



CFast 3IE7

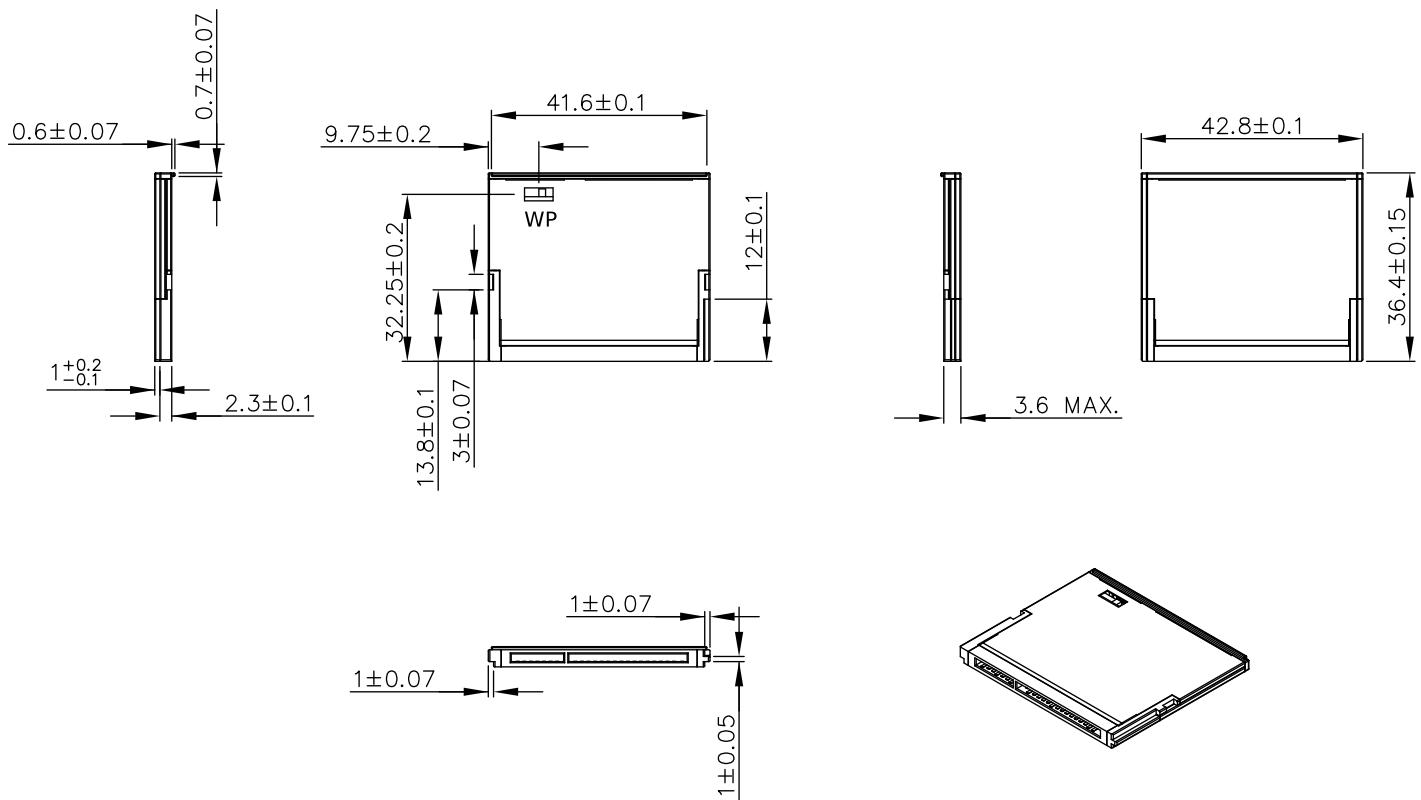
HIGHLIGHT FEATURES

- Up to 100K P/E cycle, extending the lifespan by 33x
- Equipped with 112-layer 3D TLC NAND Flash
- Utilizes Ultra iSLC Technology
- Supports temperatures -40°C to 85°C
- 5-year warranty

SPECIFICATIONS

| | |
|--|-------------------|
| Model Name | CFast 3IE7 |
| Flash Type | iSLC (3D TLC) |
| Interface | SATA III 6.0 Gb/s |
| Form Factor | CFast 2.0 |
| Capacity | 20GB ~ 320GB |
| Sequential R / W (MB/sec, max.) | 550 / 520 |
| P/E Cycle | 30,000 / 100,000 |
| TBW (Max.) | 20,000 |
| Storage Temperature | -40°C ~ 85°C |
| Max. Power Consumption | 2.0W |
| Max. Channels | 4 |
| External DRAM Buffer | N |
| H/W Write Protect | Y |
| S.M.A.R.T. | Y |
| AES | Y (Optional) |
| TCG Opal | N |
| Dimension (W x L x H/mm) | 42.8 x 36.4 x 3.6 |
| Vibration | 20G@[7 ~ 2000Hz] |
| Shock | 1500G@0.5ms |
| MTBF | >3 million hours |
| Warranty | 5 Years |

DIAGRAM



ORDER INFO.

| Operating Temperature | Standard Grade (0°C ~ 70°C) | Industrial Grade (-40°C ~ 85°C) |
|-----------------------|-----------------------------|---------------------------------|
| 20GB | DHCFA-20GDK1%C*&L(W) | DHCFA-20GDK1%W*&L(W) |
| 40GB | DHCFA-40GDK1%C*&L(W) | DHCFA-40GDK1%W*&L(W) |
| 80GB | DHCFA-80GDK1%C*QL(W) | DHCFA-80GDK1%W*QL(W) |
| 160GB | DHCFA-A60DK1%C*QL(W) | DHCFA-A60DK1%W*QL(W) |
| 320GB | DHCFA-D2GDK1%C*Q#(W) | DHCFA-D2GDK1%W*Q#(W) |

W. H/W Write Protect

% E: 64 layers 3D TLC / K: 112 layers 3D TLC

*. PCB version control

& S: 1 channel / D: 2 channels / Q: 4 channels

#. L: Innodisk Marking; Q: Original Marking

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