

Memory Module Specification

KVR667D2N5K2/4G

4GB (2GB 256M x 64-Bit x 2 pcs.) DDR2-667 CL5 240-Pin DIMM Kit

DESCRIPTION:

ValueRAM's KVR667D2N5K2/4G is a kit of two 256M x 64-bit 2GB (2048MB) DDR2-667 CL5 SDRAM (Synchronous **DRAM**) memory modules. Total kit capacity is 4GB (4096MB). The components on each module include sixteen 128M x 8-bit (16M x 8-bit x 8 Bank) DDR2-667 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=5 3ns (min.) / 8ns (max.)

Now Cycle Time (tRC) 54ns (min.)

Refresh to Active/Refresh Command Time (tRFC) 127.5ns

Now Active Time (tRAS) 39ns (min.) / 70,000ns (max.)

Single Power Supply of +1.8V (+/-.1V)

Power 2.225 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 1.250" (31.75mm).

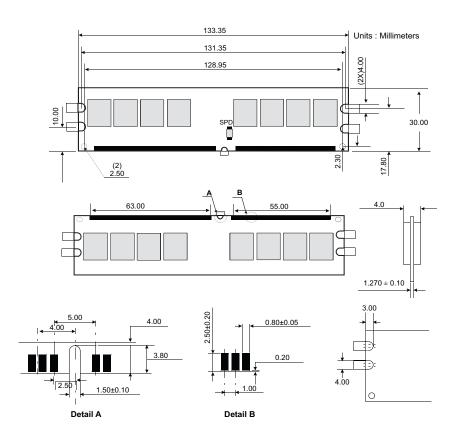


Figure 1: KVR667D2N5K2/4G 240-Pin DIMM