

KVR533D2Q8R4K2/4G
4GB (2GB 256M x 72-Bit X 2 PCS.) DDR2-533
CL4 Registered 240-Pin ECC DIMM Kit

DESCRIPTION:

ValueRAM's KVR533D2Q8R4K2/4G is a kit of two 256M x 72-bit 2GB (2048MB) DDR2-533 CL4 SDRAM (**S**ynchronous **D**RAM) "quad rank" registered ECC memory modules. Total kit capacity is 4GB (4096MB). The components on each module include thirty-six 64M x 8-bit DDR2-533 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=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 per module) |
| ✓ | UL Rating | 94 V - 0 |

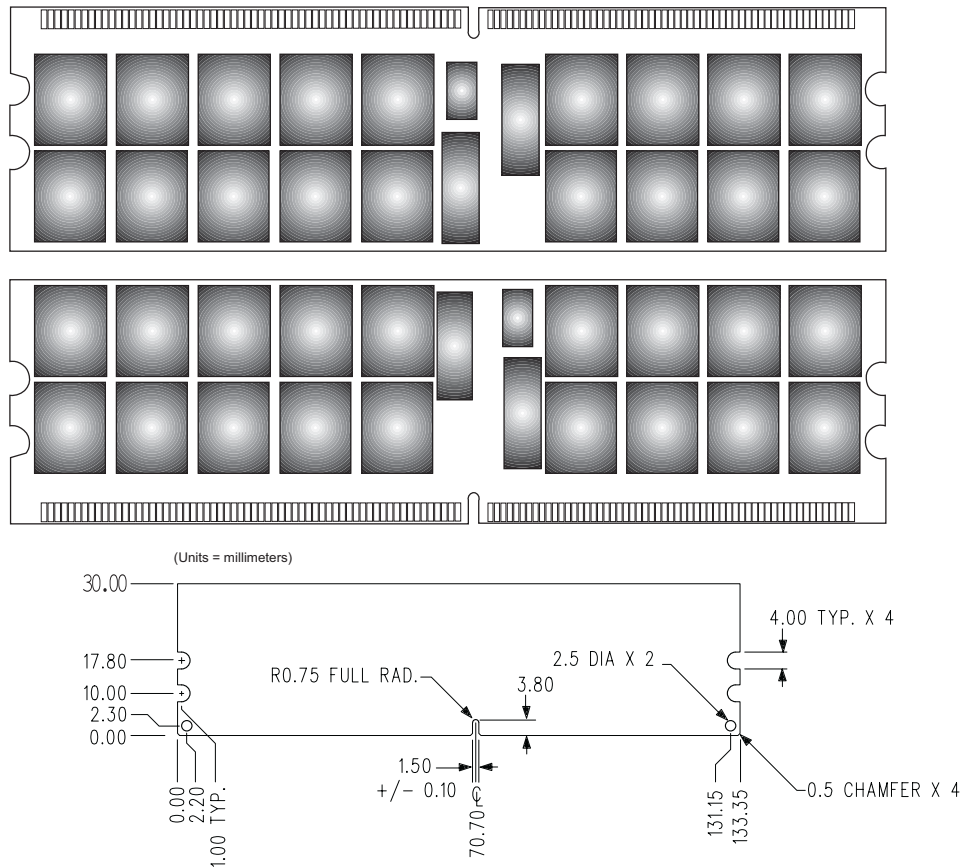


Figure 1: KVR533D2Q8R4K2/4G 240-Pin DIMM