

M.2 (P110) 4TG2-P series



Diagram (ST)

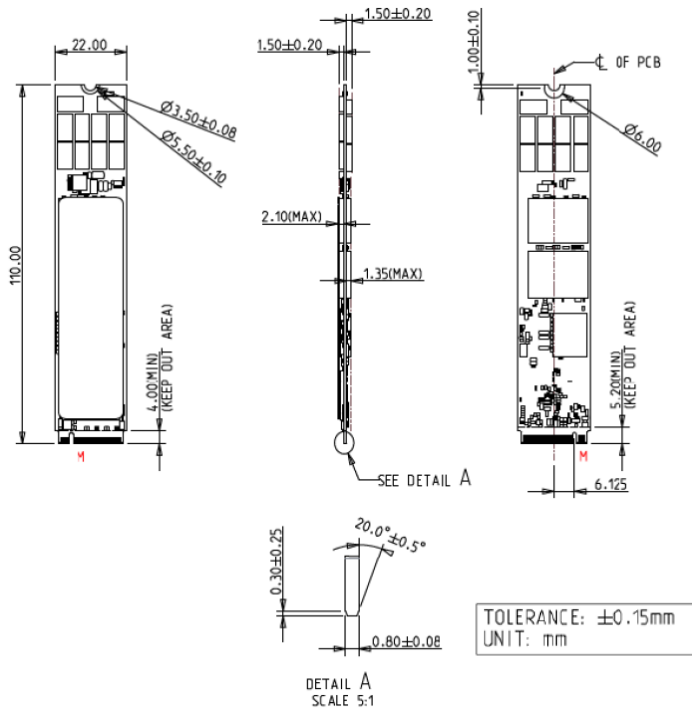
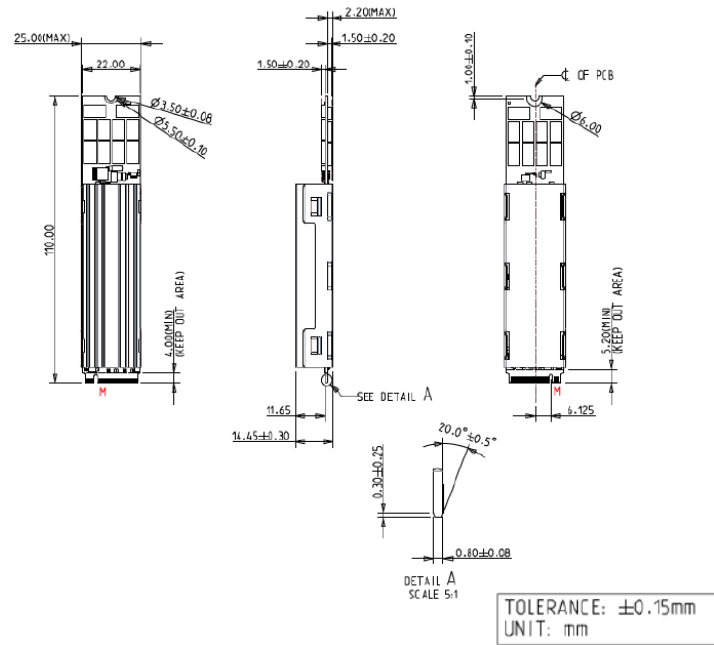


Diagram (WT)



Specifications

Interface	PCIe Gen. 4x4
Flash Type	3D TLC
P/E cycle	3,000
Capacity	512GB~4TB
Max. Channels	8
Sequential R/W (MB/sec, max.)	7,100/5,400
Max. Power Consumption	10.6W
Thermal Sensor	✓
External DRAM buffer	✓
H/W Write Protect	NA
Dimension (WxLxH)	ST with heat-spreading copper layer: 22.0 X 110.0 X 3.3 mm WT with heatsink: 25 X 110.0 X 14.45 mm (Pure M.2: 22.0 X 110.0 X 2.87 mm)
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -40°C ~ +85°C MTBF: 3 million hours

Ordering Information

Operation Temp.	512GB	1TB	2TB	4TB
Standard Grade (0°C ~ +70°C)	DGM21-C12DP1KCBEPF	DGM21-01TDP1KCBEPF	DGM21-02TDP1KCBEPF	DGM21-04TDP1KCBEPF
Industrial Grade (-40°C ~ +85°C)	DGM21-C12DP1KWBEFPF	DGM21-01TDP1KWBEFPF	DGM21-02TDP1KWBEFPF	DGM21-04TDP1KWBEFPF