KVR333Q4R25/4G

4GB 512M x 72-Bit DDR333
CL2.5 Registered 184-Pin ECC DIMM

DESCRIPTION:

This document describes ValueRAM's 512M x 72-bit 4GB (4096MB) DDR333 CL2.5 SDRAM (Synchronous DRAM) "quad rank" Registered ECC memory module. The components on this module include thirty-six stacked 256M x 4-bit (seventy-two 128M x 4-Bit) DDR333 SDRAM. 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	15.00 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 2.047" (52.00mm).

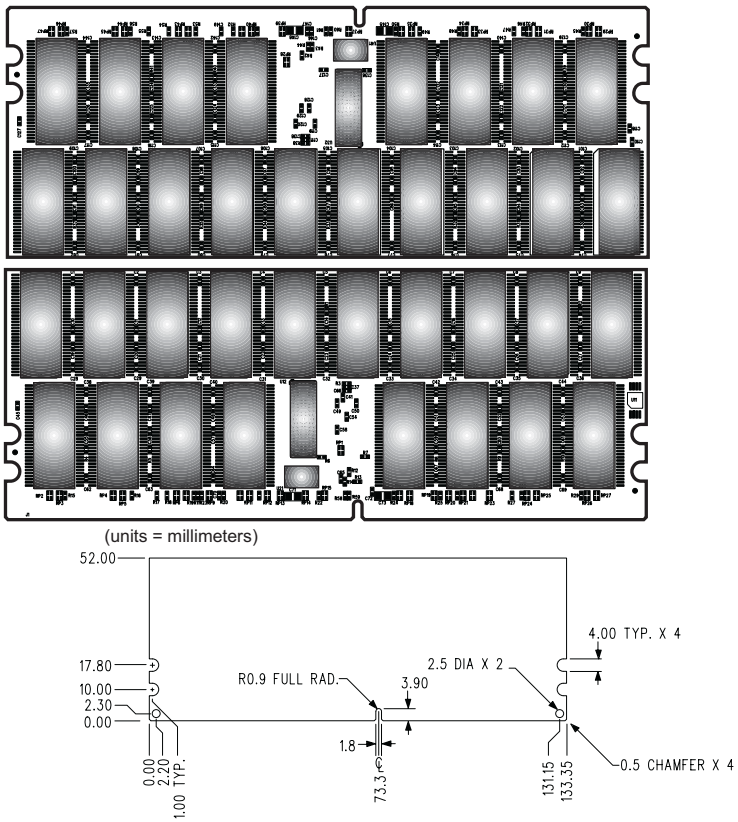

Figure 1: KVR333D4R25/4G 184-Pin DIMM