



M.2 (P42) 4TE2

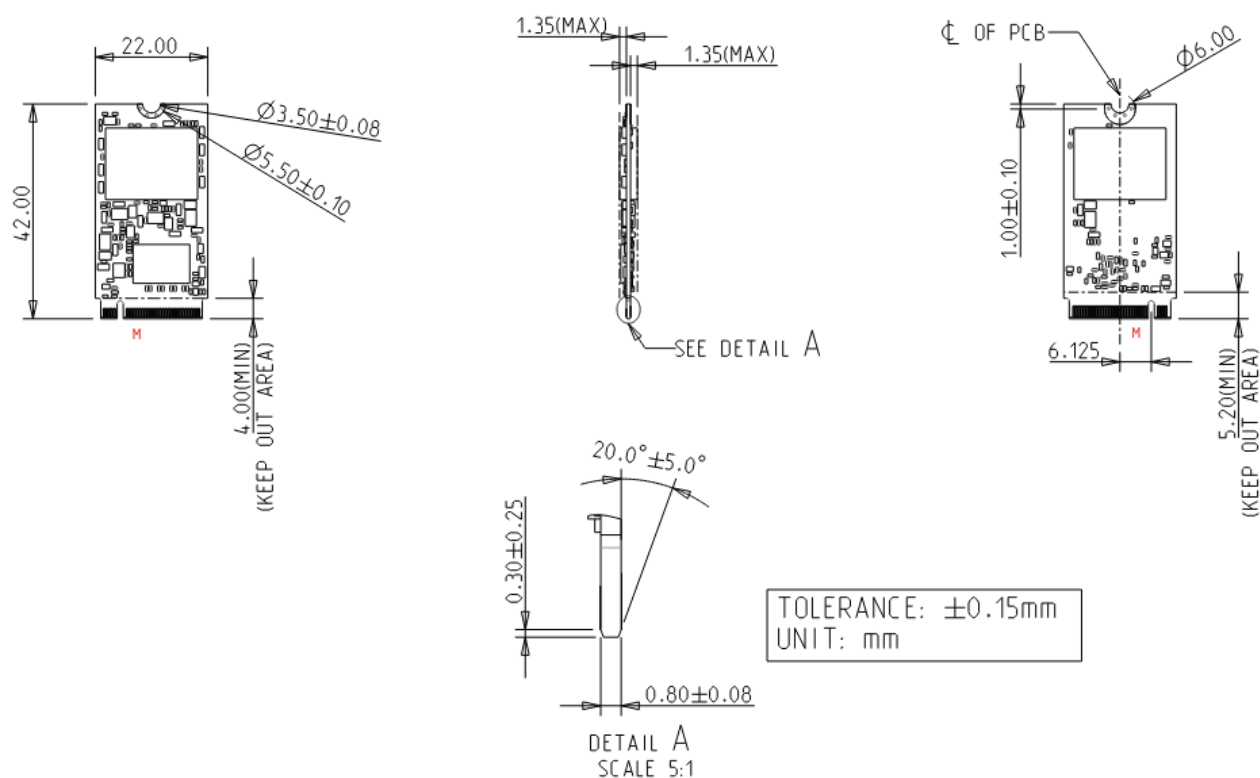
HIGHLIGHT FEATURES

- Equipped with 112-layer 3D TLC NAND Flash
- Excellent Data Transfer Speed
- Dynamic Thermal Management
- Support iPower Guard & iData Guard
- Support TCG Opal 2.0 (Optional)

SPECIFICATIONS

Model Name	M.2 (P42) 4TE2
Flash Type	3D TLC
Interface	PCIe Gen 4 x4
Form Factor	M.2 2242 M Key
Capacity	128GB ~ 2TB
Sequential R / W (MB/sec, max.)	3,500 / 2,850
P/E Cycle	3,000
TBW (Max.)	1,706
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	5.0W
Max. Channels	4
External DRAM Buffer	N
H/W Write Protect	Y (Optional)
S.M.A.R.T.	Y
AES	Y
TCG Opal	Y
Dimension (W x L x H/mm)	S/T : 22.0 x 42.0 x 3.8
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	DEM24-A28DF1KCADL
256GB	DEM24-B56DF1KCAQL
512GB	DEM24-C12DF1KCAQL
1TB	DEM24-01TDF1KCAQL
2TB	DEM24-02TDF1KCAQQ

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

HQ (Taiwan) T +886-2-7703-3000 / E sales@innodisk.com

CN T +86-755-2167-3689 / E sales_cn@innodisk.com

US T +1-510-770-9421 / E usasales@innodisk.com

EU T +31-40-3045-400 / E eusales@innodisk.com

JP T +81-3-6667-0161 / E jp_sales@innodisk.com

innodisk