

## KVR133X64C3L/128 128MB 16M x 64-Bit PC133 CL3 Low Profile 168-Pin DIMM

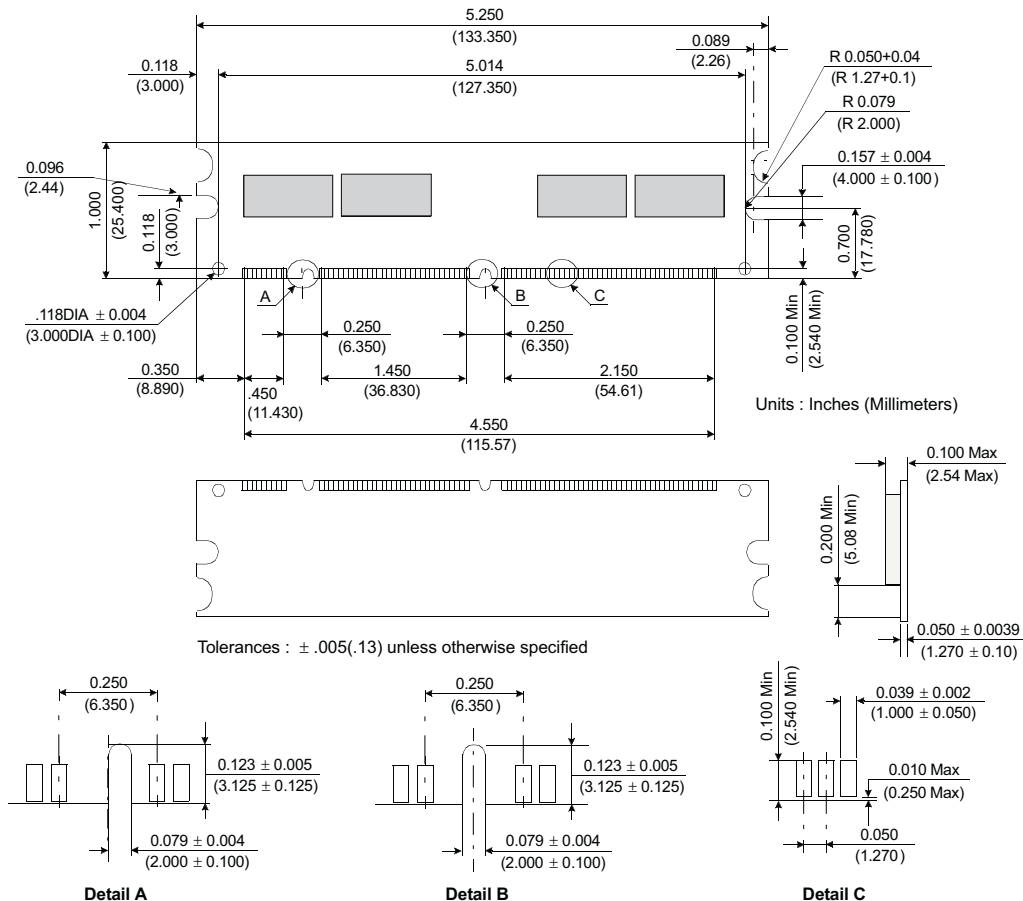
### DESCRIPTION:

This document describes ValueRAM's 16M x 64-bit (128MB) CL3 SDRAM (Synchronous DRAM) PC133 low profile memory module. The components on this module include four 16M x 16-bit (4M x 16-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 1.320 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 1.200" (30.48mm).



**Figure 1: KVR133X64C3L/128 168-Pin SDRAM Module**