

# SBM-1G/73P4984

1GB IBM/Lenovo ThinkCentre A52 (8298-DG7) DDR2-667  
240-Pin DIMM

## DESCRIPTION:

This document describes SBM-1G/73P4984 memory module. The components on this module include eight 64M x 8-bit (16M x 8-bit x 4 Bank) unbuffered DDR2-667 Mhz SDRAM in FBGA packages. This 240-pin DIMM uses gold contact fingers and requires +1.8V. The electrical and mechanical specifications are as follows:

## FEATURES:

- ✓ Clock Cycle Time (tCK) CL=4 3.75ns (min.) / 8ns (max.)
- ✓ Row Cycle Time (t RC) 55ns (min.)
- ✓ Refresh to Active/Refresh Command Time (tRFC) 105ns
- ✓ Row Active Time (tRAS) 40ns (min.) / 70,000ns (max.)
- ✓ Single Power Supply of +1.8V (+/- .1V)
- ✓ Power (IDD0) 1.440 W (operating)
- ✓ UL Rating 94 V – 0
- ✓ Contain the mandatory JEDEC SPD information.

**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).

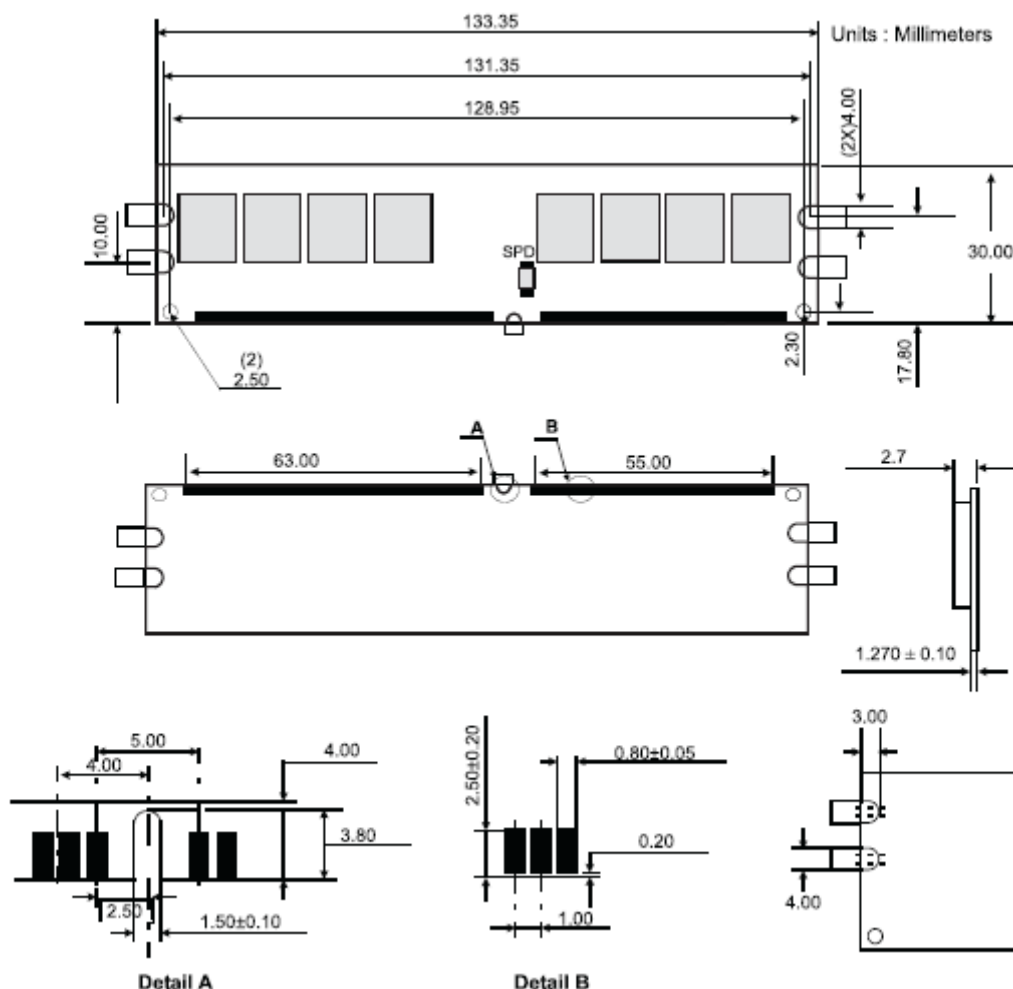


Figure 1: SBM-1G/73P4984