



## FEATURES

- Non-Metallic Case
- Cost Effective
- Reliable Solid State Design
- High Efficiency
- Maintenance Free
- Automatic Over Current Shutdown and Recovery
- High Frequency Switch-mode Design
- UL Recognized Versions Available
- RoHS Versions Available
- Formerly CS2234 Series

## TYPICAL APPLICATIONS

- Electrostatic Air Cleaners
- Electrostatic Packaging and Sealing

## DESCRIPTION

The 2234 series of unregulated solid state switching power supplies is designed for applications requiring a medium duty High Voltage power supply. Input voltage: 120 VAC ( $\pm 10\%$ ) 50/60 Hz. Connection for "HV On" indicating LED provided via  $\frac{1}{4}$ " terminal.

The 2234 series is packaged in a nonmetallic enclosure and may be installed in any position. Consult factory for additional information.

**NOTICE: This power supply requires adequate ground connection for operation. Failure to provide ground could result in failure of the power supply. Proper ground connections must be made to input terminal on non-metallic case.**



## TYPICAL ELECTRICAL SPECIFICATIONS

- Input Voltage: 120 VAC ( $\pm 10\%$ ) 50/60 Hz
- Output Voltage: 25 kVDC
- Output Current: 400  $\mu$ A Typical
- Output Power: 10 W Max
- Output Regulation: See Typical V-I Curve
- Load: May be operated into any load condition (capacitive, resistive or inductive) or no load. Can withstand arcing and short circuits.
- Isolated Output; High Voltage referenced to Earth Ground

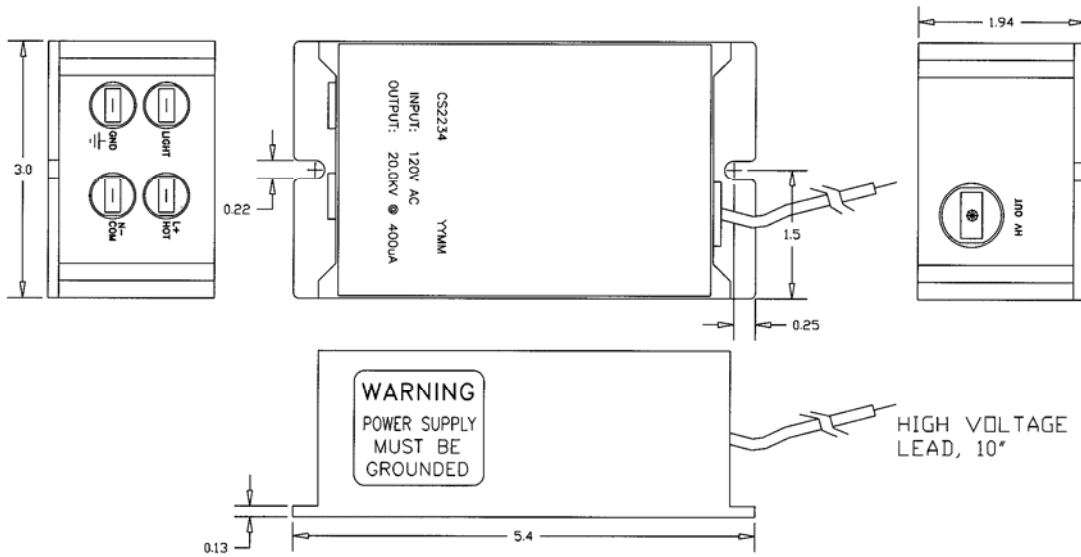
## TYPICAL MECHANICAL SPECIFICATIONS

- Case: Glass Filled Noryl, UL 94V-1 Rated
- Encapsulant: Filled Epoxy, UL 94V-0 Rated
- Input Voltage Termination:  $\frac{1}{4}$ " black insulated terminals
- "HV On" Indicating Light Termination:  $\frac{1}{4}$ " black insulated terminal
- High Voltage Wire: 22 AWG, 30 KVDC, UL Style 3239, 105°C
- Temperature Rating:
  - Operating 0° to +60°C
  - Storage -40° to +85°C



Input Model	Input Voltage	Input Frequency	Output Voltage	Typical Output Current
ACN2234L25	120 VAC	50 / 60 Hz	25 kVDC neg	400 $\mu$ A
ACP2234L25	120 VAC	50 / 60 Hz	25 kVDC pos	400 $\mu$ A

Formerly CS2234 Series



### 2234 SERIES TYPICAL V-I OUTPUT CURVE

