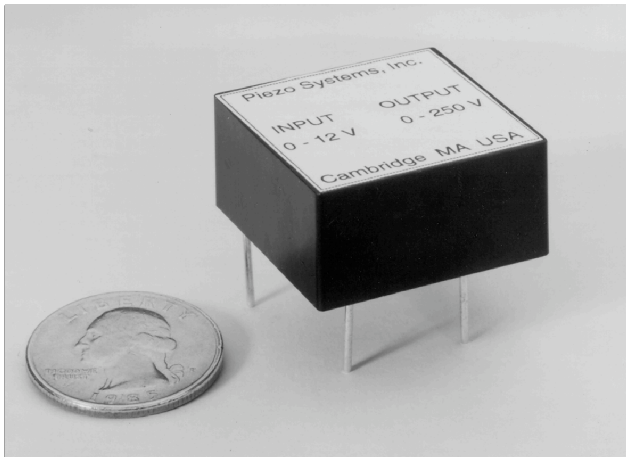


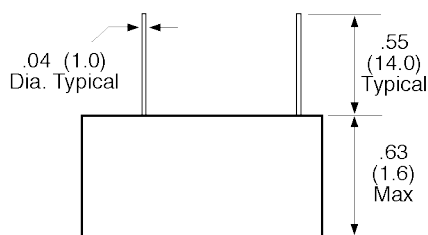
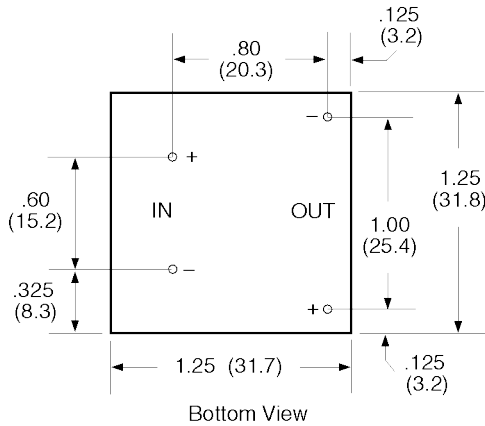
PROPORTIONAL VOLTAGE BOOSTER



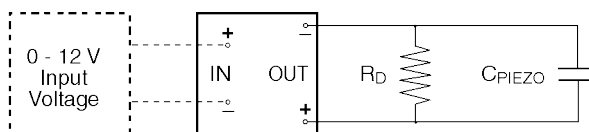
DESCRIPTION

The Proportional Voltage Booster provides a simple means of obtaining the high DC voltage used for driving piezo devices statically. It requires only a low voltage DC supply (or the output of an op-amp) on the input leg and a drain resistor on the output leg.

The Voltage Booster is small, PCB mountable, and well suited for low current / high voltage applications. Output voltage is proportional to input voltage, and is linear from ~ 10% to the maximum output voltage. Features include: low output ripple; floating output to enable the user to choose either positive or negative drive; short circuit protection; and, reverse polarity protection.

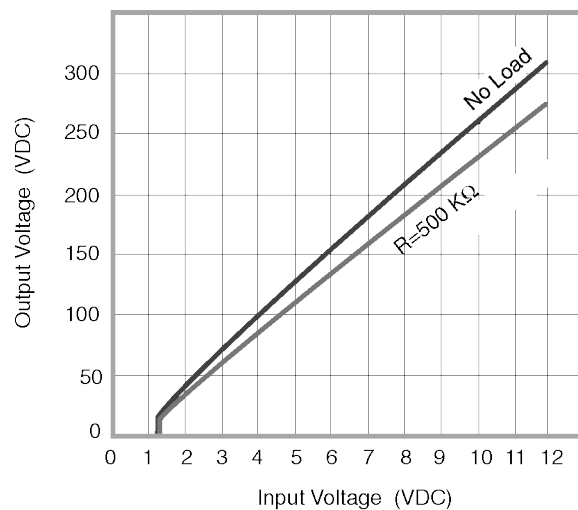


A 500 K Ω discharge resistor across the output terminals is recommended to sink charge when input voltage is removed.



BOOSTER SPECIFICATIONS

Input Voltage:	0 - 12 VDC
Input Current:	85 mA Nominal
Output Voltage:	0 - 250 VDC Nominal
Output Current:	2 mA
Load Regulation:	5% (1/2 to full load)
Ripple:	< 0.5% p-p
Insulation Resistance:	3500 VDC
Weight:	42 grams
Temperature Range:	-20°C to +70°C



ORDERING INFORMATION

PART NO.

1 pc.

5 pc.

25 pc.

100 pc.

Proportional Voltage Booster

EVb-304

\$384

\$329

\$274

\$219