

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).

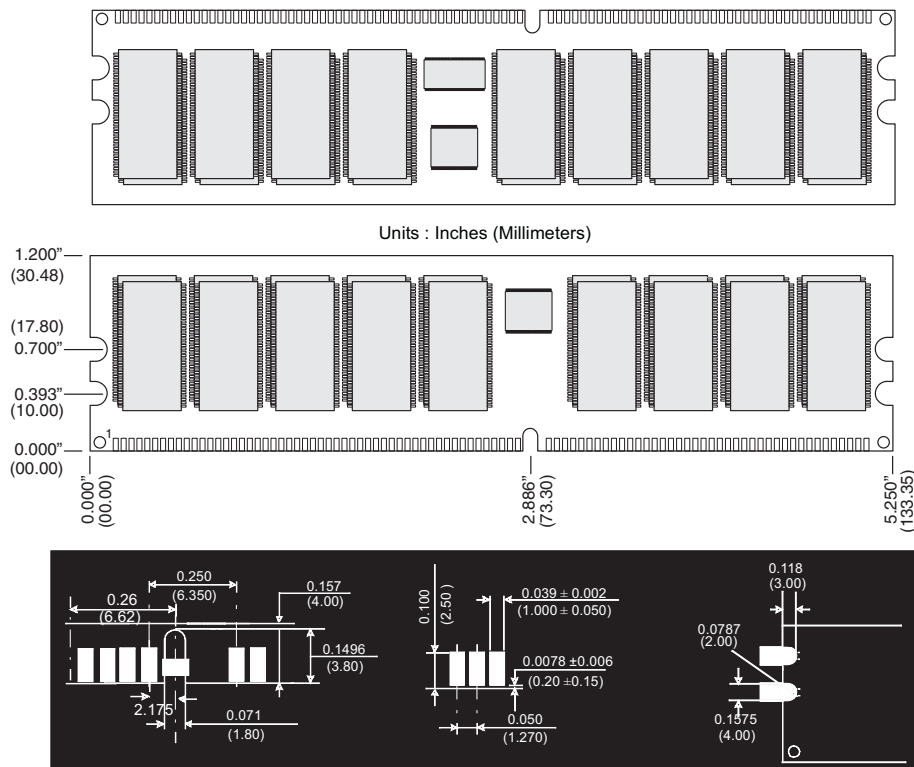


Figure 1: KVR266X72RC25/2G 184-Pin DDR SDRAM Module