

KVR266X64SC25/128

128MB 16M x 64-Bit DDR266

CL2.5 200-Pin SODIMM

DESCRIPTION:

This document describes ValueRAM's 16M x 64-bit (128MB) CL2.5 SDRAM (Synchronous DRAM) DDR266 memory module. The components on this module include four 16M x 16-bit (4M x 16-bit x 4 Bank / 133MHz, 7.5ns, CL2.5) DDR266 SDRAM in TSOP packages. This 1200-pin SODIMM uses gold contact fingers and requires +2.5V. The electrical and mechanical specifications are as follows:

FEATURES:

- | | |
|---------------------------------|--|
| ✓ Clock Cycle Time (tCK) | 7.5ns (min.) / 12ns (max.) |
| ✓ Row Cycle Time (tRC) | 65ns (min.) |
| ✓ Refresh Row Cycle Time (tRFC) | 75ns (min.) |
| ✓ Row Active Time (tRAS) | 45ns (min.) / 120,000ns (max.) |
| ✓ Single Power Supply of | +2.5V (+/- .25V) |
| ✓ Power | 1.650 W (operating power - one bank operation) |
| ✓ 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).

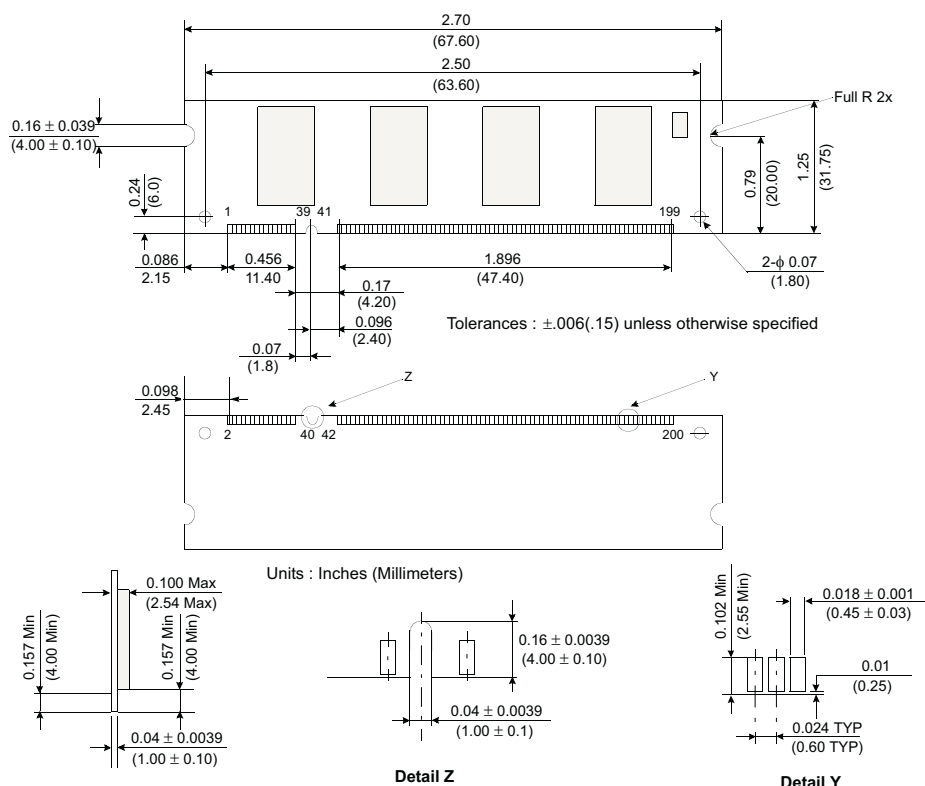


Figure 1: KVR266X64SC25/128 200-Pin DDR SDRAM Module