# FID 2.5"SATA SSD




## FEATURES

- Excellent data transfer speed
- Low power consumption
- S.M.A.R.T. & i-S.M.A.R.T. supported
- Intelligent system for error recovery
- Mechanical design for anti-vibration

R: 160MB W: 140MB | S.M.A.R.T | Wear Leveling | SATA II 3.0Gb | W/T 40°C~+85°C

## Specifications

| | |
|---|---|
| Connector Type | Standard 7+15 pin SATA connector |
| Flash Type | SLC (Single-Level Cell) |
| Density | 8GB, 16GB, 32GB, 64GB, 128GB |
| Interface | SATA II 3.0Gb |
| Sustained R/W Performance | Read：160 MB/sec (max.)<br>Write：140 MB/sec (max.) |

## Environmental

| | |
|---|---|
| DC Input | +5V DC ± 5% |
| Power consumption (Max.) | Read: 350 mA<br>Write: 400 mA<br>Idle: 150 mA |
| Operating Temperature | 0°C~+70°C (Standard Grade)<br>-40°C~+85°C (Industrial Grade) |
| Storage Temperature | -55°C~+95°C |
| Humidity | Relative Humidity: 10-95%, non-condensing |
| Flash Endurance | 100,000 program/erase cycles |
| MTBF | > 3,000,000 hours |
| Certification | CE, FCC, RoHS |
| Warranty | 5 years |

## Mechanicals

| | |
|---|---|
| Dimension (W x L x H) | 69.85x99.00.10x9.00 mm |
| Weight | 95g±5g |
| Vibration | 20G, 7 Hz to 2K Hz, , 3 axes |
| Shock | 1500G, Duration: 10ms, , 3 axes |

## Health monitoring Tool

| | |
|---|---|
| S.M.A.R.T. | Supported |
| i-S.M.A.R.T. | Supported (Utility for Windows, Linux) |

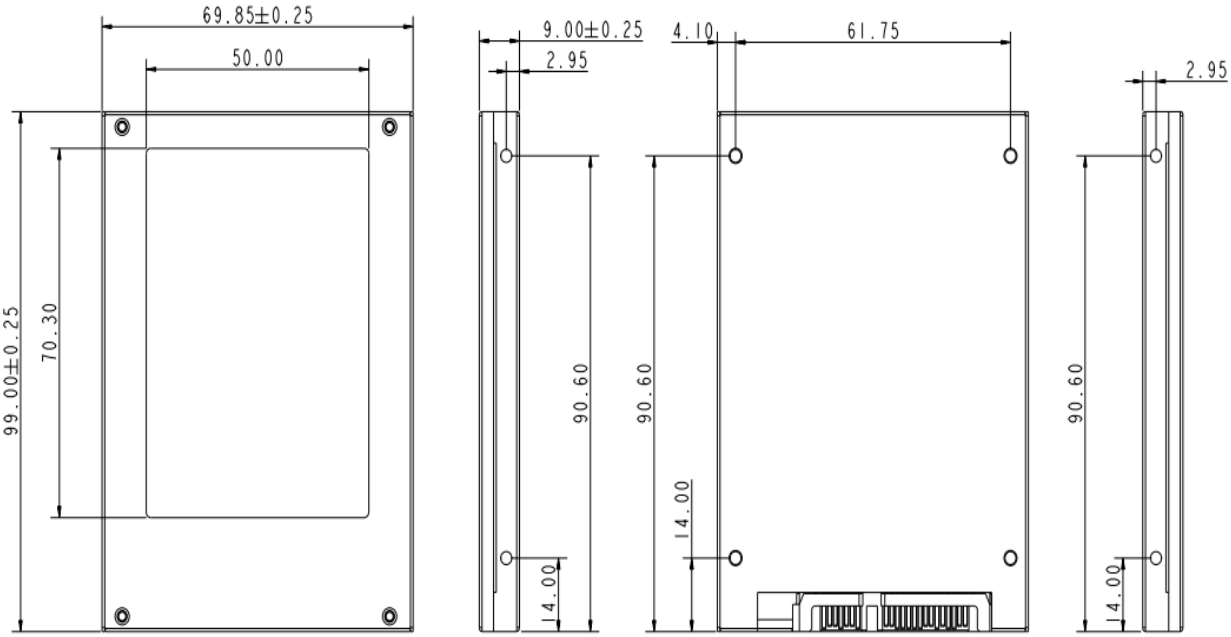
## Ordering Information

| Capacity | Standard Grade | Industrial Grade |
|---|---|---|
| 8GB | D2ST-08GJ13C1 | D2ST-08GJ13W1 |
| 16GB | D2ST-16GJ13C1 | D2ST-16GJ13W1 |
| 32GB | D2ST-32GJ13C1 | D2ST-32GJ13W1 |
| 64GB | D2ST-64GJ13C1 | D2ST-64GJ13W1 |
| 128GB | D2ST-A28J13C1 | D2ST-A28J13W1 |

DESIGN ◎ SERVICE ◎ QUALITY ◎ DELIVERY

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## Mechanical Dimension




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