DATA INTELLIGENCE
FLASH

M.2 (P80) 3TE4

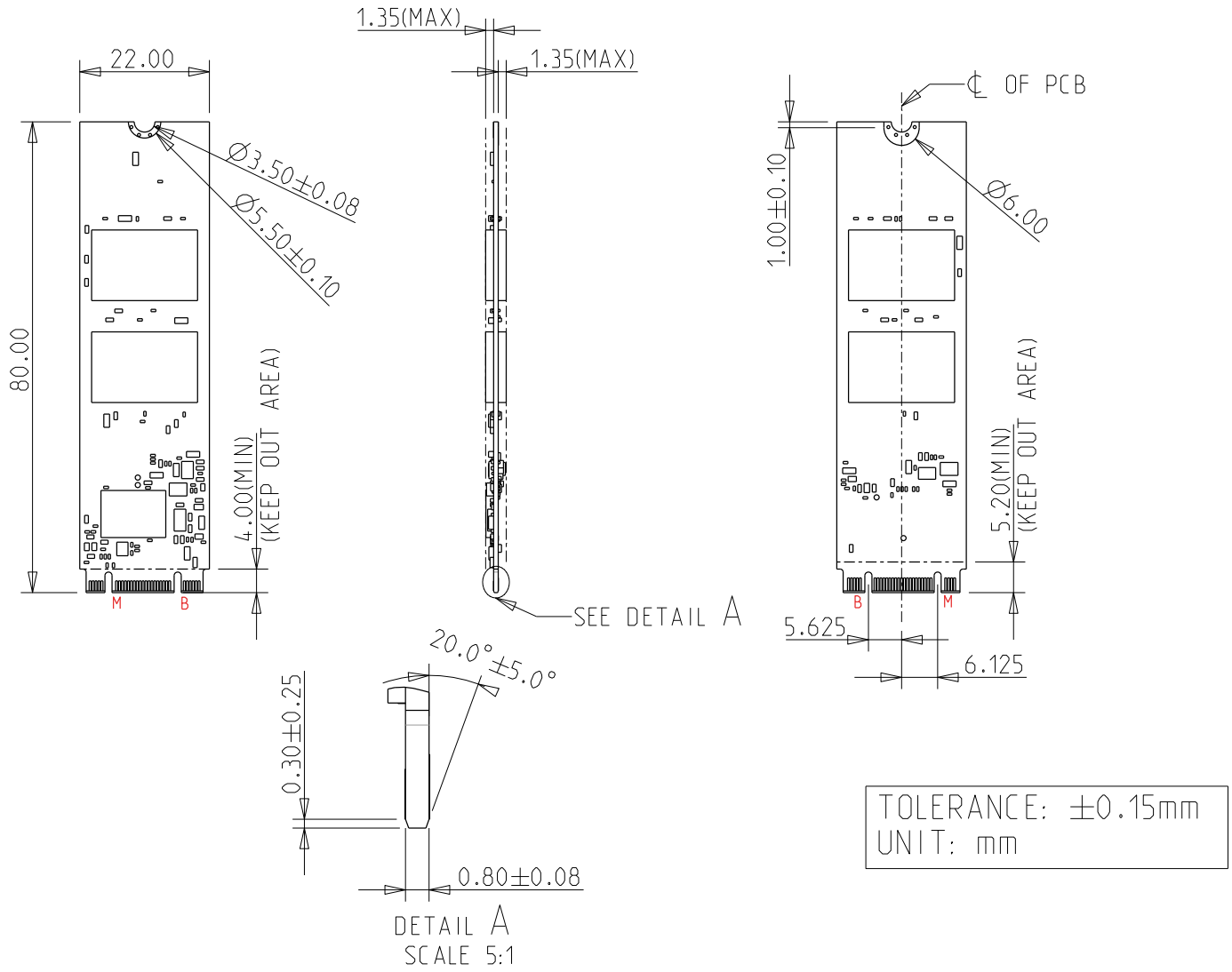
HIGHLIGHT FEATURES

- Powered by PCIe Gen 3 x2, NVMe 1.3
- DRAM-less solution
- Anti-vibration mechanical design
- Dynamic Thermal Throttling
- iPower Guard Protection

SPECIFICATIONS

Model Name	M.2 (P80) 3TE4
Flash Type	3D TLC
Interface	PCIe Gen 3 x2
Form Factor	M.2 2280 B+M Key
Capacity	128GB ~ 2TB
Sequential R / W (MB/sec, max.)	1,750 / 1,500
P/E Cycle	3,000
TBW (Max.)	2,856
Storage Temperature	-40˚C ~ 85˚C
Max. Power Consumption	3.1W
Max. Channels	4
External DRAM Buffer	N
H/W Write Protect	N
S.M.A.R.T.	Y
AES	Y (Optional)
TCG Opal	Y (Optional)
Dimension (W x L x H/mm)	22.0 x 80.0 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)
128GB	DEM28-A28IB1KCCDL
256GB	DEM28-B56IB1KCCQL
512GB	DEM28-C12IB1KCCQL
1TB	DEM28-01TIB1KCCQL
2TB	DEM28-02TIB1KCCQL

For TCG OPAL function, the PN Code 10th ~12th will be IB2.

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