

**Endicott Research Group, Inc.**

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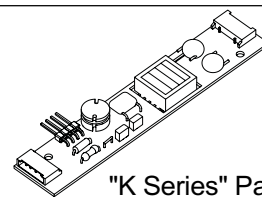
607-754-9187 Fax 607-754-9255

<http://www.ergpower.com>**K2525**

Specifications and Applications Information

03/30/01

Preliminary

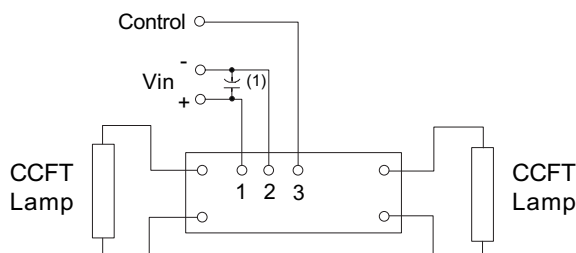
8m Class
2 Tube DC to AC Inverter**"K Series" Package**

The ERG K2525 (*8m Class*) low profile dc to ac inverter is specifically designed to power the Mitsubishi AA084VB02 LCD display module to a moderate brightness level from a +12 volt dc source.

This low profile inverter features:

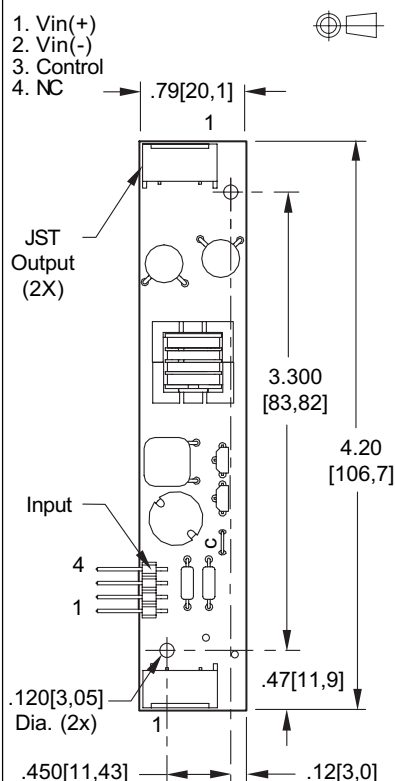
- ✓ Less Than 8 mm in Height
- ✓ LCD Module Specific
- ✓ Display Compatible Output Connector
- ✓ Firm Specifications
- ✓ Application Information
- ✓ Designed, Manufactured and Supported in the USA
- ✓ Custom Input and Output Voltages
- ✓ Flexible System Interface
- ✓ Notebook Display Head Compatible

Typical Connection



* Input by-pass capacitor (25 uf - 100uf) may be required.

Package Configuration



Electrical Characteristics (Nominal)

Input Current	.50 Adc
No Load Output Voltage (Min.)	1200 Vrms
Output Current (per tube)	5.0 mArms
Tube Voltage	465 Vrms
$(V_{IN} = 12.0 \text{ Volts DC}, T_A = 25^\circ\text{C})$	