

KVR333D4R25/4G

4GB 512M x 72-Bit DDR333

CL2.5 Registered 184-Pin ECC DIMM

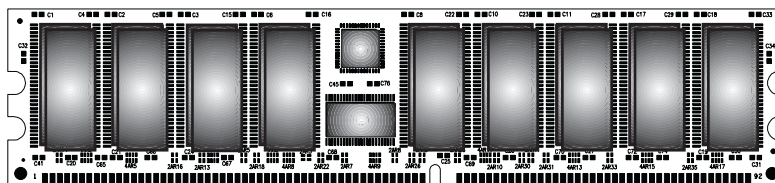
DESCRIPTION:

This document describes ValueRAM's 512M x 72-bit 4GB (4096MB) DDR333 CL2.5 SDRAM (Synchronous DRAM) "dual rank" Registered ECC memory module. The components on this module include eighteen stacked 512M x 4-bit (thirty-six 256M 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:

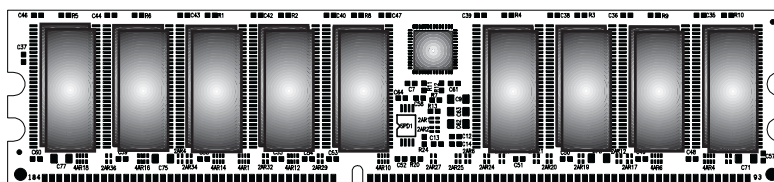
FEATURES:

✓ 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	11.500 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).



COMP SIDE



SOLDER SIDE- MIRRORED

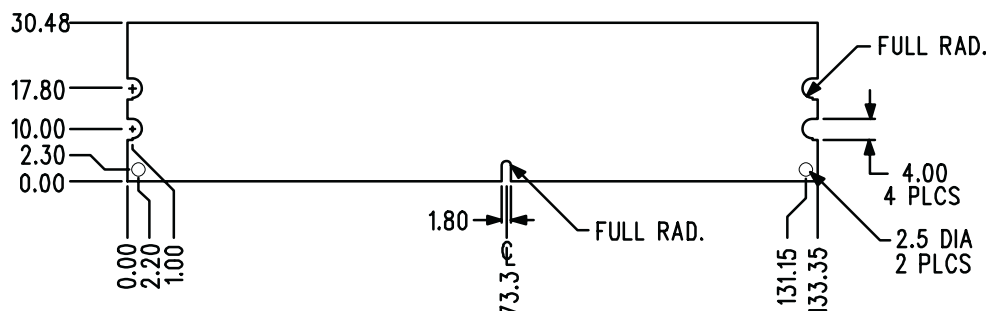


Figure 1: KVR333D4R25/4G 184-Pin DIMM