

Datasheet

1.8" SATA SSD

3ME 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



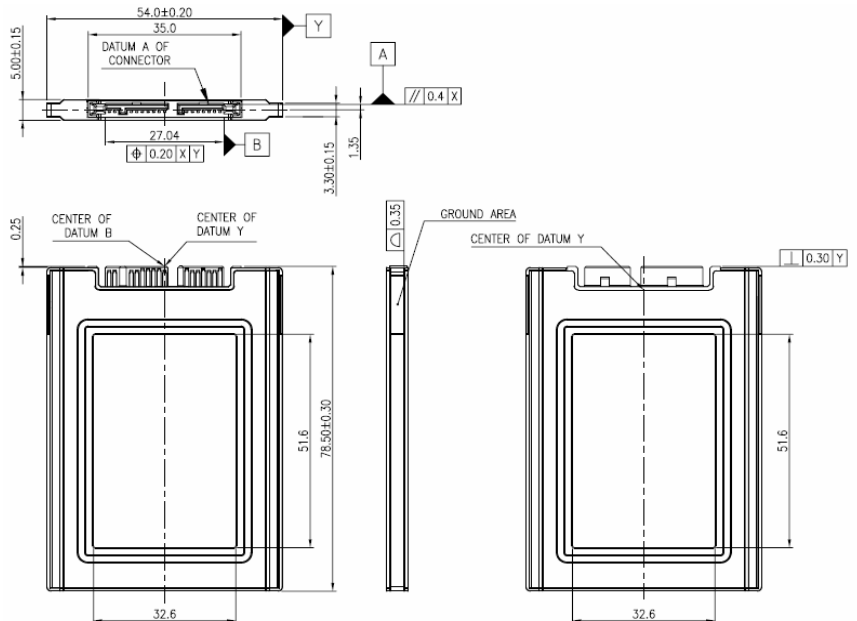
Introduction

Innodisk 1.8" SATA SSD 3ME 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 3ME 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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Drawing



Specifications

Interface	SATA III
Flash Type	MLC
Flash P/E Cycle Limit	3,000
Capacity	8GB~512GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	460 / 240
Max. Power Consumption	2.8 W (5V x 550 mA)
Thermal Sensor	ST- Optional/ WT- Default
External DRAM Buffer	-
ATA Security	Supported
S.M.A.R.T.	Supported
Dimension (WxLxH)	54.00 X 78.50 X 5.00 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB	128GB	256GB	512GB
Standard Grade (0°C ~ +70°C)	DES18-08GD06RC1DC	DES18-16GD06RC1DC	DES18-32GD06RC1QC	DES18-64GD06RC1QC	DES18-A28D06RC1QC	DES18-B56D06SC1QC	DES18-C12D06SC1QC
Industrial Grade (-40°C ~ +85°C)	DES18-08GD06SW1DC	DES18-16GD06SW1DC	DES18-32GD06SW1QC	DES18-64GD06SW1QC	DES18-A28D06SW1QC	DES18-B56D06SW1QC	DES18-C12D06SW1QC

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

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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