SATADOM-MV
3ME3 series

- Best boot drive solution for server and embedded system

- SATA 6Gb/s interface

- High IOPS to reduce boot up timing

- Built-in Pin 7 power supply

- DRAM-less, 100% data integrity

- Innovative Firmware Algorithm

- Anti-vibration mechanical design

- Built in iData Guard

Introduction

Innodisk SATADOM-MV 3ME3 is designed as the standard SATA 7 pin connector with SATA interface, and supports SATA III standard (6.0Gb/s) with excellent performance. Innodisk SATADOM-MV 3ME3 absolutely replaces the traditional hard disk and makes personal computer, in any field, smaller and easier.

Innodisk SATADOM-MV 3ME3 effectively reduces the booting time of operation system and the power consumption is less than hard disk drive (HDD), and complies with ATA protocol, no additional drives are required, and can be configured as a boot device or data storage device.
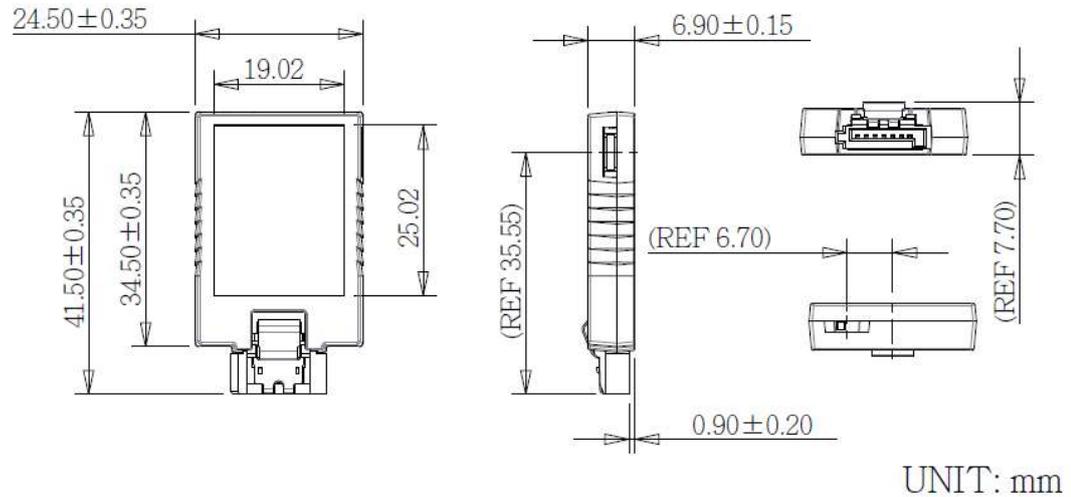
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Diagram

UNIT: mm

20180209

Specifications

Interface	SATA III
Flash Type	MLC
Capacity	8GB~128GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	220 / 80
Max. Power Consumption	1.8W (5V x 370mA)
Thermal Sensor	ST- Optional/ WT- Default
External DRAM buffer	-
H/W Write Protect	√
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	25.2 X 41.5 X 6.8 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB	128GB
Standard Grade (0°C ~ +70°C)	DESMV-08GD09*C1SC(F)	DESMV-16GD09*C1DC(F)	DESMV-32GD09*C1DC(F)	DESMV-64GD09*C1DC(F)	DESMV-A28D09*C1DC(F)
Industrial Grade (-40°C ~ +85°C)	DESMV-08GD09*W1SC(F)	DESMV-16GD09*W1DC(F)	DESMV-32GD09*W1DC(F)	DESMV-64GD09*W1DC(F)	DESMV-A28D09*W1DC(F)

*S: Toshiba A19 nm MLC/ B: Toshiba 15nm MLC
PN end with F is SATADOM Pin 7 with power supply version, which doesn't provide power cable.

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