

## KVR667D2D4P5K2/4G

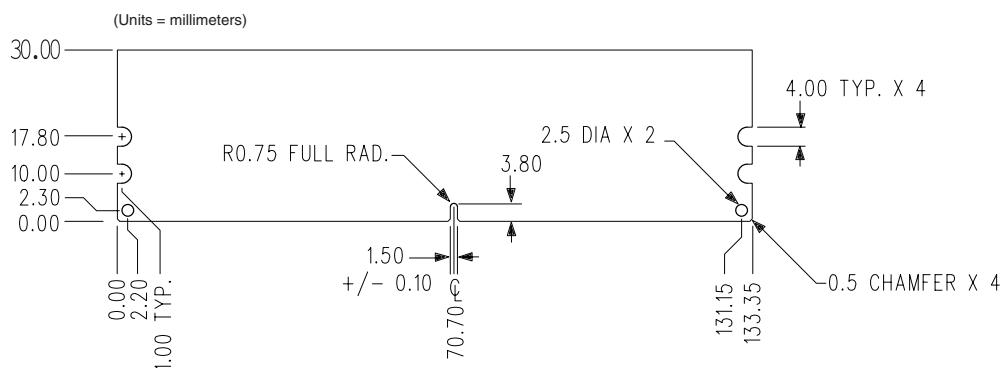
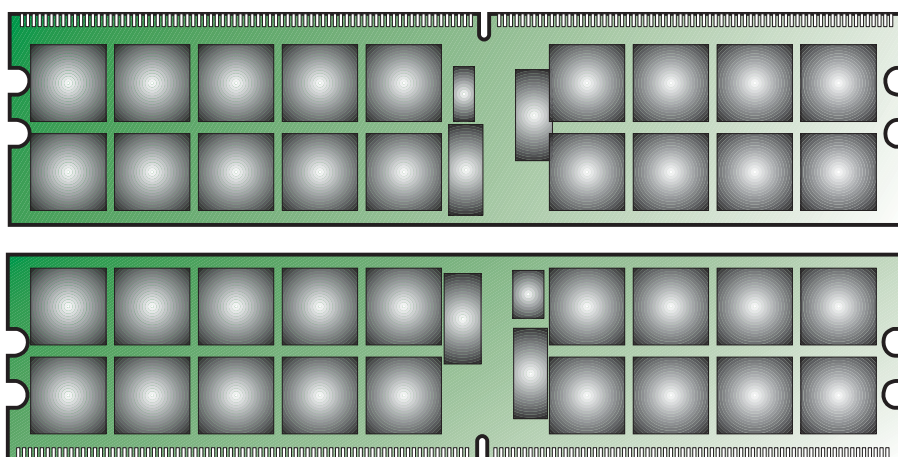
**4GB (2GB 256M x 72-Bit x 2 pcs.) DDR2-667  
CL5 Registered w/Parity 240-Pin DIMM Kit**

### DESCRIPTION:

ValueRAM's KVR667D2D4P5K2/4G is a kit of two 256M x 72-bit 2GB (2048MB) DDR2-667 CL5 SDRAM (Synchronous **DRAM**) "dual rank" Registered w/Parity memory modules. Total kit capacity is 4GB (4096MB). The components on each module include thirty-six 128M x 4-bit DDR2-667 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:

|                                                 |                                |
|-------------------------------------------------|--------------------------------|
| ✓ Clock Cycle Time (tCK) CL=5                   | 3ns (min.) / 8ns (max.)        |
| ✓ Row Cycle Time (tRC)                          | 54ns (min.)                    |
| ✓ Refresh to Active/Refresh Command Time (tRFC) | 105ns                          |
| ✓ Row Active Time (tRAS)                        | 39ns (min.) / 70,000ns (max.)  |
| ✓ Single Power Supply of                        | +1.8V (+/- .1V)                |
| ✓ Power                                         | 5.616 W (operating per module) |
| ✓ UL Rating                                     | 94 V - 0                       |



**Figure 1: KVR667D2D4P5K2/4G 240-Pin DIMM**