

KVR400AK2/1GR

1GB (512MB 64M x 64-Bit x 2 pcs.)

DDR400 CL3 184-Pin DIMM Kit

DESCRIPTION:

ValueRAM's KVR400AK2/1GR 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:

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|---------------------------------|-------------------------------|
| ✓ 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) | 3.744 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 1.250" (31.75mm).

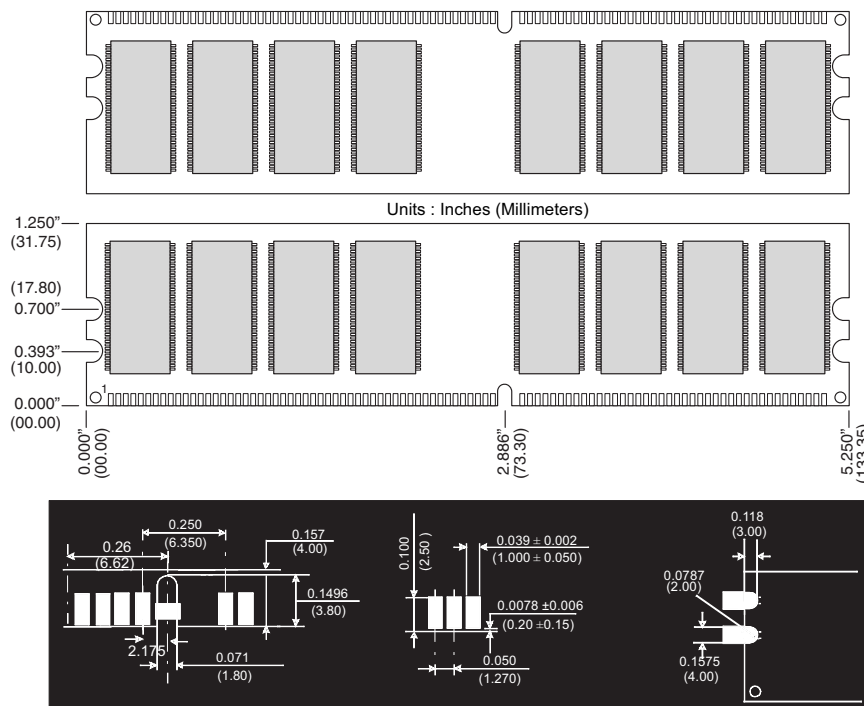


Figure 1: KVR400AK2/1GR 184-Pin DIMM