



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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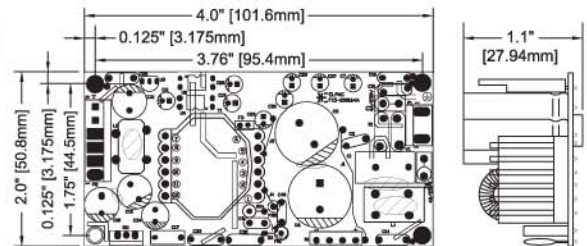
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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