



M.2 (S42) 3TEB

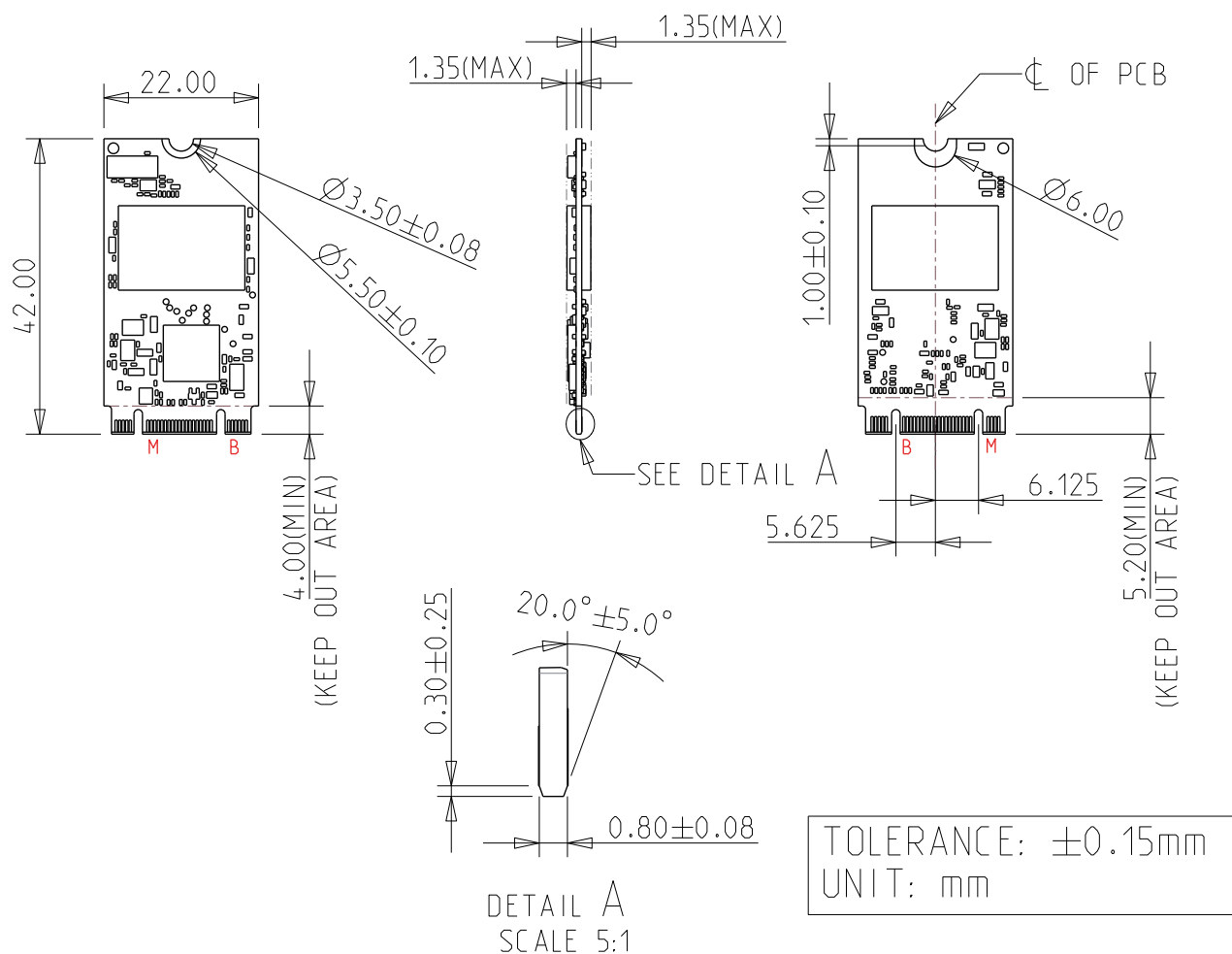
HIGHLIGHT FEATURES

- SATA III solution for industrial field
- High IOPS
- Low power consumption
- iPower Guard for protecting unstable start up and shut down.
- iData Guard for abnormal power failure

SPECIFICATIONS

Model Name	M.2 (S42) 3TEB
Flash Type	3D TLC
Interface	SATA III 6.0 Gb/s
Form Factor	M.2 2242 B+M Key
Capacity	64GB ~ 1TB
Sequential R / W (MB/sec, max.)	550 / 480
P/E Cycle	3,000
TBW (Max.)	900
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	1.2W
Max. Channels	2
External DRAM Buffer	N
H/W Write Protect	N
S.M.A.R.T.	Y
AES	N
TCG Opal	N
Dimension (W x L x H/mm)	22.0 x 42.0 x 3.5
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	3 Years

DIAGRAM



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
64GB	DEM24-64GIC1KCASF	DEM24-64GIC1KWASF
128GB	DEM24-A28IC1KCADF	DEM24-A28IC1KWADF
256GB	DEM24-B56IC1KCADF	DEM24-B56IC1KWADF
512GB	DEM24-C12IC1KCADF	DEM24-C12IC1KWADF
1TB	DEM24-01TIC1KCADF	DEM24-01TIC1KWADF

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