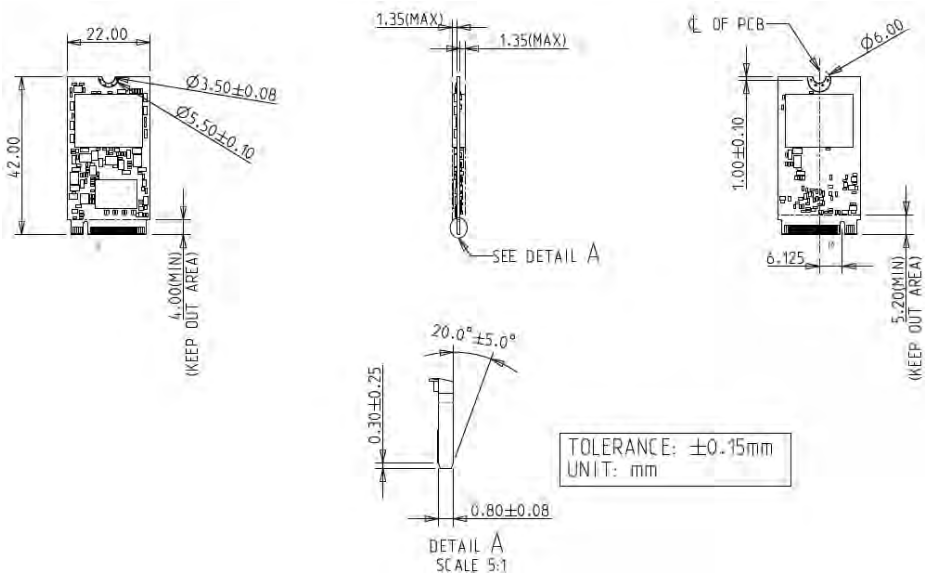


# M.2 (P42)

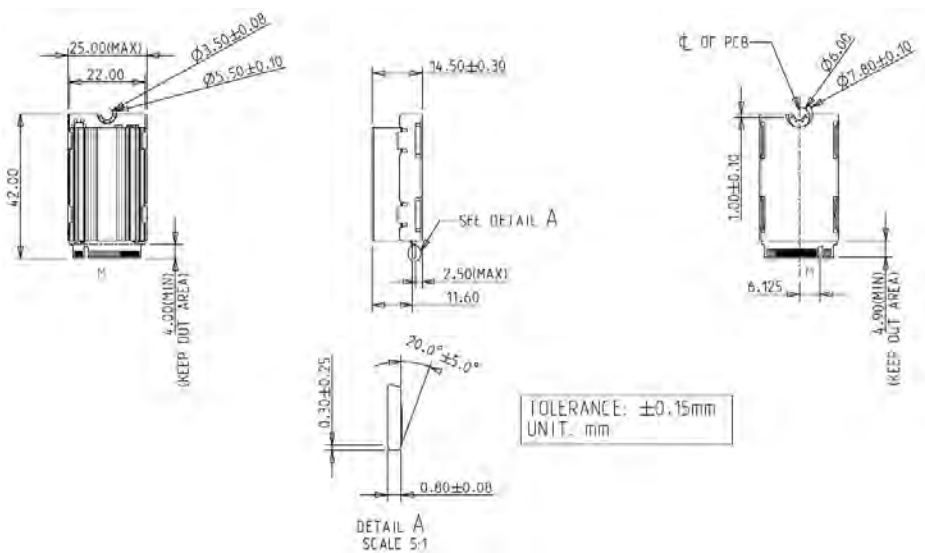
## 4TE2 series



### Diagram (ST)



### Diagram (WT)



## Specification

Interface	PCIe Gen4 x4
Flash Type	3D TLC
P/E cycle	3,000
Capacity	128GB~2TB
Max. Channels	4
Sequential R/W (MB/s, Max)	3,550/2,950
Max. Power Consumption (RMS)	5.0W
Thermal Sensor	√
External DRAM buffer	N/A
H/W Write Protect	N/A
AES	√
TCG OPAL	√ (optional)
S.M.A.R.T	√
Dimension (WxLxH)	22.0 x 42.0 x 3.5 mm (ST) 25.0 x 42.0 x 14.5 mm (WT with heatsink)
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)	DEM24-A28DF1KCA DF	DEM24-B56DF1KCA QF	DEM24-C12DF1KCA QF	DEM24-01TDF1KCA QF	DEM24-02TDF1KCA QF
Industrial Grade (-40°C ~ +85°C)	DEM24-A28DF1KWA DFH	DEM24-B56DF1KWA QFH	DEM24-C12DF1KWA QFH	DEM24-01TDF1KWA QFH	DEM24-02TDF1KWA QFH

For TCG OPAL function, the PN Code 10th~12th will be DF2.