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E2424

Specifications and Applications Information

08/24/00

Preliminary

The E2424 (E200II Series) dc to ac inverter is specifically designed to power the Hitachi LMG7525RPFF LCD display to a moderate brightness level from a +12 volt dc source.

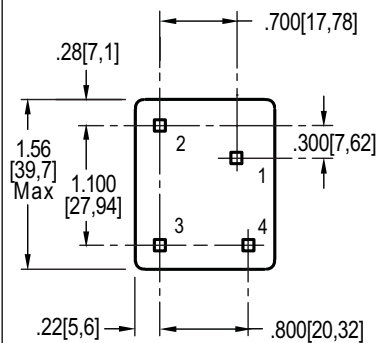
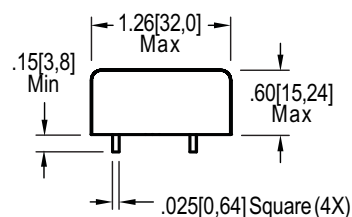
The E2424's small size, encapsulated package makes it the ideal power source for applications where small size, high efficiency and reliability are critical.

This inverter is designed to satisfy the most common cold-cathode lighting requirements for the Hitachi LMG7525RPFF display. Custom units, providing different inputs, outputs or package refinements are available.



E200II Package

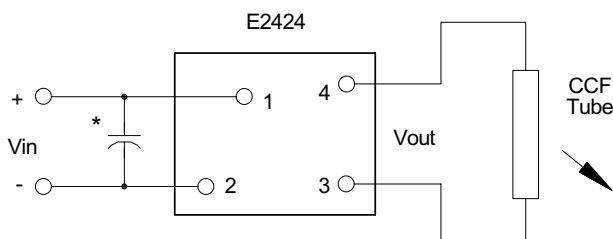
Package Configuration



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	310 Vrms
$(V_{IN} = 12.0 \text{ Volts DC}, T_A = 25^\circ\text{C})$	