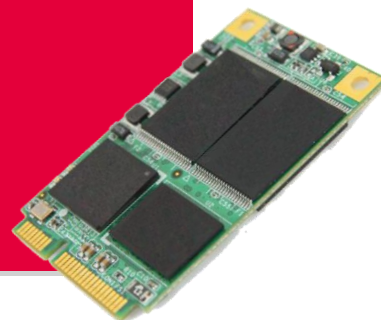


Datasheet

mSATA

2MR series

- Compliant with MIL-STD-810-F/G
- Data Security (QEraser/ SEraser/ Destroy/ Write Protect)
- Conformal coating (Optional)
- Excellent data transfer rate



Introduction

Innodisk's mSATA 2MR is designed in a standard mini PCIe form factor with a SATA interface. It comes with several data security functions, including SEraser, QEraser, Destroy, Write Protect. The mSATA 2MR also supports the SATA II standard (3.0Gb/s) and is compliant with JEDEC MO-300 standards and SATA-IO mini SATA standards. The mSATA 2MR is an MLC-based flash device and is available in capacities from 16GB up to 128GB.

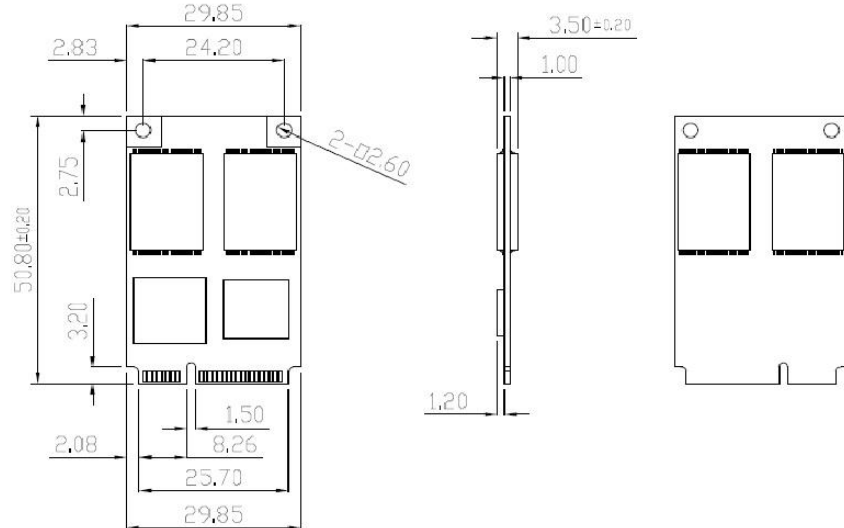
mSATA

2MR series

Drawing

Contact us for more information about the mSATA 2MR

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



Specifications

Interface	SATA II
Flash Type	MLC
Flash P/E cycle limit	3,000
Capacity	16GB~128GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	130 / 65
Max. Power Consumption	1.82 W (3.3V x 550 mA)
Thermal Sensor	√
ATA Security	Supported
S.M.A.R.T.	Supported
Dimension (WxLxH)	29.8 X 50.8 X 3.5 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

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Ordering Information

Operation Temp.	16GB	32GB	64GB	128GB
Standard Grade (0°C ~ +70°C)	DRMSR- 16GJ21AC1QN	DRMSR- 32GJ21AC1QN	DRMSR- 64GJ21AC1QN	DRMSR- A28J21AC1QN
Industrial Grade (-40°C ~ +85°C)	DRMSR- 16GJ21AW1QN	DRMSR- 32GJ21AW1QN	DRMSR- 64GJ21AW1QN	DRMSR- A28J21AW1QN

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