

KVR333X72RC25/512D

**512MB 64M x 72-Bit DDR333 Registered
CL2.5 ECC 184-Pin DIMM**

DESCRIPTION:

This document describes ValueRAM's 64M x 72-bit (512MB) DDR333 CL2.5 SDRAM (Synchronous DRAM) Registered 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 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)	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 (IDD0)	5.775 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 1.200" (30.48mm).

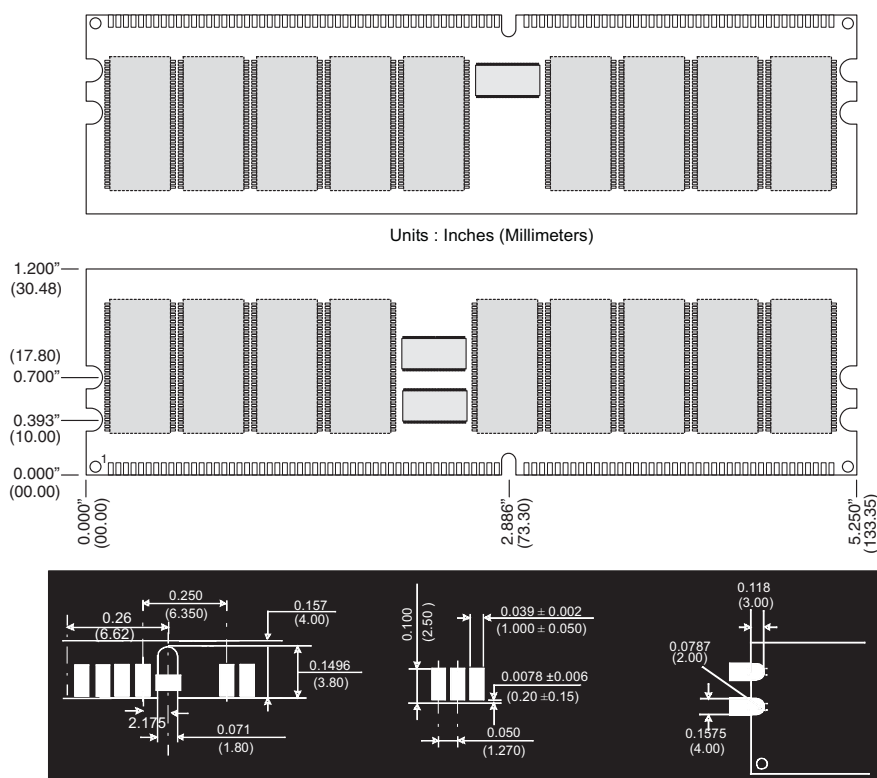


Figure 1: KVR333X72RC25/512D 184-Pin DIMM