



mSATA 3TEB

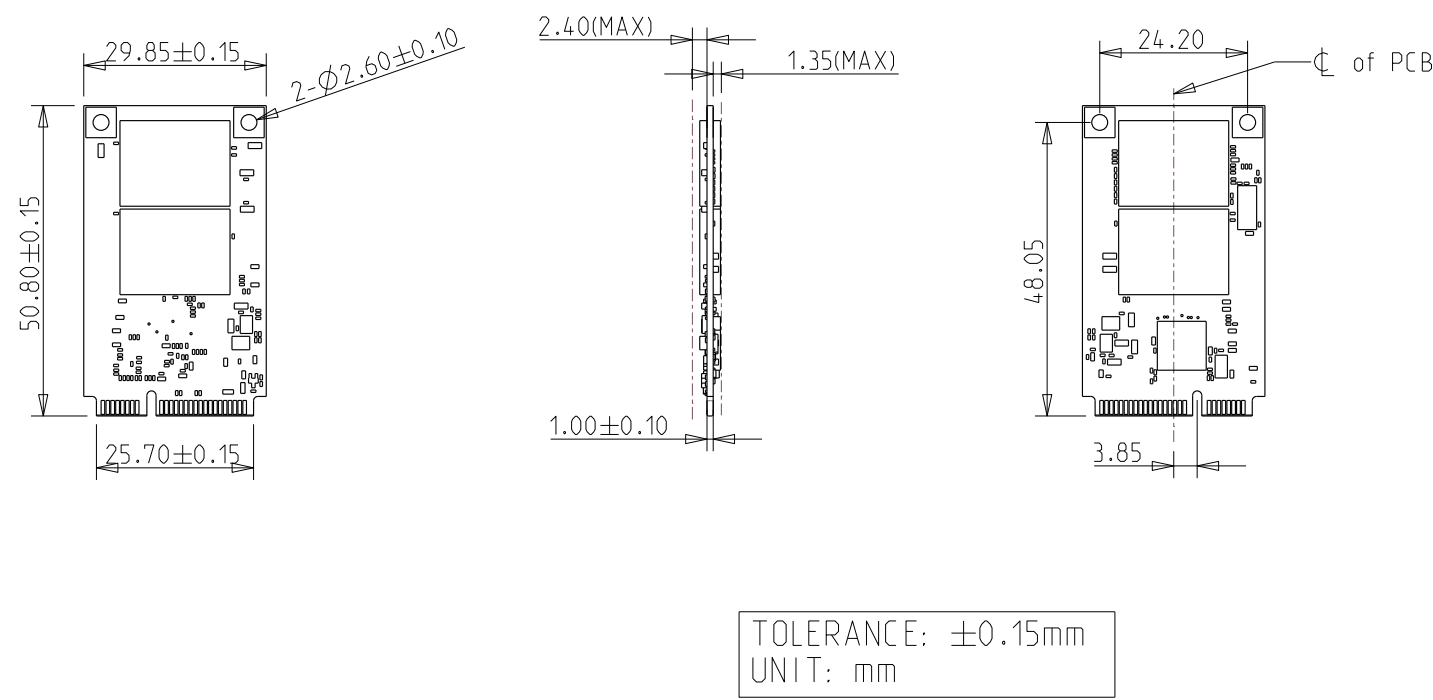
HIGHLIGHT FEATURES

- mSATA SATA III solution for industrial field
- High IOPS
- iSMART disk health monitoring
- iPower Guard for protecting unstable start up and shut down.
- iData Guard for abnormal power failure

SPECIFICATIONS

Model Name	mSATA 3TEB
Flash Type	3D TLC
Interface	SATA III 6.0 Gb/s
Form Factor	MO-300
Capacity	64GB ~ 1TB
Sequential R / W (MB/sec, max.)	560 / 480
P/E Cycle	3,000
TBW (Max.)	900
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	1.3W
Max. Channels	2
External DRAM Buffer	N
H/W Write Protect	N
S.M.A.R.T.	Y
AES	N
TCG Opal	N
Dimension (W x L x H/mm)	29.85 x 50.8 x 4.75
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)
64GB	-	DEMSR-64GIC1KWASF
128GB	DEMSR-A28IC1KCADF	DEMSR-A28IC1KWADF
256GB	DEMSR-B56IC1KCADF	DEMSR-B56IC1KWADF
512GB	DEMSR-C12IC1KCADF	DEMSR-C12IC1KWADF
1TB	DEMSR-01TIC1KCADF	DEMSR-01TIC1KWADF