



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!



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Apacer

The Most **Reliable**  
Storage For Industries



CFast 2H



## CFast 2H

### Overview

CFast 2H is the latest enhancement of conventional Cfast form factor that delivers various technological advantages. This new flash memory card comes with SATA 6.0 Gbps interface for higher performance and is compliant with standard Cfast specifications. Cfast 2H consists of SATA-based 7-pin signal segment and 17-pin for power and control purposes. It can offer moderate capacity and decent data transfer performance. For power efficiency, this new flash memory card leverages the technological benefits of SATA Revision 3.0 specifications. For data integrity, the Cfast card is built with ECC engine correcting up to 72-bit. Together with its small form factor nature, Apacer Cfast 2H is definitely the ideal solution for applications in industrial computing systems, mobile computers and video processing instruments.



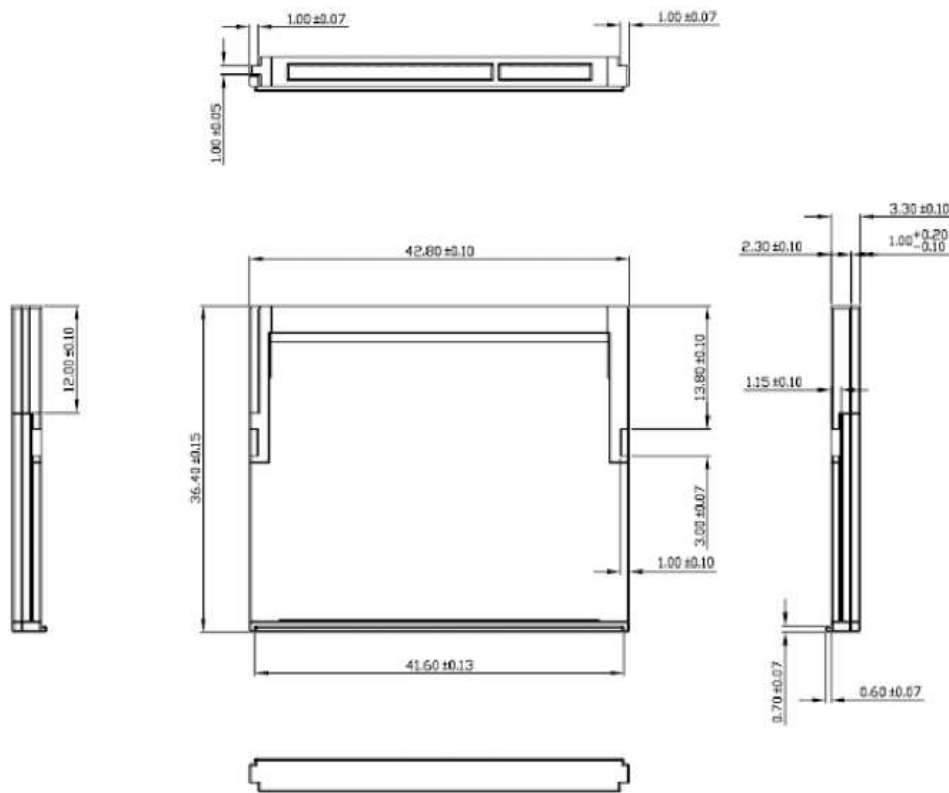
### Feature

- SATA 6.0 Gbps interface speed
- Built-in hardware ECC and S.M.A.R.T. Functions
- Static/dynamic wear-leveling and Block Management
- Power Failure Management
- DEVSLP Support

## Specifications

<b>Model</b>	CFast 2H
<b>Interface</b>	SATA 3.0 (6Gb/s)
<b>Connector</b>	(7+17) pin male
<b>Form Factor</b>	CFast 3.0
<b>Operation Mode</b>	NULL
<b>Transfer Mode</b>	NULL
<b>NAND Flash Type</b>	SLC
<b>Capacity</b>	2GB~64GB
<b>External DRAM</b>	NA
<b>Sustained Read Performance (MB/sec)</b>	Up to 515
<b>Sustained Write Performance (MB/sec)</b>	Up to 145
<b>ECC Engine</b>	Built-in 72-bit per 1K bytes BCH ECC
<b>Standard Operating Temperature ( °C )</b>	0 ~ + 70
<b>Extended Operating Temperature ( °C )</b>	-40 ~ + 85
<b>Storage Temperature ( °C )</b>	-40 ~ + 85
<b>Shock</b>	Operating Shock: 50G, 11ms Non-operating Shock: 1500G, 0.5ms)
<b>Vibration</b>	Operating Vibration: 7.69 Grms, 20~2000 Hz/random (compliant with MIL-STD-810G) Non-operating Vibration: 15 Grms, 10~2000 Hz/sine (compliant with MIL-STD-810G)
<b>Operating Voltage</b>	3.3 V ± 5%
<b>Power Consumption</b>	Active mode: 540 mA & Idle mode: 85 mA
<b>Dimension (L x W x H )</b>	42.8 x 36.4 x 3.6 (mm)
<b>MTBF (hours)</b>	>2,000,000

## Mechanical Specification



Unit: mm

For more information, contact your Apacer representative

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