CIR-W5SUSB4832G

DDR5 WIDE TEMP. SO-DIMM 4800MHz 32GB

Description

CIR-W5SUSB4832G is a 4G x 64-bit (32GB) DDR5-4800 CL40 SDRAM (Synchronous DRAM), 2Rx8, memory module, based on eight 2G x 8-bit FBGA components. The SPD is programmed to JEDEC standard latency DDR5-4800 timing of 40-39-39 at 1.1V. Each 262-pin SO-DIMM uses gold contact fingers.

Power management integrated circuit (PMIC) provides better signal integrity and more stable power. Original DRAM chips and all components are stringently tested for the highest level of compatibility, reliability, and performance.

Specifications

Density	32GB
Pin Count	262pin
Type	Unbuffered
Dimensions	69.60mm x 30.00mm
ECC	Non-ECC
Component Config	2G x 8 bit
Data Rate	4800 MHz
CAS Latency	40
Voltage	1.1V
PCB Layers	10
Operating Temp.(TCASE)	-40°C~+85°C
Module Ranks	Dual Rank

Features

- JEDEC Standard 262-pin Small Outline Dual In-Line Memory Module
- VDD = VDDQ = 1.1V (1.067V~1.166V)
- VPP = VDDSPD =1.8V
- Programmable /CAS Latency: 22,26,28,30,32,36,40,42
- PMIC on DIMM, nominal supply 5V, VIN_Bulk input supply range: 4.25 V to 5.5 V
- On-die, internal, adjustable VREF generation for DQ,CA,CS
- 16n-bit prefetch
- Two independent I/O sub channels
- On-Die ECC
- SPD Hub with Thermal Sensor
- Fly-By topology
- Terminated control, command and address bus
- RoHS Compliant and Halogen free

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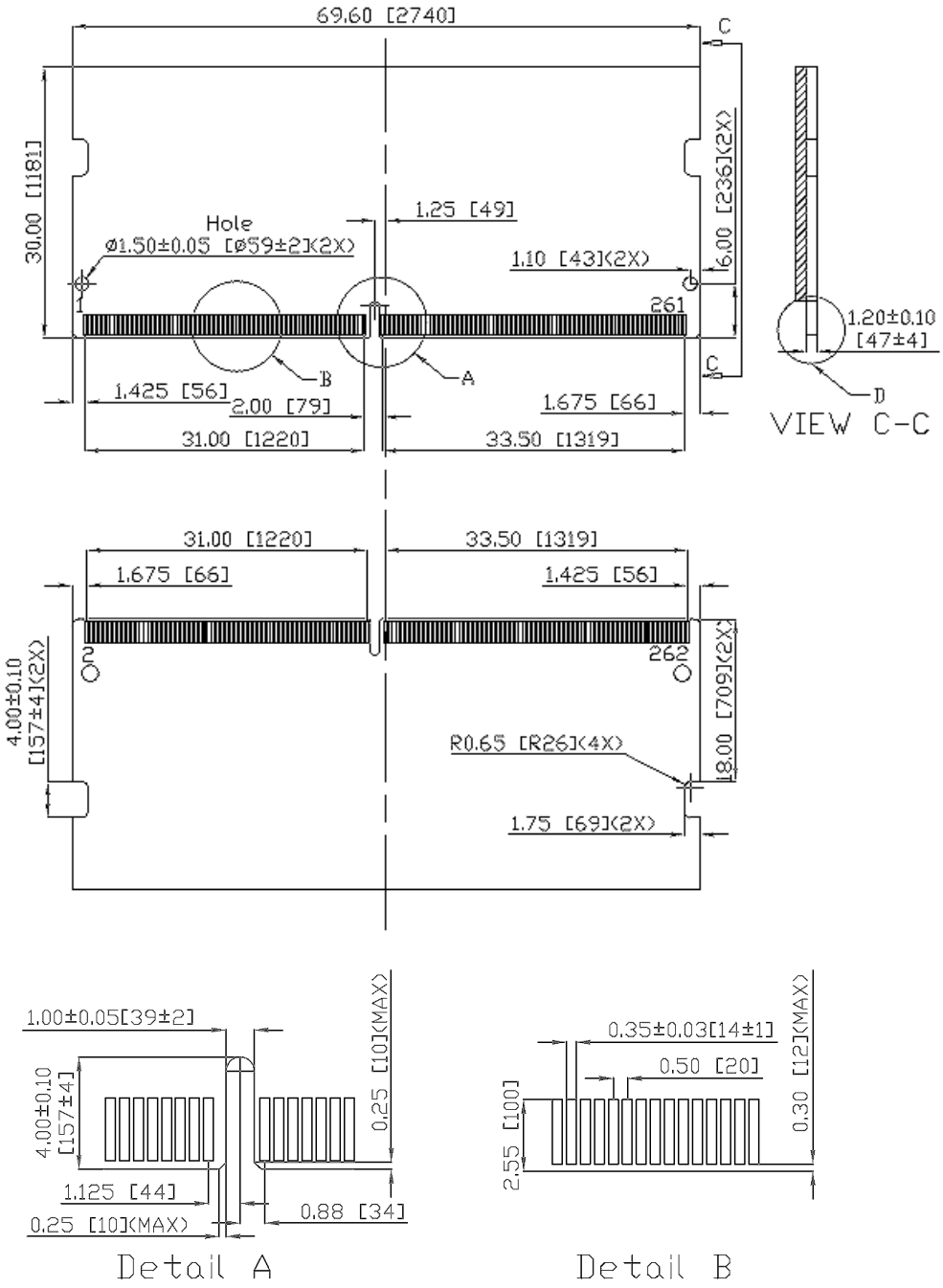
Speed Grade

Frequency Grade	Data Transfer Rate	CAS Latency Support			CL-tRCD-tRP
		CL40	TBD	TBD	
DDR5-4800	PC5-38400	4800	TBD	TBD	40-39-39

Package Dimensions

Unit: mm



Tolerances: ± 0.15mm unless otherwise specified