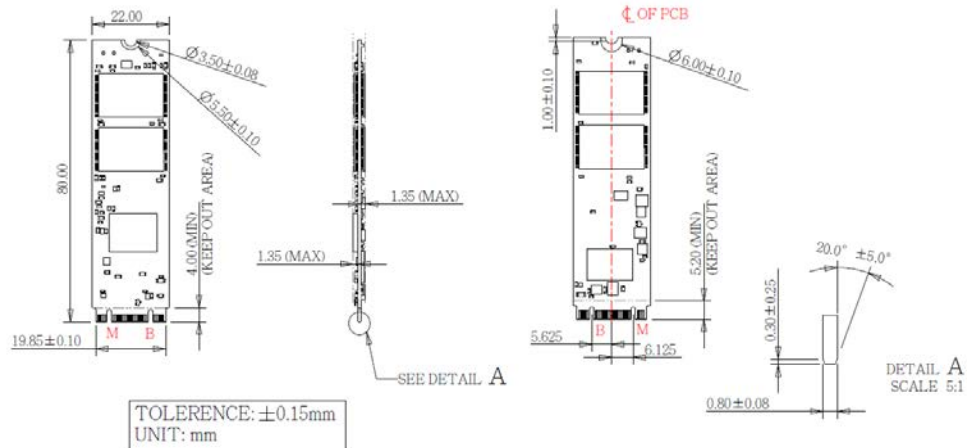


# M.2 (S80) 3TG6-P series



Diagram



## Specifications

Interface	SATA III
Flash Type	3D TLC
P/E cycle	3,000
Capacity	128GB~2TB
Max. Channels	4
Sequential R/W (MB/sec, max.)	560/520
Max. Power Consumption	3.1 W (939mA x 3.3V)
Thermal Sensor	√
External DRAM buffer	√
H/W Write Protect	Optional
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	22.0 X 80.0 X 3.8mm (Max)
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -40°C ~ +85°C MTBF: 3 million hours

## Ordering Information

Operation Temp	128GB	256GB	512GB	1TB	2TB
Standard Grade (0°C ~ +70°C)	DGM28-A28M71*C%#F(S)	DGM28-B56M71*C%QF(S)	DGM28-C12M71*C%QF(S)	DGM28-01TM71*C%QF(S)	DGM28-02TM71*C%QF
Industrial Grade (-40°C ~ +85°C)	DGM28-A28M71EW%QF(S)	DGM28-B56M71EW%QF(S)	DGM28-C12M71EW%QF(S)	DGM28-01TM71*W%QF(S)	DGM28-02TM71*W%QF

\*. E: 64 layers 3D TLC/G: 96 layers 3D TLC/K: 112 layers 3D TLC

%. 1/A/B: PCB version control

#. D: Dual channels/Q: Quad channels

S.: Single side