

CIR-V3DAHK1604G

DDR3 R-DIMM 1600MHz 4GB

Description

DDR3 Registered DIMMs (Registered Double Data Rate Synchronous DRAM Dual In-Line Memory Modules) are high-speed operation memory modules that use DDR3 SDRAM devices. These Registered SDRAM DIMMs are intended for use as main memory when installed in systems such as servers and workstations.

Specifications

Density	4GB
Pin Count	240pin
Type	Registered
Dimensions	133.35mm x 30.0mm
ECC	With ECC
Component Config	512M x 8 bit
Data Rate	1600 Mbps
CAS Latency	11
Voltage:	1.5V / 1.35V
PCB Layers	6
Operating Temp.(TCASE)	0°C~+85°C
Module Ranks	Single Rank

Features

- Registered Double Data Rate Synchronous DRAM Dual In-Line Memory Modules
- Package: 240-pin socket type registered dual in line memory module (RDIMM)
- Power Supply: VDD= 1.5V (1.425V to 1.575V) & VDD= 1.35V (1.283V to 1.45V)
- VDDSPD=3.0V to 3.6V
- Interface: SSTL_15
- CAS (READ) latency (CL): 6, 7, 8, 9, 10, 11
- Bi-Directional Differential Data Strobe
- Eight Internal banks for concurrent operation (components)
- Refresh: Auto-refresh, self-refresh
- Burst Length (BL) switch on-the-fly BL8 or BC4(Burst Chop)
- Supports ECC error correction and detection
- On-Die-Termination (ODT) for better signal quality
- Serial Presence-Detect (SPD) EEPROM with temperature sensor
- RoHS Compliant (Lead Free) Memory module
- TCASE of 0°C to 95°C (Components)
 - 64ms, 8,192 cycle refresh at 0°C to 85°C
 - 32ms at 85°C to 95°C

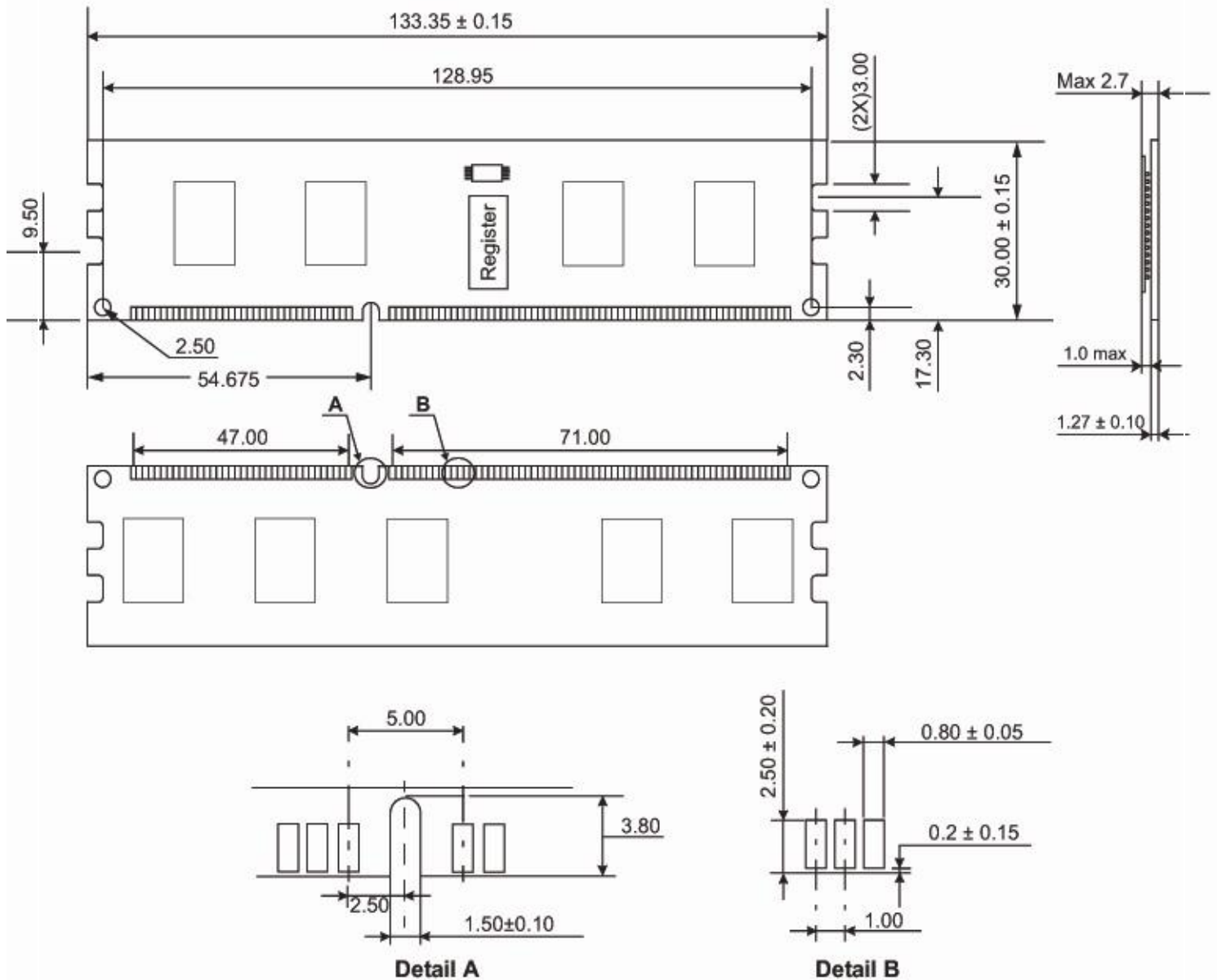


Speed Grade

Frequency Grade	Data Transfer Rate	CAS Latency Support						CL-tRCD-tRP
		CL6	CL7	CL8	CL9	CL10	CL11	
DDR3-1600	PC3-12800	800	1066	1066	1333	1333	1600	11-11-11

Package Dimensions

Unit: mm



Tolerances : ± 0.15 mm unless otherwise specified