

KVR667D2D4P5/4G

4GB 512M x 72-Bit DDR2-667

CL5 Registered w/Parity 240-Pin DIMM

DESCRIPTION:

This document describes ValueRAM's 512M x 72-bit 4GB (4096MB) DDR2-667 CL5 SDRAM (Synchronous **DRAM**) "dual rank" Registered w/Parity memory module. The components on this module include eighteen stacked 512M x 4-Bit (thirty-six 256M x 4-bit) DDR2-667 SDRAM. This 240-pin DIMM uses gold contact fingers and requires +1.8V. The electrical and mechanical specifications are as follows:

FEATURES:

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|-------------------------------------------------|-------------------------------|
| ✓ Clock Cycle Time (tCK) CL=5 | 3ns (min.) / 8ns (max.) |
| ✓ Row Cycle Time (tRC) | 54ns (min.) |
| ✓ Refresh to Active/Refresh Command Time (tRFC) | 127.5ns |
| ✓ Row Active Time (tRAS) | 39ns (min.) / 70,000ns (max.) |
| ✓ Single Power Supply of | +1.8V (+/- .1V) |
| ✓ Power | 5.940 W (operating) |
| ✓ UL Rating | 94 V - 0 |

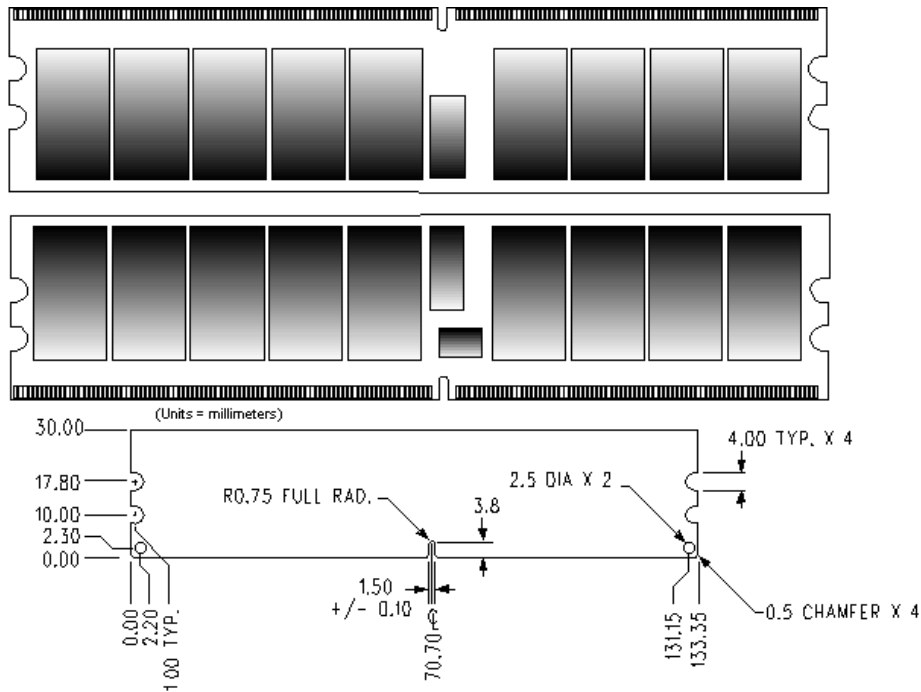


Figure 1: KVR667D2D4P5/4G 240-Pin DIMM