

## Memory Module Specification

## KVR266X64C25/256 256MB 32M x 64-Bit DDR266 CL2.5 184-Pin DIMM

## **DESCRIPTION:**

This document describes ValueRAM's 32M x 64-bit (256MB) DDR266 CL2.5 memory module. The components on this module include eight 32M x 8-bit (8M x 8-bit x 4) DDR266 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)
 ✓ Refresh Row Cycle Time (tRFC)
 65ns (min.)
 75ns (min.)

Row Active Time (tRAS) 45ns (min.) / 120,000ns (max.)

✓ Single Power Supply of +2.5V (+/-.2V)
✓ Power 2.275 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).

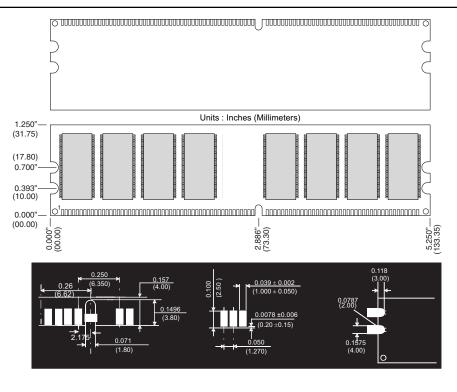


Figure 1: KVR266X64C25/256 184-Pin DDR Module