Datasheet

CFast
3MG2-P series

- SATA III solution for industrial field
- High Sequential/IOPS performance
- Intelligent error recovery system
- iSMART for disk health monitoring
- iData Guard for abnormal power failure
- Wide Temperature: -40℃~85 ℃
- Supports TRIM/NCQ/SMART
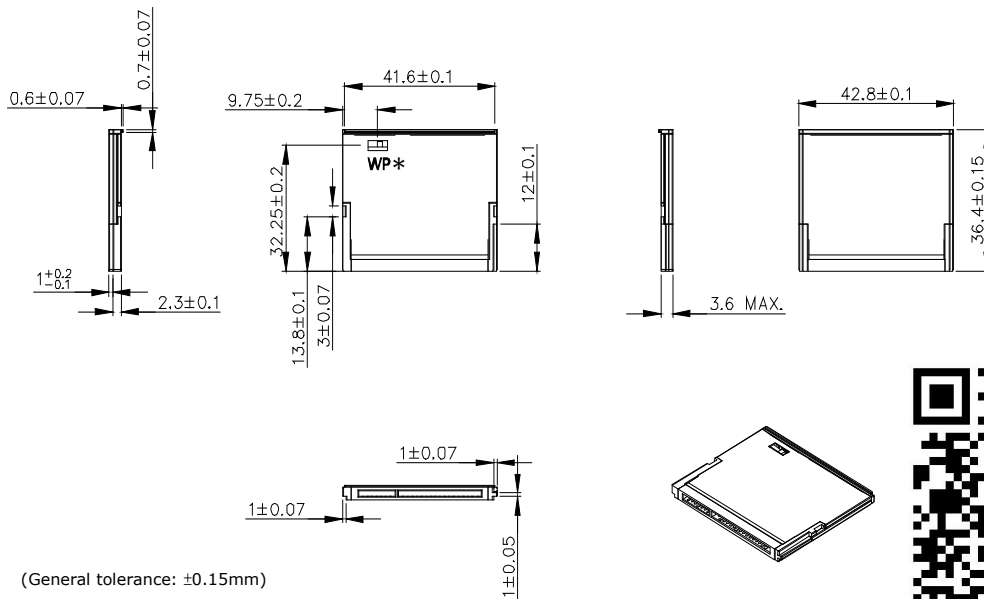- DEVSLP supported

Introduction

Innodisk CFast 3MG2-P is SATA III 6Gb/s flash based disk, which delivers excellent performance, especially in random data transfer rate, and which offers reliability making it the ideal solution for a variety of applications, including embedded system, industrial computing, and enterprise field. CFast 3MG2-P not only performs unmatched performance, but also designed with Innodisk owned technical knowhow to ensure the data integrity and highest levels of reliability.

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3MG2-P series

Drawing

(General tolerance: ±0.15mm)

Specifications

Interface	SATA III
Flash Type	MLC
Capacity	32GB~256GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	560/350
Max. Power Consumption	2.5W(3.3V x 760 mA)
Thermal Sensor	ST- default / WT- default
External DRAM Buffer	Yes
H/W Write Protect	Optional*
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	42.8X 36.4 X 3.6 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

Ordering Information

Operation Temp.	32GB	64GB	128GB	256GB
Standard Grade (0°C ~ +70°C)	DGCFA-32GD81BCADC(W)	DGCFA-64GD81BCAQC(W)	DGCFA-A28D81BCAQC(W)	DGCFA-B56D81BCAQC(W)
Industrial Grade (-40°C ~+85°C)	DGCFA-32GD81BWADC(W)	DGCFA-64GD81BWAQC(W)	DGCFA-A28D81BWAQC(W)	DGCFA-B56D81BWAQC(W)

*H/W write protect function is optional.
(For the write protect demand, please place the order by PN: DGCFA-xxxD81BxAxC**W**)
*D: Dual channel / Q: Qual channel

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