

## KVR100X72RC3/256 PC100 Registered SDRAM 168-Pin DIMM Memory Module

### DESCRIPTION:

This document describes ValueRAM's 32M x 72-bit (256MB) PC100 CL3 (CAS Latency 3) Registered SDRAM (Synchronous DRAM) memory module. The components on this module include eighteen 16M x 8-bit SDRAM / PC100, CAS Latency 3 components) SDRAM in TSOP packages. This 168-pin DIMM uses gold contact fingers and requires +3.3V. The electrical and mechanical specifications are as follows:

### FEATURES:

- |                          |   |
|--------------------------|---|
| ✓ CLK Cycle Time (tCK)   | min. = 10ns (CAS Latency = 3) / max. = 1000ns |
| ✓ Row Cycle Time (tRC)   | 70ns  |
| ✓ CLK to Output (tAC)    | max. = 6ns (CAS Latency = 3)                  |
| ✓ Single Power Supply of | +3.3V (+/- .3V)                               |
| ✓ Power                  | 7.194 W (operating)                           |
| ✓ UL Rating              | 94 V - 0                                      |

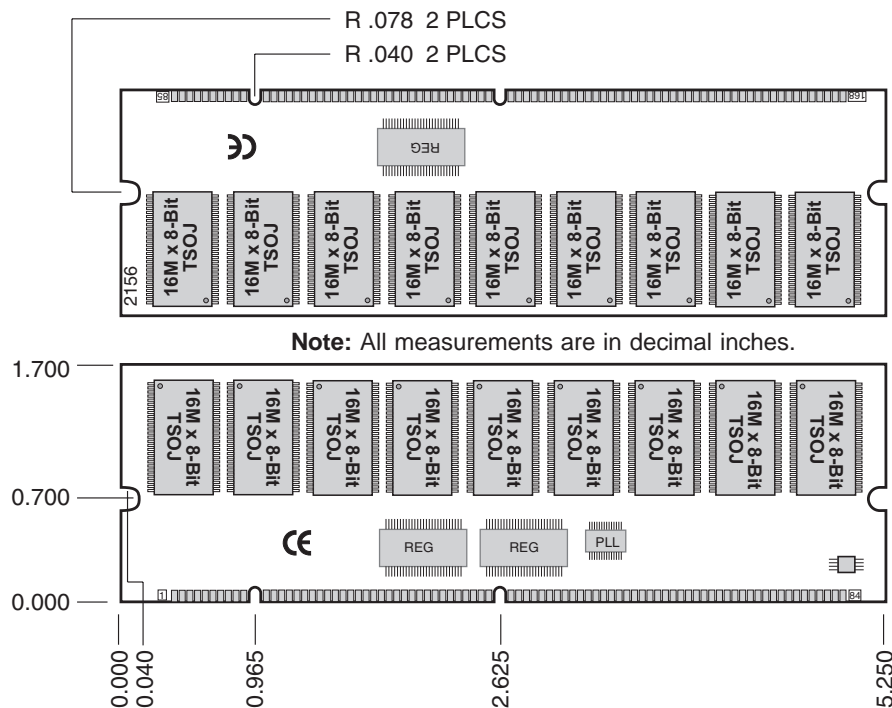


Figure 1: KVR100X72RC3/256 168-Pin SDRAM Module