

KVR800D2D8P5K2/2G

**2GB (1GB 128M x 72-Bit x 2 pcs.) DDR2-800
CL5 Registered w/Parity 240-Pin DIMM Kit**

DESCRIPTION:

ValueRAM's KVR800D2D8P5K2/2G is a kit of two 128M x 72-bit (1024MB) DDR2-800 CL5 SDRAM (Synchronous **DRAM**) "dual rank" Registered w/Parity memory modules. Total kit capacity is 2GB (2048MB). The components on EACH module include eighteen 64M x 8-bit DDR2-800 SDRAM in FBGA packages. Each 240-pin DIMM uses gold contact fingers and requires +1.8V. The electrical and mechanical specifications are as follows:

FEATURES:

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|---|--------------------------------|
| ✓ Clock Cycle Time (tCK) CL=5 | 2.5ns (min.) / 8ns (max.) |
| ✓ Row Cycle Time (tRC) | 57.5ns (min.) |
| ✓ Refresh to Active/Refresh Command Time (tRFC) | 105ns |
| ✓ Row Active Time (tRAS) | 45ns (min.) / 70,000ns (max.) |
| ✓ Single Power Supply of | +1.8V (+/- .1V) |
| ✓ Power | 2.268 W (operating per module) |
| ✓ UL Rating | 94 V - 0 |

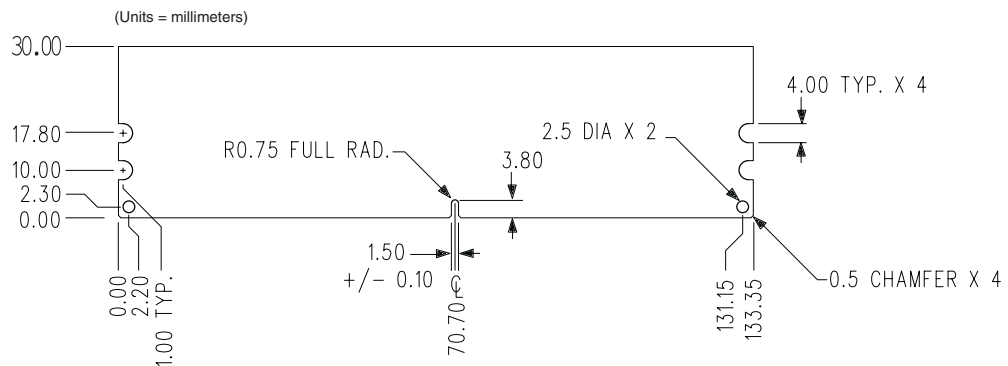
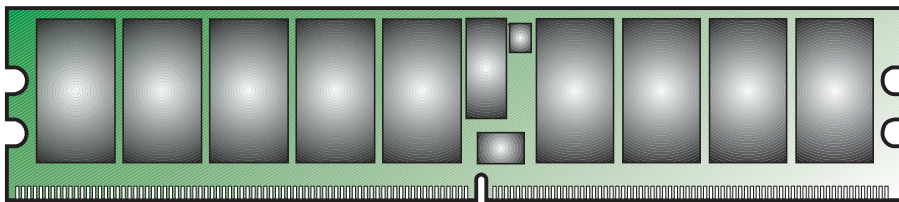
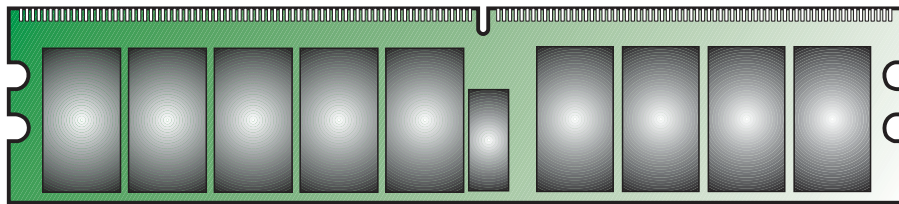


Figure 1: KVR800D2D8P5K2/2G 240-Pin DIMM