

CFast 3IE7

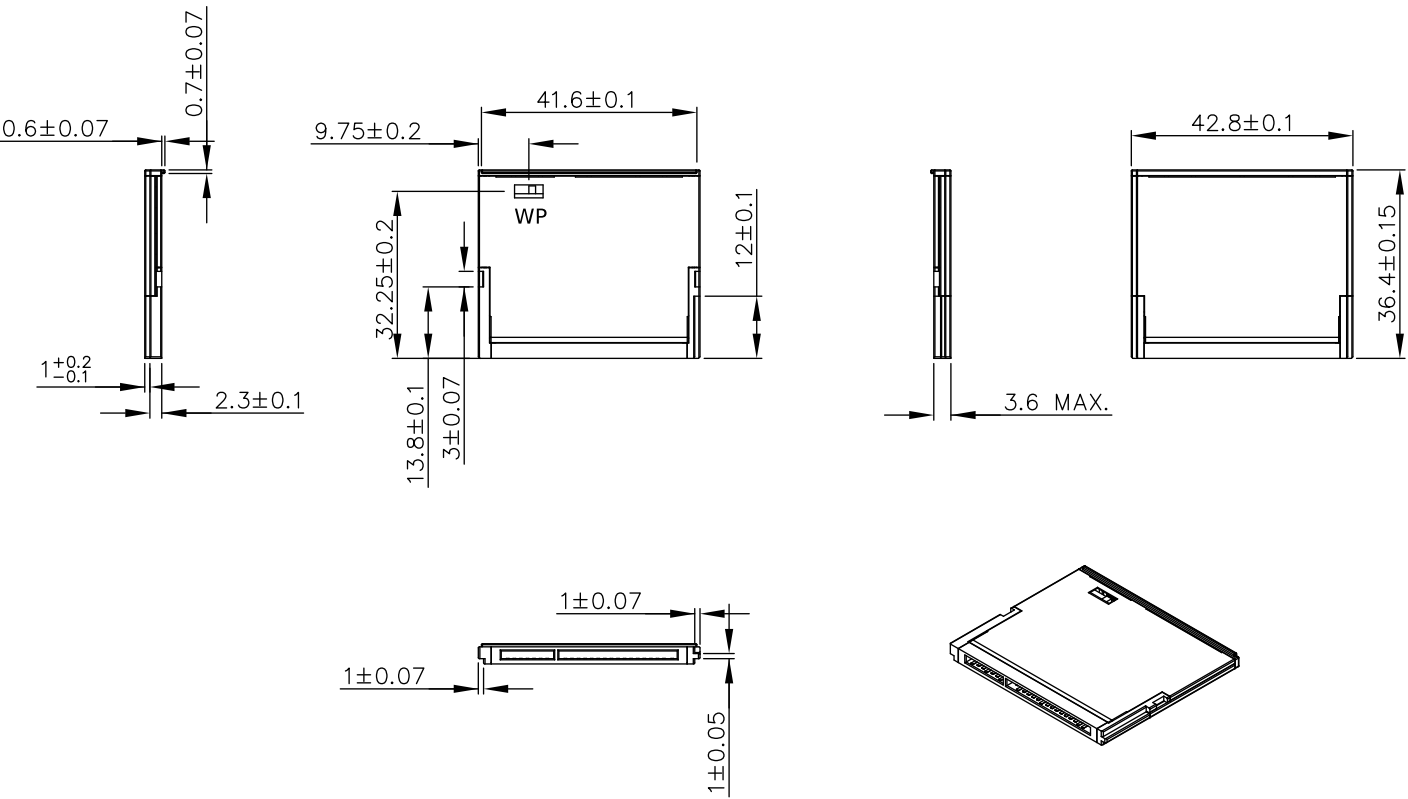
HIGHLIGHT FEATURES

- 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.)	560 / 500
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*&F(W)	DHCFA-20GDK1%W*&F(W)
40GB	DHCFA-40GDK1%C*&F(W)	DHCFA-40GDK1%W*&F(W)
80GB	DHCFA-80GDK1%C*QF(W)	DHCFA-80GDK1%W*QF(W)
160GB	DHCFA-A60DK1%C*QF(W)	DHCFA-A60DK1%W*QF(W)
320GB	DHCFA-D2GDK1%C*QF(W)	DHCFA-D2GDK1%W*QF(W)

(W). H/W Write Protect (Optional)
%. E : 64 layers 3D TLC / K : 112 layers 3D TLC
*. PCB version control
&. S : 1 channel / D : 2 channels / Q : 4 channels

