

**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.

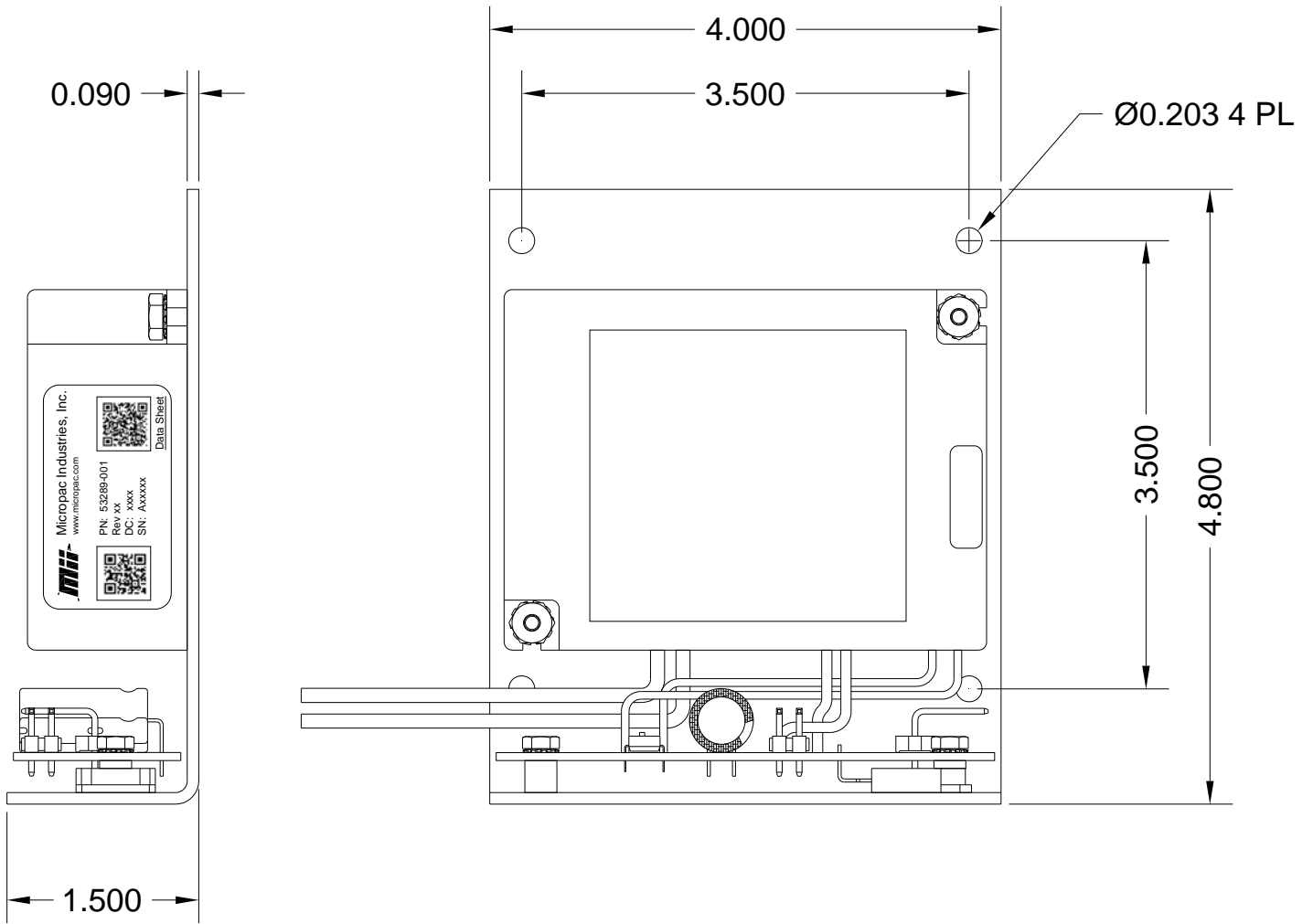
<b>ABSOLUTE MAXIMUM RATINGS</b>	
Input Voltage (50 / 60 Hz)	227 VAC
Load Current	Self Regulating
Operating Temperature	-40°C to +65°C Case
Storage Temperature	-50°C to +100°C

<b>ELECTRICAL CHARACTERISTICS</b>		<b>0 to 115V, 100 / 200 mA POWER SUPPLY</b>			
$T_A = +25^\circ \text{C}$ & 100 to 227 VAC, 50/60Hz					
<b>Parameter</b>	<b>Test Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Units</b>
<b>Output characteristics</b>					
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 <sup>1</sup>	At 115VDC Output		5.75		A
Peak Short Circuit Energy <sup>1</sup>	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.



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

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