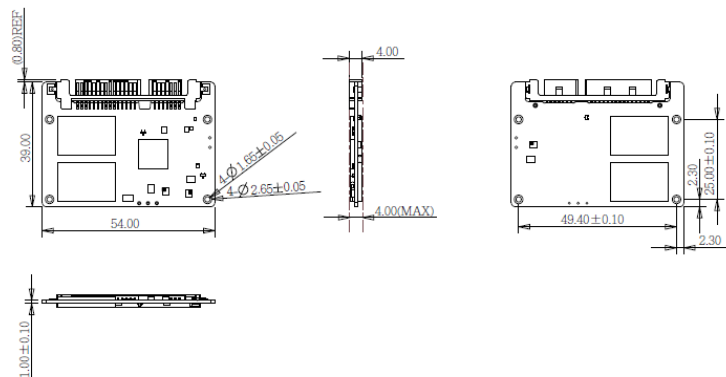


# SATA Slim

## 3TE7 series

### Diagram



TOLERANCE: ±0.15  
UNIT: mm

### Specifications

Interface	SATA III
Flash Type	3D TLC
Capacity	32GB~2TB
Max. Channels	4
Sequential R/W (MB/sec, max.)*	540 / 510 MB/s
4KB Random (QD32) R/W (IOPS)**	82,000/70,000
Max. Power Consumption	3.8 W
Thermal Sensor	✓
H/W Write Protect	Optional
ATA Security	✓
S.M.A.R.T.	✓
Dimension (WxLxH)	54.0 X 39.0 X 4.0 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours
* Performance based on CrystalDiskMark 3.01 with file size 1000MB	

### Ordering Information (Please refer to TPS for detail)

Operation Temp.	32GB	64GB	128GB	256GB	512GB	1TB	2TB
Standard Grade (0°C ~ +70°C)	DESLM-32GDK1EC1SF	DESLM-64GDK1EC1DF	DESLM-A28DK1*C**Q F	DESLM-B56DK1*C**Q F	DESLM-C12DK1*C**Q F	DESLM-01TDK1*CAQF	DESLM-02TDK1GCAQF
Industrial Grade (-40°C ~ +85°C)	DESLM-32GDK1EW1S F	DESLM-64GDK1EW1D F	DESLM-A28DK1EW1Q F	DESLM-B56DK1EW1Q F	DESLM-C12DK1EW1Q F	DESLM-01TDK1EWAQ F	-----

\*. E: 64 layers 3D TLC; G: 96 layers 3D TLC  
\*\*. 1/A: PCB Version