High Voltage Programmable Power Supply

PS630

FEATURES

- **Low Ripple**
- **Excellent Regulation**
- **Arc and Short Circuit Protection**
- **Adjustable Anode Voltage**
- **Programmable Anode Voltage Rise Time**
- **Serial Communications Protocol**
- **Interlock Interface**
- **Alarm Relay Output**
- **LED Status Indication**

SPECIFICATIONS

HV Output:

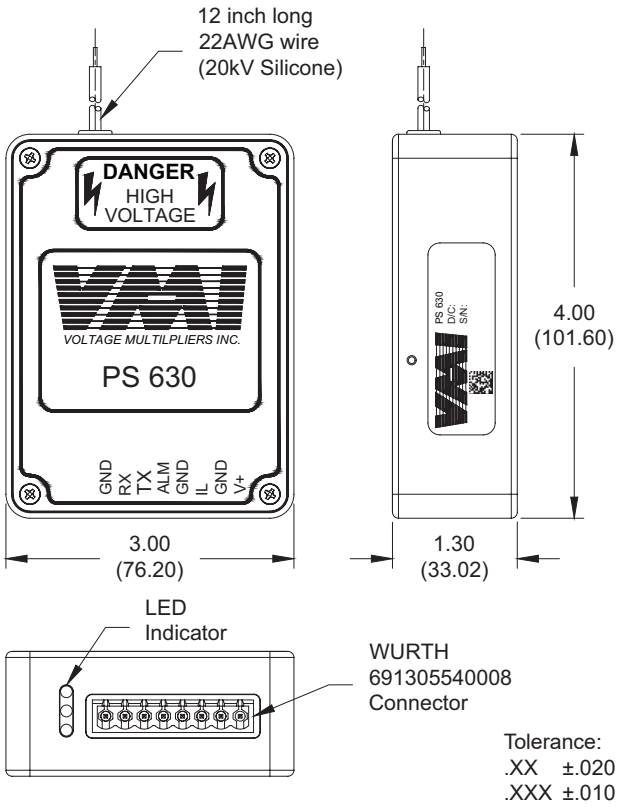
Output Voltage:	1 to 20kVDC adjustable
Output Current:	0 to 1mA
Ripple Voltage:	<0.1% peak to peak
Load Regulation:	<0.1% for NL to FL change
Maximum Output Power:	10W

Electrical:

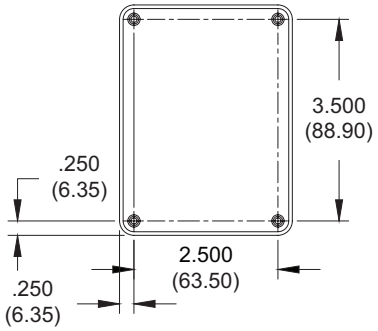
Input Voltage:	+24VDC ± 5%
Maximum Input Power:	15W
Alarm Out:	30VDC, 500mA
Interlock:	Pull to ground to activate
Communications:	RS-232, 115200 baud, 8-N-1

Environmental:

• Storage Temperature	-40°C to +85°C
• Operating Temperature	0°C to +50°C



Mounting Hole Layout



Dimensions: In. (mm) • All temperatures are ambient unless otherwise noted. • Data subject to change without notice.

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