

# Memory Module Data Sheet

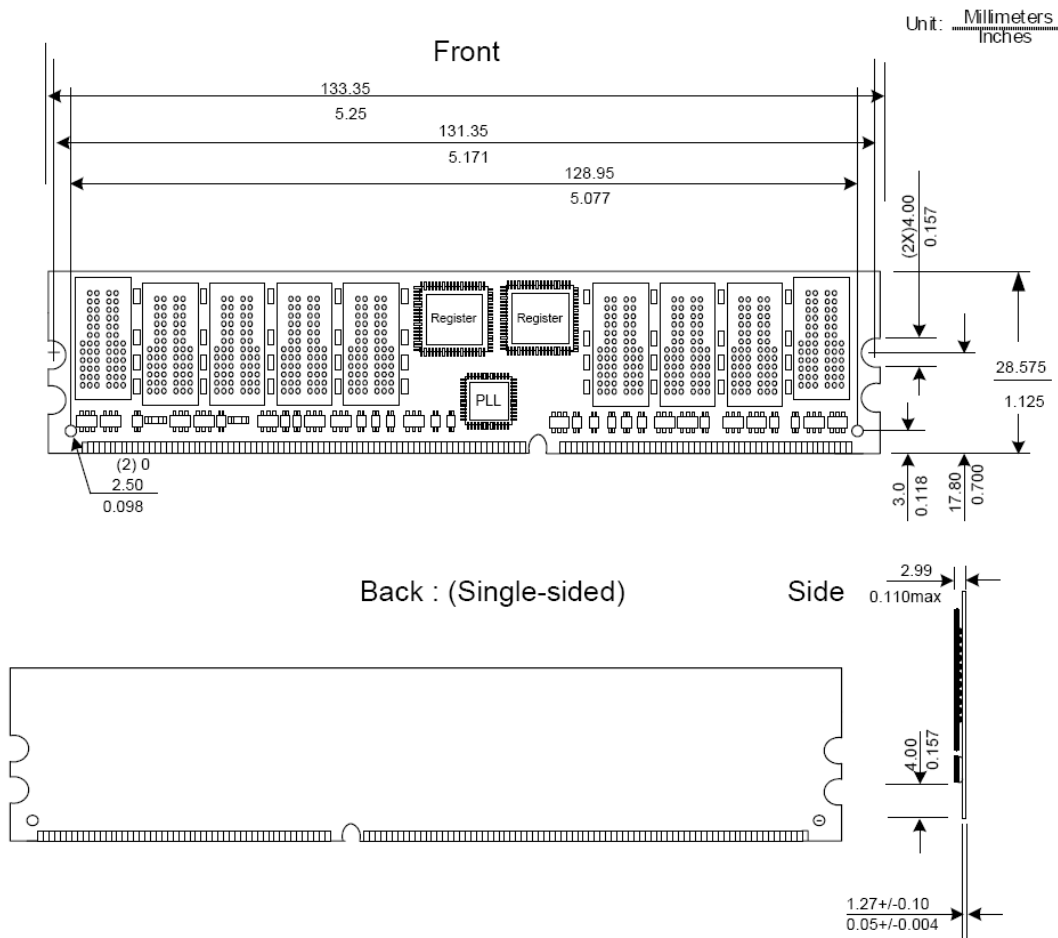
## L3272Y37

### 256MB 32M x 72-bit ECC Registered DDR400 (PC3200)

#### SPECIFICATIONS;

- 256MB (32M x 72-bit) Registered DDR400 DIMM
- Error Check Correction (ECC) Capability
- BGA 32M x 8 (8M x 8 bit x 4 Bank/200Mhz) x Nine DRAM
- 184-pin Dual in-line memory module with Gold Plated Contacts
- Dimm Dimensions 133.35 x 28.57 x 2.99 (mm)
- Programmable CAS Latency Supported - CL 3, 2.5, 2
- Row Cycle Time (tRC) - 55ns
- Auto Refresh Cycle Time (tRFC)- 70ns (min.)
- Row Active Time (tRAS) - 40ns
- Clock Cycle Time (tCK) - 5ns
- Power Supply Voltage - 2.5V (+/- .01V)
- Operating Temperature (TA) - 0~70 Celsius

#### PACKAGE DIMENSIONS



**NOTE:** The module described in this data sheet is one of several configurations available under this part number. All configurations are compatible but the DRAM combination and the module height may vary from what is described. However, in no configurations will the module height exceed 31.75mm.