

## KVR800D2S6/4G

### 4GB 512M x 64-Bit DDR2-800

### CL6 200-Pin SODIMM

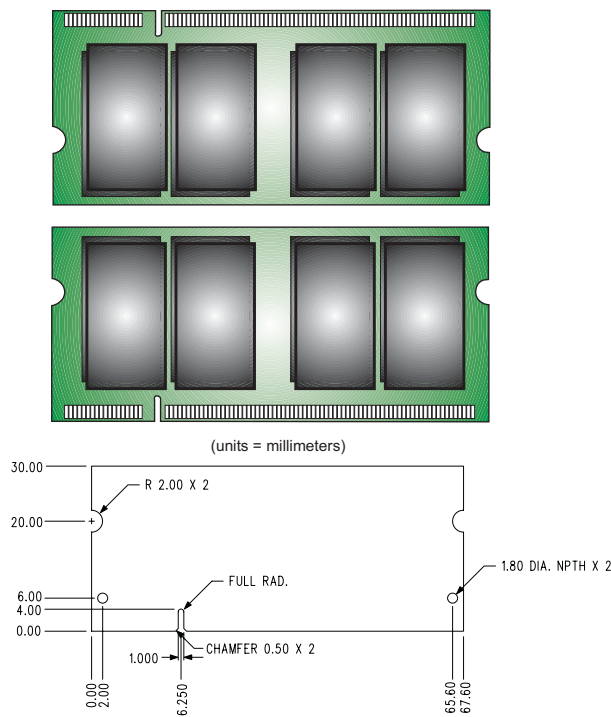
#### DESCRIPTION:

This document describes ValueRAM's 512M x 64-bit 4GB (4096MB) CL6 DDR2-800 SDRAM (Synchronous **DRAM**) memory module. The components on this module include sixteen stacked 256M x 8-bit DDR2-800 SDRAM. This 200-pin SODIMM uses gold contact fingers and requires +1.8V. The electrical and mechanical specifications are as follows:

#### FEATURES:

✓ Clock Cycle Time (tCK) CL=6	2.5ns
✓ Row Cycle Time (tRC)	60ns (min.)
✓ Refresh to Active/Refresh Command Time (tRFC)	195ns
✓ Row Active Time (tRAS)	45ns (min.) / 70,000ns (max.)
✓ Single Power Supply of	+1.8V (+/- .1V)
✓ Power	1.440 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.



**Figure 1: KVR800D2S6/4G 200-Pin SODIMM**