KVR400X64C3AK2/2G

2GB (128M x 64-Bit x 2 pcs.)
DDR400 CL3 184-Pin DIMM Kit

DESCRIPTION

ValueRAM's KVR400X64C3AK2/2G is a kit of two 128M x 64-bit (1GB) DDR400 CL3 SDRAM (Synchronous DRAM) memory modules. Total kit capacity is 2GB (2048MB). The components on each module include sixteen 64M x 8-bit (16M 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:

SPECIFICATIONS

Clock Cycle Time (tCK)	5ns (min.) / 10ns (max.)
Row Cycle Time (tRC)	55ns (min.)
Refresh Row Cycle Time (tRFC)	70ns (min.)
Row Active Time (tRAS)	40ns (min.) / 70,000ns (max.)
Single Power Supply of	+2.6V (+/- .1V)
Power (IDD0)	5.408 W (operating)
Operating Temperature	0° C to 70° C
Storage Temperature -	55° C to +150° C
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.
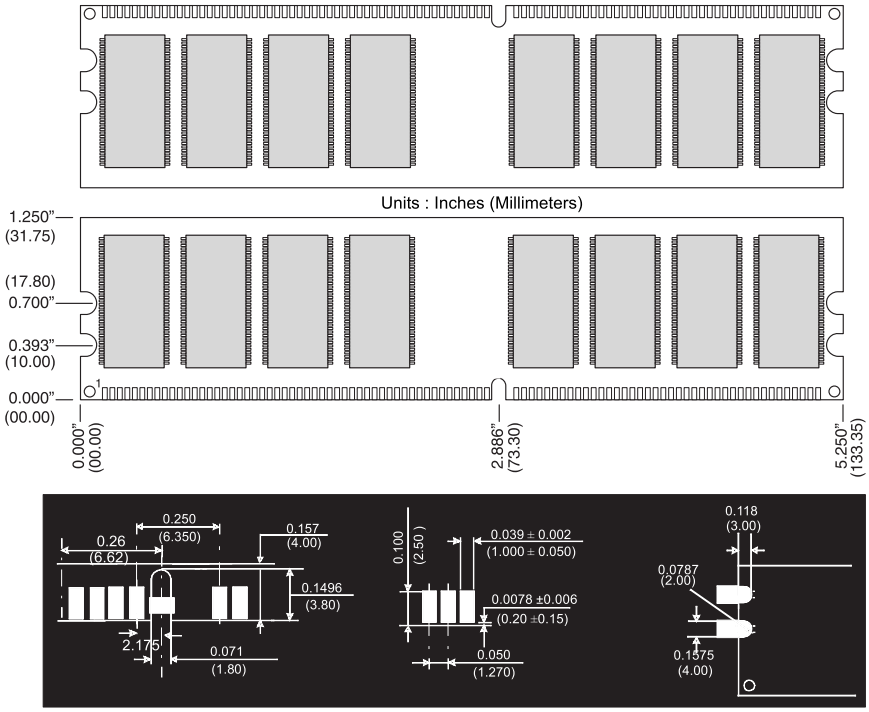
Figure 1: KVR400X64C3AK2/2G 184-Pin DIMM