



mSATA 3TG6-P

HIGHLIGHT FEATURES

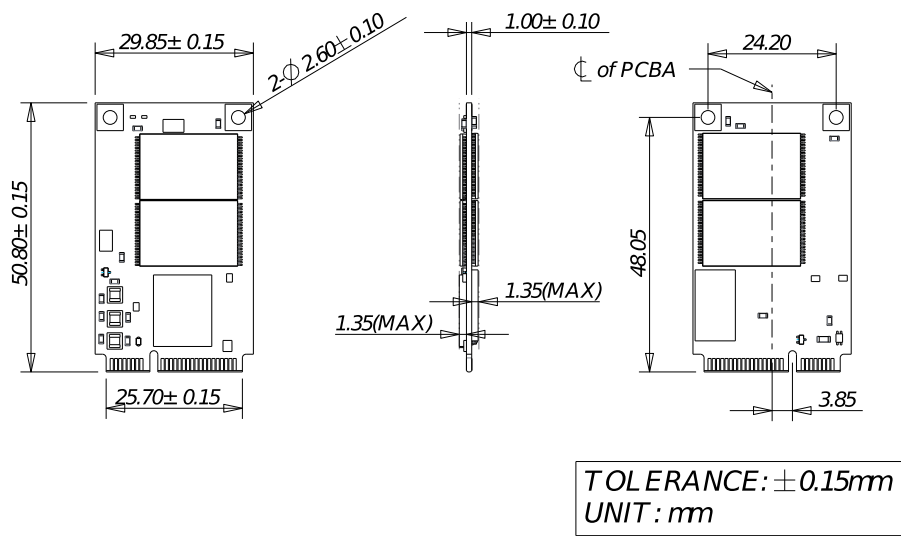
- SATA III solution for industrial field
- High IOPS
- iSMART disk health monitoring
- End to end data path protection
- iData Guard for abnormal power failure
- DEVSLP supported

SPECIFICATIONS

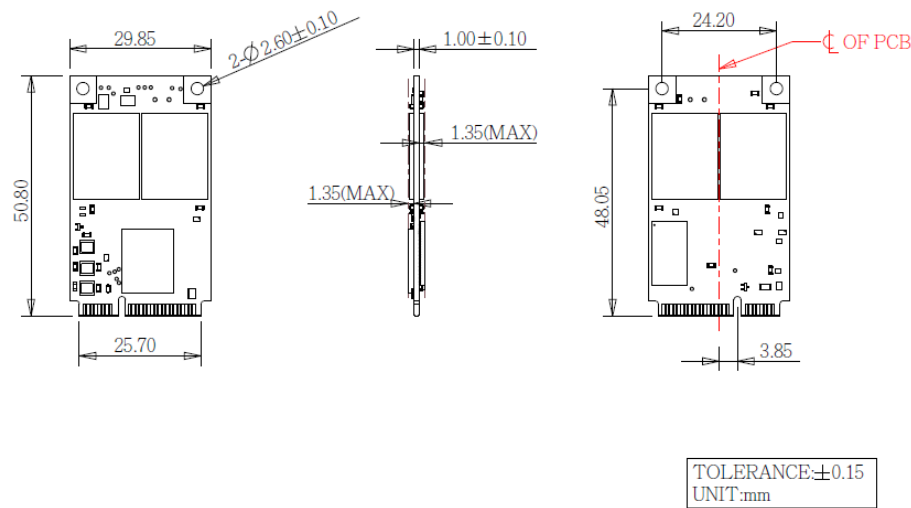
Model Name	mSATA 3TG6-P
Flash Type	3D TLC
Interface	SATA III 6.0 Gb/s
Form Factor	mSATA
Capacity	128GB ~ 2TB
Sequential R / W (MB/sec, max.)	560 / 420
P/E Cycle	3,000
TBW (Max.)	4,615
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	3.2W
Max. Channels	4
External DRAM Buffer	Y
H/W Write Protect	N
S.M.A.R.T.	Y
AES	Y (Optional)
TCG Opal	Y (Optional)
Dimension (W x L x H/mm)	29.85 x 50.80 x 3.7
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	3 Years

DIAGRAM

TSOP



BGA



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
128GB	DGMSR-A28M71%C*&L	-
256GB	DGMSR-B56M71%C*&L	DGMSR-B56M71GW*QL
512GB	DGMSR-C12M71%C*QL	DGMSR-C12M71GW*QL
1TB	DGMSR-01TM71%C*QL	DGMSR-01TM71GW*QL
2TB	DGMSR-02TM71%C*Q\$	DGMSR-02TM71GW*QQ

%: G: 96 layers 3D TLC; K: 112 layers 3D TLC
*: PCB version
&: D: 2 channels; Q: 4 channels
\$: Flash config.

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