



M.2 (S42) 3IEB

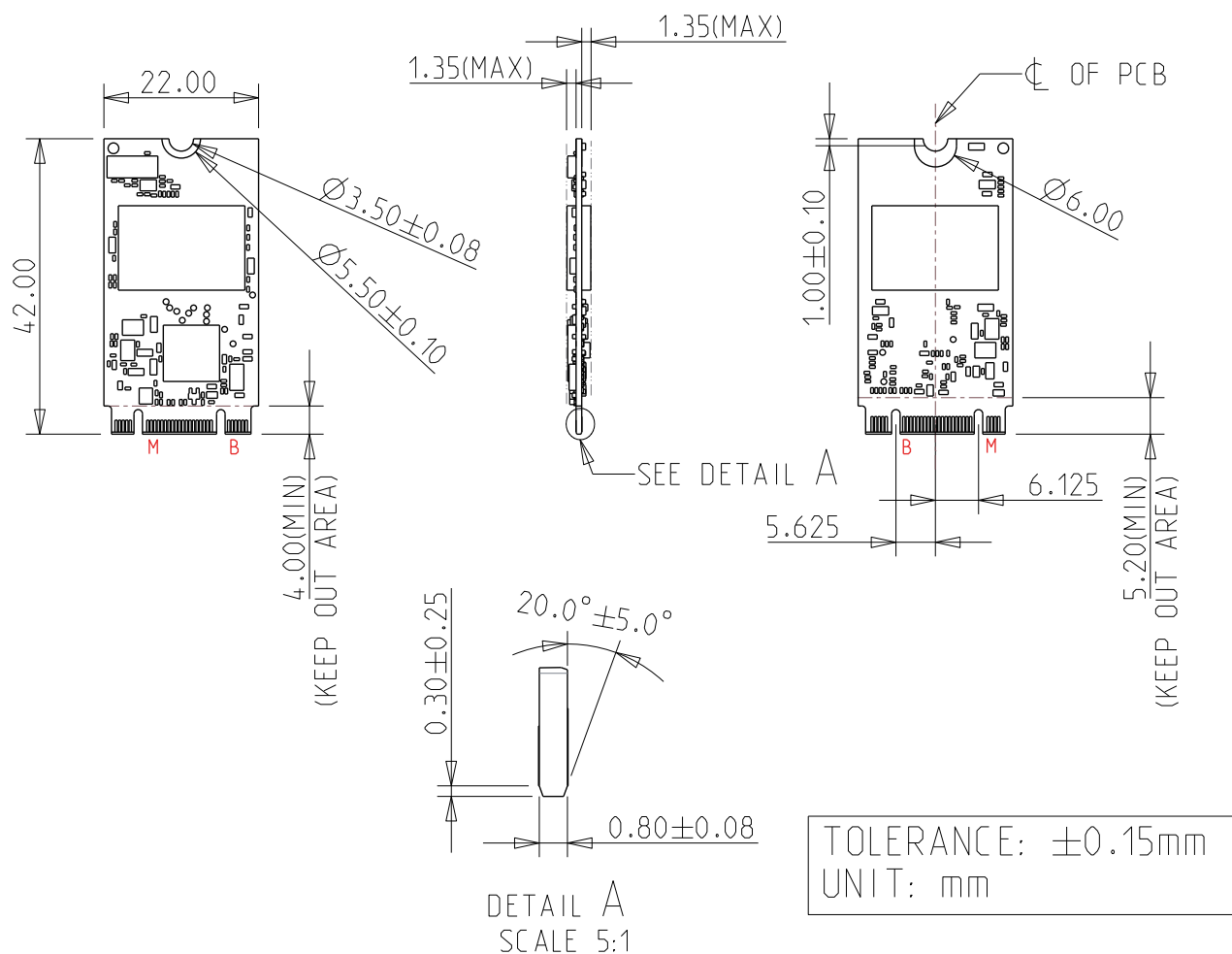
HIGHLIGHT FEATURES

- Up to 100K P/E cycle, extending the lifespan by 33x
- Equipped with 112 layer 3D TLC NAND Flash
- Utilizes Ultra iSLC Technology
- iPower Guard & iData Guard supported
- 5 year warranty

SPECIFICATIONS

Model Name	M.2 (S42) 3IEB
Flash Type	iSLC (3D TLC)
Interface	SATA III 6.0 Gb/s
Form Factor	M.2 2242 B+M Key
Capacity	20GB ~ 320GB
Sequential R / W (MB/sec, max.)	550 / 500
P/E Cycle	100,000
TBW (Max.)	20,000
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	5 Years

DIAGRAM



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
20GB	DHM24-20GIC1KCASL	DHM24-20GIC1KWASL
40GB	DHM24-40GIC1KCADL	DHM24-40GIC1KWADL
80GB	DHM24-80GIC1KCADL	DHM24-80GIC1KWADL
160GB	DHM24-A60IC1KCADL	DHM24-A60IC1KWADL
320GB	DHM24-D2GIC1KCADL	DHM24-D2GIC1KWADL

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