![Chipsmall logo]

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
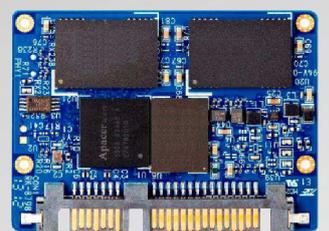Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

Apacer

The Most **Reliable**
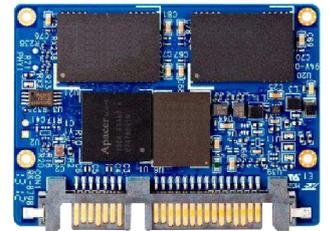## Storage For Industries

SFD18S6-M

Apacer

SFD18S6-M

Overview

Apacer's SFD18S6-M is a well-balanced solid-state disk (SSD) drive with compact form factor and great performance. Designed in SATA 6.0 Gbps interface, the SSD is able to deliver exceptional read/write speed, making it the ideal companion for heavy-loading industrial or server operations. For data efficiency, the internal controlling unit of the SSD is engineered with DRAM for enhanced random performance. In regard of reliability, the drive comes with various implementations including powerful hardware ECC engine, power saving modes, wear leveling, flash block management, S.M.A.R.T., TRIM, and power failure management.
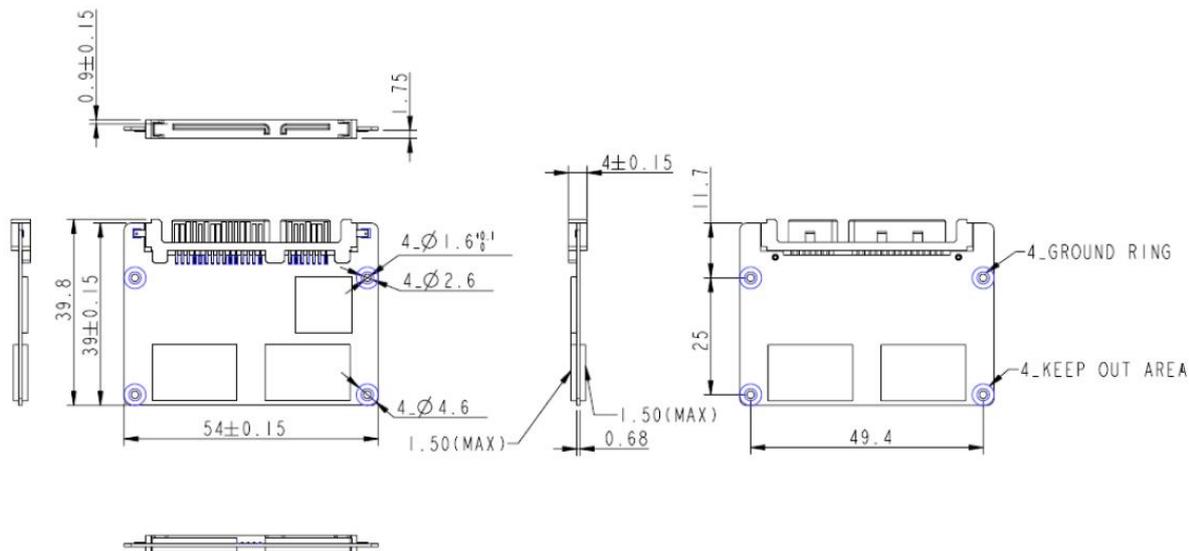
Feature

- Compliant with JEDEC MO-297 standard
- Global Wear-leveling and Block Management
- Built-in ATA Secure Erase and S.M.A.R.T. Functions
- TRIM Command Support
- DEVSLP Support (Optional)
- Power failure management

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Specifications

Model	SFD18S6-M
Interface	SATA 3.0 (6Gb/s)
Connector	(7+15) pin male
Form Factor	JEDEC (MO297)
NAND Flash Type	MLC
Capacity	32GB~512GB
External DRAM	Yes
Sustained Read Performance (MB/sec)	Up to 510
Sustained Write Performance (MB/sec)	Up to 355
ECC Engine	Built-in 40-bit per 1K bytes BCH ECC
Standard Operating Temperature (°C)	0 ~ + 70
Extended Operating Temperature (°C)	-40 ~ + 85
Storage Temperature (°C)	-40 ~ + 100
Thermal Sensor	Optional
Shock	1500G (complied with MIL-STD810)
Vibration	15G (complied with MIL-STD810)
Operating Voltage	5.0 V ± 5%
Power Consumption	Active mode: 870 mA & Idle mode: 110 mA
Dimension (L x W x H)	54 x 39.8 x 4 (mm)
MTBF (hours)	>1,000,000

Mechanical Specification

Unit: mm

For more information, contact your Apacer representative

Global Presence