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The Most **Reliable**
Storage For Industries

CFast 2H

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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.
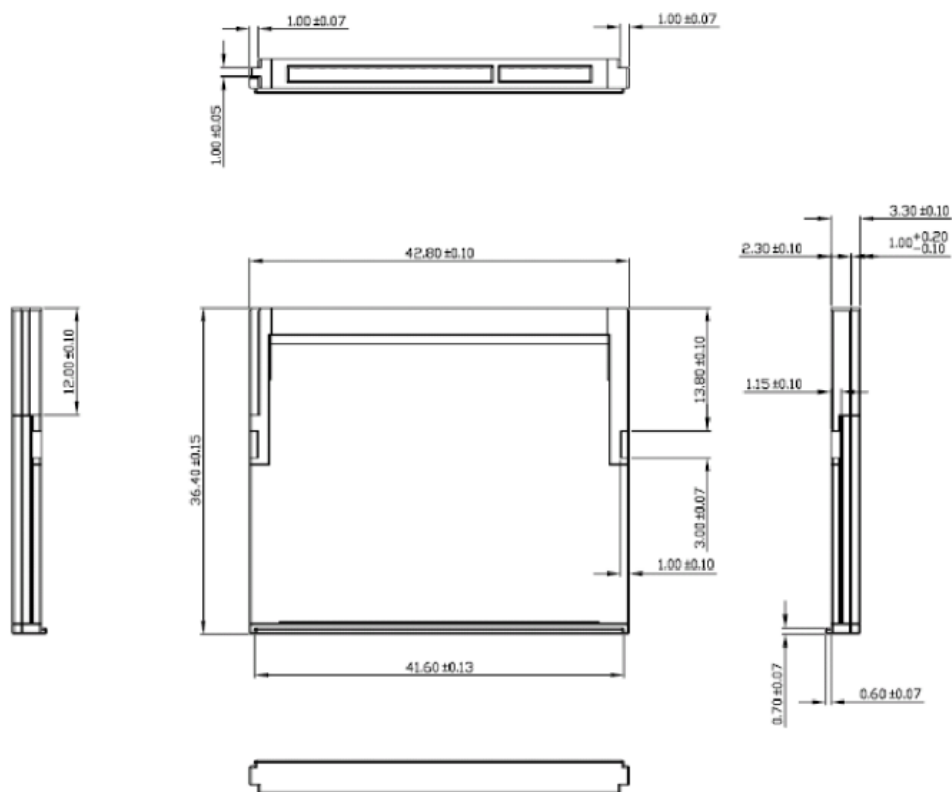
Feature

- 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

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Specifications

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

Mechanical Specification

Unit: mm

For more information, contact your Apacer representative