



## FEATURES

- 12VDC Input
- Externally Voltage Programmable
- Reference Voltage Output
- Zero to Full Output
- Positive and Negative Models
- Up to 3 Watts Output
- Short-Circuit Protected
- Rugged, Encapsulated Module
- PCB Mounting
- High Efficiency
- Sine-wave 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

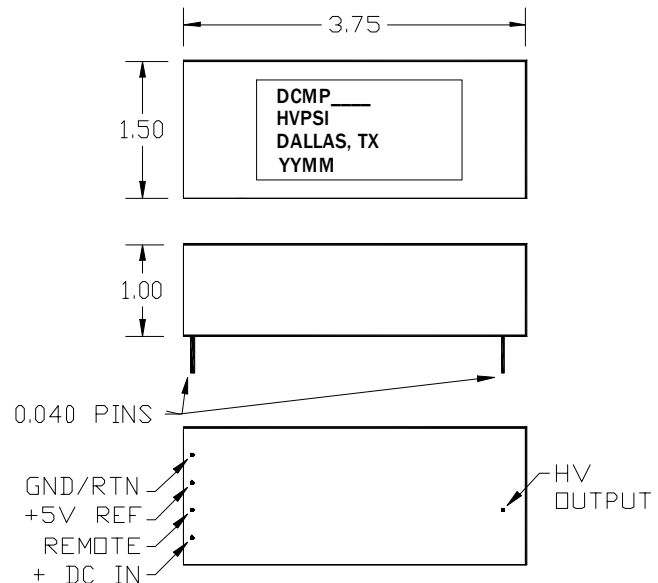
# DCMP12 Series

## Regulated / Adjustable DC-DC High Voltage Modules

### DESCRIPTION

High Voltage Power Solutions (HVPSI) new DCMP Series PCB mountable programmable DC-DC Modules are designed for demanding laboratory and OEM applications. The DCMP Series features output voltage programmable by external voltage or potentiometer (reference voltage provided) for up to 6,000 volts, depending upon model. The DCMP Series models are capable 3 watts output power. DCMP Series units are fully encapsulated in epoxy resin for protection against humidity and environment.

Model	Output Polarity	Output Voltage Range	Maximum Output Current
DCMP12-4P3	Positive	0-4.0kV	750uA
DCMP12-4N3	Negative	0-4.0kV	750uA
DCMP12-6P3	Positive	0-6.0kV	500uA
DCMP12-6N3	Negative	0-6.0kV	500uA



### 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.