

KVR333D4R25/2G

2GB 256M x 72-Bit DDR333 CL2.5

Registered 184-Pin ECC DIMM

DESCRIPTION:

This document describes ValueRAM's 256M x 72-bit 2GB (2048MB) DDR333 CL2.5 SDRAM (Synchronous DRAM) "dual rank" Registered ECC memory module. The components on this module include thirty-six 128M x 4-bit (32M x 4-Bit x 4 bank) DDR333 SDRAM in FBGA packages. This 184-pin DIMM uses gold contact fingers and requires +2.5V. The electrical and mechanical specifications are as follows:

FEATURES:

- | | |
|---------------------------------|-------------------------------|
| ✓ Clock Cycle Time (tCK) | 6ns (min.) / 12ns (max.) |
| ✓ Row Cycle Time (tRC) | 60ns (min.) |
| ✓ Refresh Row Cycle Time (tRFC) | 72ns (min.) |
| ✓ Row Active Time (tRAS) | 42ns (min.) / 70,000ns (max.) |
| ✓ Single Power Supply of | +2.5V (+/- .2V) |
| ✓ Power | 10.225 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).

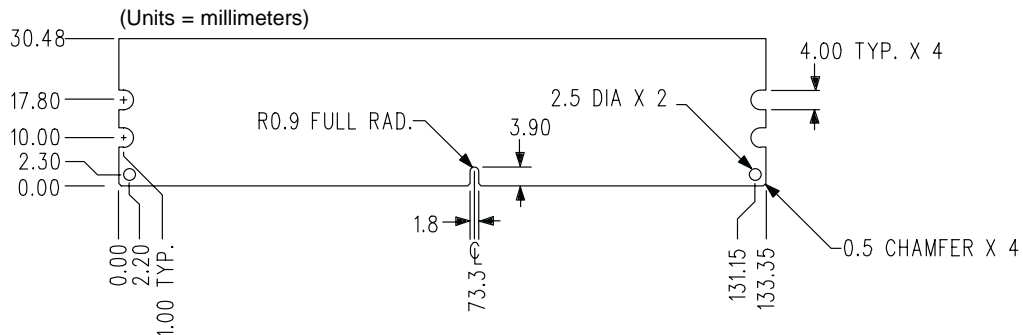
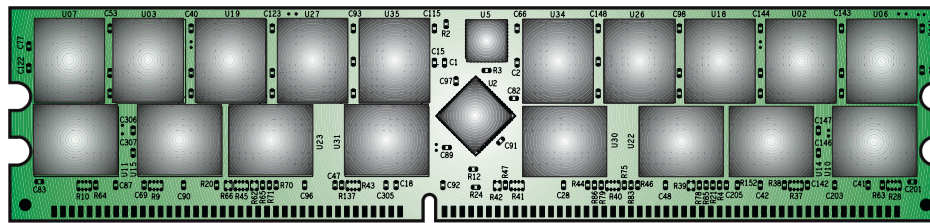
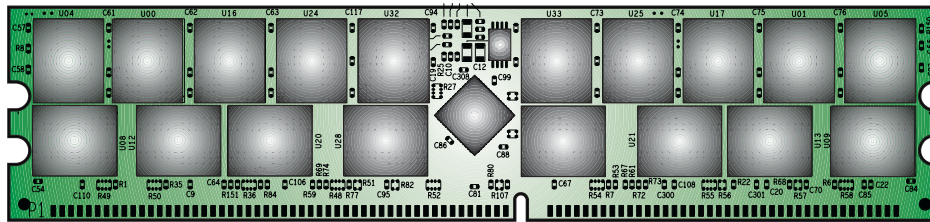


Figure 1: KVR333D4R25/2G 184-Pin DIMM