

M.2 (P42) 3TE8

HIGHLIGHT FEATURES



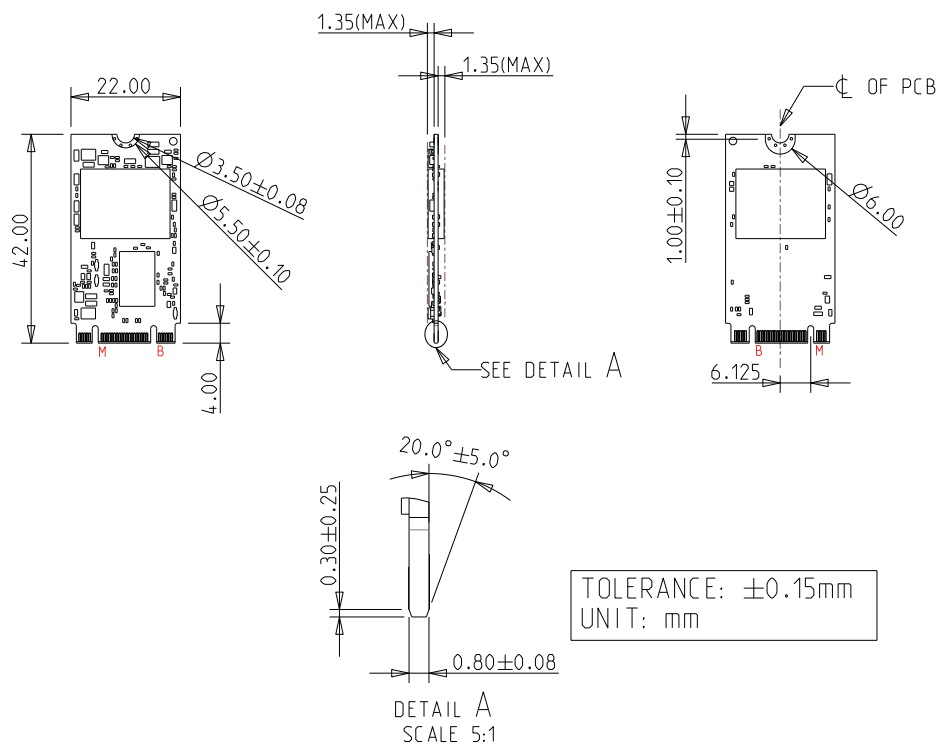
- PCIe Gen 3 x2, NVMe SSD
- Innodisk 3D TLC NAND
- Standard-temperature
- iPower Guard / iData Guard
- Dynamic thermal management
- Hybrid write mode with SLC cache enable
- Support TCG Opal function

SPECIFICATIONS

Model Name	M.2 (P42) 3TE8
Flash Type	3D TLC
Interface	PCIe Gen 3 x2
Form Factor	M.2 2242 B+M key
Capacity	128GB ~ 1TB
Sequential R / W (MB/sec, max.)	1,750 / 1,650
P/E Cycle	3,000
TBW (Max.)	803
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	3.0W
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)	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



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)
128GB	DEM24-A28DS2KCCDF
256GB	DEM24-B56DS2KCCQF
512GB	DEM24-C12DS2KCCQF
1TB	DEM24-01TDS2KCCQF

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