Apacer

The Most **Reliable**
Storage For Industries

SS220-CFast

SS220-CFast

Overview

Featuring CorePower technology, Apacer's SS220-CFast is a well-balanced CFast card with compact form factor and great performance.

This new flash memory card comes with SATA 6.0 Gbps interface for higher performance and is compliant with standard SS220-CFast specifications. SS220-CFast 2.0 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 3.1 specifications, including Device Sleep. That will greatly reduce power consumption when the device is not in operating mode. For data integrity, the SS220-CFast card is built with ECC engine correcting up to 40-bit.

Together with its small form factor nature, Apacer SS220-CFast 2.0 is definitely the ideal solution to replace conventional PATA-based CompactFlash for applications in industrial computing systems, mobile computers and video processing instruments.
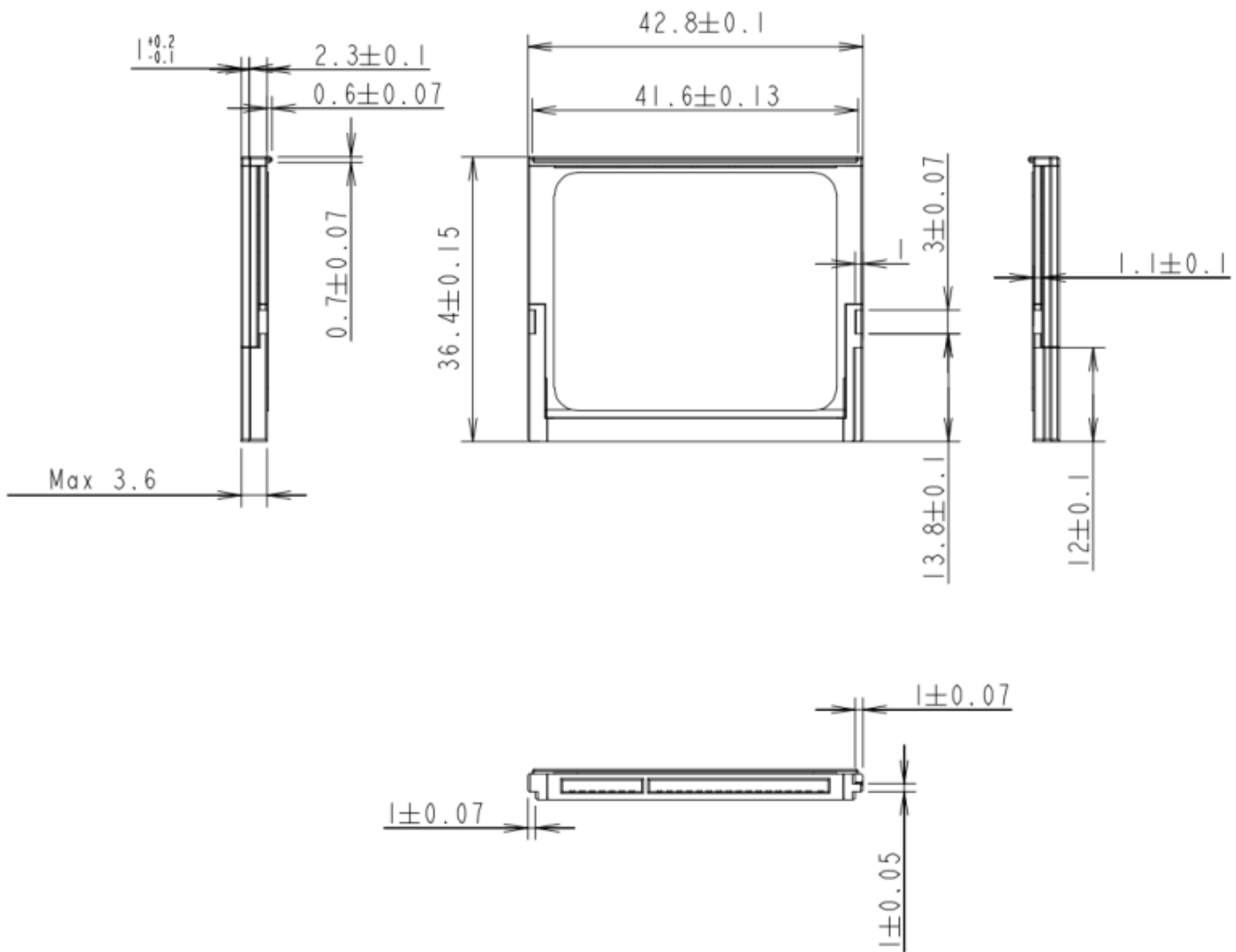
SS220-CFast

Feature

- Built-in hardware ECC

- Static/dynamic wear-leveling

- Flash bad-block management

- S.M.A.R.T.

- Power Failure Management

- ATA secure erase

- TRIM

Specifications

Model	SS220-CFast
Interface	SATA 3.0 (6Gb/s)
Connector	(7+17) pin male
Form Factor	CFast
NAND Flash Type	SLC
Capacity	8GB~64GB
External DRAM	YES
Sustained Read Performance (MB/sec)	Up to 520
Sustained Write Performance (MB/sec)	Up to 455
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
Housing	YES
H/W Write Protect	YES
Shock	50G (complied with MIL-STD810)
Vibration	15G (complied with MIL-STD810)
Operating Voltage	3.3V ± 5%
Power Consumption	Active mode: 570 mA / Idle mode: 75 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

Global Presence