

## KVR266X72RC25/512

### 512MB 64M x 72-Bit DDR266 CL2.5

### Registered ECC 184-Pin DIMM

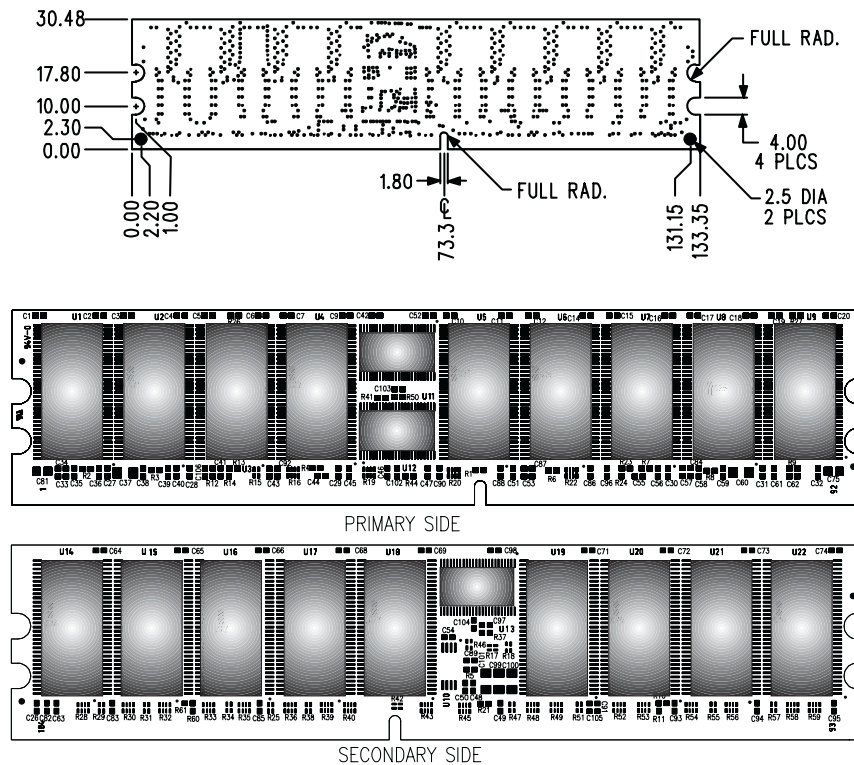
#### DESCRIPTION:

This document describes ValueRAM's 64M x 72-bit (512MB) DDR266 CL2.5 SDRAM (Synchronous DRAM) Registered ECC memory module. The components on this module include eighteen 64M x 4-bit (16M x 4-bit x 4 Bank) DDR266 components 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) 7.5ns (min.) / 12ns (max.)
- ✓ Row Cycle Time (tRC) 65ns (min.)
- ✓ Refresh Row Cycle Time (tRFC) 75ns (min.)
- ✓ Row Active Time (tRAS) 45ns (min.) / 120,000ns (max.)
- ✓ Single Power Supply of +2.5V (+/- .2V)
- ✓ Power 5.175 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 1.700" (43.18mm).



**Figure 1: KVR266X72RC25/512 184-Pin DIMM**