



Memory Module Specification

Wintec part number: 3AMD1400-1GB-R 1 GB 128M x 64-Bit DDR400 184-Pin Unbuffered Non-ECC DIMM

DESCRIPTION:

This data sheet describes 128M x 64-bit (1GB) DDR400 Unbuffered Non-ECC SDRAM (Synchronous DRAM) memory module. It contains 16 64Mx8-bit 200MHz DDR SDRAM devices in TSOPII-66 package. This module uses gold plated contact fingers and requires power supply of 2.5V. The electrical and mechanical specifications are shown below:

FEATURES:

- Clock Cycle Time (tCK) **5ns (min) / 10ns (max)**
- RAS# to CAS# Delay Time (tRCD) **15ns**
- Row Precharge Time (tRP) **15ns**
- Row Cycle Time (tRC) **55ns**
- Row Active Time (tRAS) **40ns (min) / 70,000ns (max)**
- Power Supply **+ 2.5V (+/- 0.2V)**

LAYOUT:

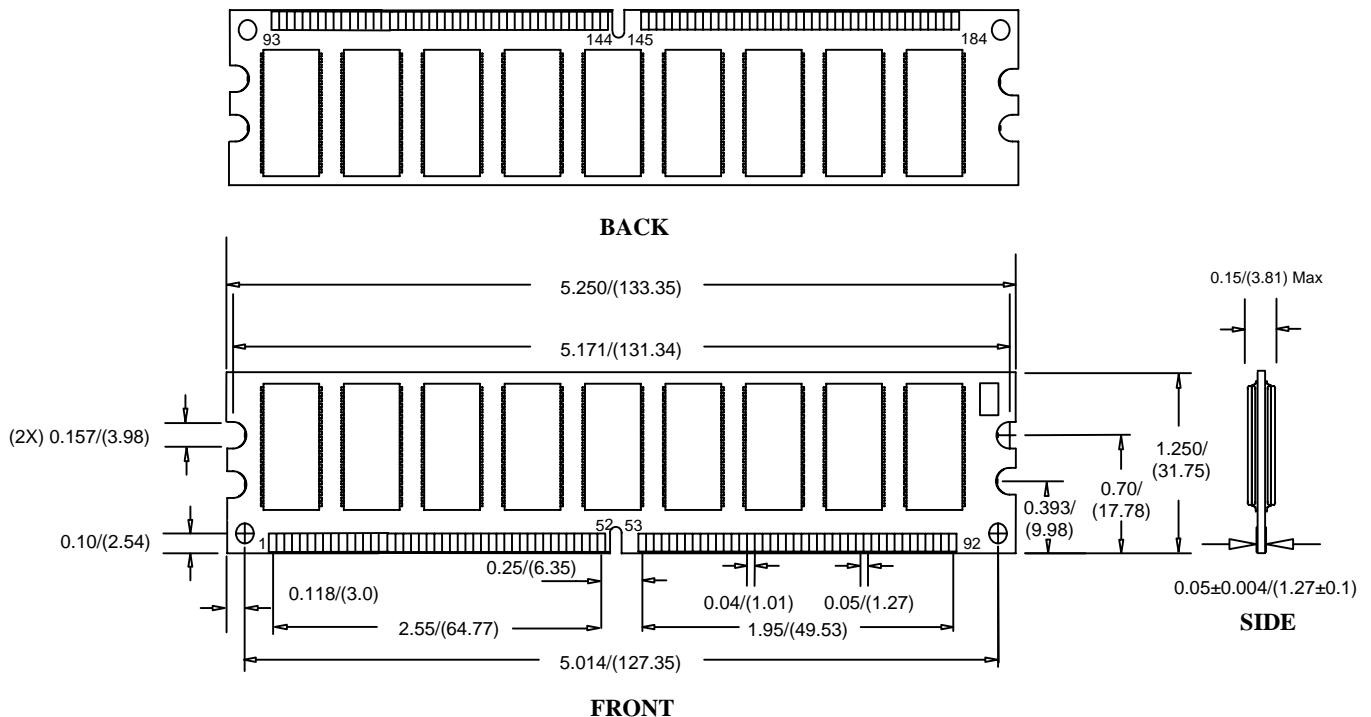


Figure 1: 3AMD1400-1GB-R 184-Pin SDRAM Module