

## KVR667D2U5/512

### 512MB 64M x 64-Bit DDR2-667

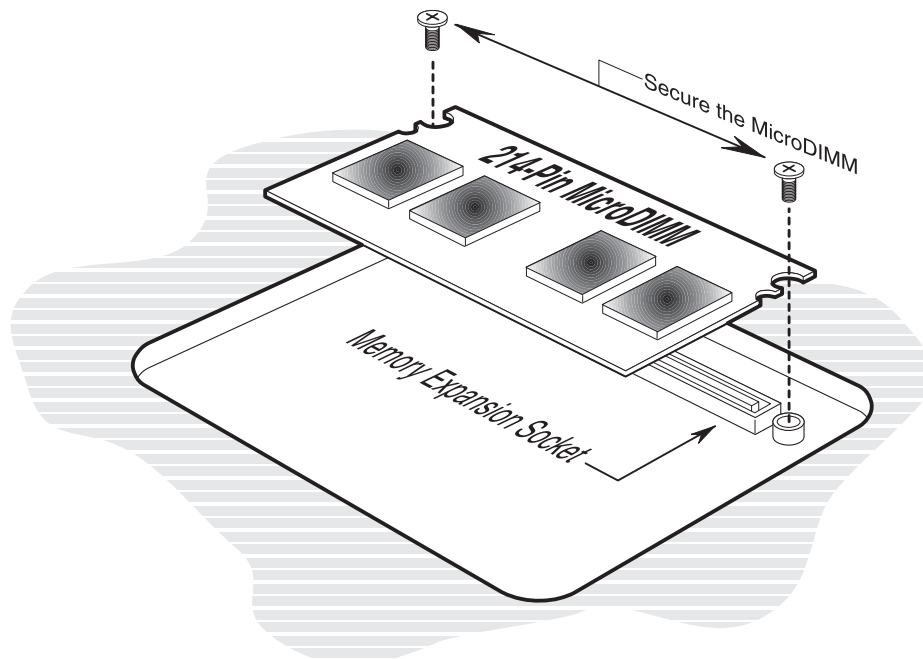
### CL5 214-Pin MicroDIMM

#### DESCRIPTION:

This document describes ValueRAM's 64M x 64-bit (512MB) D2-667 CL5 SDRAM (Synchronous **DRAM**) memory module. The components on this module include eight 32M x 16-bit (8M x 16-bit x 4 Bank) DDR2-667 SDRAM in FBGA packages. This 214-pin MicroDIMM requires +1.8V for operation. 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)	105ns
✓ Row Active Time (tRAS)	39ns (min.) / 70,000ns (max.)
✓ Single Power Supply of	+1.8V (+/- .1V)
✓ Power	1.008 W (operating)
✓ UL Rating	94 V - 0



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**DIMENSIONS:**

