ValueRAM™ BY KINGSTON

Memory Module Specification

KVR133X64C3L/256

256MB 32M x 64-Bit PC133
CL3 Low Profile 168-Pin DIMM

DESCRIPTION:

This document describes ValueRAM's 32M x 64-bit (256MB) CL3 PC133 SDRAM (Synchronous DRAM) low profile memory module. The components on this module include eight 32M x 8-bit (8M x 8-bit x 4 Bank) PC133 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 (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	2.376 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).

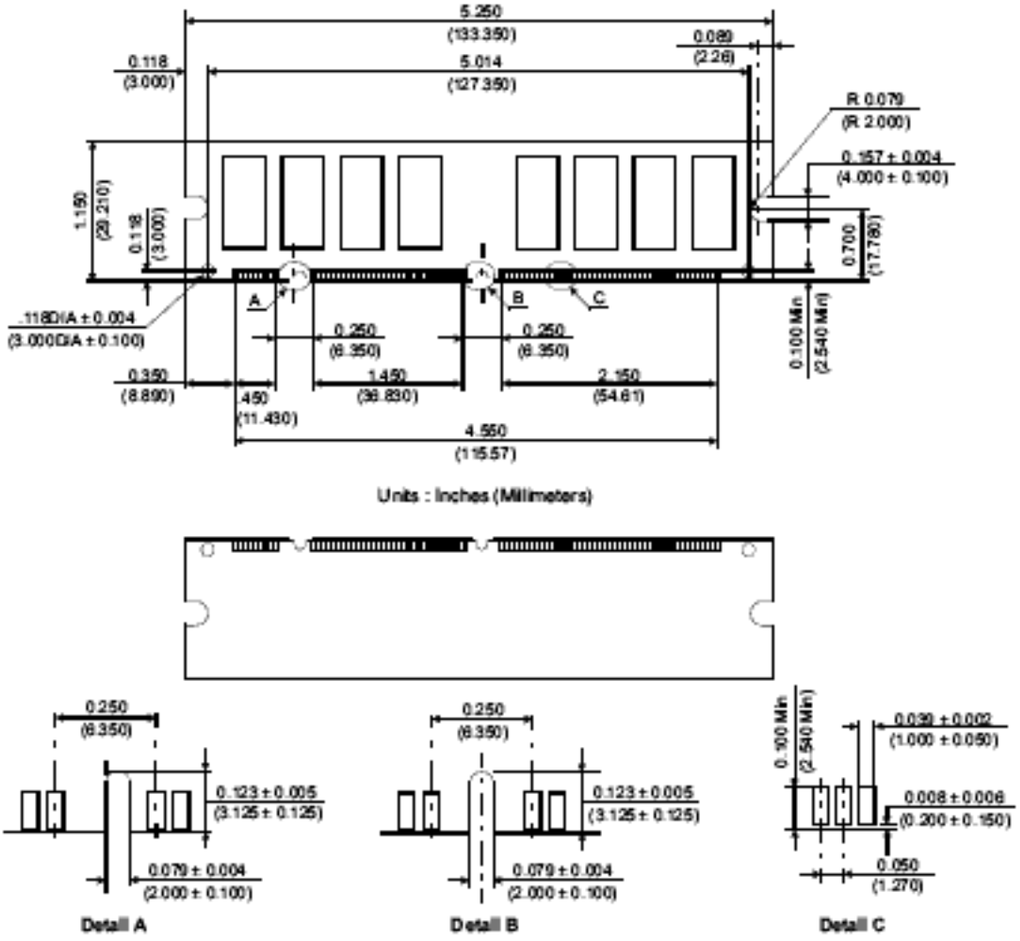


Figure 1: KVR133X64C3L/256 168-Pin SDRAM Module