

## KVR266X64C25/128

### 128MB 16M x 64-Bit DDR266

### CL2.5 184-Pin DIMM

#### DESCRIPTION:

This document describes ValueRAM's 16M x 64-bit (128MB) DDR266 CL2.5 SDRAM (Synchronous DRAM) memory module. The components on this module include eight 16M x 8-bit (4M x 8-bit x 4 Bank) DDR266 SDRAM in TSOP 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 (+/- .2V)                |
| ✓ Power                         | 1.700 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 1.250" (31.75mm).

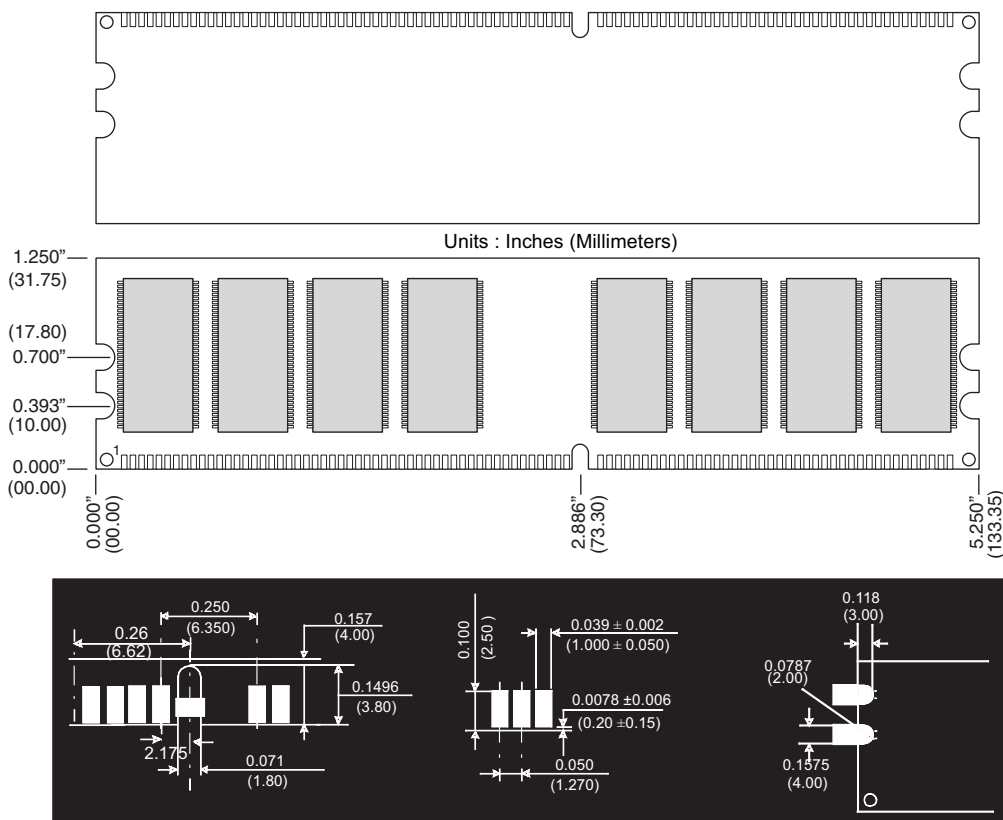


Figure 1: KVR266X64C25/128 184-Pin DDR SDRAM Module