

KVR400S4R3AK2/1G

**1GB (512MB 64M x 72-Bit x 2 pcs.) DDR400 CL3
Registered ECC 184-Pin DIMM Kit (2 pcs.)**

DESCRIPTION:

ValueRAM's KVR400S4R3AK2/1G is a kit of two 64M x 72-bit (512MB) DDR400 CL3 SDRAM (Synchronous DRAM) "single rank" Registered ECC memory modules. Total kit capacity is 1GB (1024MB). The components on each module include eighteen 64M x 4-bit (16M x 4-Bit x 4 bank) DDR400 SDRAM in FBGA 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) 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 5.850 W (operating per module)
- ✓ 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 1.200" (30.48mm).

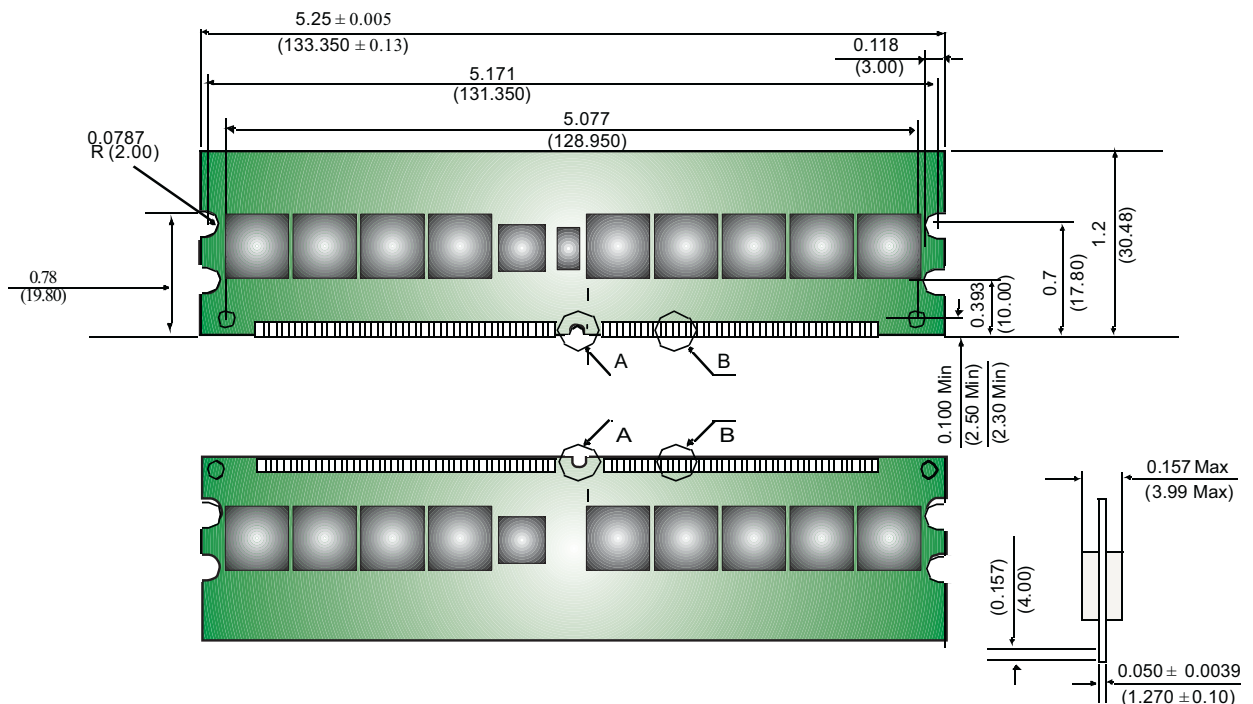


Figure 1: KVR400S4R3AK2/1G 184-Pin DIMM