

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.

innodisk

www.innodisk.com

(ES) Equipements Scientifiques SA - Département Modules & Systèmes Informatiques - 127 rue de Buzenval BP 26 - 92380 Garches
Tél. 01 47 95 99 80 - Fax. 01 47 01 16 22 - e-mail: msi@es-france.com - Site Web: www.es-france.com

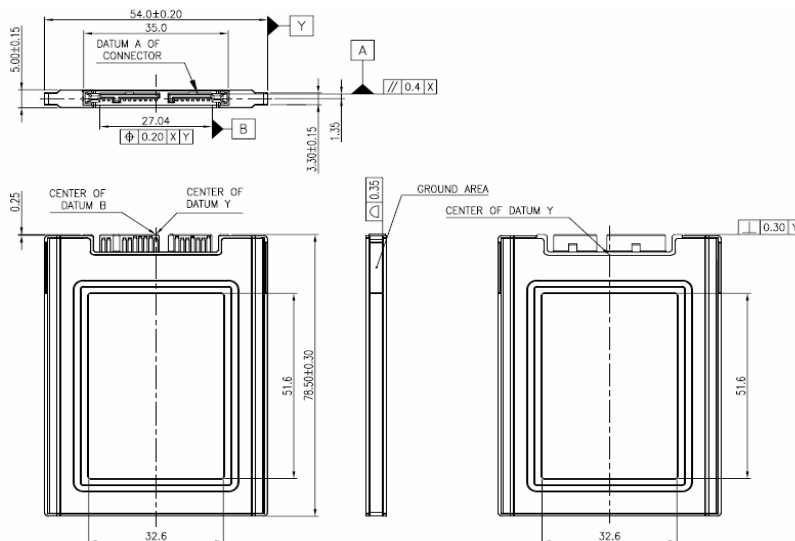
1.8" SATA SSD

3MR-P series

Drawing

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.



Specifications

Interface	SATA III
Flash Type	MLC
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

Headquarters (Taiwan)

5F., No.237, Sec. 1, Datong Rd.
Xizhi Dist., New Taipei City, Taiwan
(R.O.C.)
Tel: +886-2-7703-3000
Email: sales@innodisk.com

Branch Offices:

USA
usasales@innodisk.com
+1-510-770-9421
Europe
eusales@innodisk.com
+31-040-282-1818
Japan
jpsales@innodisk.com
+81-45-594-7581
China
sales_cn@innodisk.com
+86-755-2167-3689
www.innodisk.com

© 2014 Innodisk Corporation.
All right reserved. Specifications
are subject to change without
prior notice.

20150113

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

innodisk

www.innodisk.com

(ES) Equipements Scientifiques SA - Département Modules & Systèmes Informatiques - 127 rue de Buzenval BP 26 - 92380 Garches
Tél. 01 47 95 99 80 - Fax. 01 47 01 16 22 - e-mail: msi@es-france.com - Site Web: www.es-france.com