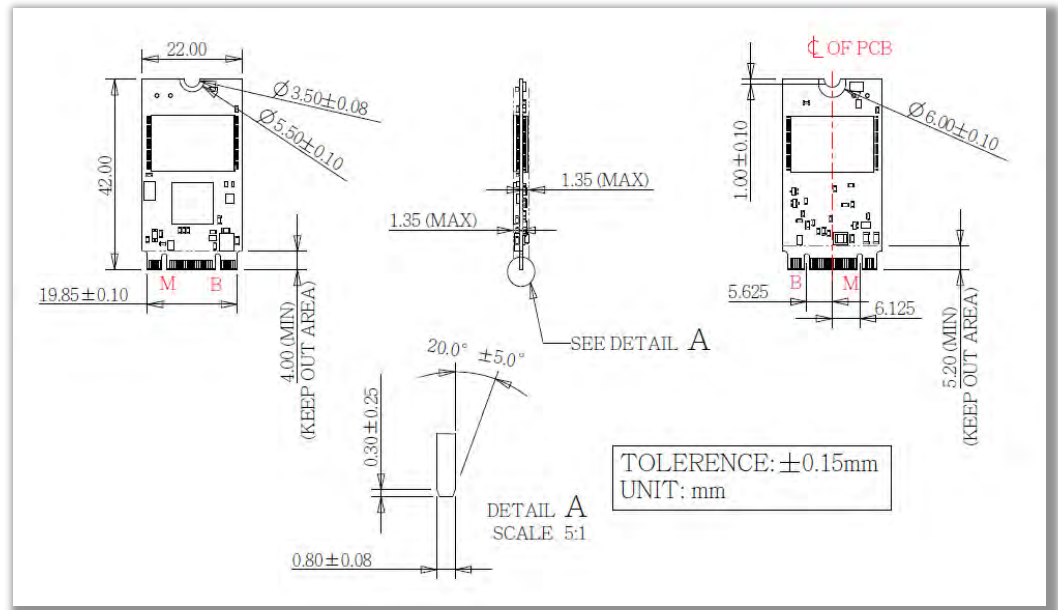


# M.2 (S42) 3IE7 series

Diagram



## Specifications

Interface	SATA III
Flash Type	iSLC (3D TLC)
P/E cycle	30,000
Capacity	20GB~160GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	560/530
Max. Power Consumption	2.8W(850mAx3.3V)
Thermal Sensor	√
External DRAM buffer	-
H/W Write Protect	Optional
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	22.0 X 42.0 X 3.5 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

## Ordering Information

Operation Temp.	20GB	40GB	80GB	160GB
Standard Grade (0°C ~ +70°C)	DHM24-20GDK1EC*DF	DHM24-40GDK1EC*&F	DHM24-80GDK1EC*&F	DHM24-A60DK1ECAOF
Industrial Grade (-40°C ~ +85°C)	DHM24-20GDK1EW*DF	DHM24-40GDK1EW*&F	DHM24-80GDK1EW*&F	DHM24-A60DK1EWAOF

\*. PCB version control

&. D=Dual channel; Q=4 channel