KVR266X72C2/256

CL2 DDR266 SDRAM 184-Pin ECC Dual In-Line Memory Module (DIMM)

DESCRIPTION:

This document describes ValueRAM's 32M x 72-bit (256MB), CAS Latency 2 (CL2) SDRAM (Synchronous DRAM) DDR266 ECC memory module. The components on this module include eighteen 16M x 8-bit (4M x 8-bit x 4 Bank / 133MHz, 7.5ns, CL2 components) DDR 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.) / 120Kns (max.)
☑ Single Power Supply of	+2.5V (+/- .25V)
☑ Power (IDD1)	3.937 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).

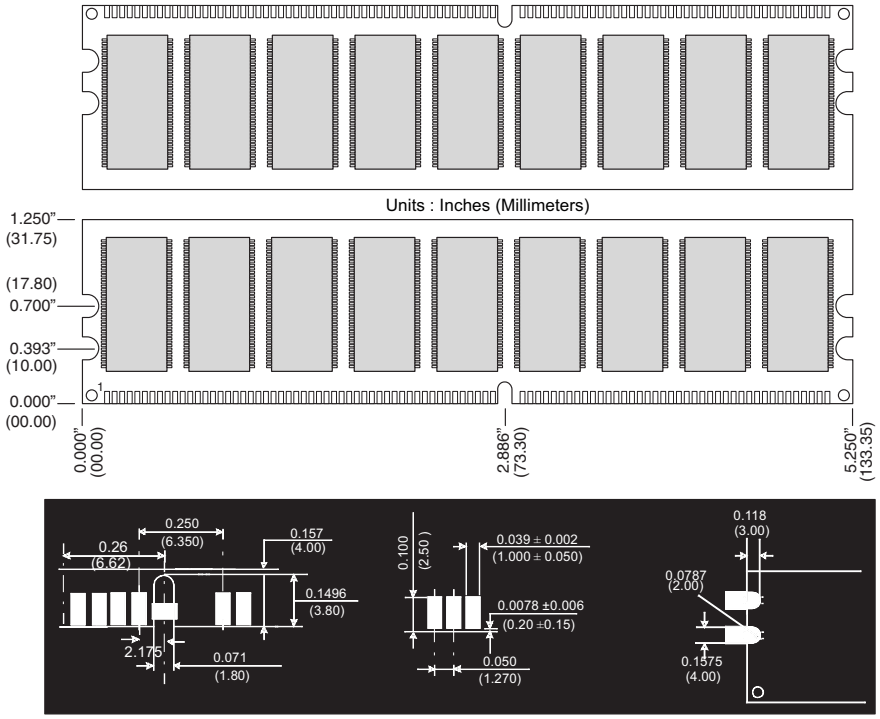

Figure 1: KVR266X72C2/256 184-Pin DDR SDRAM Module