53289

0 to 115 V, 100/200 mA POWER SUPPLY

Features:

- Universal Power Input – 100 to 227VAC 50/60Hz
- UL, CSA, CE Compliant
- Open Circuit / Short Circuit

Applications:

- Electro-Plating
- Water Purification

DESCRIPTION

The 53289 is an industrial constant current Power Supply designed for Ionic water purification and Electro-Plating applications.

The 53289 is of open frame design.

The output current is switch settable for either 100 mA or 200 mA with a voltage compliance from shorted to open, 0 to 115 VDC.

ABSOLUTE MAXIMUM RATINGS	
Input Voltage (50 / 60 Hz)	227 VAC
Load Current	Self Regulating
Operating Temperature	-40ºC to +65ºC Case
Storage Temperature	-50ºC to +100ºC

ELECTRICAL CHARACTERISTICS **0 to 115V, 100 / 200 mA POWER SUPPLY**

T_A = +25° C & 100 to 227 VAC, 50/60Hz

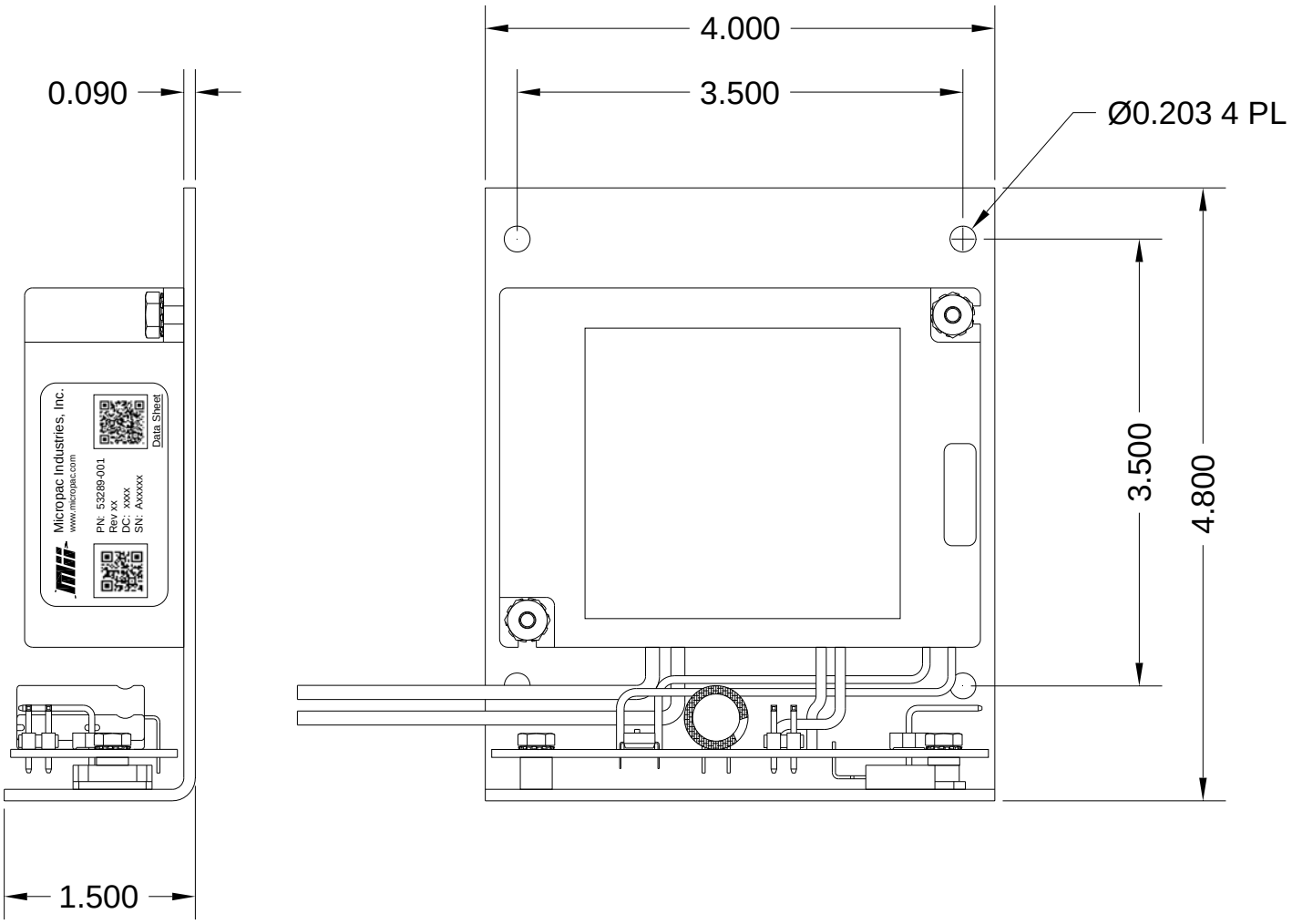
Parameter	Test Conditions	Min	Typ	Max	Units
Output characteristics					
Output Voltage		0		115	V
Output Current	100mA setting	90		110	mA
Output Current	200mA setting	180		220	mA
Efficiency	Above 36V Output	80	85		%
Power Input	Below 36V Output 100mA setting			4.5	W
Power Input	Below 36V Output 200mA setting			9.0	W
Peak Short Circuit Current [1]	At 115VDC Output		5.75		A
Peak Short Circuit Energy [1]	At 115VDC Output		1.1		Joules

APPLICATION NOTES:

1. Peak current / energy that may flow when output is shorted.

Micropac Industries cannot assume any responsibility for any circuits shown or represent that they are free from patent infringement.
Micropac reserves the right to make changes at any time in order to improve design and to supply the best product possible.

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Note: Approximate weight: 16 oz. (.454 kg)

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