

KVR800D2S4P6/1G
1GB 128M x 72-Bit DDR2-800
CL6 Registered w/Parity 240-Pin DIMM

DESCRIPTION:

This document describes ValueRAM's 128M x 72-bit 1GB (1024MB) DDR2-800 CL6 SDRAM (Synchronous **DRAM**) "single rank" Registered w/Parity memory module. The components on this module include eighteen 128M x 4-bit DDR2-800 SDRAM in FBGA packages. This 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=6 | 2.5ns (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 | 3.996 W (operating) |
| ✓ | UL Rating | 94 V - 0 |

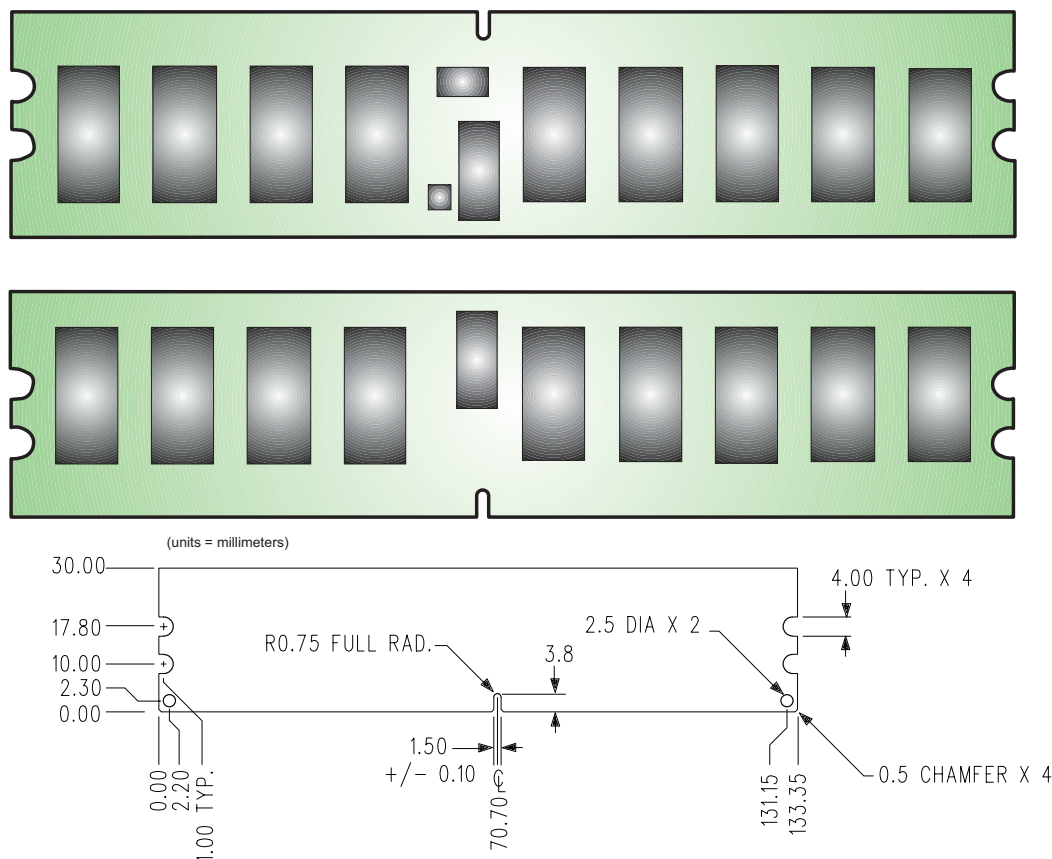


Figure 1: KVR800D2S4P6/1G 240-Pin DIMM