KVR333S4R25/2G
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) "single rank" Registered ECC memory module. The components on this module include eighteen 256M x 4-bit DDR333 SDRAM in TSOP 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   8.175 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).
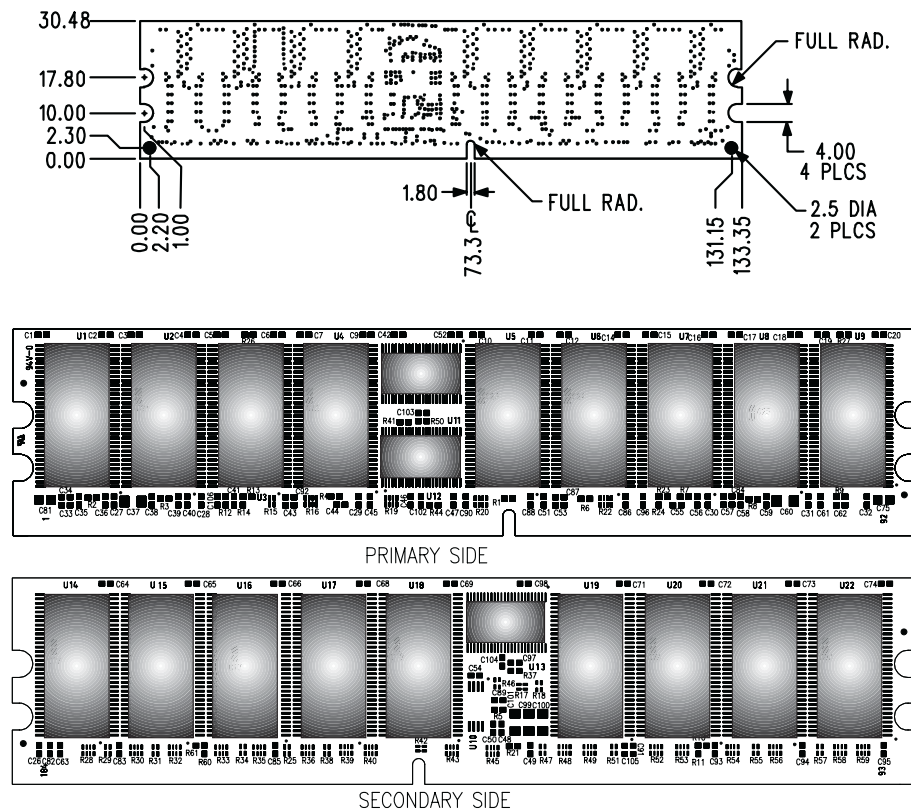

Figure 1: KVR333D4R25/2G 184-Pin DIMM