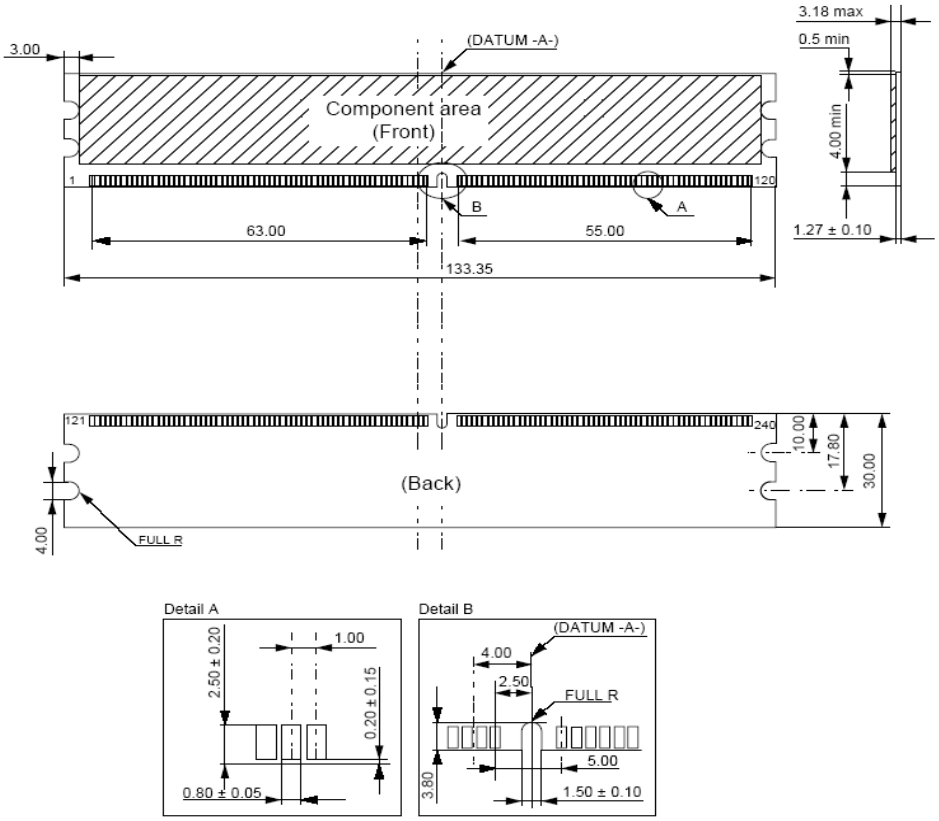
# Memory Module Data Sheet
# T646424F

512MB 64M x 64-bit **DDR2 667** (PC2-5300)

**SPECIFICATIONS;**

- 512Mb (64M x 64-bit) Unbuffered DDR2 667Mhz DIMM
- FBGA 64M x 8 (16M x 8 bit x 4 Bank/200Mhz) x Eight DRAM
- 240-pin Dual in-line memory module with Gold Plated Contacts
- Dimm Dimensions 133.35 x 30 x 3.18 (mm)
- Programmable CAS Latency Supported - CL 5
- Row Cycle Time (tRC) – 45ns
- Auto Refresh Cycle Time (tRFC) - 105 ns
- Row Active Time (tRAS) – 45ns min.
- Clock Cycle Time (tCK) – 3000 ps min.
- Power Supply Voltage – 1.8V (+/- .01V)
- Operating Temperature (TA) - 0~85 Celsius
- Module Timing; 5 -5 -5

**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.