

KVR266X72RC25/4G
4GB 512 x 72-Bit DDR266 CL2.5
Registered ECC 184-Pin DIMM

DESCRIPTION:

This document describes ValueRAM's 512M x 72-bit 4GB (4096MB) DDR266 CL2.5 SDRAM (Synchronous DRAM) registered ECC memory module. The components on this module include eighteen stacked 512M x 4-bit (thirty-six 256M x 4-Bit x 4 Bank) DDR266 SDRAM. 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 (+/- .2V)
✓	Power	10.062 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).

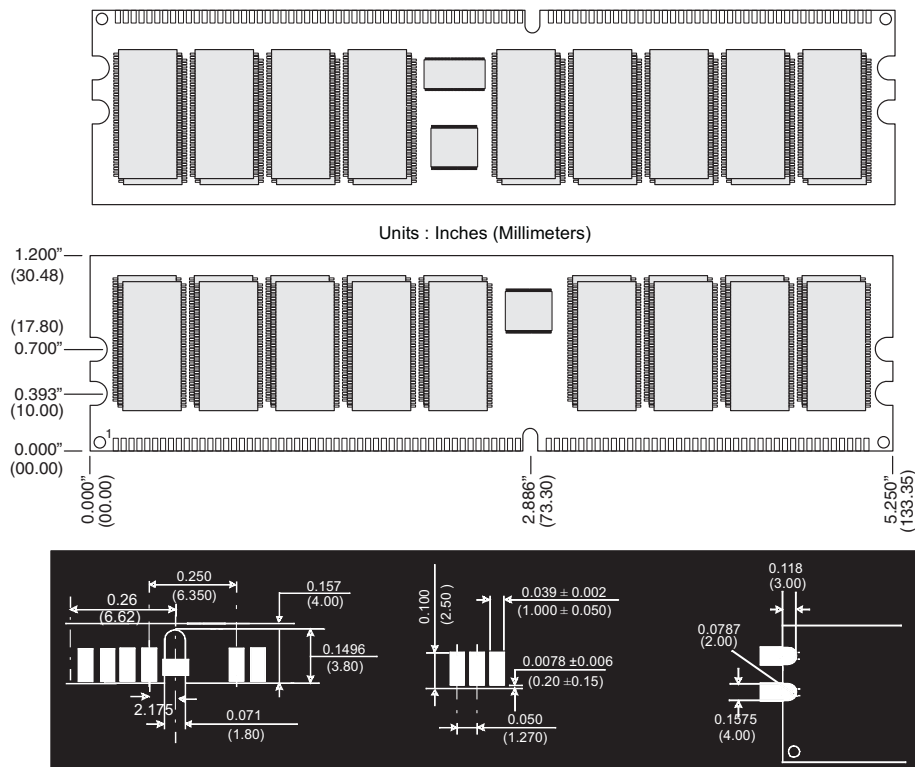


Figure 1: KVR266X72RC25/4G 184-Pin DIMM