

KVR266X64SC25/512 512MB 64M x 64-Bit DDR266 CL2.5 200-Pin SODIMM

DESCRIPTION:

This document describes ValueRAM's 64M x 64-bit (512MB) CL2.5 SDRAM (Synchronous DRAM) DDR266 memory module. The components on this module include sixteen 32M x 8-bit (8M x 8-bit x 4 Bank / 133MHz, 7.5ns, CL2.5) DDR266 SDRAM in uBGA packages. This 200-pin DIMM uses gold contact fingers and requires +2.5V. The electrical and mechanical specifications are as follows:

FEATURES:

<input checked="" type="checkbox"/> Clock Cycle Time (tCK)	7.5ns (min.) / 12ns (max.)
<input checked="" type="checkbox"/> Row Cycle Time (tRC)	65ns (min.)
<input checked="" type="checkbox"/> Refresh Row Cycle Time (tRFC)	75ns (min.)
<input checked="" type="checkbox"/> Row Active Time (tRAS)	45ns (min.) / 120,000ns (max.)
<input checked="" type="checkbox"/> Single Power Supply of	+2.5V (+/- .25V)
<input checked="" type="checkbox"/> Operating (IDD0)	2.900 W
<input checked="" type="checkbox"/> 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).

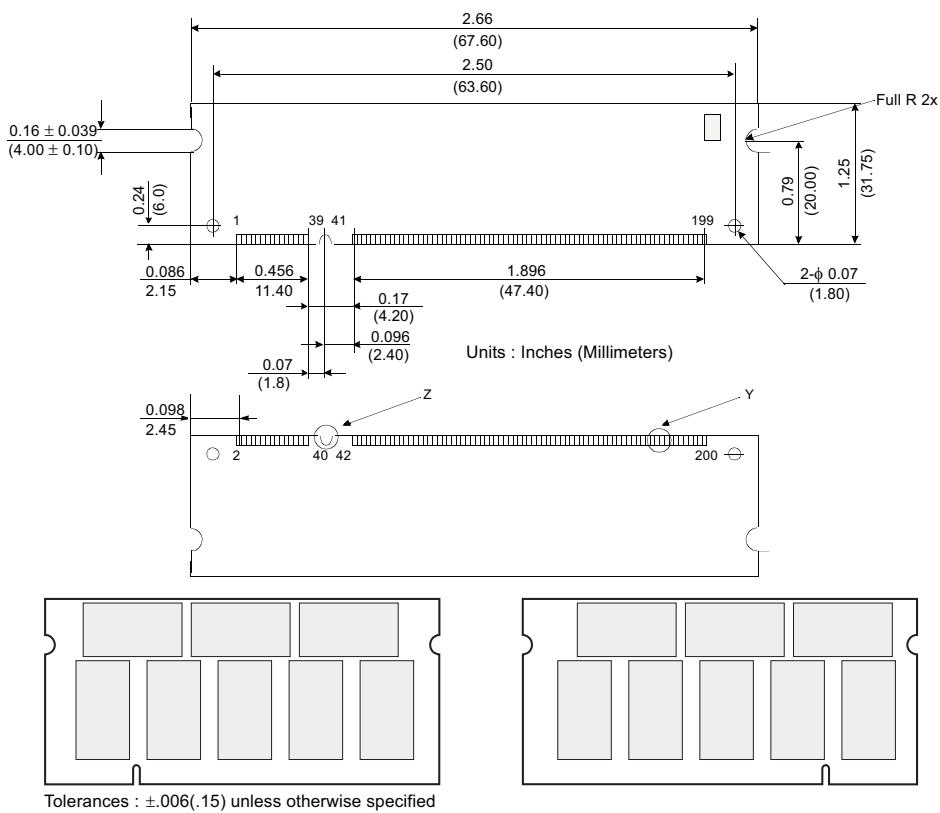


Figure 1: KVR266X64SC25/512 200-Pin DDR266