

CIR-W3SULIK1304G Art. No. 141113

DDR3 WIDE TEMP. SO-DIMM LOW VOLTAGE 1333MHz 4GB

Description

The CIR-W3SULIK1304G is 512M words X 64 bits, 1 rank. Unbuffered Small Outline Dual In-Line Memory Module (SO-DIMM). DDR3L SDRAMs in Fine Ball Grid Array (FBGA) packages on a 204pin glass-epoxy substrate. Provide a high performance 8 byte interface in 67.60mm width form factor of industry standard. It is suitable for easy interchange and addition.

Specifications

Density	4GB
Pin Count	204pin
Type	Unbuffered
Dimensions	67.6mm x 30.0mm
ECC	Non-ECC
Component Config	512M x 8 bit
Data Rate	1333 MHz
CAS Latency	9
Voltage	1.35V / 1.5V
PCB Layers	8
Operating Temp.(TCASE)	-40°C~+95°C
Module Ranks	Single Rank

Features

- Data rate: 1333MHz
- RoHS compliant products.
- 204pin, Small outline dual in-line memory module (SO-DIMM)
- VDD= 1.35V (1.28V~1.45V) & VDDQ=1.5V(1.425V~1.575V)
- Interface: SSTL_15
- Programmable CAS Latency (CL): 6,7,8,9 support
- Fully differential clock inputs (CK, /CK) operation
- Differential Data Strobe (DQS, /DQS)
- Serial presence detect with EEPROM
- 8 independent internal bank
- 8K refresh cycles /64ms
- On Die Termination supported
- Asynchronous RESET pin supported
- ZQ calibration supported
- POSTED CAS additive latency (AL)
- Bi-directional Differential Data Strobe
- Burst Length: 4, 8
- 8 bit pre-fetch

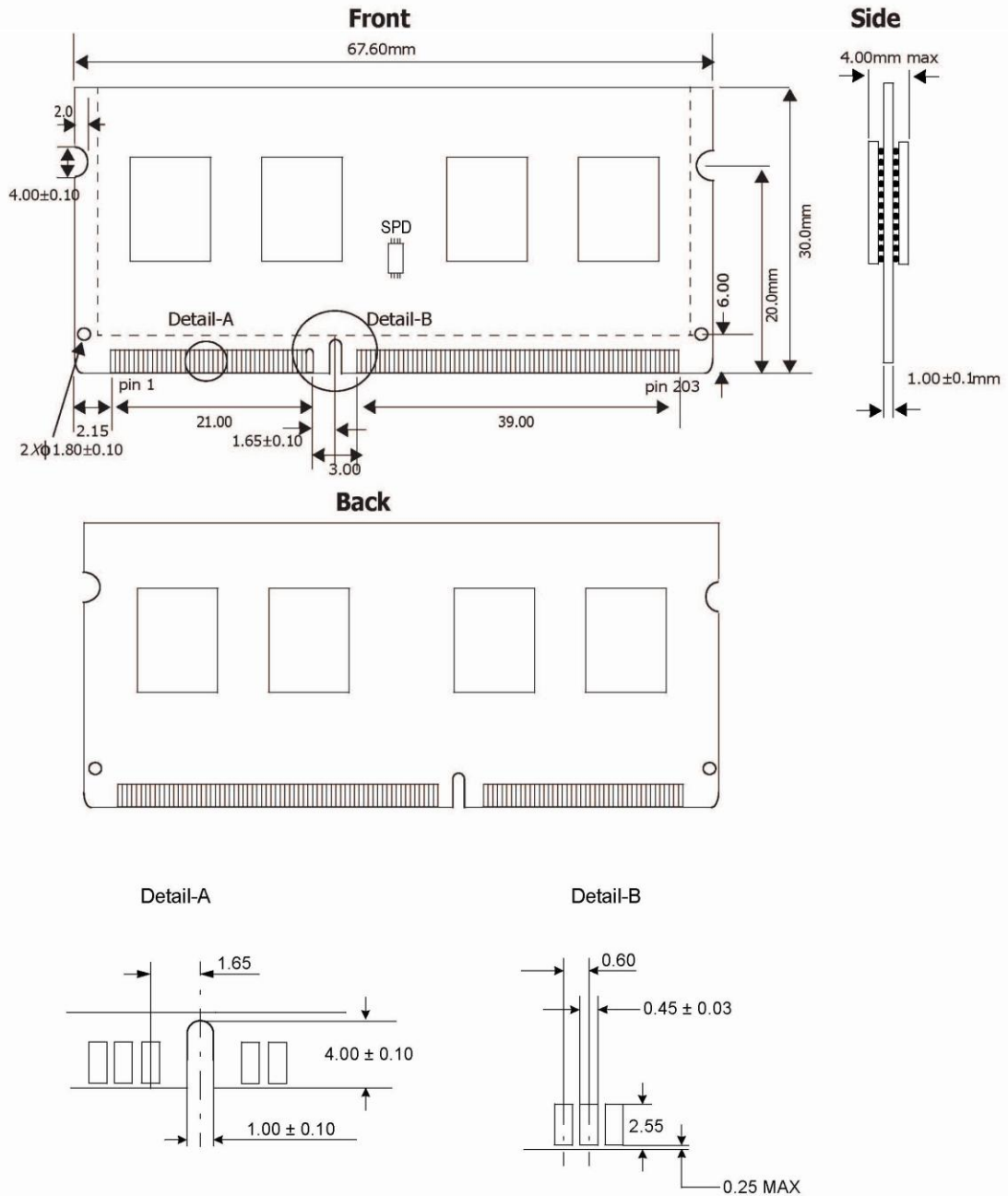


Speed Grade

Frequency Grade	Data Transfer Rate	CAS Latency Support				CL-tRCD-tRP
		CL6	CL7	CL8	CL9	
DDR3-1333	PC3-10600	800	1066	1066	1333	9-9-9

Package Dimensions

Unit: mm



Tolerances : ± 0.15 mm unless otherwise specified