

Memory Module Specifications

KVR667D2D4P5/8G

8GB 1024M x 72-Bit DDR2-667

CL5 Registered w/Parity 240-Pin DIMM

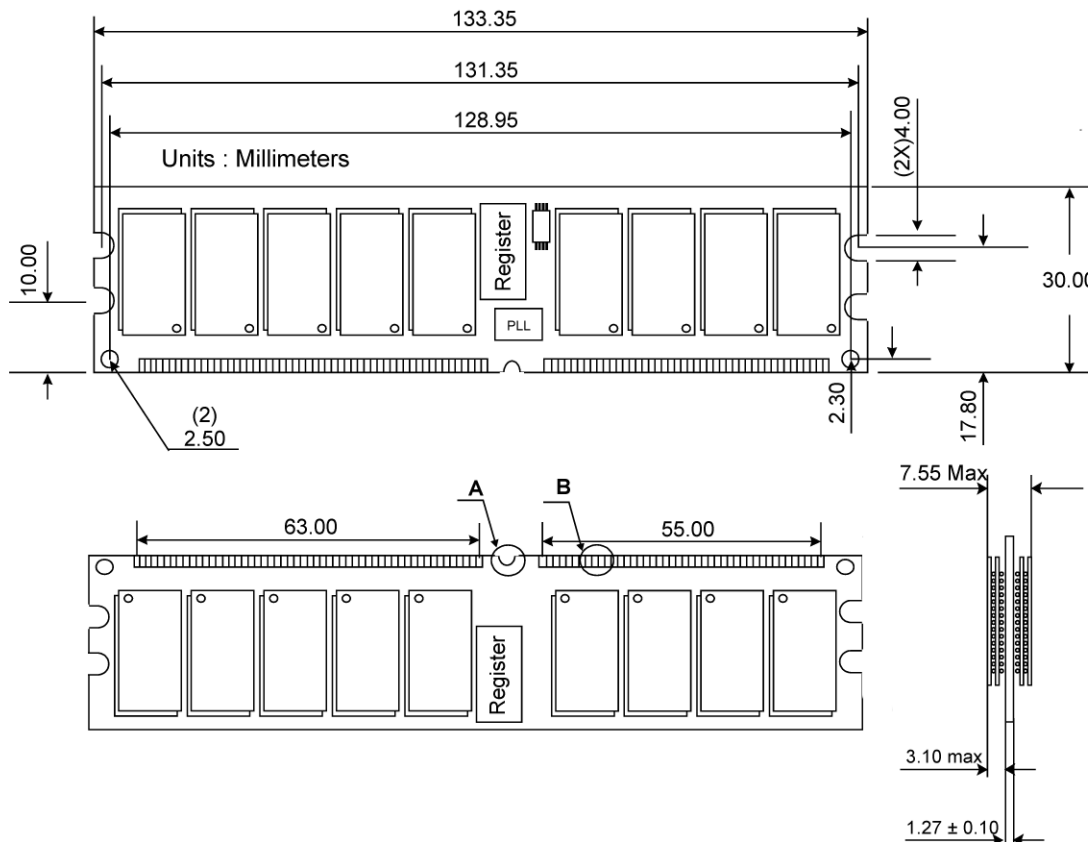
DESCRIPTION

This document describes ValueRAM's 1024M x 72-bit (8GB) DDR2-667 CL5 SDRAM (Synchronous DRAM) "dual rank" Registered w/Parity memory module. The components on this module include thirty-six stacked 512M x 4-Bit SDRAMs. This 240-pin DIMM uses gold contact fingers and requires +1.8V. The electrical and mechanical specifications are as follows:

SPECIFICATIONS

| | |
|---|-------------------------------|
| Clock Cycle Time (tCK) CL=5 | 3ns (min.) / 8ns (max.) |
| Row Cycle Time (tRC) | 60ns (min.) |
| Refresh to Active/Refresh Command Time (tRFC) | 195ns |
| Row Active Time (tRAS) | 45ns (min.) / 70,000ns (max.) |
| Single Power Supply of | +1.8V (+/- .1V) |
| Power | 6.264 W (operating) |
| UL Rating | 94 V - 0 |

Figure 1: KVR667D2D4P5/8G 240-Pin DIMM



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