

SPQ-1G/376638-B21

2 X 512MB 64M X 72-Bit DDR400 Registered
CL3 ECC 184-Pin DIMM



MEMORY MODULE SPECIFICATION

This document describes SPQ-1G/376638-B21 memory kit of two 512MB, DDR400 CL3 SDRAM (SynchronousDRAM) Registered ECC memory modules. Total kit capacity is 512MB. The components on each module include eighteen 64M x 4-bit (16M x 8-bit x 4 bank) DDR400 in FBGA packages. Each 184-pin DIMM uses gold contact fingers and requires +2.6V. The electrical and mechanical specifications are as follows:

FEATURES:

★ Clock Cycle Time (tCK)	5ns (min.) / 10ns (max.)
★ Row Cycle Time (t	
★ Refresh Row Cycle Time (tRFC)	70ns (min.)
★ Row Active Time (tRAS)	40ns (min.) / 70,000ns (max.)
★ Single Power Supply of	+2.6V (+/- .1V)
★ Power	5.850 W operating
★ UL Rating	94 V - 0

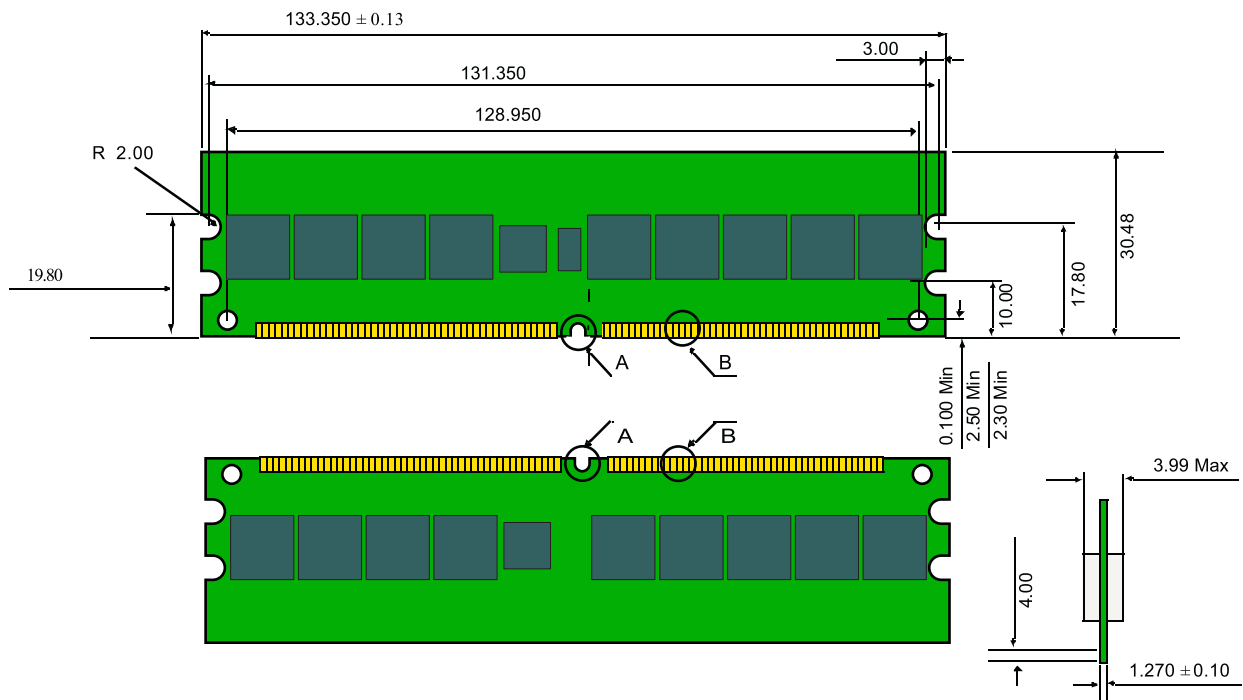


Figure: SPQ-1G/376638-B21 (2 X512MB)

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).