



2.5" SATA SSD 3IE2-P

HIGHLIGHT FEATURES

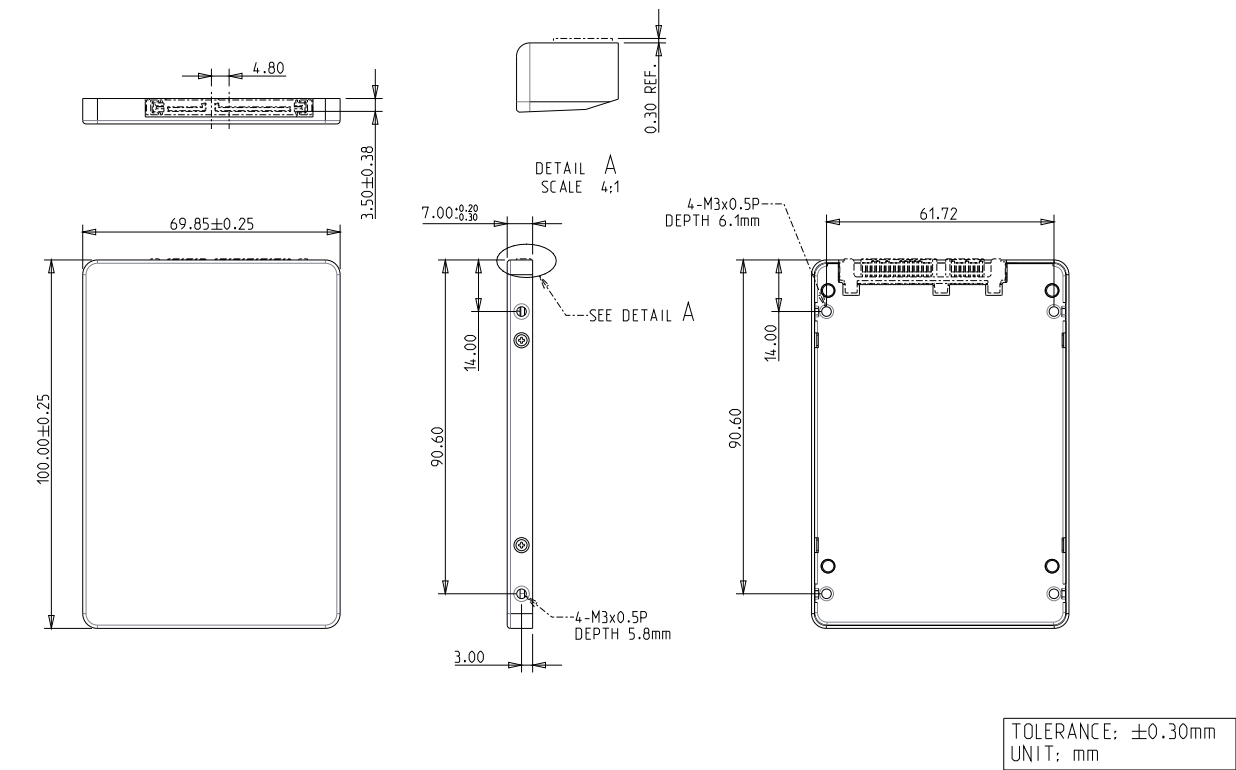
- 2.5" SATA III SSD solution for industrial field
- High IOPS
- Intelligent error recovery system
- iSMART disk health monitoring
- iData Guard for abnormal power failure
- PLP (iCell) technology for data protection (optional)
- Supports wide temperature from -40°C to 85°C

SPECIFICATIONS

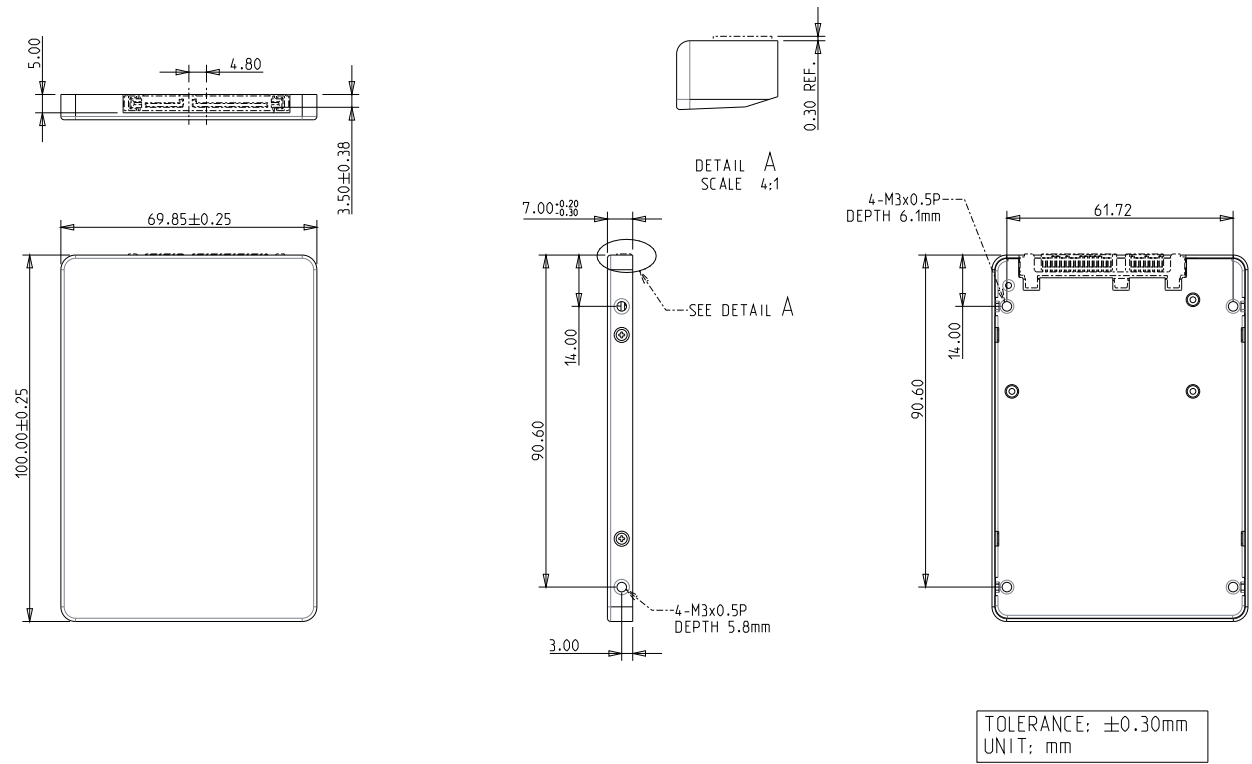
Model Name	2.5" SATA SSD 3IE2-P
Flash Type	iSLC (MLC)
Interface	SATA III 6.0 Gb/s
Form Factor	2.5" SSD
Capacity	8GB ~ 512GB
Sequential R / W (MB/sec, max.)	530 / 450
P/E Cycle	20,000
TBW (Max.)	10,000
Storage Temperature	-55°C ~ 95°C
Max. Power Consumption	2.3W
Max. Channels	4
External DRAM Buffer	Y
H/W Write Protect	N
S.M.A.R.T.	Y
AES	Y
TCG Opal	Y
Dimension (W x L x H/mm)	69.85 x 100.0 x 6.9
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	5 Years

DIAGRAM

Full PCB



Slim inside



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
8GB	DHS25-08GD81BC*DC(P)	DHS25-08GD81BW*DC(P)
16GB	DHS25-16GD81BC*&C(P)	DHS25-16GD81BW*&C(P)
32GB	DHS25-32GD81BC*QC(P)	DHS25-32GD81BW*QC(P)
64GB	DHS25-64GD81BC*QC(P)	DHS25-64GD81BW*QC(P)
128GB	DHS25-A28D81BC*QC(P)	DHS25-A28D81BW*QC(P)
256GB	DHS25-B56D81BC1QC(P)	DHS25-B56D81BW1QC(P)
512GB	DHS25-C12D81BCAQC(P)	DHS25-C12D81BWAQC(P)

*. 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.