Memory Module Specification

KVR667D2D8P5K2/8G

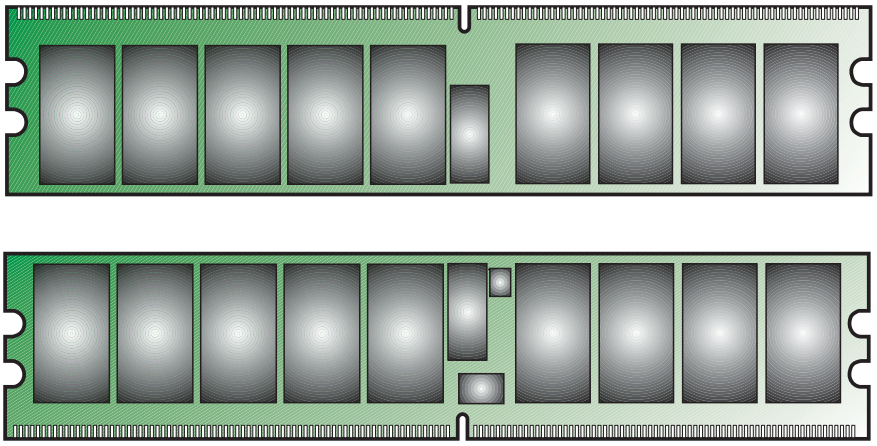
8GB (4GB 512M x 72-Bit X 2 PCS.) DDR2-667 CL5 Registered w/Parity 240-Pin DIMM Kit

DESCRIPTION:

ValueRAM's KVR667D2D8P5K2/8G is a kit of two 512M x 72-bit 4GB (4096MB) DDR2-667 CL5 SDRAM (**S**ynchronous **DRAM**) "dual rank" Registered w/Parity memory modules. Total kit capacity is 8GB (8192MB). The components on each module include eighteen 256M x 8-bit DDR2-667 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:

☑ Clock Cycle Time (tCK) CL=5	3ns (min.) / 8ns (max.)
☑ Row Cycle Time (tRC)	54ns (min.)
☑ Refresh to Active/Refresh Command Time (tRFC)	127.5ns
☑ Row Active Time (tRAS)	45ns (min.) / 70,000ns (max.)
☑ Single Power Supply of	+1.8V (+/- .1V)
☑ Power	TBD (operating per module)
☑ UL Rating	94 V - 0



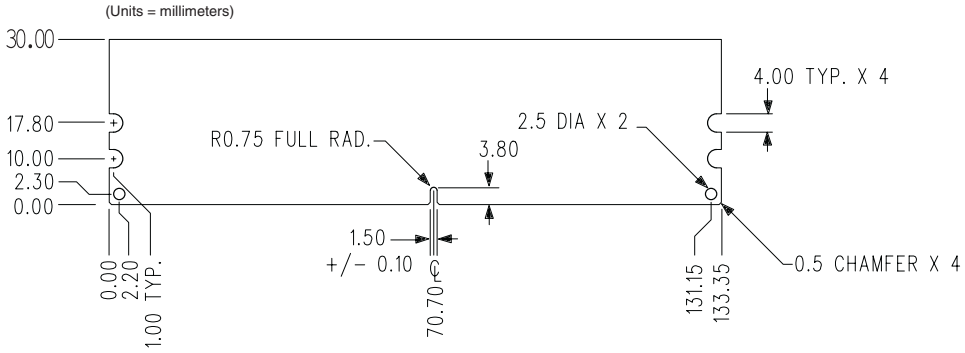


Figure 1: KVR667D2D8P5K2/8G 240-Pin DIMM