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E2532

Specifications and Applications Information

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Preliminary

The E2532 (E200II Series) dc to ac inverter is specifically designed to power the Hantronix HDM3224-1 LCD display to a moderate brightness level from a +12 volt dc source.

The E2532's small size, encapsulated package makes it the ideal power source for applications where small size, high efficiency and reliability are critical.

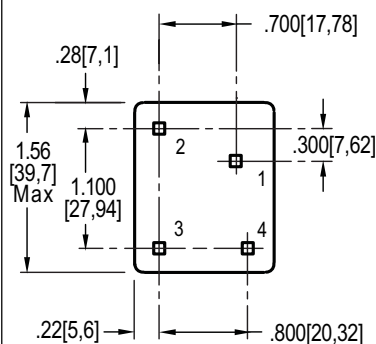
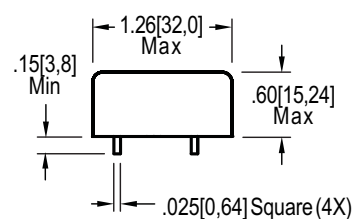
This inverter is designed to satisfy the most common cold-cathode lighting requirements for the Hantronix HDM3224-1 display. Custom units, providing different inputs, outputs or package refinements are available.

Single Tube DC to AC Inverter



E200II Package

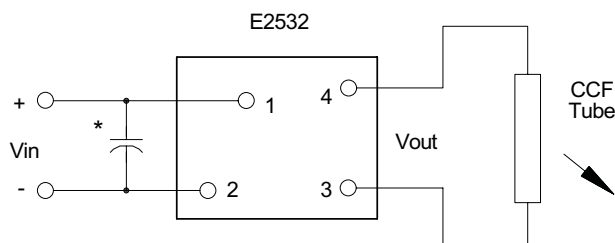
Package Configuration



1. Vin(+)
2. Vin(-)
3. Vout(AC)
4. Vout(AC)



Connection Diagram



* Input bypass capacitor may be required (10uf - 100uf)

Electrical Characteristics (Nominal)

Input Current	.16 Adc
No Load Output Voltage	1000 Vrms
Output Current	5.0 mArms
Tube Voltage	276 Vrms
$(V_{IN} = 12.0 \text{ Volts DC}, T_A = 25^\circ\text{C})$	