

Memory Module Specification

KVR133X72C3/128
128MB 16M x 72-Bit PC133
CL3 ECC 168-Pin DIMM

DESCRIPTION:

This document describes ValueRAM's 16M x 72-bit (128MB) CL3 SDRAM (Synchronous DRAM) PC133 ECC DIMM module. The components on this module include nine 16M x 8-bit (4M 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:

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|---|------------------------|--|
| ✓ | 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 | 2.673 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 1.375" (34.92mm).

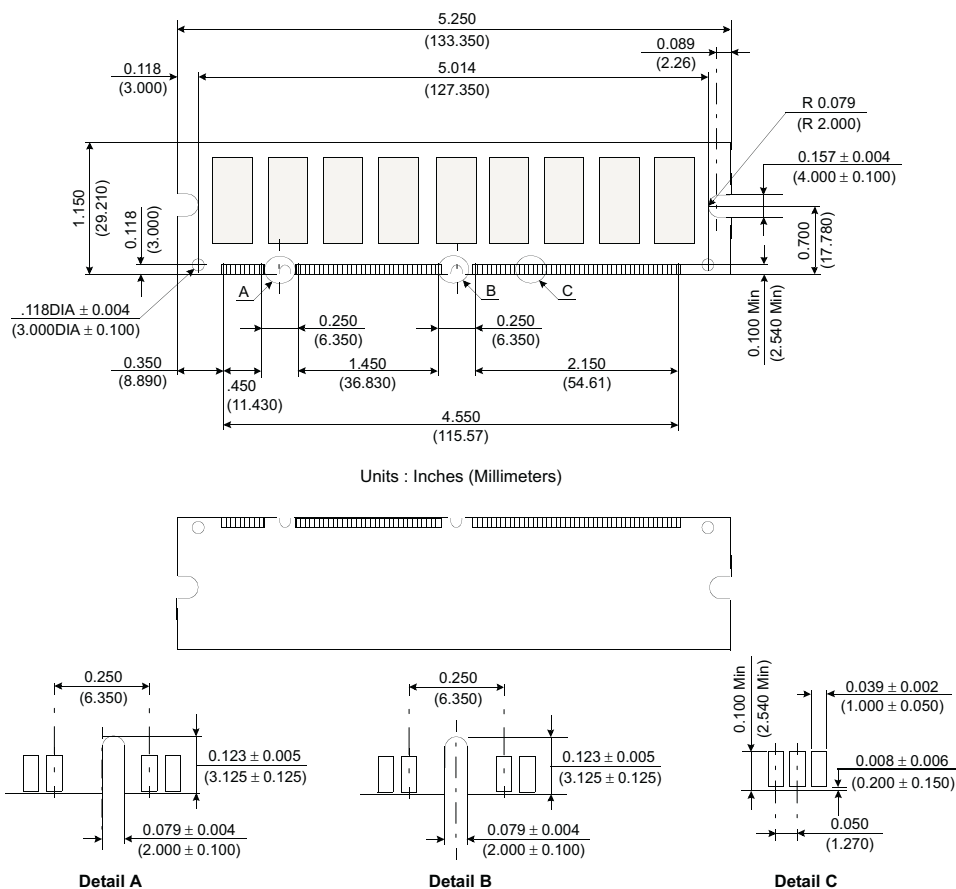


Figure 1: KVR133X72C3/128 168-Pin SDRAM Module