

Memory Module Specification

KVR667D2D4P5/2GI

2GB 256M x 72-Bit DDR2-667 CL5 Registered w/Parity 240-Pin DIMM

DESCRIPTION:

This document describes ValueRAM's 256M x 72-bit 2GB (2048MB) DDR2-667 CL5 SDRAM (Synchronous **DRAM**) "dual rank" Registered w/Parity "Intel certified" memory module. The components on this module include thirty-six 128M x 4-bit DDR2-667 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=5

Row Cycle Time (tRC)

☑ Refresh to Active/Refresh Command Time (tRFC)

☑ Row Active Time (tRAS)

☑ Single Power Supply of

2 Power

UL Rating

3ns (min.) / 8ns (max.)

54ns (min.)

105ns

39ns (min.) / 70,000ns (max.)

+1.8V (+/-.1V)

5.616 W (operating)

94 V - 0

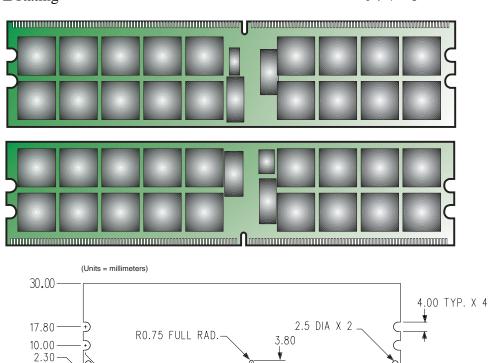


Figure 1: KVR667D2D4P5/2GI 240-Pin DIMM

1.50 — +/- 0.10

0.00

-0.5 CHAMFER X 4