

Memory Module Specification

## KVR800D2N6/1G 1GB 128M x 64-Bit DDR2-800 CL6 240-Pin DIMM

## DESCRIPTION:

This document describes ValueRAM's 128M x 64-bit 1GB (1024MB) DDR2-800 CL6 SDRAM (Synchronous **DRAM**) memory module. The components on this module include eight 128M x 8-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:

- ☑ Clock Cycle Time (tCK) CL=6
- $\mathbf{V}$  Row Cycle Time (tRC)
- Refresh to Active/Refresh Command Time (tRFC)
- $\mathbf{V}$  Row Active Time (tRAS)
- Single Power Supply of
- Dever 2
- **UL** Rating

2.5ns (min.) / 8ns (max.) 60ns (min.) 127.5ns 45ns (min.) / 70,000ns (max.) +1.8V (+/- .1V) 1.355 W (operating) 94 V - 0

**Note:** The module defined in this data sheet is one of several configurations available under this part number. While all configurations are compatible, the DRAM combination and/or the module height may vary from what is described here.

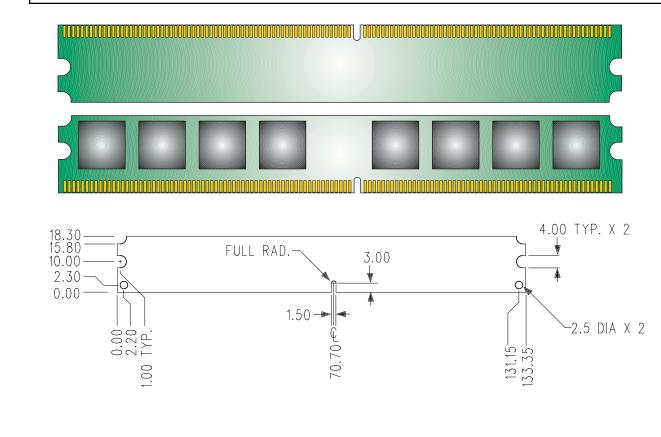


Figure 1: KVR800D2N6/1G 240-Pin DIMM