

KVR266X72RC25L/256

256MB 32M x 72-Bit DDR266

Registered 184-Pin ECC DIMM

DESCRIPTION:

This document describes ValueRAM's 32M x 72-bit (256MB), CAS Latency 2.5 SDRAM (Synchronous DRAM) low-profile Registered DDR266 ECC memory module. The components on this module include nine 32M x 8-bit (8M 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.) / 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)	4.725 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 1.2" (30.48mm).

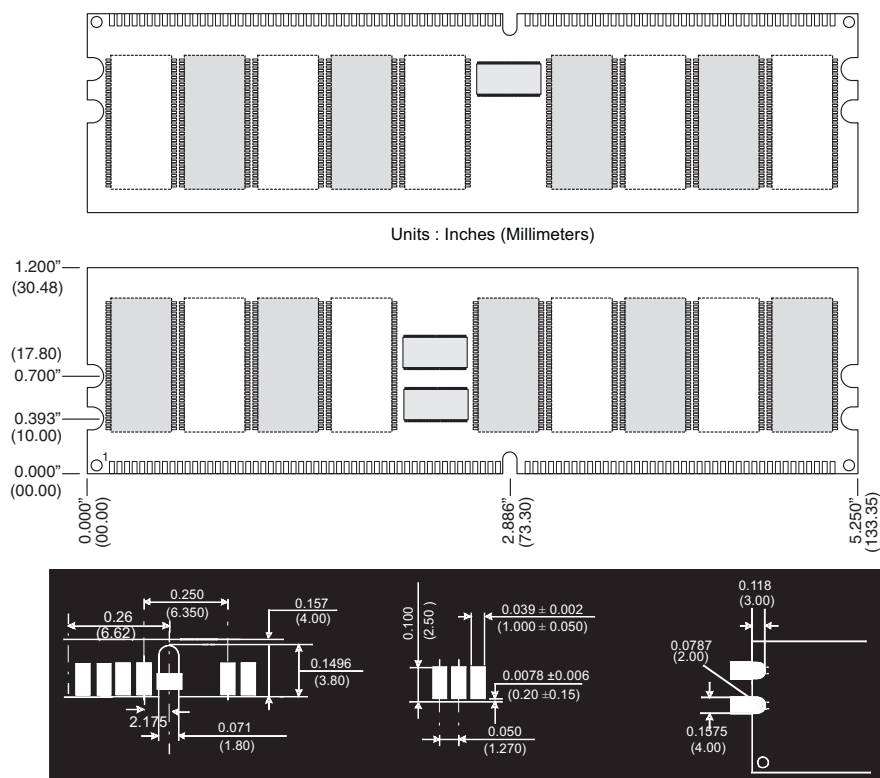


Figure 1: KVR266X72RC25L/256 184-Pin DDR SDRAM Module