KVR667D2S5/2G
2GB 256M x 64-Bit DDR2-667
CL5 200-Pin SODIMM

DESCRIPTION:

This document describes ValueRAM's 256M x 64-bit 2GB (2048MB) CL5 DDR2-667 SDRAM (**S**ynchronous **DRAM**) memory module. The components on this module include sixteen stacked 128M x 8-bit DDR2-667 SDRAM. This 200-pin SODIMM 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.)
☑ Row Cycle Time (tRC)	54ns (min.)
☑ Refresh to Active/Refresh Command Time (tRFC)	127.5ns
☑ Row Active Time (tRAS)	39ns (min.) / 70,000ns (max.)
☑ Single Power Supply of	+1.8V (+/- .1V)
☑ Power	1.944 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 30.00mm.
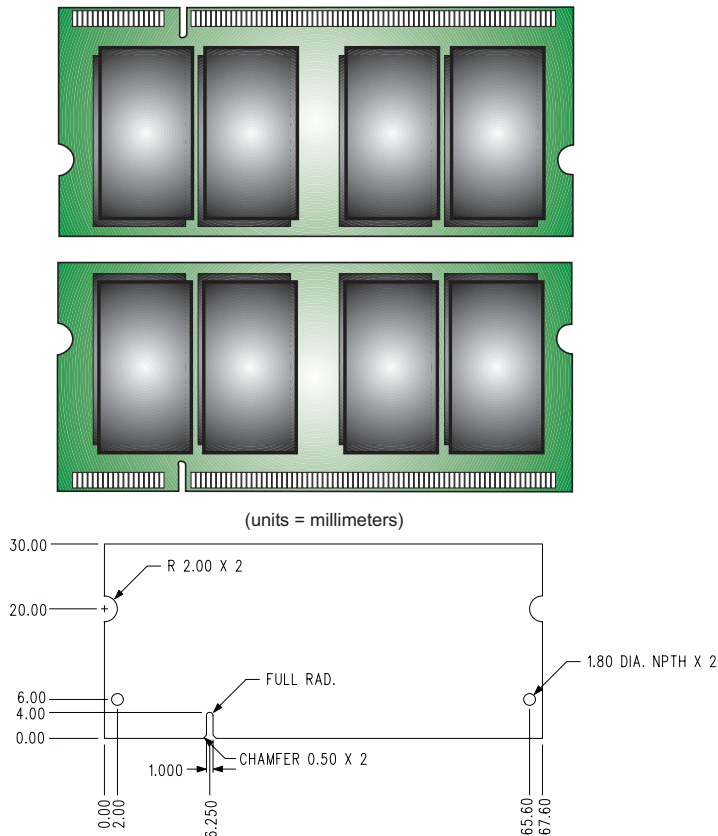
(units = millimeters)

Figure 1: KVR667D2S5/2G 200-Pin SODIMM