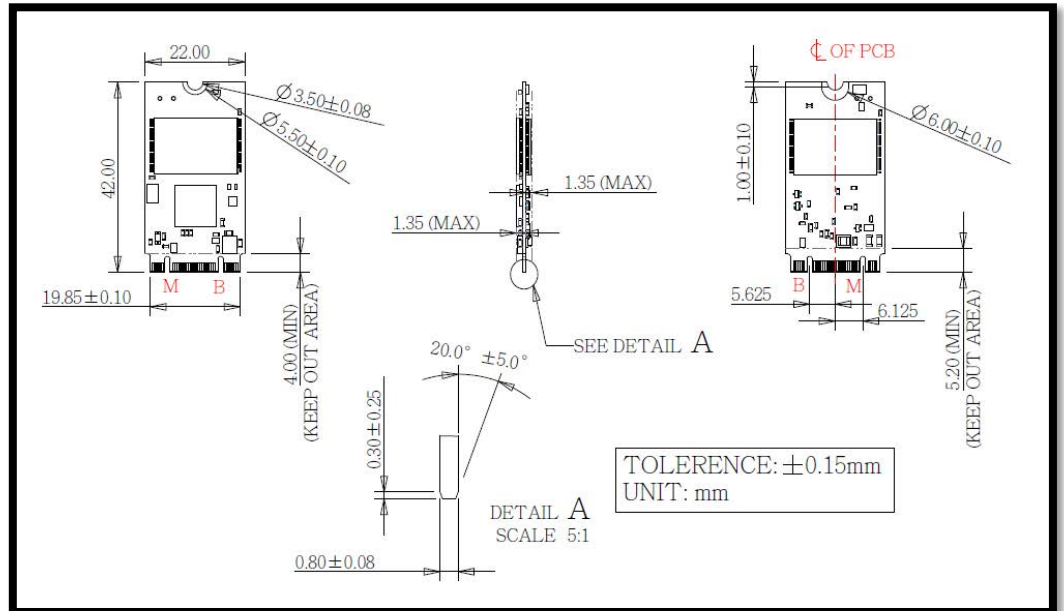


# M.2 (S42) 3TE7 series

## Diagram



## Specifications

Interface	SATA III
Flash Type	3D TLC
P/E cycle	3,000
Capacity	32GB~512GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	550/330
Max. Power Consumption	1.48W(450mA $\times$ 3.3V)
Thermal Sensor	√
External DRAM buffer	-
H/W Write Protect	Optional
ATA Security	√
S.M.A.R.T.	√
Dimension (W $\times$ L $\times$ H)	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.	32GB	64GB	128GB	256GB	512GB
Standard Grade (0°C ~ +70°C)	DEM24- 32GDK1EC1SF	DEM24- 64GDK1EC1DF	DEM24- A28DK1EC1DF	DEM24- B56DK1EC1DF	DEM24- C12DK1ECAQF
Industrial Grade (-40°C ~ +85°C)	DEM24- 32GDK1EW1SF	DEM24- 64GDK1EW1DF	DEM24- A28DK1EW1DF	DEM24- B56DK1EW1DF	DEM24- C12DK1EWAQF