

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:

✓ 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

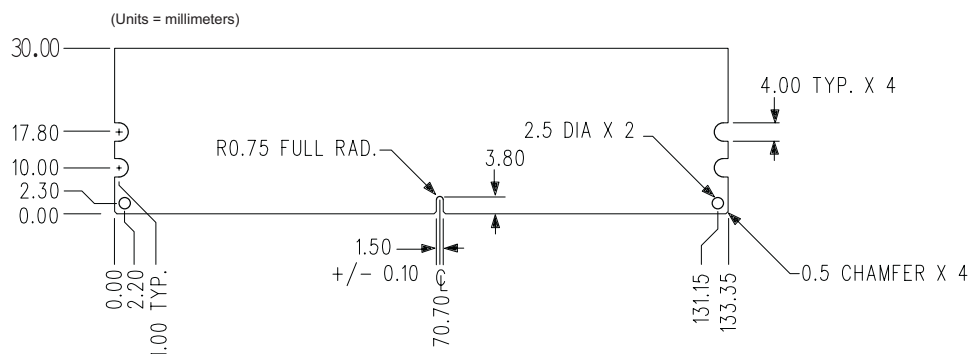
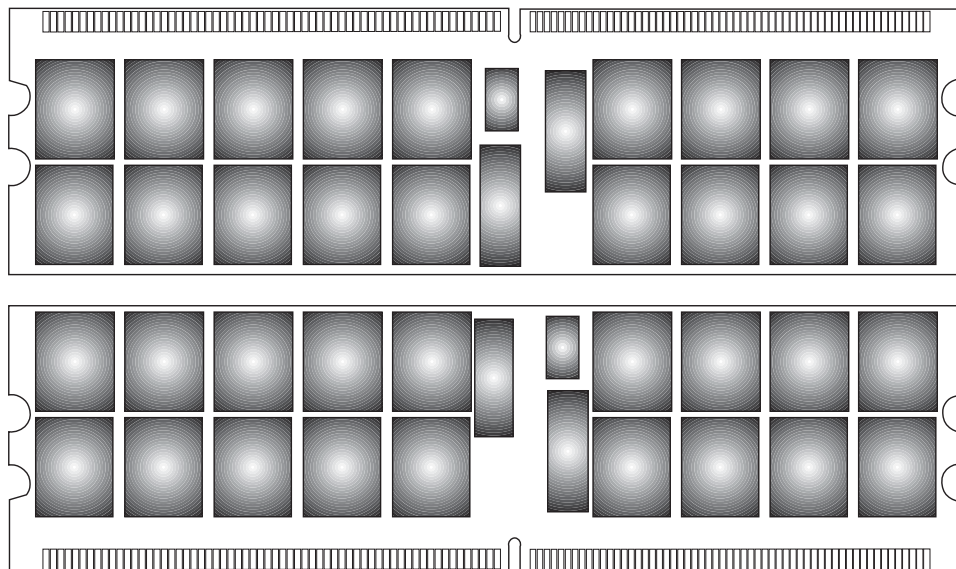


Figure 1: KVR533D2Q8R4/2G 240-Pin DIMM