

Datasheet

1.8" SATA SSD

3MR-P series

- Compliant with MIL-STD-810-F/G
- Data security (QEraser/ SEraser/ Destroy/ Write Protect)
- High random R/W performance
- iSMART disk health monitoring
- Intelligent error recovery system
- Enhanced power cycling management
- Conformal coating (optional)



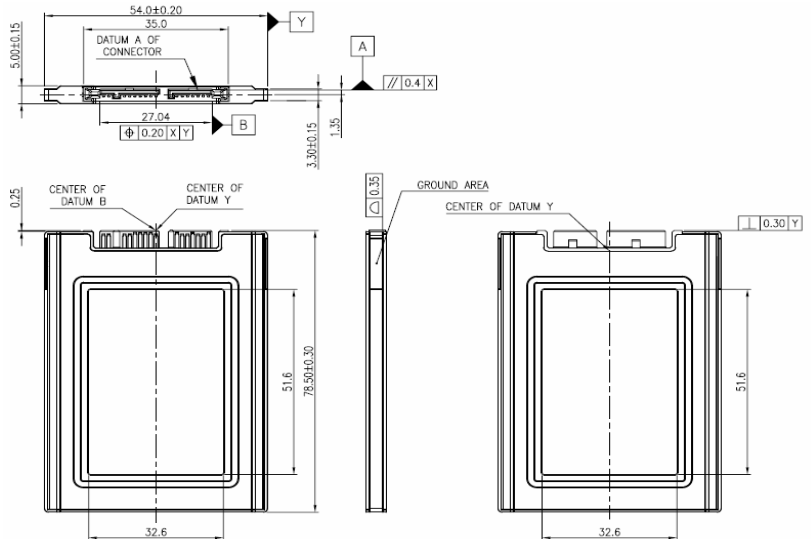
Introduction

Innodisk 1.8" SATA SSD 3MR-P is a SATA III 6Gb/s Flash based disk, which delivers excellent performance and reliability. Especially, it comes with several data security functions, including QEraser/ SEraser/ Destroy and also Write Protect. All the security functions can be triggered both by hardware and software approaches. 1.8" SATA SSD 3MR-P is compliant with MIL-STD-810F/G standards. The SSD is equipped ruggedized hardware design and thus it can perform well in the harsh environment. 1.8" SATA SSD 3MR-P is developed with Innodisk owned technical knowhow to ensure the data integrity and highest levels of reliability.

1.8" SATA SSD

3MR-P series

Drawing



Specifications

Interface	SATA III
Flash Type	MLC
Flash P/E Cycle Limit	3,000
Capacity	32GB~512GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	460 / 240
Max. Power Consumption	5 W (5V x 1A)
Thermal Sensor	✓
External DRAM Buffer	✓
H/W Write Protect	-
ATA Security	✓
S.M.A.R.T.	✓
Dimension (WxLxH)	54.0 X 78.5 X 5.00 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

Contact us for more information about the 1.8" SATA SSD 3MR-P

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.

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Ordering Information

Operation Temp.	32GB	64GB	128GB	256GB	512GB
Standard Grade (0°C ~ +70°C)	DRS18-32GD67SC1QC	DRS18-64GD67SC1QC	DRS18-A28D67SC1QC	DRS18-B56D67SC1QC	DRS18-C12D67SCAQC
Industrial Grade (-40°C ~ +85°C)	DRS18-32GD67SW1QC	DRS18-64GD67SW1QC	DRS18-A28D67SW1QC	DRS18-B56D67SW1QC	DRS18-C12D67SIAQC

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