A	90%

80 Watts of continuous power with forced air,  
 60 Watts with unrestricted natural convection  
 Current A = Max. continuous current with unrestricted convection  
 Current B = Max. continuous current with 150 LFM air