

KVR100X72RC2/256

PC100 Registered SDRAM 168-Pin CL2 ECC DIMM Memory Module

DESCRIPTION:

This document describes ValueRAM's 32M x 72-bit (256MB) PC100 CL2 (CAS Latency 2) ECC Registered SDRAM (Synchronous DRAM) memory module. The components on this module include eighteen 16M x 8-bit (4M x 8-bit x 4 bank) SDRAM CL2 PC100 components 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 = 2) / max. = 1000ns
✓ Row Cycle Time (tRC)	70ns
✓ CLK to Output (tAC)	max. = 6ns (CAS Latency = 2)
✓ Single Power Supply of	+3.3V (+/- .3V)
✓ Power	7.194 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).

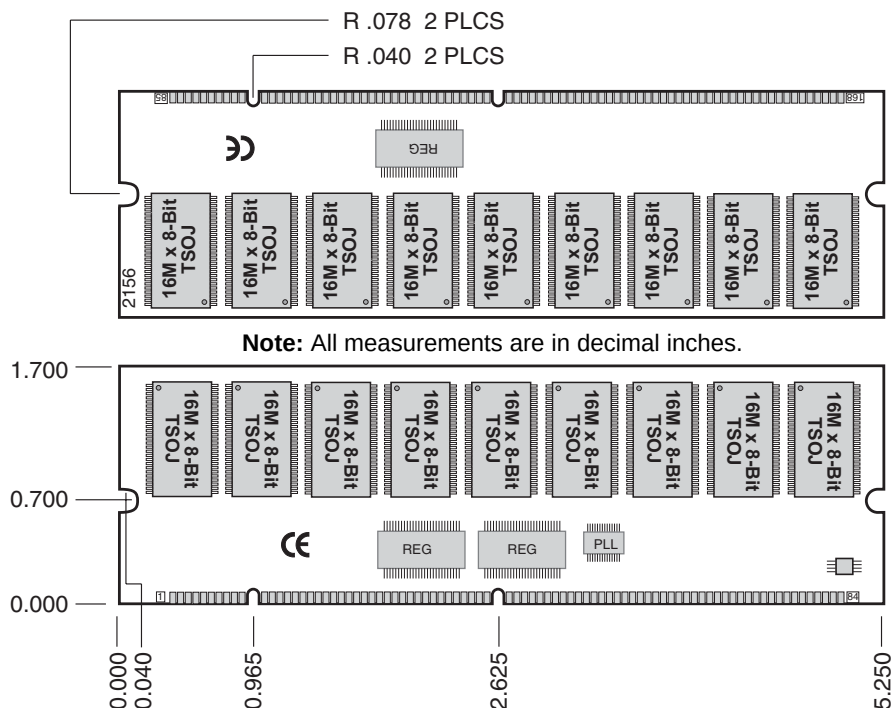


Figure 1: KVR100X72RC2/256 168-Pin SDRAM Module