



FEATURES

- 15VDC 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, Typically $\leq 1\%$

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 $+70^{\circ}\text{C}$

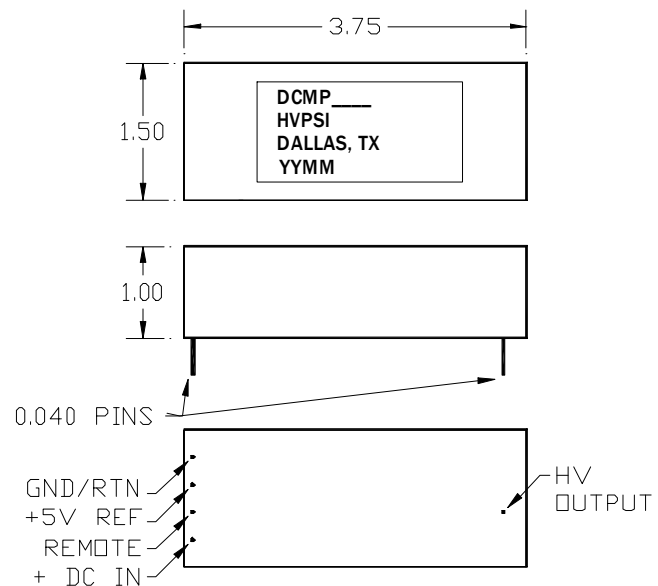
DCMP15 Series

Regulated / Adjustable DC-DC High Voltage Modules

DESCRIPTION

The DCMP series PCB mountable programmable DC-DC high voltage power supplies are designed for demanding laboratory and OEM applications. The power supplies feature output voltage programmable by external voltage or potentiometer (reference voltage provided) for up to 6 kV, depending upon model. The units are capable 3 watts output power. The modules are fully encapsulated in epoxy resin for protection against humidity and environment.

Model	Output Polarity	Output Voltage Range	Maximum Output Current
DCMP15-4P3	Positive	0-4.0kV	750uA
DCMP15-4N3	Negative	0-4.0kV	750uA
DCMP15-6P3	Positive	0-6.0kV	500uA
DCMP15-6N3	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.