

M.2 (P110) 4TG2-P

HIGHLIGHT FEATURES

- PCIe Gen 4 x4, NVMe 1.4
- PLP (iCell) technology for power loss protection
- Stable sustained performance
- LDPC ECC engine supported
- Dynamic Thermal Management

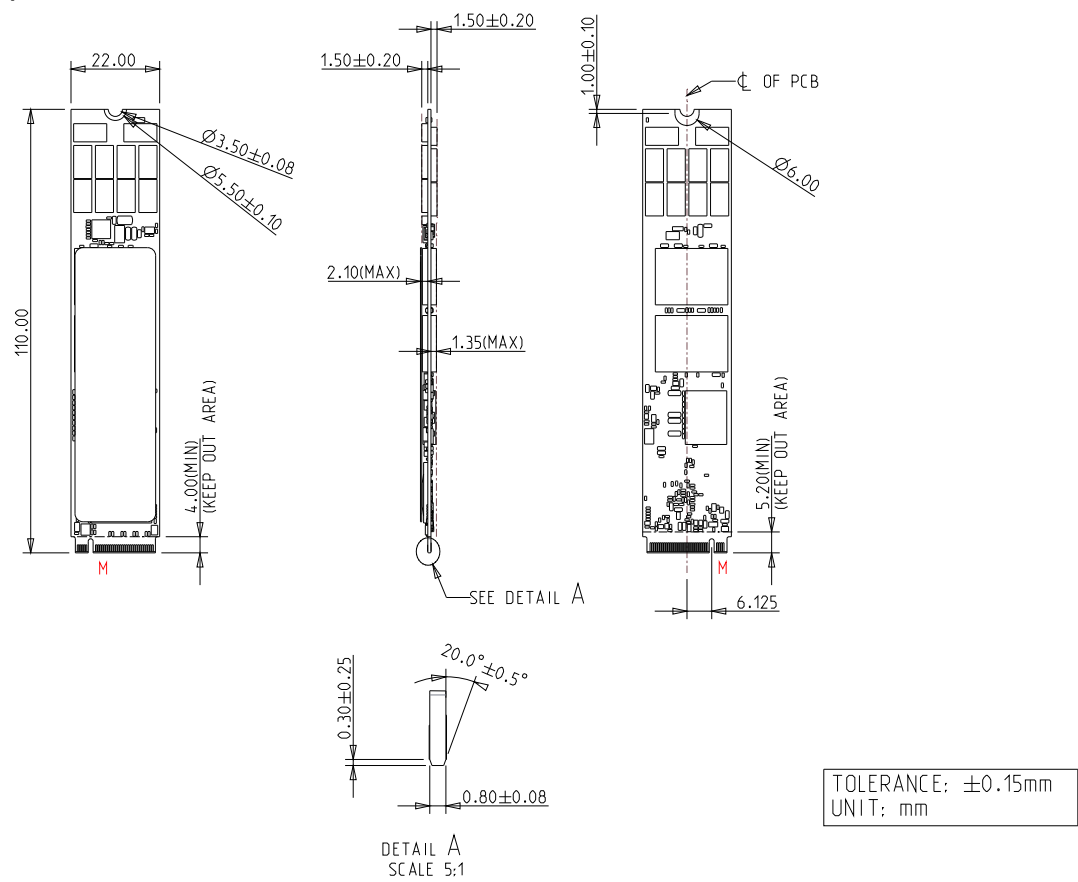


SPECIFICATIONS

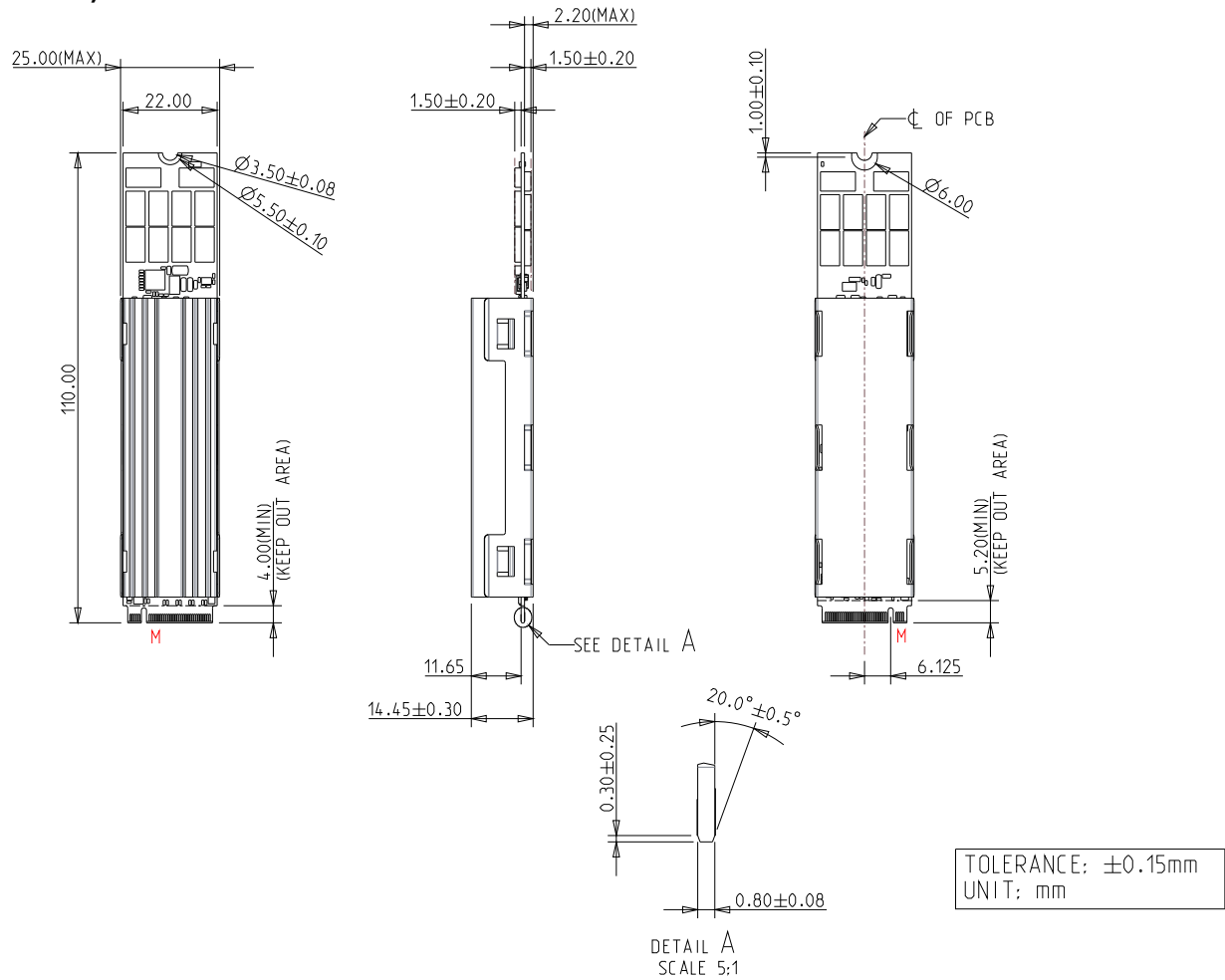
Model Name	M.2 (P110) 4TG2-P
Flash Type	3D TLC
Interface	PCIe Gen 4 x4
Form Factor	M.2 22110 M Key
Capacity	512GB ~ 8TB
Sequential R / W (MB/sec, max.)	6,950 / 4,700
P/E Cycle	3,000
TBW (Max.)	19,886
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	10.2W
Max. Channels	8
External DRAM Buffer	Y
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)	Pure M.2 : 22.0 x 110.0 x 2.87 S/T with heat-spreading copper layer : 22.0 x 110.0 x 3.3 W/T with heat sink : 25.0 x 110.0 x 14.45
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	3 Years

DIAGRAM

ST (512GB ~ 4TB)

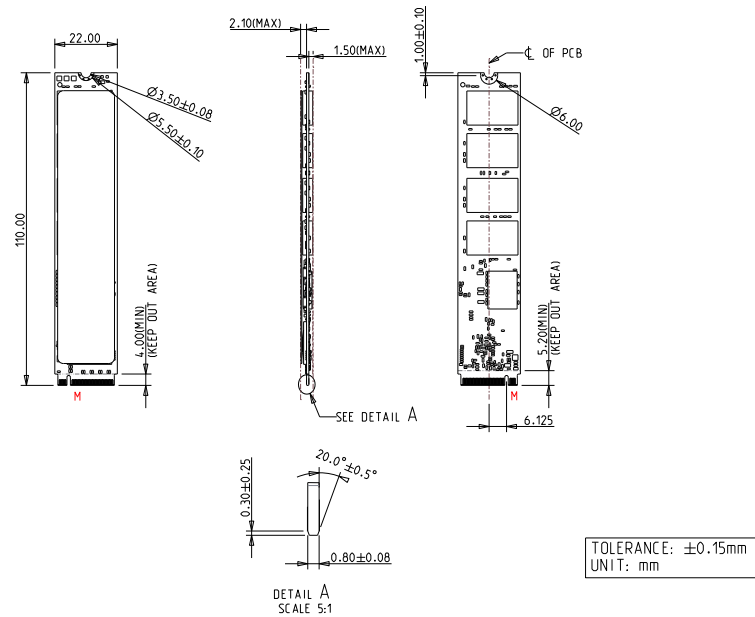


WT (512GB ~ 4TB)

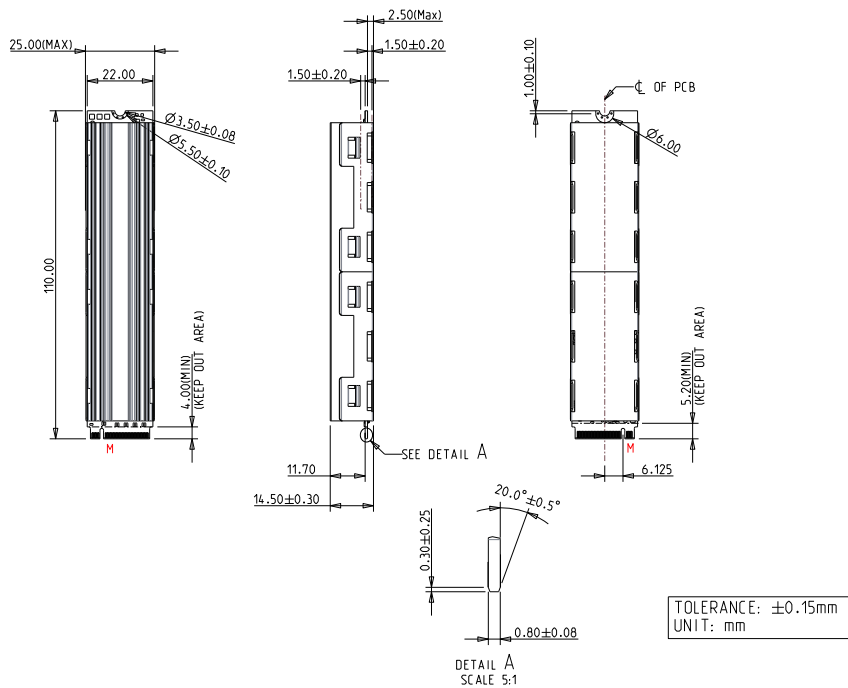


DIAGRAM

ST (8TB)



WT (8TB)



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
512GB	DGM21-C12DP1KCBFP	DGM21-C12DP1KWBEFPH
1TB	DGM21-01TDP1KCBFP	DGM21-01TDP1KWBEFPH
2TB	DGM21-02TDP1KCBFP	DGM21-02TDP1KWBEFPH
4TB	DGM21-04TDP1KCBFP	DGM21-04TDP1KWBEFPH
8TB	DGM21-08TDP1KCEFP	DGM21-08TDP1KWCEFH

For TCG Opal function, the PN Code 10th ~ 12th will be DP2.

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