

KVR400X64C25/128

128MB 16M x 64-Bit DDR400

CL2.5 184-Pin DIMM

DESCRIPTION:

This document describes ValueRAM's 16M x 64-bit (128MB) DDR400 CL2.5 SDRAM (Synchronous **DRAM**) memory module. The components on this module include four 16M x 16-bit (4M x 16-bit x 4 Bank) DDR400 SDRAM in TSOP packages. This 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.) / 100,000ns (max.) |
| ✓ Single Power Supply of | +2.6V (+/- .1V) |
| ✓ Power (IDD0) | 1.144 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 1.250" (31.75mm).

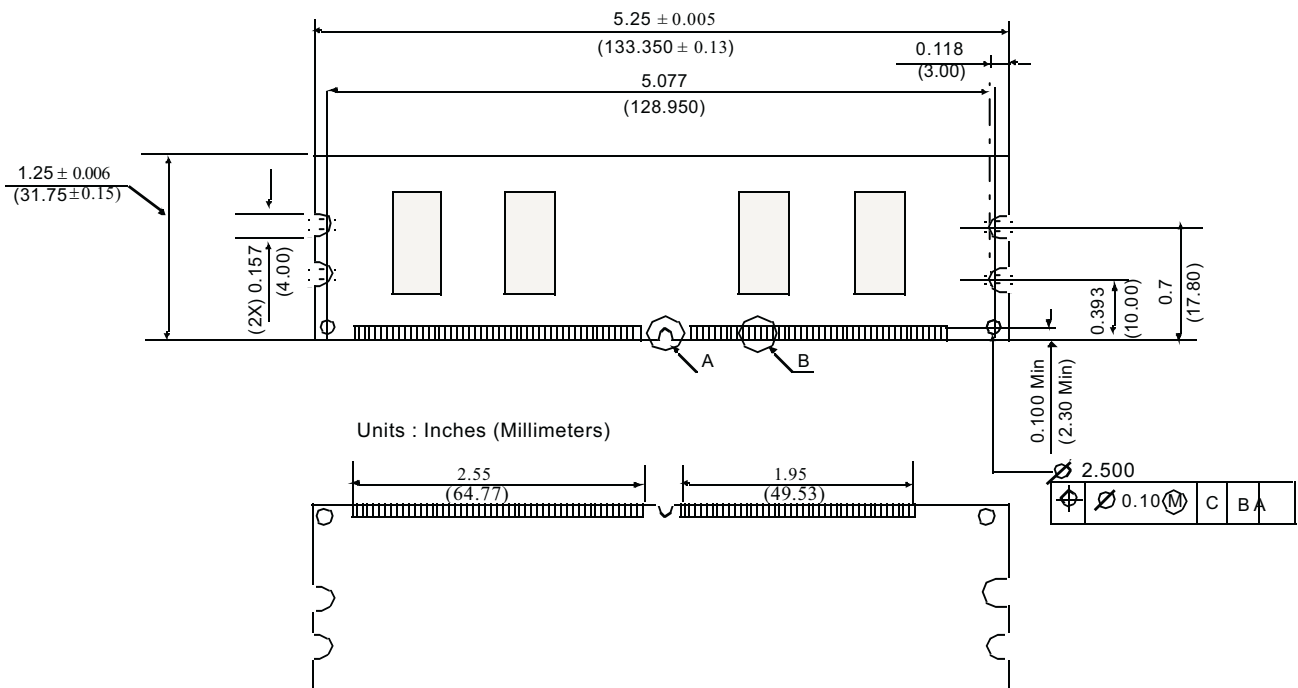


Figure 1: KVR400X64C25/128 184-Pin DIMM