

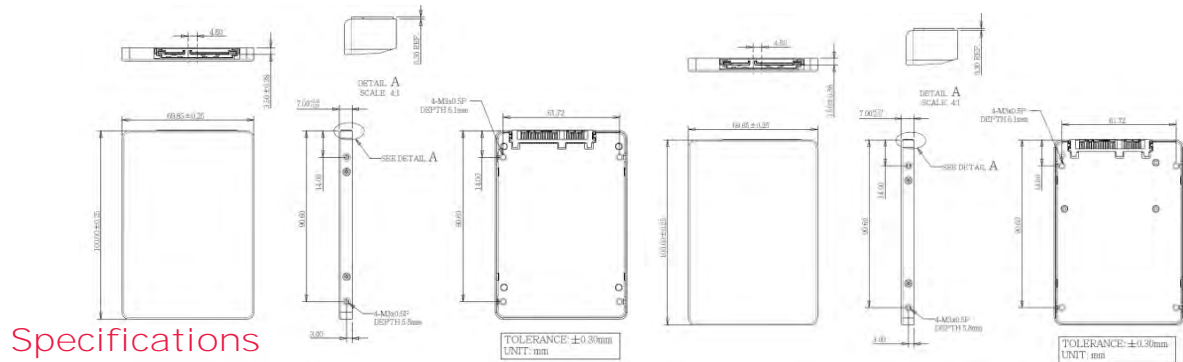
2.5" SATA SSD

31E7 series

Diagram

* DHS25-XXXDK1EXXF(320GB)

* DHS25-XXXDK1EXXF(20GB~160GB)



Specifications

Interface	SATA III
Flash Type	iSLC (3D TLC)
Capacity	20GB~320GB
Max. Channels	4
Sequential R/W (MB/sec, max.)*	540 / 510 MB/s
4KB Random (QD32) R/W (IOPS)**	87,000/75,000
Max. Power Consumption	3.05 W
Thermal Sensor	✓
External DRAM Buffer	-
H/W Write Protect	-
ATA Security	✓
S.M.A.R.T.	✓
Dimension (WxLxH)	69.8 X 100.0 X 6.8 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -40°C ~ +85°C MTBF: 3 million hours
* Sequential performance based on CystalDiskMark 5.1.2 with file size 1000MB of Queue Depth 32	

Ordering Information (Please refer to TPS for detail)

Operation Temp.	20GB	40GB	80GB	160GB	320GB
Standard Grade (0°C ~ +70°C)	DHS25-20GDK1EC3DF	DHS25-40GDK1EC3QF	DHS25-80GDK1EC3QF	DHS25-A60DK1EC3QF	DHS25-D2GDK1EC10F
Industrial Grade (-40°C ~ +85°C)	DHS25-20GDK1EW3DF	DHS25-40GDK1EW3QF	DHS25-80GDK1EW3QF	DHS25-A60DK1EW3QF	DHS25-D2GDK1EW10F