# KVR266X72RC25/128
## *Registered DDR266 SDRAM 184-Pin ECC*
## *Dual In-Line Memory Module (DIMM)*

**DESCRIPTION:**

This document describes ValueRAM's 16M x 72-bit (128MB), CAS Latency 2.5 SDRAM (Synchronous DRAM) Registered DDR266 ECC memory module. The components on this module include nine 16M x 8-bit (4M x 8-bit x 4 Bank / 133MHz, 7.5ns, CL2.5 components) SDRAM in TSOP packages 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.) / 15ns (max.)
- ☑ Row Cycle Time (tRC)             65ns (min.)
- ☑ Refresh Row Cycle Time (tRFC)    75ns (min.)
- ☑ Row Active Time (tRAS)           45ns (min.) / 12,000ns (max.)
- ☑ Single Power Supply of           +2.5V (+/- .25V)
- ☑ Power                            3.075 W (operating)
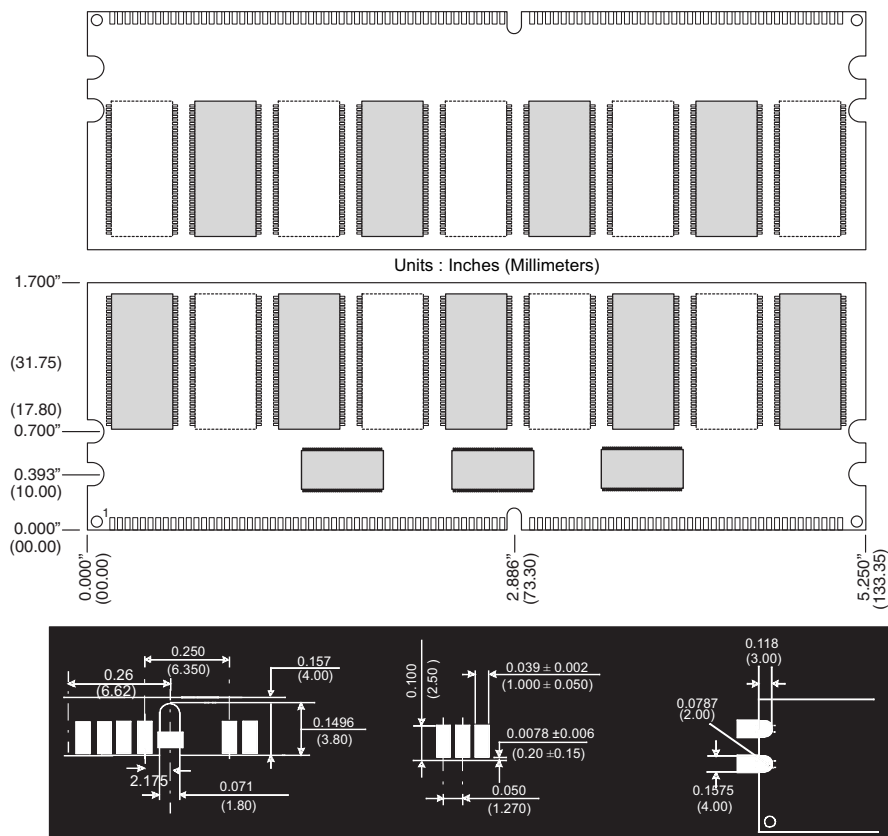- ☑ UL Rating                        94 V - 0



*Figure 1: KVR266X72C25/128 184-Pin DDR SDRAM Module*