

## KVR333X72C25/512

### 512MB 64M x 72-Bit DDR333

### CL2.5 ECC 184-Pin DIMM

#### DESCRIPTION:

This document describes ValueRAM's 64M x 72-bit (512MB) DDR333 CL2.5 SDRAM (Synchronous DRAM) ECC memory module. The components on this module include eighteen 32M x 8-bit (8M x 8-bit x 4 Bank) DDR333 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)        | 6ns (min.) / 12ns (max.)      |
| ✓ Row Cycle Time (tRC)          | 60ns (min.)                   |
| ✓ Refresh Row Cycle Time (tRFC) | 72ns (min.)                   |
| ✓ Row Active Time (tRAS)        | 42ns (min.) / 70,000ns (max.) |
| ✓ Single Power Supply of        | +2.5V (+/- .2V)               |
| ✓ Power                         | 4.950 W (operating)           |
| ✓ UL Rating                     | 94 V - 0                      |

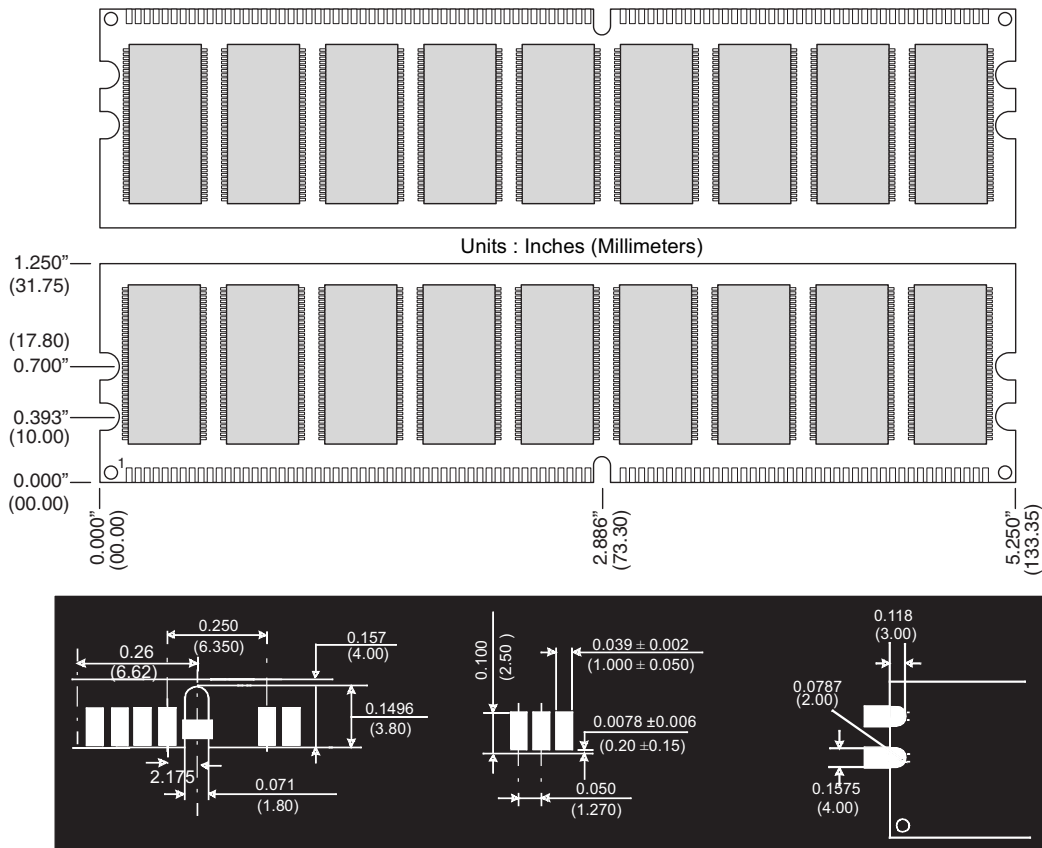


Figure 1: KVR333X72C25/512 184-Pin DDR SDRAM Module