

## KVR400X72C3/256

### 256MB 32M x 72-Bit DDR400

### ECC CL3 184-Pin DIMM

#### DESCRIPTION:

This document describes ValueRAM's 32M x 72-bit (256MB) CL3 ECC DDR400 SDRAM (Synchronous **DRAM**) 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 +2.5V. The electrical and mechanical specifications are as follows:

#### FEATURES:

✓ Clock Cycle Time (tCK)	5ns (min.) / 8ns (max.)
✓ Row Cycle Time (tRC)	60ns (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)	3.627 W (operating)
✓ UL Rating	94 V - 0

**Note:** For some configurations, the module height may vary from what is described here. However, in no configuration will the module height exceed 1.250" (31.75mm).

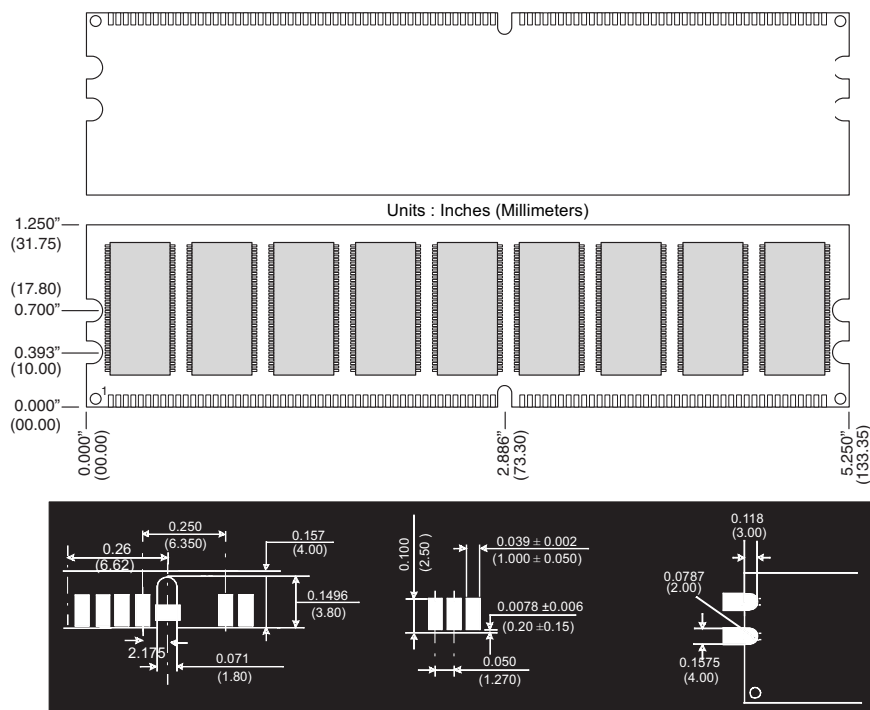


Figure 1: KVR400X72C3/256 184-Pin DDR SDRAM Module