



## FEATURES

- 12VDC Input
- Externally Voltage Programmable
- Reference Voltage Output
- Zero to 1kV Output
- Positive and Negative Models
- Up to 3mA (3 Watts) Output
- 1000:1 Voltage Sense
- 1v/mA Current Sense
- Short-Circuit Protected
- Rugged, Encapsulated Module
- PCB Mounting
- High Efficiency >70%
- Resonant Switchmode Topology
- Low Ripple

## APPLICATIONS

- Photomultipliers
- Ionizers
- High Voltage Biasing
- CRT Grid Circuits
- Biasing
- Dielectric Testing
- Piezoelectric Drivers
- Electrostatic Chucks
- Sealing Applications
- Ink Jet Printers
- Photo Detectors

## MECHANICAL

- Dimensions 3.75" x 1.5" x 1.0"
- Pins: 0.040" Diameter
- Weight: 6.0 Ounces
- Operating Temperature Range: -40°C to +70°C

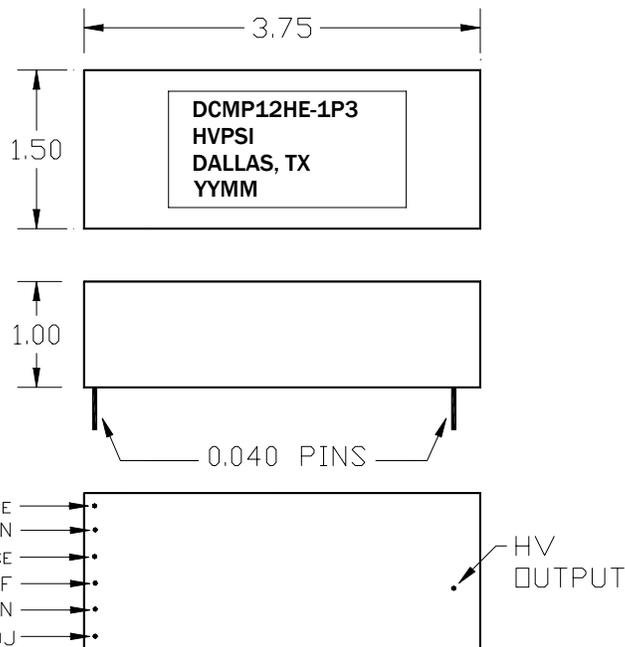
# DCMP12HE Series

## High Efficiency, Regulated, DC-DC High Voltage Modules

### DESCRIPTION

The new High Voltage Power Solutions (HVPSI) High Efficiency (HE), Programmable, DC-DC Modules are designed for demanding laboratory and OEM applications. This DCMP-HE Series features output voltage programmable by external voltage (0-5VDC) or potentiometer (reference voltage provided) for up to 1000 volts output. The Series models are capable of up to 3mA (3 watt) of output power using a high efficiency resonant switchmode design. Positive and negative models are available. These units are fully encapsulated in epoxy resin for protection against humidity and environment.

MODEL	OUTPUT POLARITY	VOLTAGE RANGE	OUTPUT CURRENT
DCMP12HE-1P3	POSITIVE	0-1000VDC	0-3mA
DCMP12HE-1N3	NEGATIVE	0-1000VDC	0-3mA



### GENERAL INFORMATION

Custom requirements are welcome. Modifications to existing products and completely new designs are a standard part of our business. Our extensive design inventory and the use of our CAD/CAM design and manufacture allows for prompt and cost competitive quotations as well as reliable prototyping capabilities. Please feel free to contact us to discuss your custom requirements.