



2.5" SATA SSD 3TG8-P

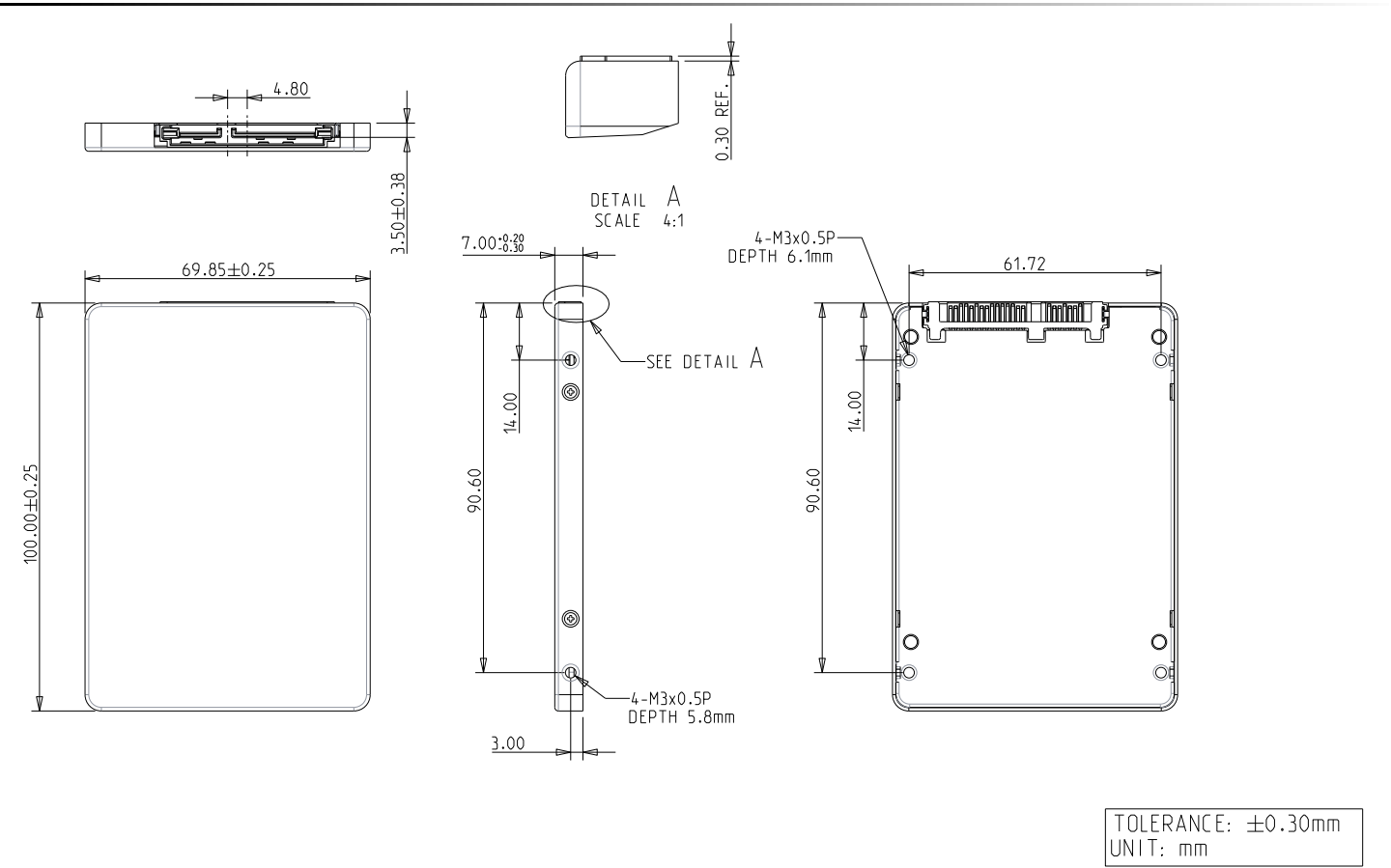
HIGHLIGHT FEATURES

- 2.5" SATA III solution for industrial field
- High IOPS
- iSMART disk health monitoring
- End-to-end Data Path Protection
- iData Guard for abnormal power failure
- PLP (iCell) technology for data protection
- Supports wide temperature from -40°C to 85°C

SPECIFICATIONS

Model Name	2.5" SATA SSD 3TG8-P
Flash Type	3D TLC
Interface	SATA III 6.0 Gb/s
Form Factor	2.5" SSD
Capacity	1TB ~ 8TB
Sequential R / W (MB/sec, max.)	560 / 520
P/E Cycle	3,000
TBW (Max.)	17,643
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	5.2W
Max. Channels	8
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)	69.8 x 100.0 x 7.0
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)
1TB	DGS25-01TDE1KCAEFP	DGS25-01TDE1KWAEFP
2TB	DGS25-02TDE1KCAEFP	DGS25-02TDE1KWAEFP
4TB	DGS25-04TDE1KCAEFP	DGS25-04TDE1KWAEFP
8TB	DGS25-08TDE1KCAEFP	DGS25-08TDE1KWAEFP

For TCG OPAL function, the PN Code 10th ~ 12th will be DE2.