



2.5" SATA SSD 3MG2-P

HIGHLIGHT FEATURES

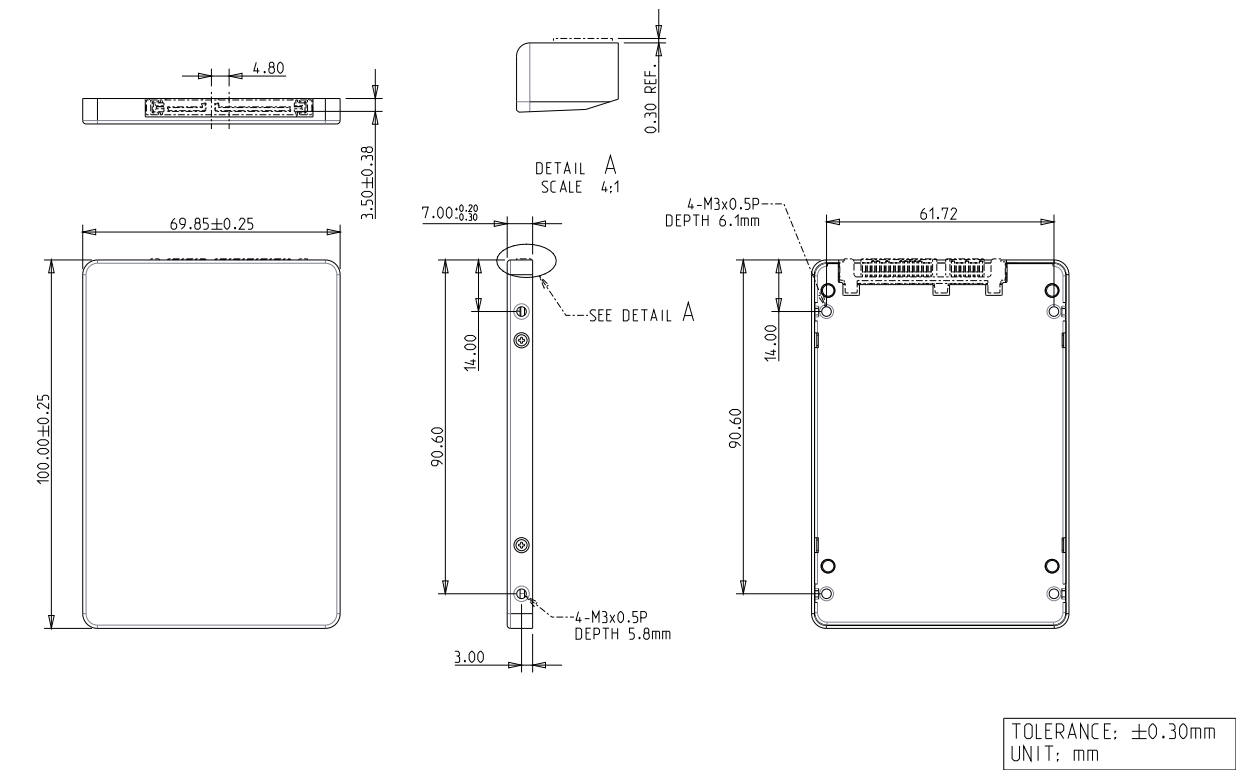
- 2.5" SATA III SSD solution for industrial field
- High IOPS
- Intelligent error recovery system
- iSMART disk health monitoring
- iData Guard for abnormal power failure
- PLP (iCell) technology for data protection (optional)
- Supports wide temperature from -40°C to 85°C

SPECIFICATIONS

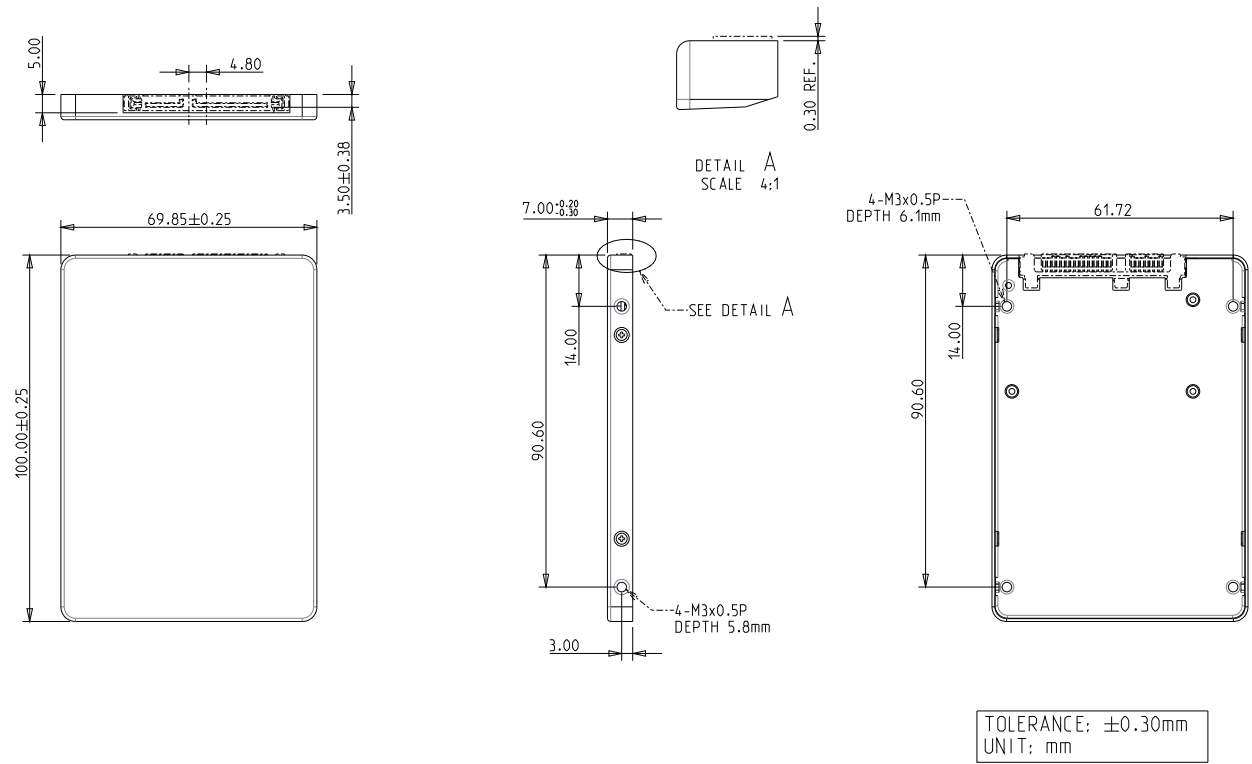
Model Name	2.5" SATA SSD 3MG2-P
Flash Type	MLC
Interface	SATA III 6.0 Gb/s
Form Factor	2.5" SSD
Capacity	8GB ~ 2TB
Sequential R / W (MB/sec, max.)	520 / 450
P/E Cycle	3,000
TBW (Max.)	2,344
Storage Temperature	-55°C ~ 95°C
Max. Power Consumption	6W
Max. Channels	4
External DRAM Buffer	Y
H/W Write Protect	N
S.M.A.R.T.	Y
AES	Y
TCG Opal	Y
Dimension (W x L x H/mm)	8GB ~ 1TB : 69.85 x 100.0 x 6.9 2TB : 69.85 x 100.0 x 9.5
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	3 Years

DIAGRAM

Full PCB

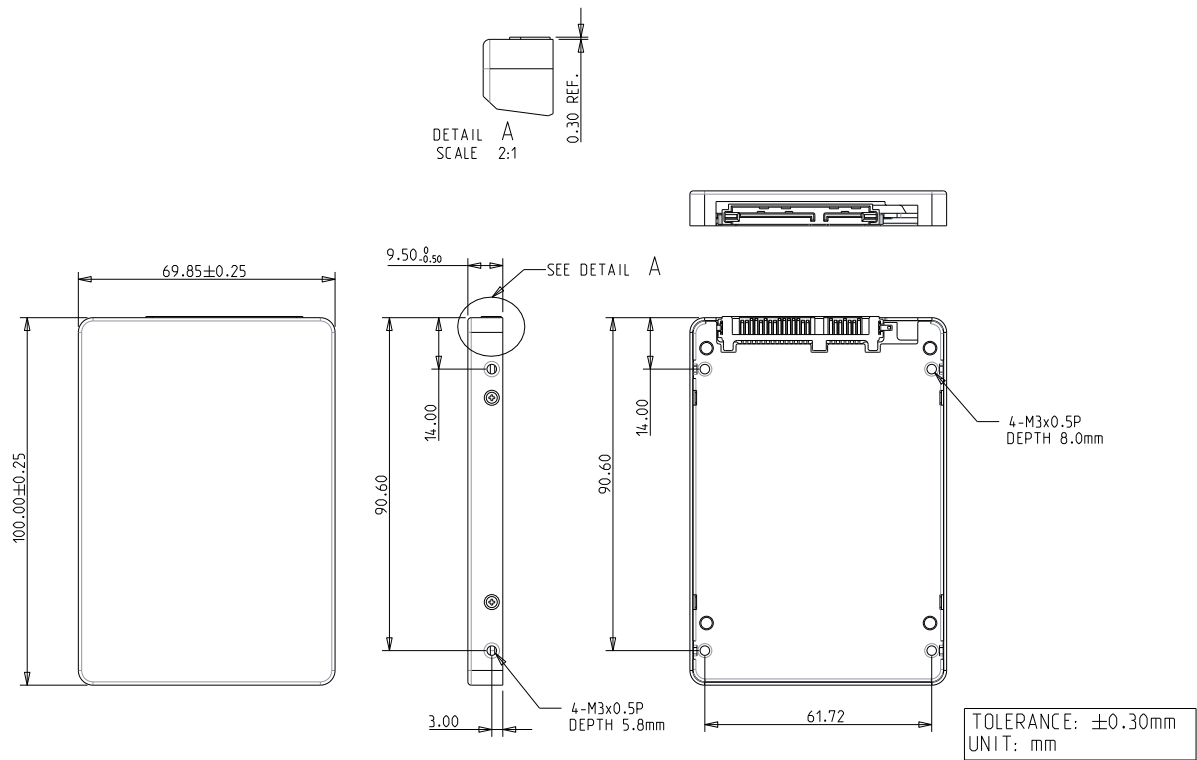


Slim inside



DIAGRAM

Dual Boards



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
8GB	DGS25-08GD81BC*SC(P)	DGS25-08GD81BW*SC(P)
16GB	DGS25-16GD81BC*&C(P)	DGS25-16GD81BW*&C(P)
32GB	DGS25-32GD81BC*&C(P)	DGS25-32GD81BW*&C(P)
64GB	DGS25-64GD81BC*QC(P)	DGS25-64GD81BW*QC(P)
128GB	DGS25-A28D81BC*QC(P)	DGS25-A28D81BW*QC(P)
256GB	DGS25-B56D81BC*QC(P)	DGS25-B56D81BW*QC(P)
512GB	DGS25-C12D81BC1QC(P)	DGS25-C12D81BW1QC(P)
1TB	DGS25-01TD81BCAQC(P)	DGS25-01TD81BWAQC(P)
2TB	DGS25-02TD81BCAQC	DGS25-02TD81BWAQC

*. PCB version control
&. S : 1 channel / D : 2 channels / Q : 4 channels
(P) : PLP (iCell) (Optional)
For TCG OPAL function, the PN Code 10th ~ 12th will be D82.