

**KVR800D2D4P6K2/16G**

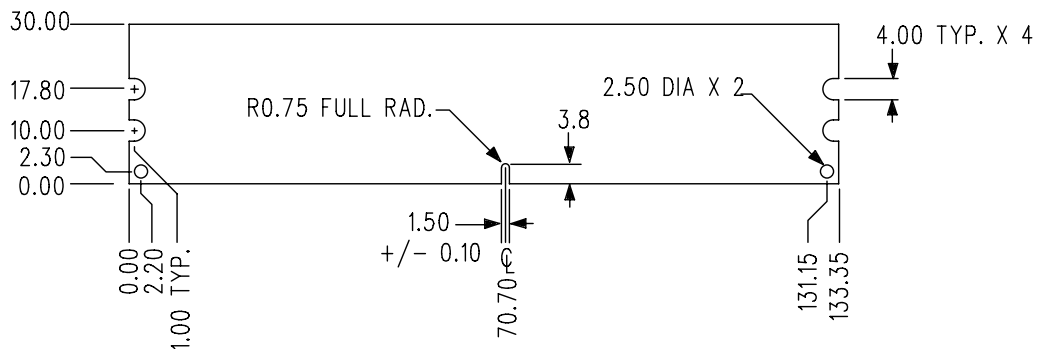
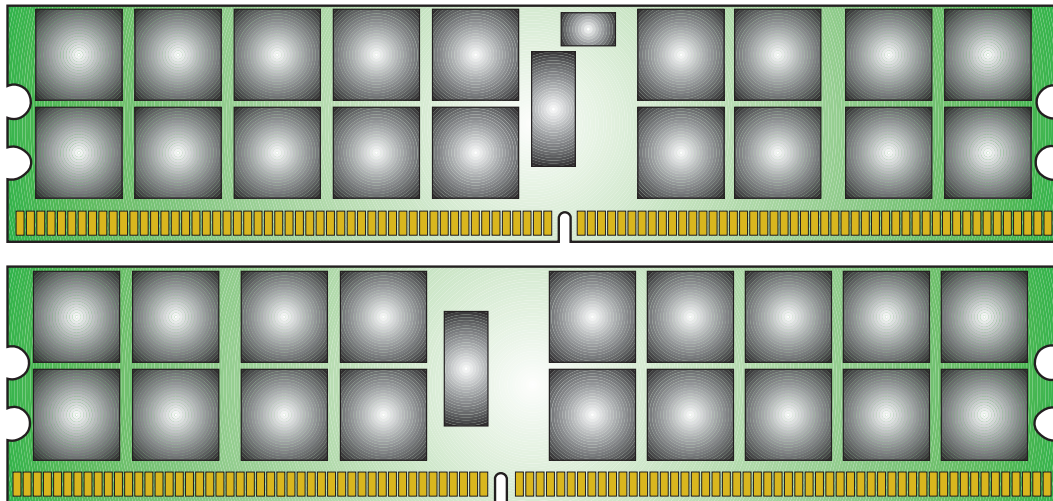
**16GB (8GB 1024M x 72-Bit x 2 pcs.) DDR2-800  
CL6 Registered w/Parity 240-Pin DIMM Kit**

**DESCRIPTION:**

ValueRAM's KVR800D2D4P6K2/16G is a kit of two 1024M x 72-bit (8GB) DDR2-800 CL6 SDRAM (Synchronous **DRAM**) "dual rank" Registered w/Parity memory modules. Total kit capacity is 16GB. The components on each module include thirty-six 512M x 4-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:**

- |   |                                |
|---|--------------------------------|
| ✓ Clock Cycle Time (tCK) CL=6                   | 2.5ns (min.) / 8ns (max.)      |
| ✓ Row Cycle Time (tRC)                          | 60ns (min.)                    |
| ✓ Refresh to Active/Refresh Command Time (tRFC) | 195ns                          |
| ✓ Row Active Time (tRAS)                        | 45ns (min.) / 70,000ns (max.)  |
| ✓ Single Power Supply of                        | +1.8V (+/- .1V)                |
| ✓ Power   | 7.236 W (operating per module) |
| ✓ UL Rating                                     | 94 V - 0                       |



**Figure 1: KVR800D2D4P6K2/16G 240-Pin DIMM**