

KVR133X72RC3L/512

**512MB 64M x 72-Bit PC133 Registered
CL3 Low Profile ECC 168-Pin DIMM**

DESCRIPTION:

This document describes ValueRAM's 64M x 72-bit (512MB) CAS Latency 3 (CL3) Registered SDRAM (Synchronous DRAM) PC133 low profile memory module. The components on this module include eighteen 64M x 4-bit (16M x 4-bit x 4 Bank) PC133 SDRAM (8K refresh) 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 (tCC)	min. = 7.5ns (CAS Latency = 3) / max. = 1000ns
✓ Row Cycle Time (tRC)	65ns
✓ CLK to Output (tSAC)	max. = 5.4ns (CAS Latency = 3)
✓ Single Power Supply of	+3.3V (+/- .3V)
✓ Power	5.808 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 1.2" (30.48mm).

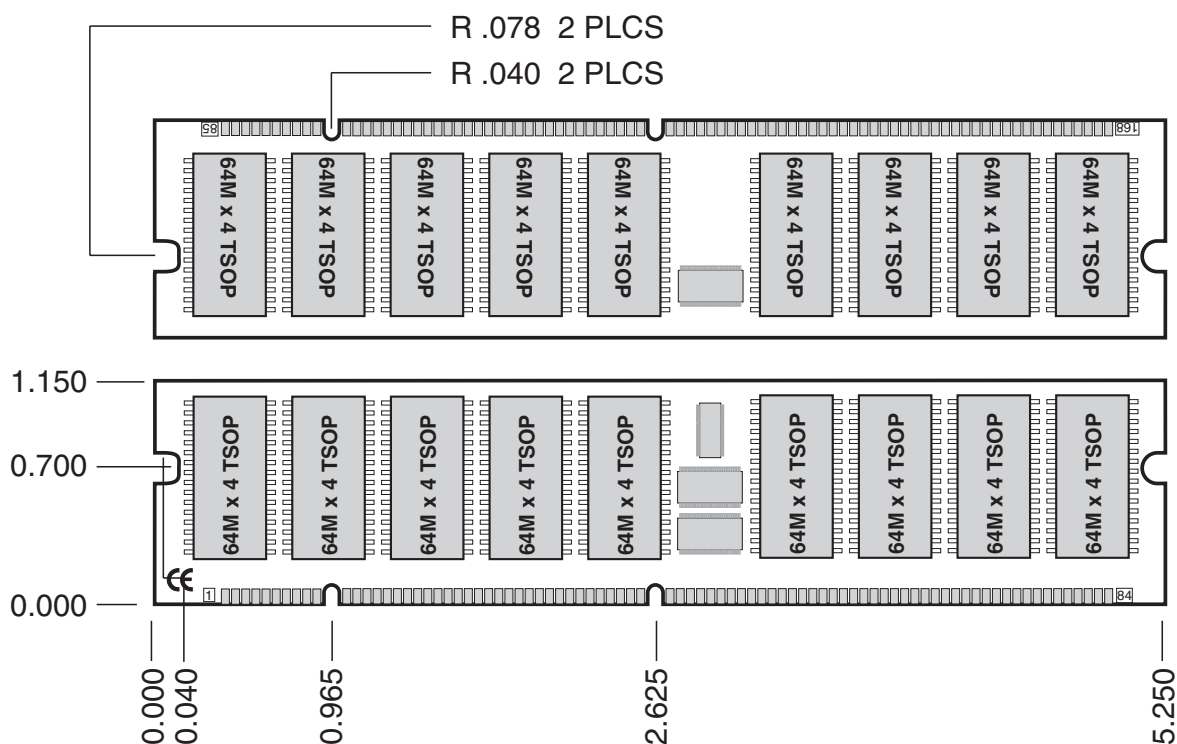


Figure 1: KVR133X72RC3L/512 168-Pin SDRAM Module