

Datasheet

1.8" SATA SSD

3MG3-P series

- 1.8" SATA III solution for industrial field
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Enhanced power cycling management



Introduction

Innodisk 1.8" SATA SSD 3MG3-P is SATA III 6Gb/s Flash based disk, which delivers excellent performance and reliability, making it the ideal solution for a variety of applications, including embedded system, industrial computing, and enterprise field. 1.8" SATA SSD 3MG3-P not only performs unmatched performance, but also designed with Innodisk owned technical knowhow to ensure the data integrity and highest levels of reliability.

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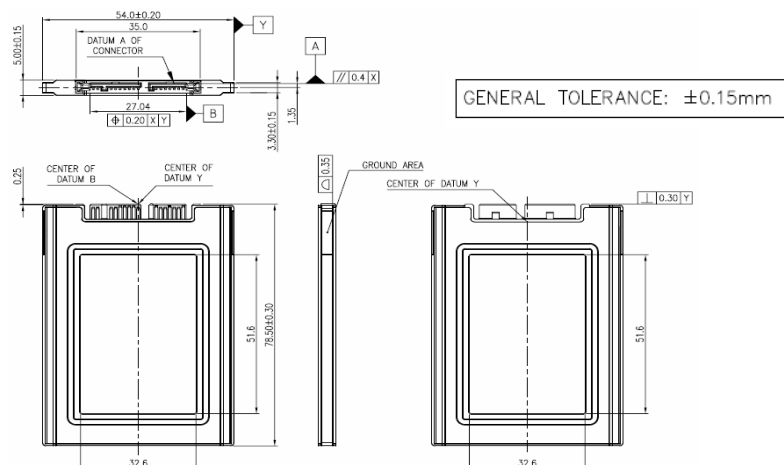
1.8" SATA SSD

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Drawing

Contact us for more information
about the 1.8" SATA SSD 3MG3-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

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Interface	SATA III
Flash Type	MLC
Capacity	8GB~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

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Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB	128GB	256GB	512GB
Standard Grade (0°C ~ +70°C)	DGS18-08GD70BC1SC	DGS18-16GD70BC1SC	DGS18-32GD70BC1DC	DGS18-64GD70BC1QC	DGS18-A28D70BC1QC	DGS18-B56D70BC1QC	DGS18-C12D70BC1QC
Industrial Grade (-40°C ~ +85°C)	DGS18-08GD70BW1SC	DGS18-16GD70BW1SC	DGS18-32GD70BW1DC	DGS18-64GD70BW1QC	DGS18-A28D70BW1QC	DGS18-B56D70BW1QC	DGS18-C12D70BW1QC

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