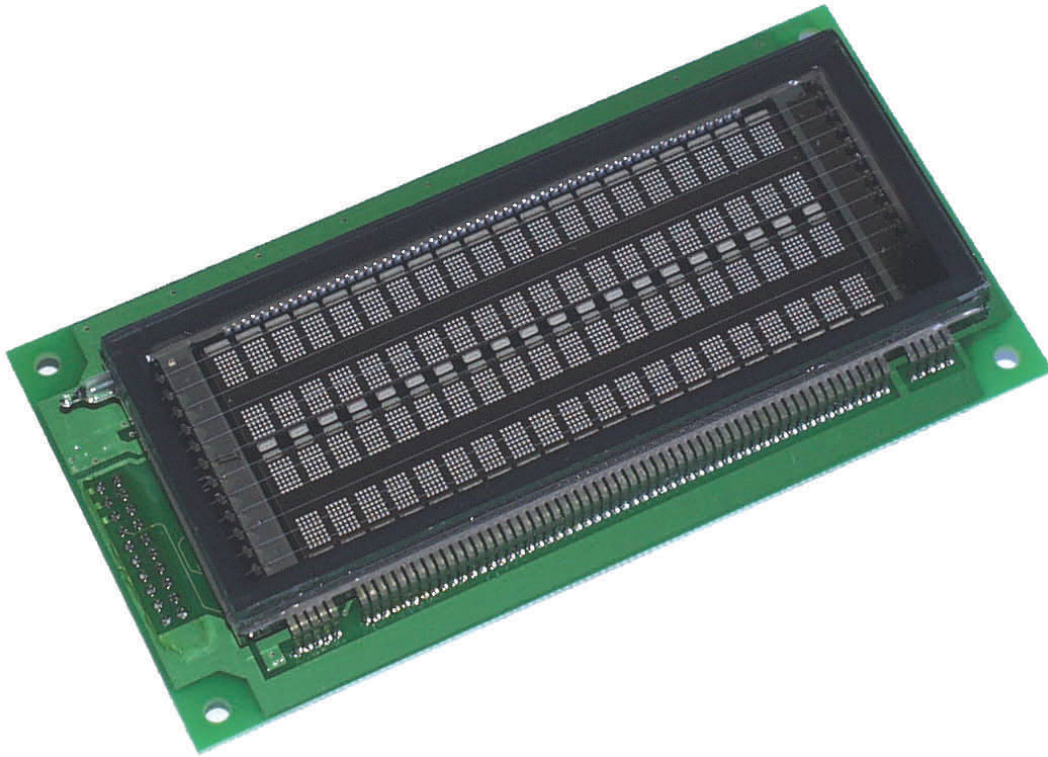


VFDB Vacuum Florescent Display Board



The VFDB is a four line (twenty character per line) Vacuum Florescent Display (VFD). It can be driven directly from the IDC connector on an ADIB-1123, to provide an extremely effective means of communicating process information to a user.

Visibility

The primary advantage of VFD technology over alternatives such as Liquid Crystal Display (LCD) is visibility. With a VFD there are no viewing angle restrictions (other than mechanical ones). Also, the fact that each character displayed on a VFD actually produces high intensity light (as opposed to simply reflecting ambient light), means that information on the display is exceptionally vivid.

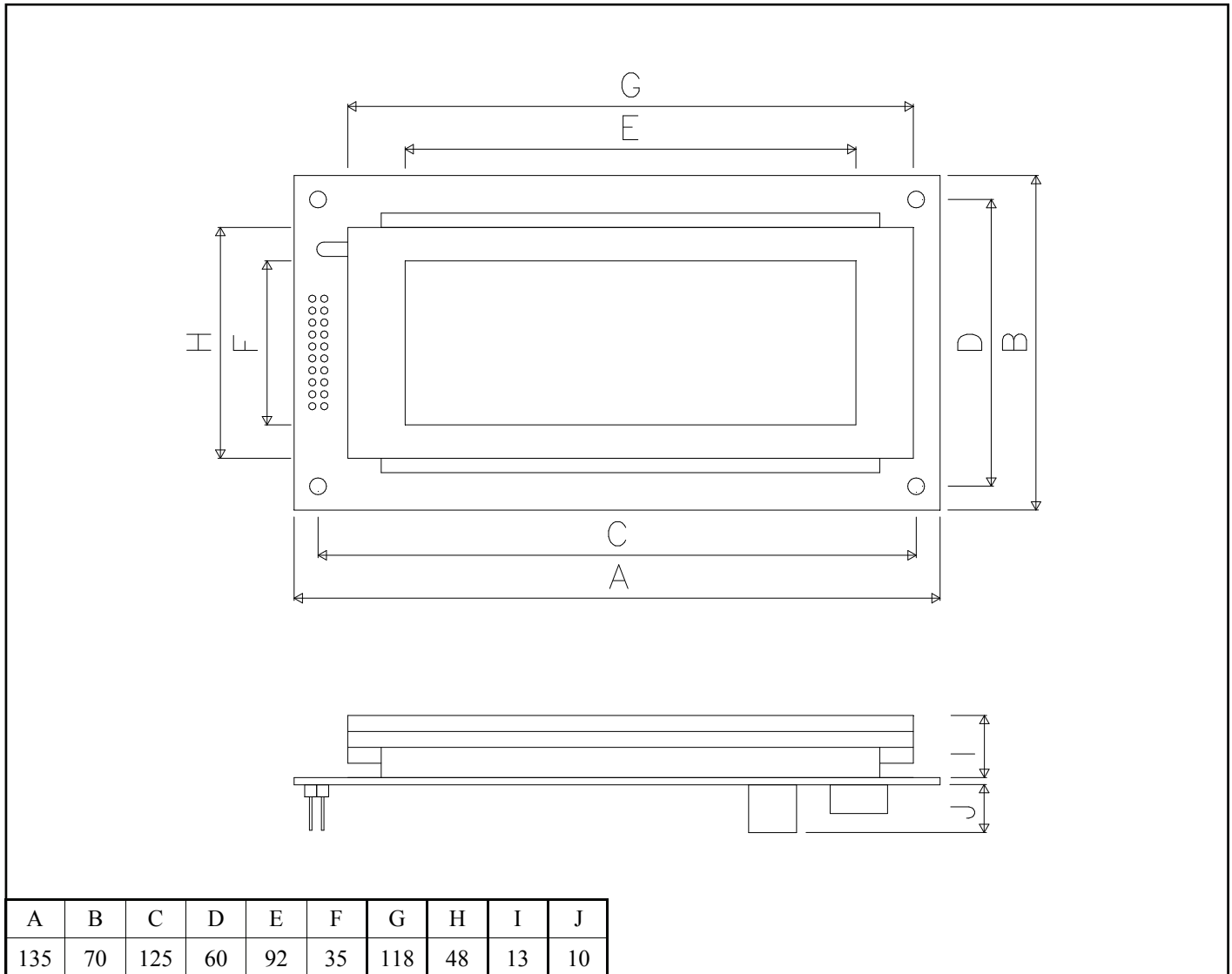
Intensity Control

Due to the level of luminescence achievable using the VFDB, it is not always necessary to use the display at maximum intensity. However, it is possible to adjust the level of intensity under software control, thus allowing dynamic use of the visual impact of the display.

Character Display

The VFDB is capable of displaying a full range of alpha-numeric characters (upper and lower case). In addition, character matrices can be user defined in order to accommodate specific requirements.

Dimensions



Specification

Nominal Supply Voltage:	5 Volts DC
Tolerance:	4.5 Volts DC to 5.5 Volts DC
Typical Supply Current:	750 Milliamps
Max. Supply Current:	1000 Milliamps
Max. Operational Ambient Temp:	+70 Degrees centigrade
Min. Operational Ambient Temp:	-20 Degrees centigrade
Max. Vibration (10 to 55 Hz):	4 G
Max. Shock:	40 G