KF548S38IB-8
8GB 1G x 64-Bit
DDR5-4800 CL38 262-Pin SODIMM
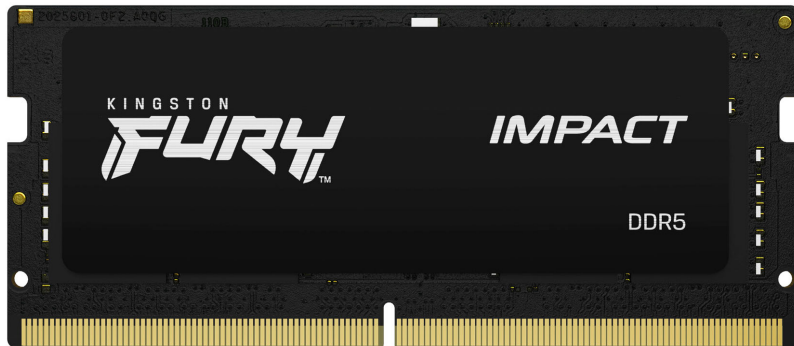
SPECIFICATIONS

CL(IDD)	38 cycles
Row Cycle Time (tRCmin)	48ns(min.)
Refresh to Active/Refresh Command Time (tRFCmin)	295ns(min.)
Row Active Time (tRASmin)	29.12ns(min.)
UL Rating	94 V - 0
Operating Temperature	0° C to +85° C
Storage Temperature	-55° C to +100° C

DESCRIPTION

Kingston FURY KF548S38IB-8 is a 1G x 64-bit (8GB) DDR5-4800 CL38 SDRAM (Synchronous DRAM) 1Rx16, memory module, based on four 1G x 16-bit FBGA components per module. The module supports Intel® Extreme Memory Profiles (Intel® XMP) 3.0. Each module has been tested to run at DDR5-4800 at a low latency timing of 38-38-38 at 1.1V. Additional timing parameters are shown in the Plug-N-Play (PnP) Timing Parameters section below. Each 262-pin DIMM uses gold contact fingers. The JEDEC standard electrical and mechanical specifications are as follows:

Note: The PnP feature offers a range of speed and timing options to support the widest variety of processors and chipsets. Your maximum speed will be determined by your BIOS.

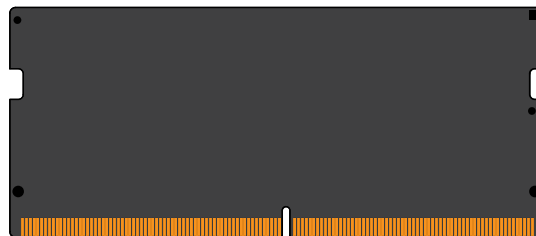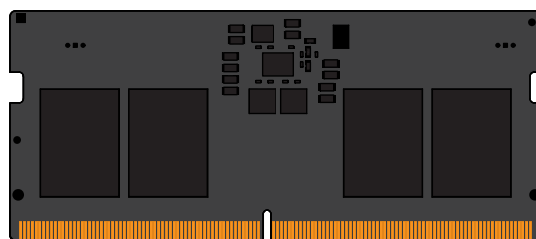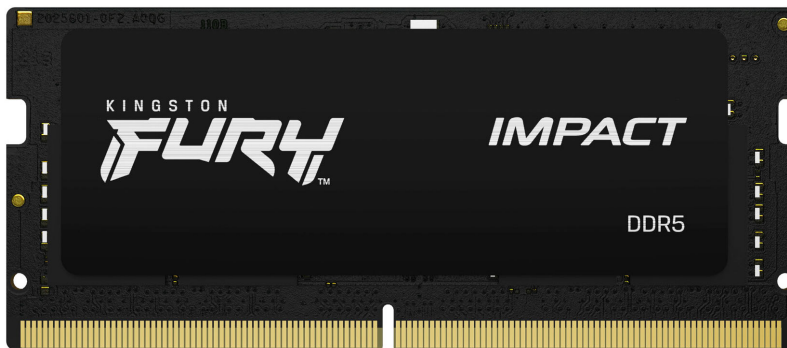## FACTORY TIMING PARAMETERS

- Default (Plug N Play): DDR5-4800 CL38-38-38 @ 1.1V
- XMP Profile #1: DDR5-4800 CL38-38-38 @ 1.1V

FEATURES

- Power Supply: VDD = 1.1V Typical
- VDDQ = 1.1V Typical
- VPP = 1.8V Typical
- VDDSPD = 1.8V to 2.0V
- On-Die ECC
- Height 1.18" (30mm)

MODULE DIMENSIONS

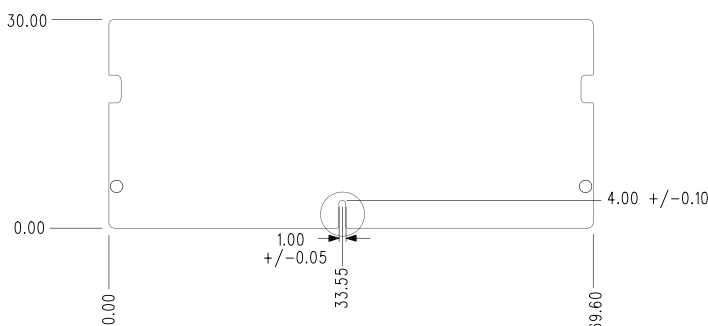All measurements are in millimeters.
(Tolerances on all dimensions are ±0.12 unless otherwise specified)

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All Kingston products are tested to meet our published specifications. Some motherboards or system configurations may not operate at the published Kingston FURY memory speeds and timing settings. Kingston does not recommend that any user attempt to run their computers faster than the published speed. Overclocking or modifying your system timing may result in damage to computer components.