

KVR667D2S4P5K2/8G

**8GB (4GB 512M x 72-Bit x 2 pcs.) DDR2-667
CL5 Registered w/Parity 240-Pin DIMM Kit**

DESCRIPTION:

ValueRAM's KVR667D2S4P5K2/8G is a kit of two 512M x 72-bit 4GB (4096MB) DDR2-667 CL5 SDRAM (Synchronous **DRAM**) "single rank" Registered w/Parity memory modules. Total kit capacity is 8GB (8192MB). The components on each module include eighteen 512M 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:

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|---|---|--------------------------------|
| ✓ | Clock Cycle Time (tCK) CL=5 | 3ns (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 | 4.968 W (operating per module) |
| ✓ | UL Rating | 94 V - 0 |

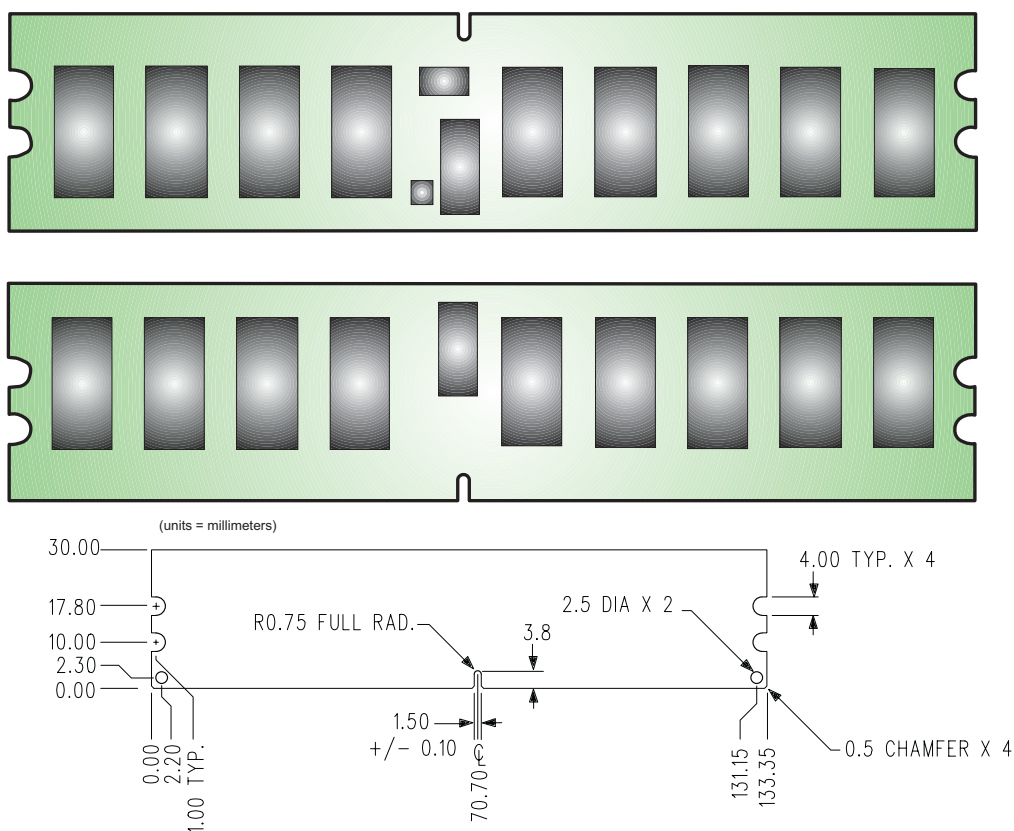


Figure 1: KVR667D2S4P5K2/8G 240-Pin DIMM