

Memory Module Specifications

KVR56S46BS6K2-16

16GB (8GB 1Rx16 1G x 64-Bit x 2 pcs.)

PC5-5600 CL46 262-Pin SODIMM Kit

DESCRIPTION

This document describes ValueRAM's KVR56S46BS6K2-16 is a kit of two 1G x 64-bit (8GB) DDR5-5600 CL46 SDRAM (Synchronous DRAM), 1Rx16, memory module, based on four 1G x 16-bit FBGA components. Total kit capacity is 16GB. The SPD is programmed to JEDEC standard latency DDR5-5600 timing of 46-45-45 at 1.1V. Each 262-pin SODIMM uses gold contact fingers. The electrical and mechanical specifications are as follows:

FEATURES

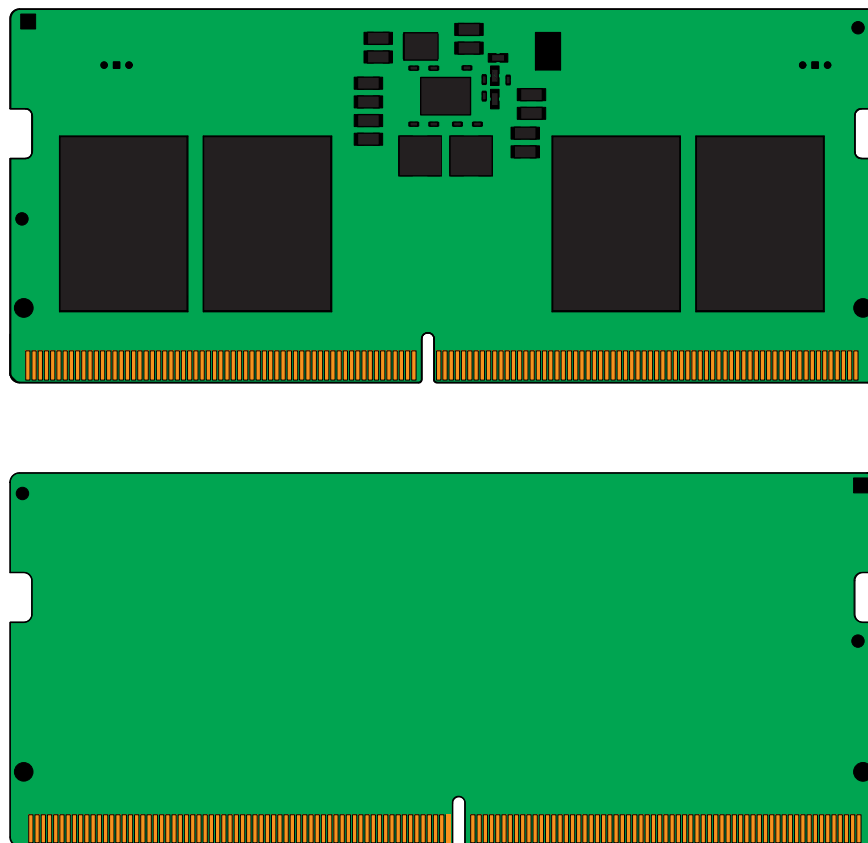
- Power Supply: VDD = 1.1V Typical
- VDDQ = 1.1V Typical
- VPP = 1.8V Typical
- VDDSPD = 1.8V to 2.0V
- On-Die ECC
- PCB: Height 1.18" (30.00mm)
- RoHS Compliant and Halogen-Free

SPECIFICATIONS

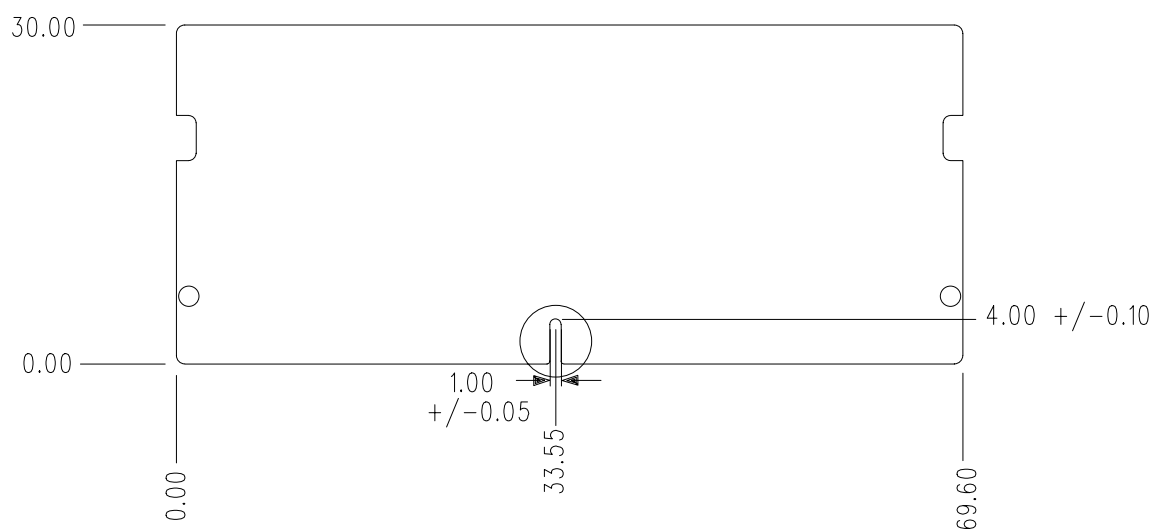
CL(IDD)	46 cycles
Row Cycle Time (tRCmin)	48ns(min.)
Refresh to Active/Refresh Command Time (tRFCmin)	295ns(min.)
Row Active Time (tRASmin)	32ns(min.)
UL Rating	94 V - 0
Operating Temperature	0° C to +85° C
Storage Temperature	-55° C to +100° C

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MODULE DIMENSIONS



All measurements are in millimeters.
(Tolerances on all dimensions are ± 0.12 unless otherwise specified)



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