

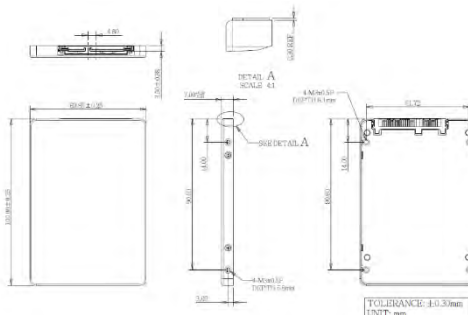
2.5" SATA SSD

3TS6-P series



Drawing

DSS25-XXXM71XXXXFP



Specifications

Interface	SATA III
Flash Type	3D TLC
Capacity	200GB~3.2TB
Max. Channels	4
Sequential R/W (MB/sec, max.)*	510 / 460 MB/s
4KB Random (OD32) R/W (IOPS)*	84000 / 58000
Max. Power Consumption	5.0 W
Thermal Sensor	√
External DRAM Buffer	√
AES encryption	Optional
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	69.8 X 100.0 X 7.0 mm ³ (128GB ~ 4TB, Single Board) 69.8 X 100.0 X 9.5 mm ³ (4TB/8TB, Dual Board)
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -40°C ~ +85°C MTBF: 3 million hours

* Sequential performance based on CrystalDiskMark 6.0.2 with file size 1000MB of Queue Depth 32

Ordering Information (Please refer to TPS for detail)

Operation Temp.	200GB	400GB	800GB	1.6TB	3.2TB
Standard Grade (0°C ~ +70°C)	DSS25-200M71KCADFP	DSS25-400M71KCAQFP	DSS25-800M71KCAQFP	DSS25-1T6M71KCAQFP	DSS25-3T2M71KCAQFP