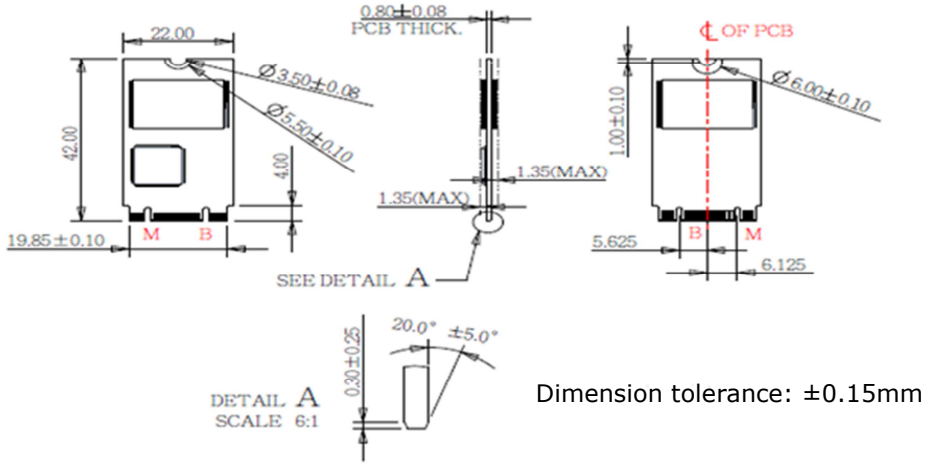


# M.2 (S42)

## 3ME3 series

### Diagram



### Specifications

Interface	SATA III
Flash Type	MLC
P/E cycle	3,000
Capacity	8GB~128GB
Max. Channels	2
Sequential R/W (MB/sec, max.)	220/80
Max. Power Consumption	1.3W (3.3V x 370 mA )
Thermal Sensor	ST:N/WT:Y
External DRAM buffer	-
H/W Write Protect	-
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	22.0 X 42.0 X 3.2 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

### Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB	128GB
Standard Grade (0°C ~ +70°C)	DEM24-08GD09 <b>BC</b> 1SC	DEM24-16GD09 <b>BC</b> 1SC	DEM24-32GD09 <b>BC</b> 1DC	DEM24-64GD09 <b>BC</b> 1DC	DEM24-A28D09 <b>BC</b> 1DC
Industrial Grade (-40°C ~ +85°C)	DEM24-08GD09 <b>BW</b> 1SC	DEM24-16GD09 <b>BW</b> 1SC	DEM24-32GD09 <b>BW</b> 1DC	DEM24-64GD09 <b>BW</b> 1DC	DEM24-A28D09 <b>BW</b> 1DC