Industrial CFast Card

CFXXXXXR3-XXXXXXXX

Datasheet

1. Description

CFXXXXXXR3-XXXXXXXX series is CFast Card based on FLASH memory controller technology. This card complies with CFast_ specification; it is suitable for the usage of data storage memory for PC or other electric equipment and digital still camera. This card is equipped with NAND flash memory.
The Host system which is connected to Industrial CFast Card should meet system requirements at minimum.
The CFC setting to Fixed or Removable mode will no any function different or issue.

2. Features

- ■ Flash memory card capacity support list below:

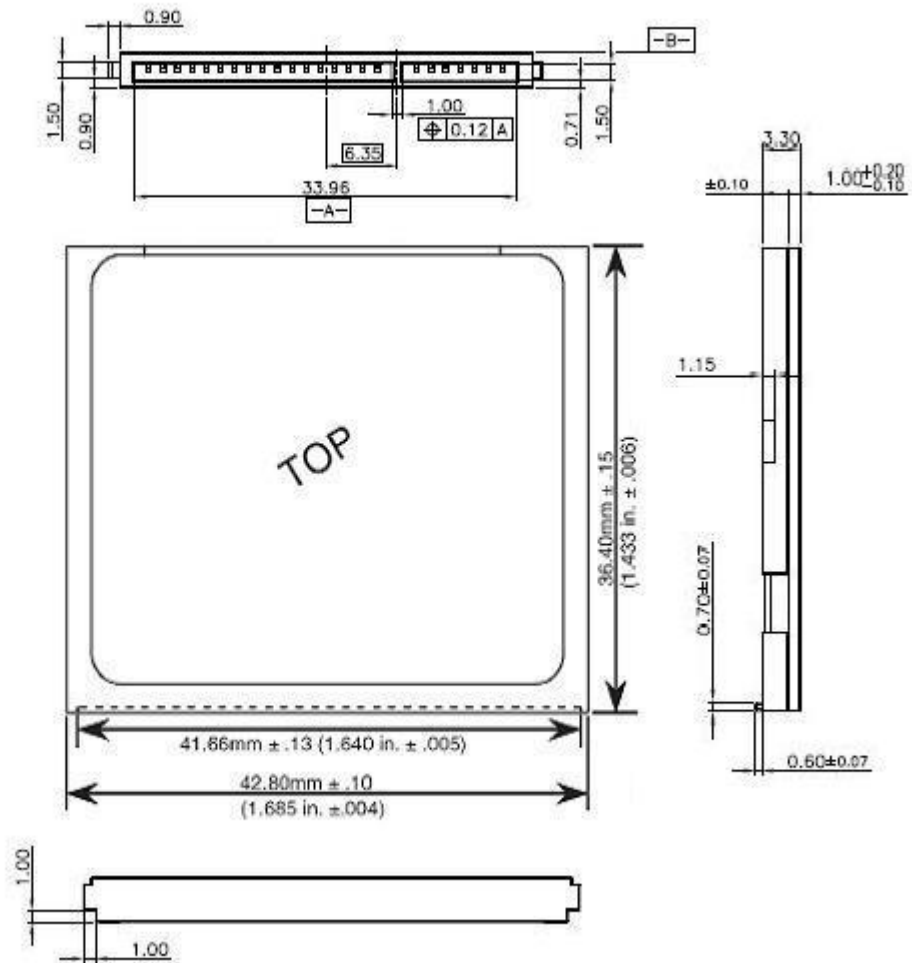- ➢ 1GB
- ➢ 2GB
- ➢ 4GB
- ➢ 8GB
- ➢ 16GB
- ➢ 32GB
  - ■ High performance and reliability
  - ■ Noiseless and stable installation to system
  - ■ Operating voltage only 3.3V operation
  - ■ Operating as Boot Disk
  - ■ Code Storage Device for Embeded Operating System
  - ■ RoHS compliant
  - ■ CFast Specification Version 1.0 Compliant
  - ■ Power Supply: 3.3V±5%
  - ■ Built-in 8-bit/512Byte ECC (Error Correction Code)   functionality ensures highly reliable of data transfer.
  - ■ Global wear-leveling algorithm eliminate excessive write operation and extends product life.
  - ■ Suppot StaticDataRefresh & EarlyRetirement technology to monitor error bit level and react before data is corrupted.
  - ■ Support S.M.A.R.T (Self-defined)
  - ■ Support Security Command
  - ■ Fully compatible with devices and OS that support the SATA 3Gb/s standard
  - ■ Non-volatile SLC Flash Memory for outstanding data retention
  - ■ Durability of Connector: 10,000 times
  - ■ Operation Temperature range:
    Normal Temp: 0 to 70 ℃. Storage Temperature range: -40 to 85 ℃.
    Wide-Temp:-40 to 85 ℃. Storage Temperature range: -40 to 85 ℃.

V1.0

- Humidity (Non condensation): 0% to 95%
- Read: Up to 100.0 MB/sec(Max.)
- Write: Up to 90.0 MB/sec(Max.)

V1.0

6.Physical outline

V1.0

7. Ordering Information

P/N	Capacty(Max)	Remark
CFC001GR3-B104A001	1G	Normal
CFC002GR3-B204A001	2G	
CFC004GR3-B304A001	4G	
CFC008GR3-B404A001	8G	
CFC016GR3-E504A002	16G	
CFC032GR3-E604A002	32G	
CFI001GR3-B105A004	1G	Wide-Temp
CFI002GR3-B205A004	2G	
CFI004GR3-B305A004	4G	
CFI008GR3-B405A004	8G	

V1.0