

## Memory Module Specification

# 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)
✓ Refresh Row Cycle Time (tRFC)
65ns (min.)
75ns (min.)

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

✓ Single Power Supply of +2.5V (+/-.25V) ✓ Power (IDD0) +2.5V (yerating)

**✓** 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).

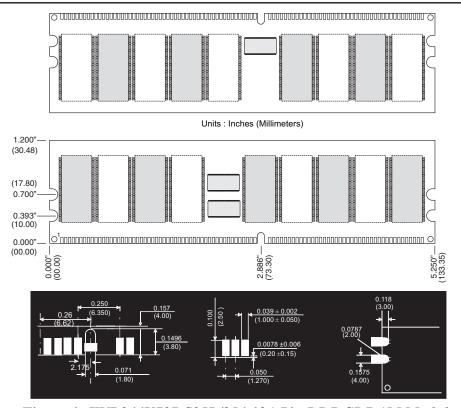


Figure 1: KVR266X72RC25L/256 184-Pin DDR SDRAM Module