

## Memory Module Specification

## KVR400X72C3A/256

256MB 32M x 72-Bit DDR400 CL3 ECC 184-Pin DIMM

## **DESCRIPTION:**

This document describes ValueRAM's 32M x 72-bit (256MB) CL3 DDR400 SDRAM (Synchronous DRAM) ECC memory module. The components on this module include nine 32M x 8-bit (8M x 8-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.) / 70,000ns (max.)

☑ Single Power Supply of +2.6V(+/-.1V)Power (IDD0) 2.470 W (operating)

94 V - 0 **UL** Rating

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).

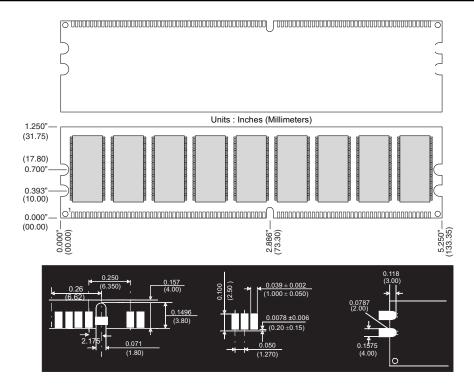


Figure 1: KVR400X72C3A/256 184-Pin DDR SDRAM Module

www.DataSheet4U.com

DataShe

Data Seet 4U.com