

## KVR266X72RC25/2G

### 2048MB 256 x 72-Bit DDR266 Registered CL2.5 ECC 184-Pin DIMM Module

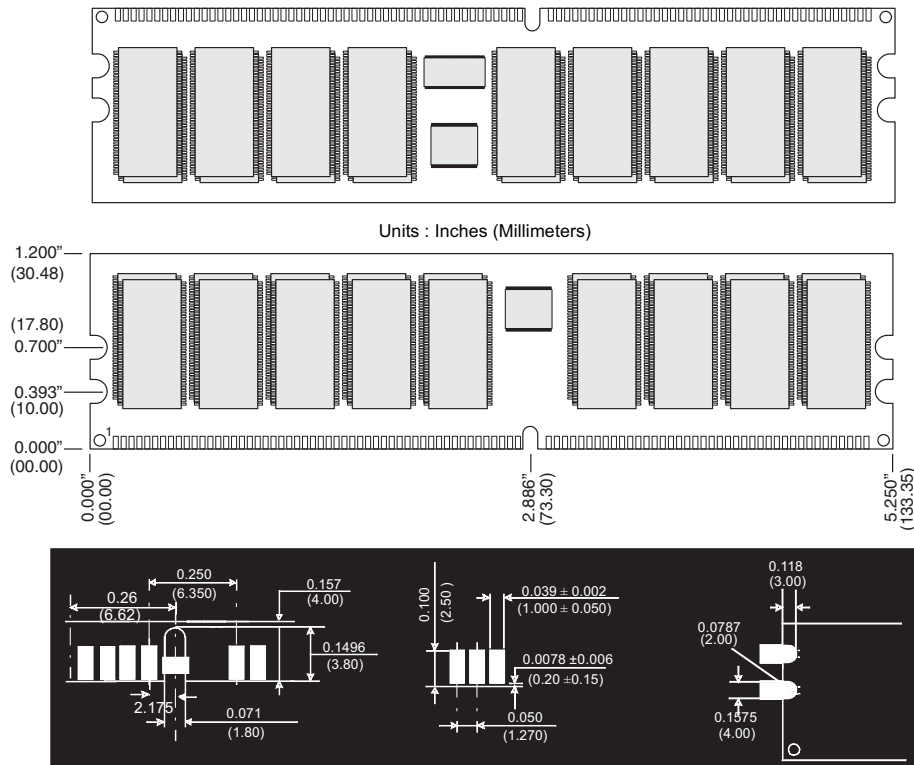
#### DESCRIPTION:

This document describes ValueRAM's 256M x 72-bit (2048MB), CAS Latency 2.5 SDRAM (Synchronous DRAM) Registered DDR266 ECC memory module. The components on this module include eighteen stacked 256M x 4-bit, 133MHz, 7.5ns, CL2.5 SDRAM and three 16-bit drivers in TSSOP packages. This 184-pin DIMM uses gold contact fingers and requires +2.5V. The electrical and mechanical specifications are as follows:

#### FEATURES:

- |                                 |                                |
|---------------------------------|--------------------------------|
| ✓ Clock Cycle Time (tCK)        | 7.5ns (min.) / 12ns (max.)     |
| ✓ Row Cycle Time (tRC)          | 65ns (min.)                    |
| ✓ Refresh Row Cycle Time (tRFC) | 75ns (min.)                    |
| ✓ Row Active Time (tRAS)        | 45ns (min.) / 120,000ns (max.) |
| ✓ Single Power Supply of        | +2.5V (+/- .25V)               |
| ✓ Power (IDD0)                  | 12.550 W operating             |
| ✓ UL Rating                     | 94 V - 0                       |

**Note:** The module defined in this data sheet is one of several configurations available under this part number. While all configurations are compatible, the DRAM combination and/or the module height may vary from what is described here. However, in no configuration will the module height exceed 1.700" (43.18mm).



**Figure 1: KVR266X72RC25/2G 184-Pin DDR SDRAM Module**