FiD1.8” SATA SSD 2ME



Features

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

R:190MB/s W:130MB/s | SATA II 3Gb/s | ECC & Wear leveling
Thermal sensor | S.M.A.R.T | Micro SATA 7+9 pin

Specifications

Connector Type	Standard 7+9 pin Micro SATA connector
Flash Type	MLC (Multi Level Cell)
Density	16GB, 32GB, 64GB, 128GB,256GB
Interface	SATA II 3.0Gb
Sustained R/W Performance	Read：240 MB/sec (max.) Write：140MB/sec (max.)

Environmental

DC Input	+5V DC ± 5% / +3.3V DC ± 5%
Power consumption (Max.)	Read: 440 mA/590 mA Write: 530mA /670 mA Idle: 220 mA/260 mA
Operating Temperature	0^0C~+70^0C (Standard Grade)
Storage Temperature	-55^0C~+95^0C
Humidity	Relative Humidity: 10-95%, non-condensing
Flash Endurance	3,000 program/erase cycles
MTBF	> 3,000,000 hours
Certification	CE, FCC, RoHS
Warranty	2 years

Mechanicals

Dimension (W x L x H)	54.0 x 78.5 x 5.0 mm
Weight	60g±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)

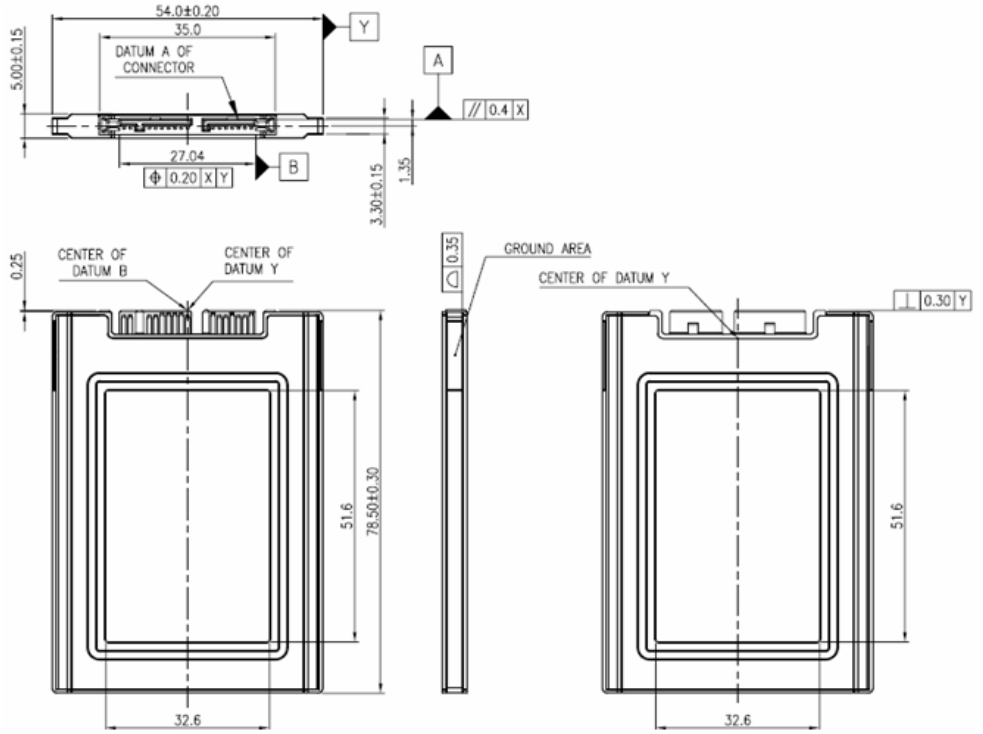
Ordering Information

Capacity	Standard Grade
16GB	DLS18-16GJ20AC1QN
32GB	DLS18-32GJ20AC1EN
64GB	DLS18-64GJ20AC1EN
128GB	DLS18-A28J20AC1EN
256GB	DLS18-B56J20AC1EN

DESIGN ◎ SERVICE ◎ QUALITY ◎ DELIVERY

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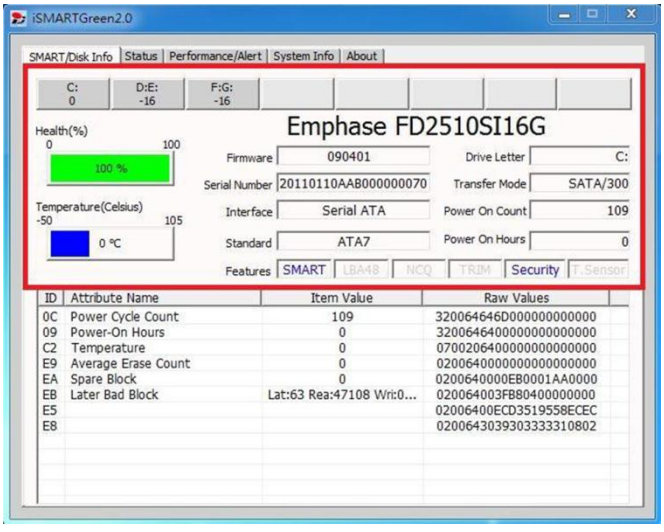
Mechanical Dimension



Integrated Thermal Sensor

As the speed of the SSD product get faster and faster, overall power consumption continues to increase. Accordingly, it brings a new concern: thermal management. The advantage of Thermal Sensor is that it will allow the SSD to either change the speed or throttle back on the flash accesses to allow the SSD to stay within temperature limits and prevent any reliability failures due to overheating.





DESIGN ◎ SERVICE ◎ QUALITY ◎ DELIVERY