

## Memory Module Specification

## KVR400X64C3AK2/1G

1GB (512MB 64M x 64-Bit x 2 pcs.)
DDR400 CL3 184-Pin DIMM Kit

## **DESCRIPTION:**

ValueRAM's KVR400X64C3AK2/1G is a kit of two 64M x 64-bit (512MB) CL3 DDR400 SDRAM (Synchronous **DRAM**) memory modules. Total kit capacity is 1GB (1024MB). The components on each module include sixteen 32M x 8-bit (8M x 8-bit x 4 Bank) DDR400 SDRAM in TSOP packages. Each 184-pin DIMM uses gold contact fingers and requires +2.6V. The electrical and mechanical specifications are as follows:

## **FEATURES:**

☑ Clock Cycle Time (tCK) 5ns (min.) / 10ns (max.)

✓ Row Cycle Time (tRC)✓ Refresh Row Cycle Time (tRFC)55ns (min.)70ns (min.)

☑ Row Active Time (tRAS) 40ns (min.) / 70,000ns (max.)

✓ Single Power Supply of +2.6V (+/- .1V)
 ✓ Power (IDD0) 3.744 W (operating)

**☑** UL Rating 94 V - 0

**Note:** For some configurations, the module height may vary from what is described here. However, in no configuration will the module height exceed 1.250" (31.75mm).

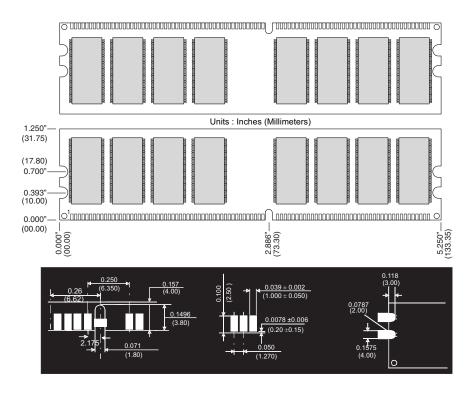


Figure 1: KVR400X64C3AK2/1G 184-Pin DIMM