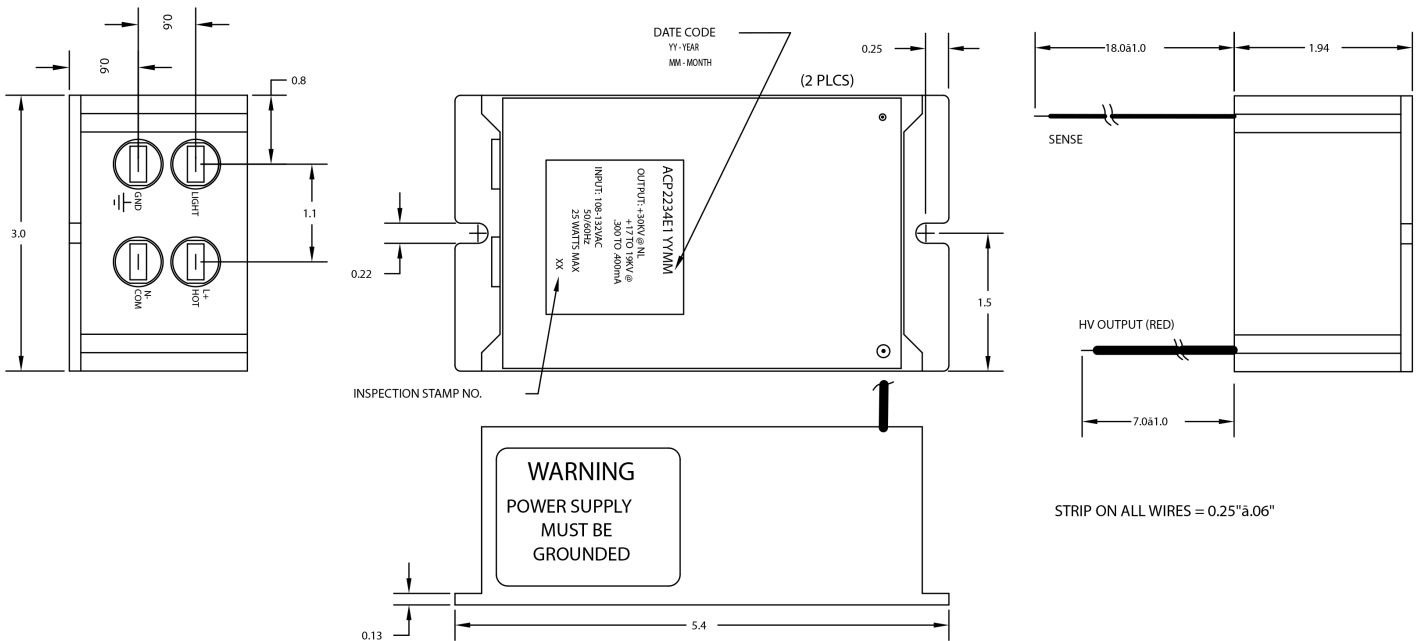# 2234 Series
High Voltage Power Supplies

- Cost Effective
- Non-Metallic Case
- Reliable Solid-State Design
- Maintanence Free
- Automatic Over-Current Shutdown and Recovery
- High Frequency Switch-Mode Design
- UL Recognized Versions Available
- RoHS Versions Available

	Conditions	Value	Units
Input			
Input Voltage	All Versions	120	VAC
Power	At Max load	10	W
Output			
Voltages Available	Primary Output	16 to 25	kVDC max
Power	Nominal Input, Max Vo	7	W
Current, Primary Output	Nominal Input, Max Vo	Contact factory for load line	mA
Line Regulation	At 16kV/400uA Load	4%	VDC
Ripple	Nominal Input, Max Vo	<1%	Vp-p
Stability	At 20kV/200uA Load	<2.5%	VDC
Environmental			
Operating Temperature	Case Temp, Full Load, Max Vo	0 to +60	°C
Temperature Coefficient	Over the Operating Temperature	0.10	%/°C
Storage	Non-Operating, Case Temp	-40 to +85	°C
Humidity	Non-Condensing	0 to 95%	RH
Altitude	Standard Operating Conditions	0 to 10000	Feet

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Part Number	Input Voltage	Input Frequency	Output Voltage	Polarity	Output Power	Typical Output Current
ACN2234L25	120 VAC	50 / 60 Hz	16 to 25kV DC	Negative	7 Watts	See Load Line
ACP2234L25	120 VAC	50 / 60 Hz	16 to 25kV DC	Positive	7 Watts	See Load Line

Applications:
- Electrostatic Air Cleaners
- Electrostatic Packaging and Sealing

Mechanical:
- Case: Glass-Filled Noryl, UL 94V-1 Rated
- Encapsulant: Filled Epoxy, UL94V-0 Rated
- Input Voltage Termination: ¼" black insulated terminals
- "HV On" Indicating Light Termination: ¼" black insulated terminal
- High Voltage Wire: 22 AWG, 30KVDC, UL Style 3239, 105°C
- Operating Temperature Range: 0°C to +60°C
- Storage Temperature Range: -40°C to +85°C

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

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