

Datasheet

1.8" SATA SSD

3SE 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



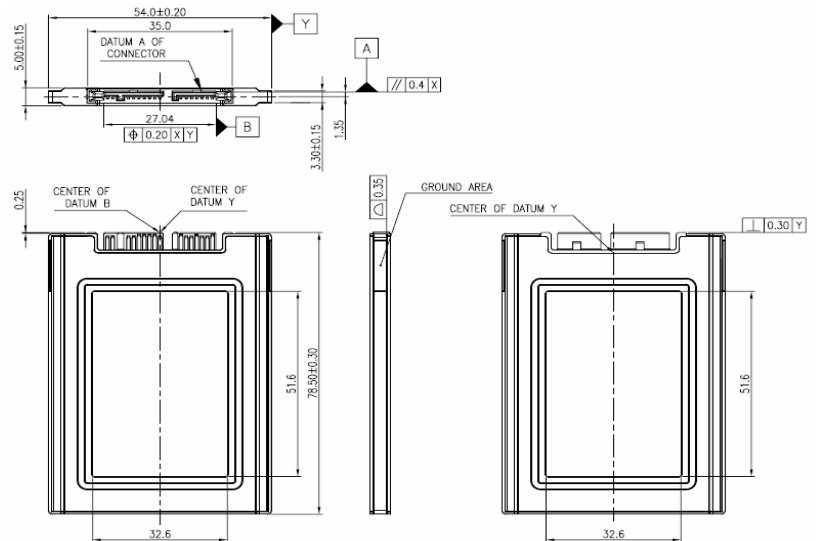
Introduction

Innodisk 1.8" SATA SSD 3SE 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. 3SE 1.8" SSD 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



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

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	SLC
Capacity	8GB~256GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	490 / 430
Max. Power Consumption	3 W (5V x 600 mA)
Thermal Sensor	ST- Optional/ WT- Default
External DRAM Buffer	-
H/W Write Protect	-
Pin7 Power	-
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 ~ +150°C (based on Toshiba datasheet specification) MTBF: 3 million hours

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Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB	128GB	256GB
Standard Grade (0°C ~ +70°C)	DES18-08GD06SCBQB	DES18-16GD06SCBQB	DES18-32GD67SCBQB	DES18-64GD06SCBQB	DES18-A28D06SCBQB	DES18-B56D67SCBQB
Industrial Grade (-40°C ~ +85°C)	DRS18-08GD06SWBQB	DES18-16GD06SWBQB	DES18-32GD06SWBQB	DES18-64GD06SWBQB	DES18-A28D06SWBQB	DES18-B56D06SWBQB

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