



M.2 (P42) 3TE8

HIGHLIGHT FEATURES

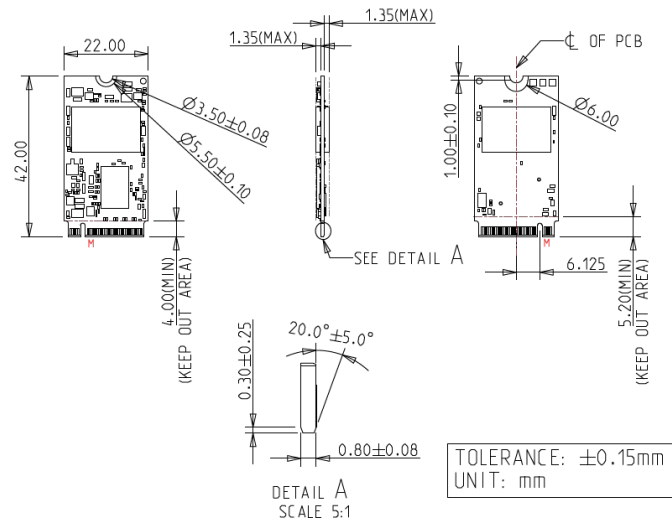
- PCIe Gen 3 x4, NVMe SSD
- Kioxia 3D TLC NAND
- Standard / Wide-temperature
- iDataguard / iPowerguard
- Dynamic Thermal Management
- Hybrid Write Mode with SLC Cache Enable
- Support TCG OPAL function

SPECIFICATIONS

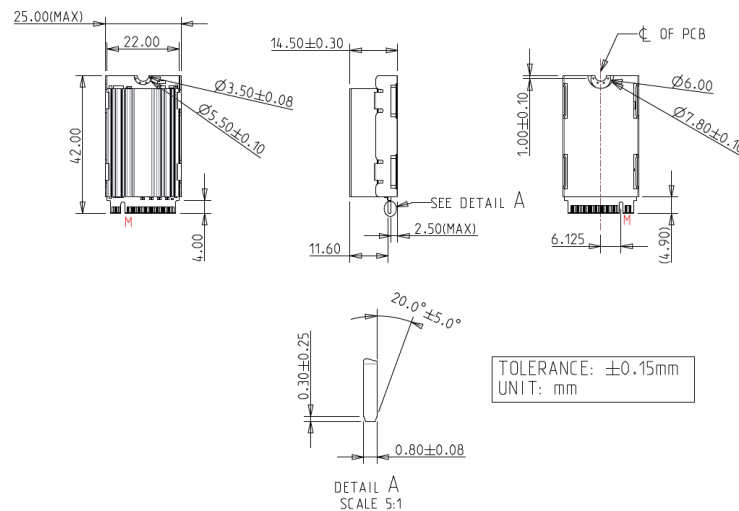
Model Name	M.2 (P42) 3TE8
Flash Type	3D TLC
Interface	PCIe Gen 3 x4
Form Factor	M.2 2242
Capacity	128GB ~ 1TB
Sequential R / W (MB/sec, max.)	3,350 / 2,600
TBW (Max.)	803
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	4.2W
Max. Channels	4
External DRAM Buffer	N
H/W Write Protect	N
S.M.A.R.T.	Y
AES	Y
TCG Opal	Y
Dimension (W x L x H/mm)	WT with heatsink: 25.0 X 42.0 X 14.5 Pure M.2: 22.0 X 42.0 X 2.78
Vibration	20G@7~2000Hz
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	3 Years

DIAGRAM

ST



WT



ORDER INFO.

	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
128GB	DEM24-A28DS2KCADFS	DEM24-A28DS2KWADFSH
256GB	DEM24-B56DS2KCAQFS	DEM24-B56DS2KWAQFSH
512GB	DEM24-C12DS2KCAQFS	DEM24-C12DS2KWAQFSH
1TB	DEM24-01TDS2KCAQFS	DEM24-01TDS2KWAQFSH

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