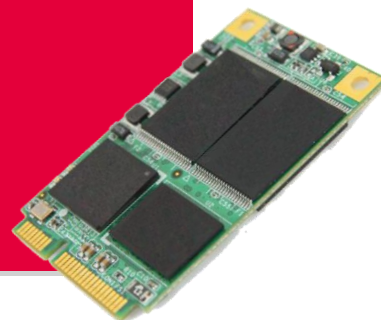


Datasheet

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.

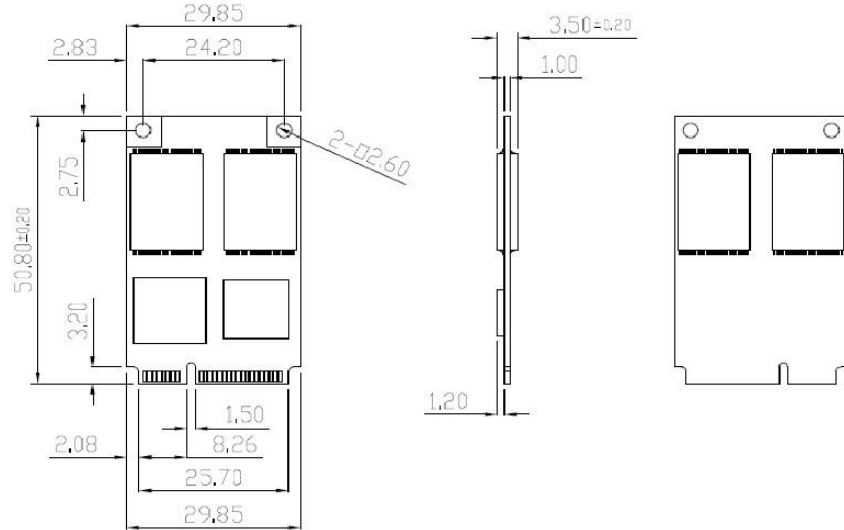
mSATA

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

Headquarters (Taiwan)

9F., No.100, Sec. 1, Xintai 5th Rd.,
Xizhi Dist., New Taipei City,
Taiwan (R.O.C.)
Tel: +886-2-26963000
Email: sales@innodisk.com

Branch Offices:

USA
usasales@innodisk.com
+1-510-770-9421
Europe
eusales@innodisk.com
+31-040-282-2382
Japan
jpsales@innodisk.com
+81-3-6661-9846
China
sales_cn@innodisk.com
+86-755-21673689
www.innodisk.com

© 2012 Innodisk Corporation.
All right reserved. Specifications
are subject to change without
prior notice.

20130226

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

innodisk

www.innodisk.com