



SATA Slim 3TE7

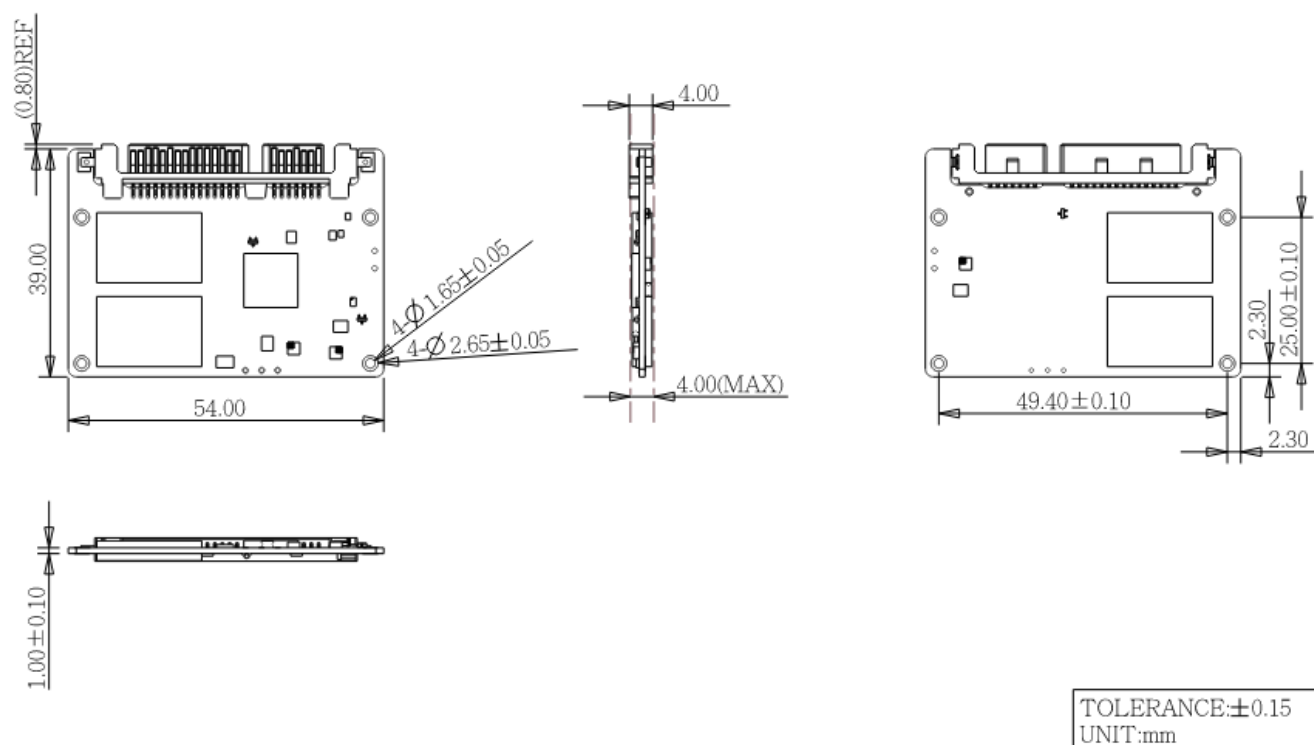
HIGHLIGHT FEATURES

- SATA III solution for industrial field
- Supports TRIM / NCQ / S.M.A.R.T.
- iPower Guard for unstable start up and shut down.
- iData Guard for abnormal power failure

SPECIFICATIONS

Model Name	SATA Slim 3TE7
Flash Type	3D TLC
Interface	SATA III 6.0 Gb/s
Form Factor	MO-297
Capacity	32GB ~ 2TB
Sequential R / W (MB/sec, max.)	550 / 510
P/E Cycle	3,000
TBW (Max.)	2,400
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	2.3W
Max. Channels	4
External DRAM Buffer	N
H/W Write Protect	Optional
S.M.A.R.T.	Y
AES	N
TCG Opal	N
Dimension (W x L x H/mm)	54.0 x 39.0 x 4.0
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	3 Years

DIAGRAM



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
32GB	DESLM-32GDK1EC1SF	DESLM-32GDK1EW1SF
64GB	DESLM-64GDK1EC*&F	DESLM-64GDK1%W*&F
128GB	DESLM-A28DK1%C*&F	DESLM-A28DK1%W*&F
256GB	DESLM-B56DK1%C*QF	DESLM-B56DK1%W*QF
512GB	DESLM-C12DK1%C*QF	DESLM-C12DK1%W*QF
1TB	DESLM-01TDK1%C*QF	DESLM-01TDK1%W*QF
2TB	DESLM-02TDK1KCAQF	DESLM-02TDK1KWAQF

%: E: 64 layers 3D TLC / K: 112 layers 3D TLC

*: PCB version control

&: S: 1 channel; D: 2 channels; Q: 4 channels