

Datasheet

mSATA 3ME2 series

- SATA 6Gb/s interface
- Intelligent error recovery system
- Excellent data transfer speed
- Zero mechanical interference
- Anti-vibration mechanical design
- JEDEC standard MO-300 dimension



Introduction

Innodisk mSATA 3ME2 is designed with mSATA form factor by MO-300/MO-300B which established by JEDEC, and support SATA III standard (6.0Gb/s) with excellent performance. Regarding of mechanical interference, Innodisk mSATA 3ME2 absolutely replaces the traditional hard disk and makes personal computer, in any field, smaller and easier.

Innodisk mSATA 3ME2 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.

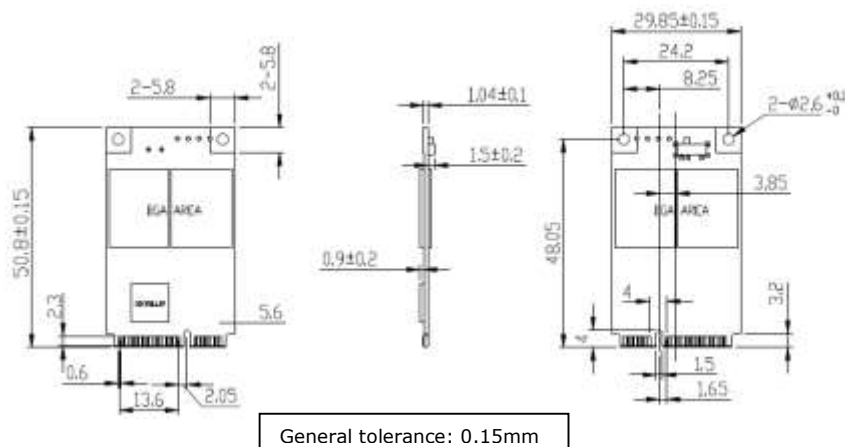
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www.Innodisk.com

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**Contact us for more information
about the mSATA 3ME2.**

Innodisk is a service-driven provider of industrial embedded flash storage products and technologies, with a focus on the cloud computing, industrial/embedded, and aerospace and defense industries.



Specifications

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Interface	SATA III
Flash Type	MLC
Capacity	16GB~256GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	440 / 150
Max. Power Consumption	2.6 W (3.3V x 810 mA)
Thermal Sensor	ST- Optional
External DRAM buffer	-
H/W Write Protect	Optional
ATA Security	✓
S.M.A.R.T.	✓
Dimension (WxLxH)	29.8 X 50.8 X 3.4 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

Ordering Information

20150519

Operation Temp.	16GB	32GB	64GB	128GB	256GB
Standard Grade (0°C ~ +70°C)	DEMSR- 16GD72SCASN	DEMSR- 32GD72SCADN	DEMSR- 64GD72SCAQN	DEMSR- A28D72SCAQN	DEMSR- B56D72SCAQN
Industrial Grade (-40°C ~ +85°C)	DEMSR- 16GD72SWASN	DEMSR- 32GD72SWADN	DEMSR- 64GD72SWAQN	DEMSR- A28D72SWAQN	DEMSR- B56D72SWAQN



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