

KVR533D2Q8R4/2G
2GB 256M x 72-Bit DDR2-533
CL4 Registered 240-Pin ECC DIMM

DESCRIPTION:

This document describes ValueRAM's 256M x 72-bit 2GB (2048MB) DDR2-533 CL4 SDRAM (Synchronous **DRAM**) "quad rank" registered ECC memory module. The components on this module include thirty-six 64M x 8-bit DDR2-533 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=4 | 3.75ns (min.) / 8ns (max.) |
| ☑ Row Cycle Time (tRC) | 55ns (min.) |
| ☑ Refresh to Active/Refresh Command Time (tRFC) | 105ns |
| ☑ Row Active Time (tRAS) | 40ns (min.) / 70,000ns (max.) |
| ☑ Single Power Supply of | +1.8V (+/- .1V) |
| ☑ Power | 3.933 W (operating) |
| ☑ UL Rating | 94 V - 0 |

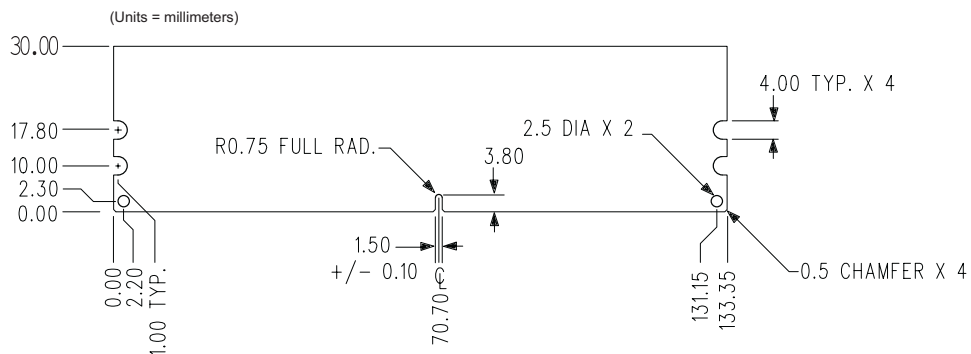
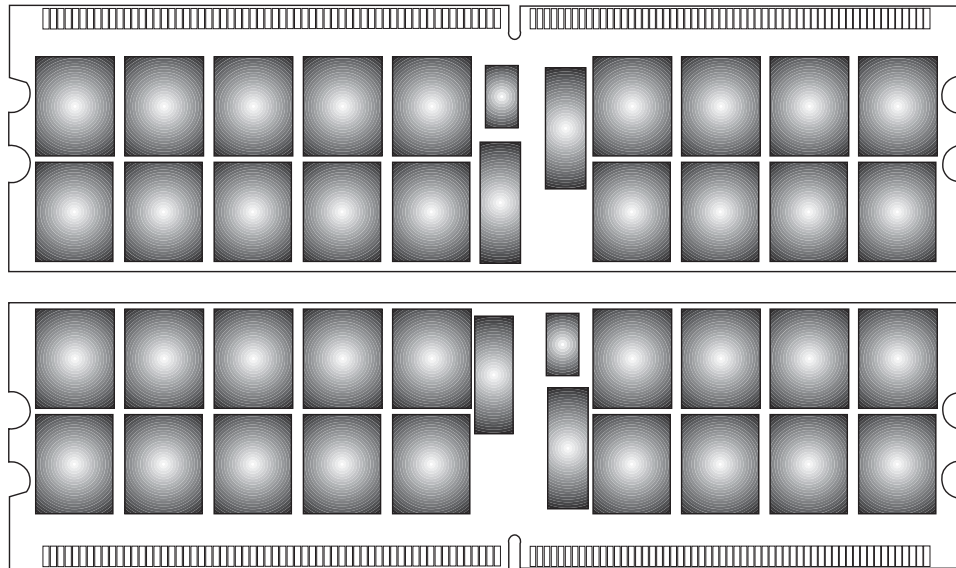


Figure 1: KVR533D2Q8R4/2G 240-Pin DIMM