KVR56U46BD8-64

64GB 2Rx8 8G x 64-Bit
PC5-5600 CL46 288-Pin DIMM

DESCRIPTION

This document describes ValueRAM's KVR56U46BD8-64 is a 8G x 64-bit (64GB) DDR5-5600 CL46 SDRAM (Synchronous DRAM), 2Rx8, memory module, based on sixteen 4G x 8-bit FBGA components. The SPD is programmed to JEDEC standard latency DDR5-5600 timing of 46-45-45 at 1.1V. Each 288-pin DIMM uses gold contact fingers. The electrical and mechanical specifications are as follows:

SPECIFICATIONS

CL	46 cycles
Row Cycle Time (tRCmin)	48ns(min.)
Refresh to Active/Refresh Command Time (tRFCmin)	410ns(min.)
Row Active Time (tRASmin)	32ns(min.)
UL Rating	94 V - 0
Operating Temperature	0° C to +85° C
Storage Temperature	-55° C to +100° C

FEATURES

- Power Supply: VDD = 1.1V Typical
- VDDQ = 1.1V Typical
- VPP = 1.8V Typical
- VDDSPD = 1.8V to 2.0V
- On-Die ECC
- PCB: Height 1.23” (31.25mm)
- RoHS Compliant and Halogen-Free

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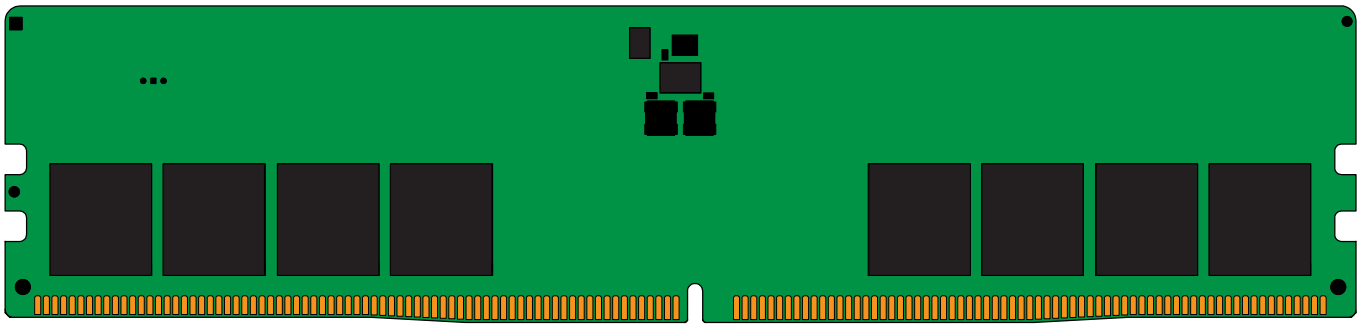
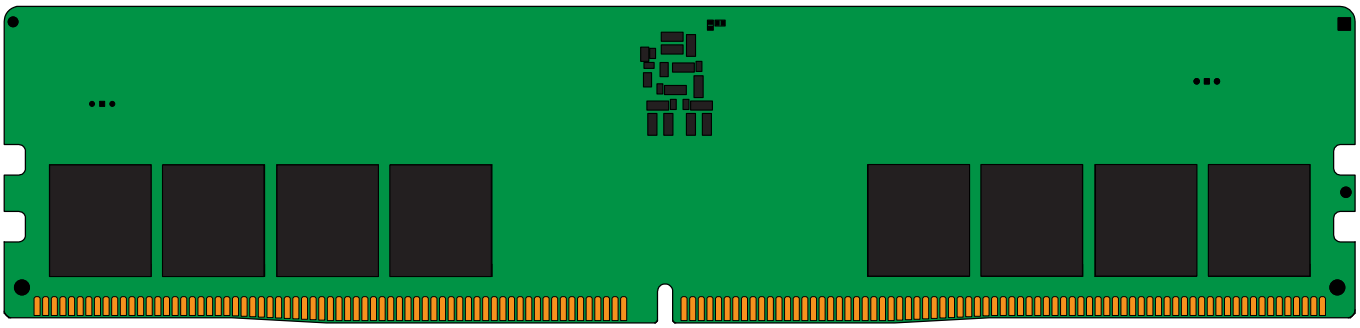
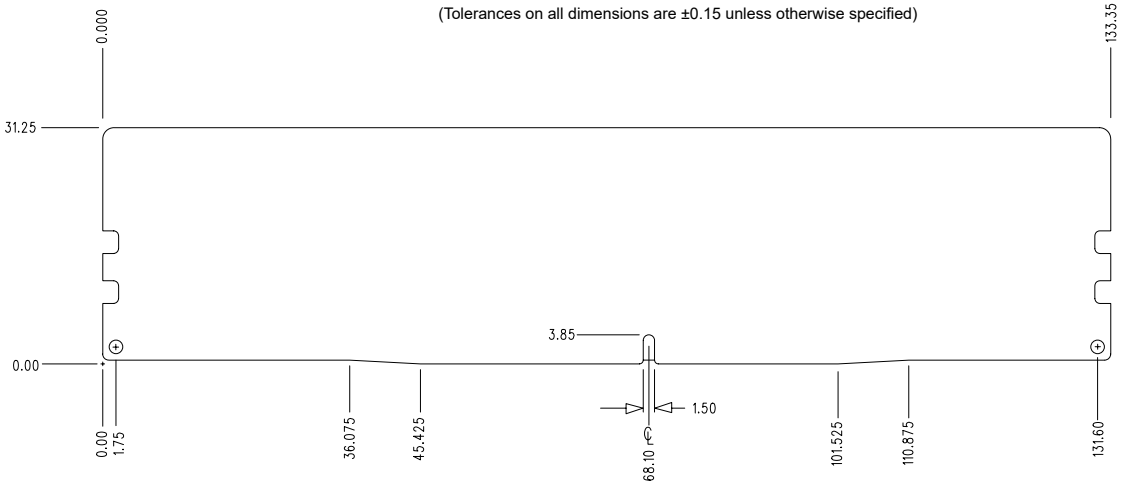
MODULE DIMENSIONS





All measurements are in millimeters.
(Tolerances on all dimensions are ±0.15 unless otherwise specified)



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