## Memory Module Specification

## KVR533D2N4K2/2G

2GB (1GB 128M x 64-Bit x 2 pcs.)
DDR2-533 CL4 240-Pin DIMM Kit

## **DESCRIPTION:**

ValueRAM's KVR533D2N4K2/2G is a kit of two 128M x 64-bit (1GB) DDR2-533 CL4 SDRAM (Synchronous **DRAM**) memory modules. Total kit capacity it 2GB. The components on each module include eight 128M x 8-bit DDR2-533 SDRAM in FBGA packages. Each 240-pin DIMM uses gold contact fingers and requires +1.8V. The electrical and mechanical specifications are as follows:

## **FEATURES:**

☑ Clock Cycle Time (tCK) CL=4

☑ Row Cycle Time (tRC)

Refresh to Active/Refresh Command Time (tRFC)

☑ Row Active Time (tRAS)

☑ Single Power Supply of

2 Power

☑ UL Rating

3.75ns (min.) / 8ns (max.)

55ns (min.)

127.5ns

40ns (min.) / 70,000ns (max.)

+1.8V (+/-.1V)

1.170W (operating)

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.

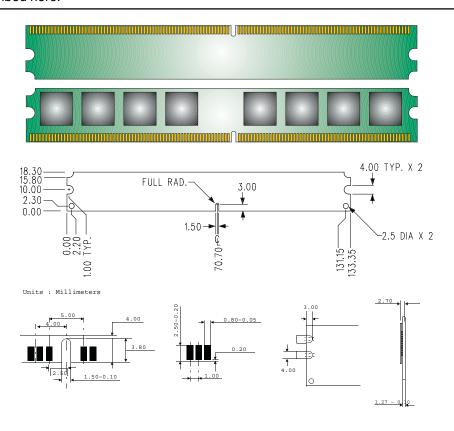


Figure 1: KVR533D2N4K2/2G 240-Pin DIMM Kit