Datasheet

Fire Shield SSD

- Compliant with MIL-STD-810-G
- NANDs can survive 800°C of direct fire burn for 30 minutes
- High Random R/W performance
- iSMART disk health monitoring
- Intelligent error recovery system
- Conformal coating
- Standard 3.5” HDD Design



Introduction

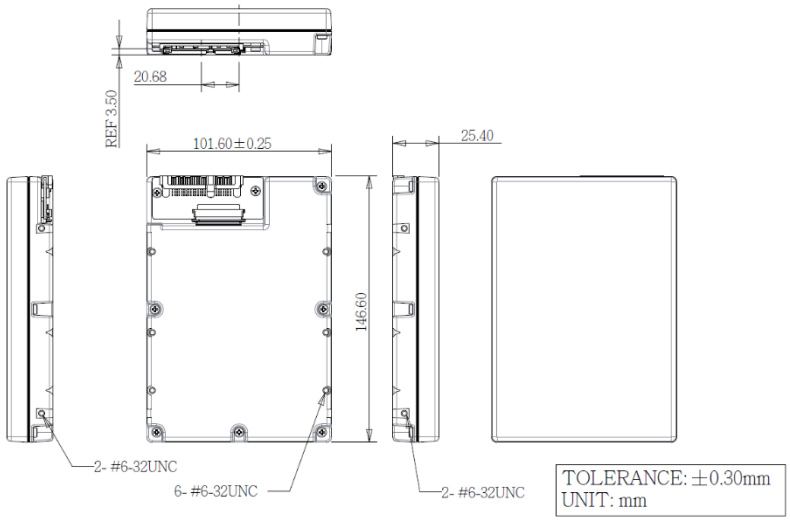
Innodisk’s 3.5” Fire Shield SSD is a fully fire-resistant Solid State Drive module. With its triple-layered protection design, the Fire Shield SSD can withstand direct flames at 800°C for up to 30 minutes. The Fire Shield SSD provides the toughest protection for your data in the face of devastating accidents. Also, as a SATA III 6.0Gb/s Flash-based disk, the Fire Shield SSD delivers excellent performance and reliability. The Fire Shield SSD is set to acquire compliance with MIL-STD-810G and IEC 62625-2:2016 code FB standards. It is developed with Innodisk proprietary technical knowhow to ensure data integrity and the highest levels of reliability.

3.5” Fire Shield SSD

Drawing

Contact us for more information about the 3.5” Fire Shield SSD

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//iSLC
Flash P/E Cycle Limit	SLC: 60,000 ; iSLC: 20,000
Capacity	8GB~128GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	520/360
Max. Power Consumption	1.1 W (5V x 220 mA)
Thermal Sensor	Supported
External DRAM Buffer	N/A
ATA Security	Supported
S.M.A.R.T.	Supported
Dimension (WxLxH)	146.00 X 101.60 X 25.40 mm
Environment	Vibration: MIL-STD-810G Method 516.7 Procedure I Fire Resistant: IEC 62625-2:2016 code FB Impact Shock: IEC 62625-2:2016 code SB Static Crush: IEC 62625-2:2016 code CB Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB	128GB
Standard Grade (0°C ~ +70°C)	T.B.D.				
Industrial Grade (-40°C ~ +85°C)					

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20190717

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