

**KVR667D2S8P5LK2/1G**

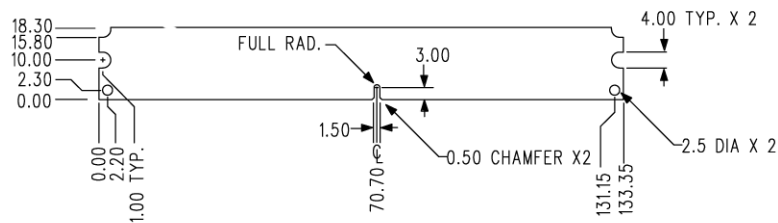
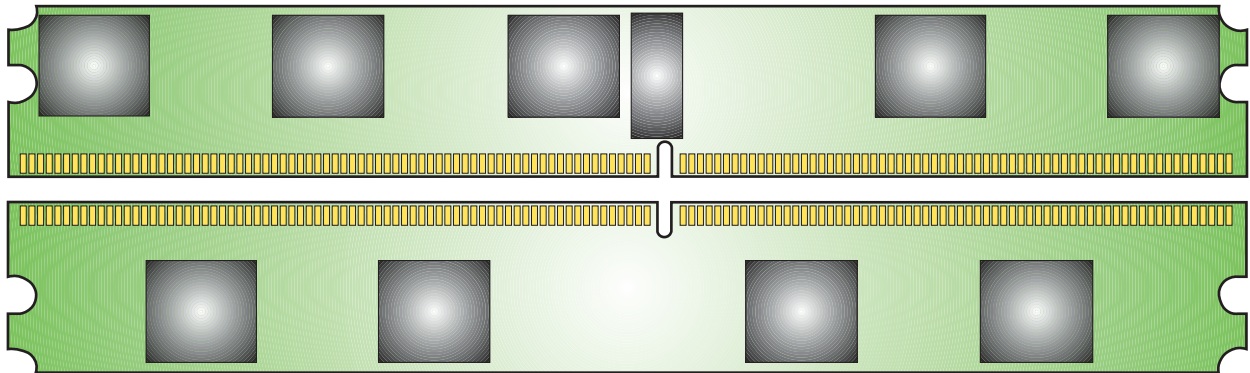
**1GB (512MB 64M x 72-Bit x 2 pcs.) DDR2-667 CL5  
Registered Low-Profile w/Parity 240-Pin DIMM Kit**

**DESCRIPTION:**

ValueRAM's KVR667D2S8P5LK2/1G is a kit of two 64M x 72-bit (512MB) DDR2-667 CL5 SDRAM (Synchronous **DRAM**) "single rank" Registered low-profile w/Parity memory modules. Total kit capacity is 2GB (2048MB). The components on each module include nine 64M x 8-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)                          | 60ns (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   | 2.115 W (operating per module) |
| ✓ UL Rating                                     | 94 V - 0                       |



**Figure 1: KVR667D2S8P5LK2/1G 240-Pin DIMM**