

Datasheet

# 1.8" SATA SSD

## 3SE3-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



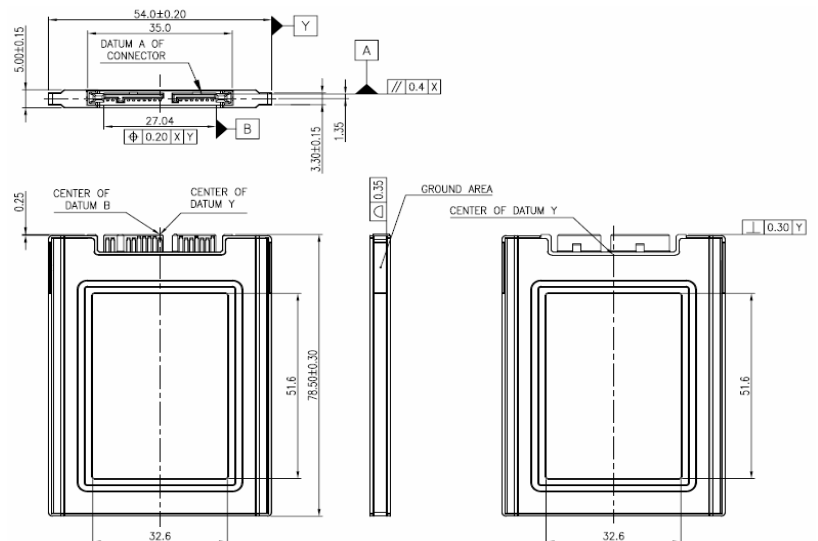
### Introduction

Innodisk 1.8" SATA SSD 3SE3-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 3SE3-P not only performs unmatched performance, but is also designed with Innodisk-owned technical know-how to ensure data integrity and the highest level of reliability.

# 1.8" SATA SSD

## 3SE3-P series

### Drawing



Contact us for more information about the 1.8" SATA SSD 3SE3-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	SLC
Capacity	8GB-512GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	490 / 230
Max. Power Consumption	1.5 W (5V x 300 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

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Operation Temp.	8GB	16GB	32GB	64GB	128GB	256GB	512GB
Standard Grade (0°C ~ +70°C)	DES18-08GD70SCBQB	DES18-16GD70SCBQB	DES18-32GD70SCBQB	DES18-64GD70SCBQB	DES18-A28D70SCBQB	DES18-B56D70SCBQB	DES18-C12D70SCBQT
Industrial Grade (-40°C ~ +85°C)	DES18-08GD70SWBQB	DES18-16GD70SWBQB	DES18-32GD70SWBQB	DES18-64GD70SWBQB	DES18-A28D70SWBQB	DES18-B56D70SWBQB	DES18-C12D70SWBQT

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