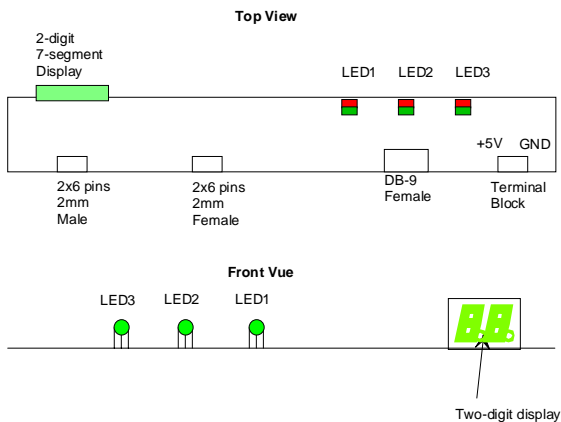
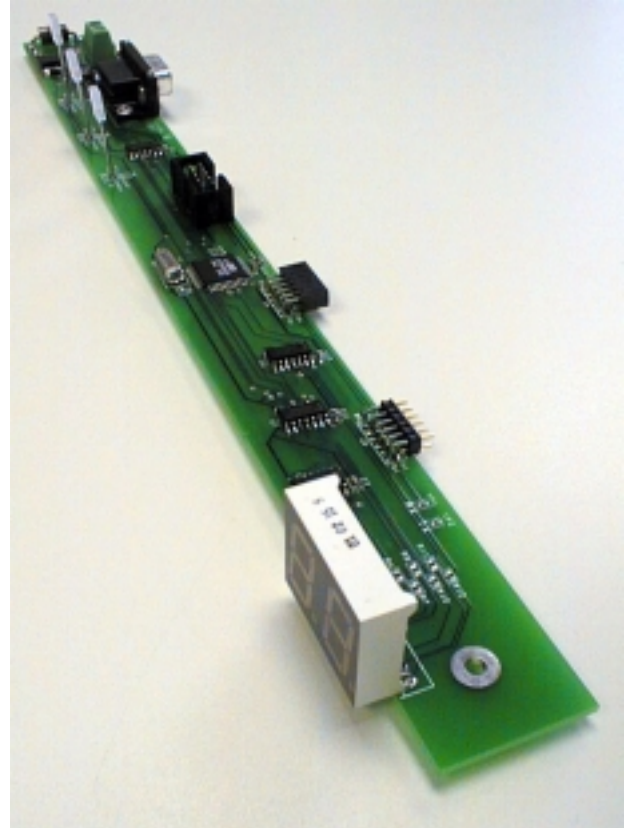


### Key Features

- Software controlled front-panel display:
  - 3 red/green LEDs
  - 2-digit seven-segment display.
- Plugs into and communicates with other ComBlock modules.
- Typical application is for use as front-panel display in a 19" rack mountable chassis. Height is consistent with a 1 rack unit (1.75" chassis).

For the latest data sheet, please refer to the **ComBlock** web site: [www.comblock.com/download/com6001.pdf](http://www.comblock.com/download/com6001.pdf). These specifications are subject to change without notice.

For an up-to-date list of **ComBlock** modules, please refer to [www.comblock.com/product\\_list.htm](http://www.comblock.com/product_list.htm).



### Electrical Interface

#### Inputs / Outputs

Inputs	Definition
<b>Serial Monitoring &amp; Control</b>	DB9 connector. 115 Kbaud/s. 8-bit, no parity, one stop bit. No flow control.
<b>Power Interface</b>	4.75 – 5.25VDC. Terminal block. Power consumption is 150mA typ.

## Configuration (via Serial Link / LAN)

Complete assemblies can be monitored and controlled centrally over a single serial or LAN connection.

The module configuration parameters are stored in the microprocessor as long as power is applied to the COM-6001 unit. The default configuration at power up is shown in bold. All control registers are read/write.

Parameters	Configuration
LED1	00 = off x1 = red on 1x = green on Default: <b>00</b> . REG0: bits 1-0
LED2	00 = off

	x1 = red on 1x = green on Default: <b>00</b> . REG0: bits 3-2
LED3	00 = off x1 = red on 1x = green on Default: <b>00</b> . REG0: bits 5-4
7-segment display left digit	ASCII character to be displayed. Device can display the following: 0123456789abcdeF-ACEHJLP REG1: bits 7:0 The leading dot can be controlled by using REG0 bit 6: 1/0 for on/off.
7-segment display right digit	REG2: bits 7:0. Same definition as above. The leading dot can be controlled by using REG0 bit 7: 1/0 for on/off.

## Mechanical Interface

