



M.2 (P30) 4TE2

HIGHLIGHT FEATURES

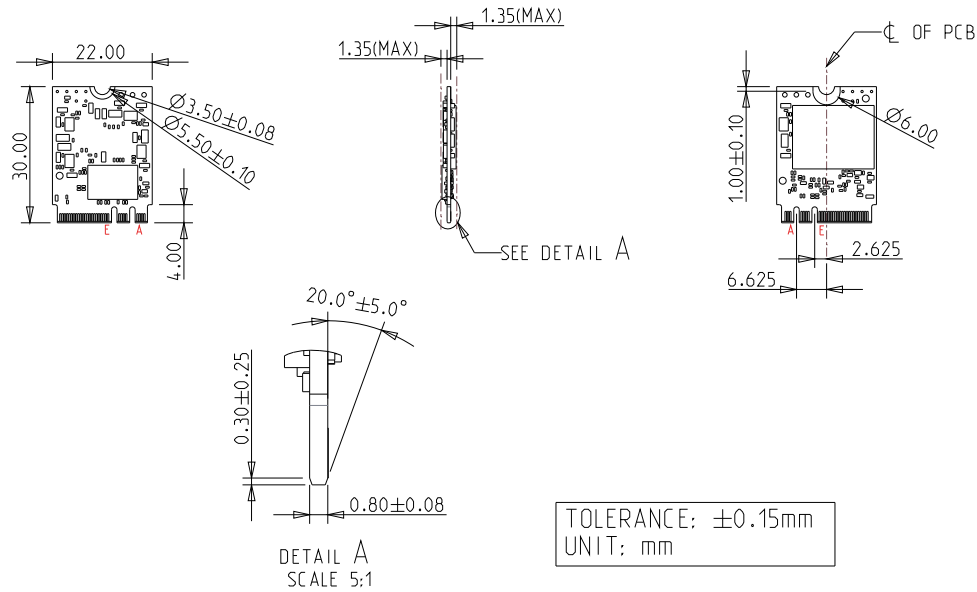
- PCIe Gen 3 x2, NVMe 1.4
- M.2 2230 A+E Key
- Excellent data transfer speed
- Support iPower Guard & iData Guard
- 256 bit AES hardware based encryption
- Support TCG OPAL function

SPECIFICATIONS

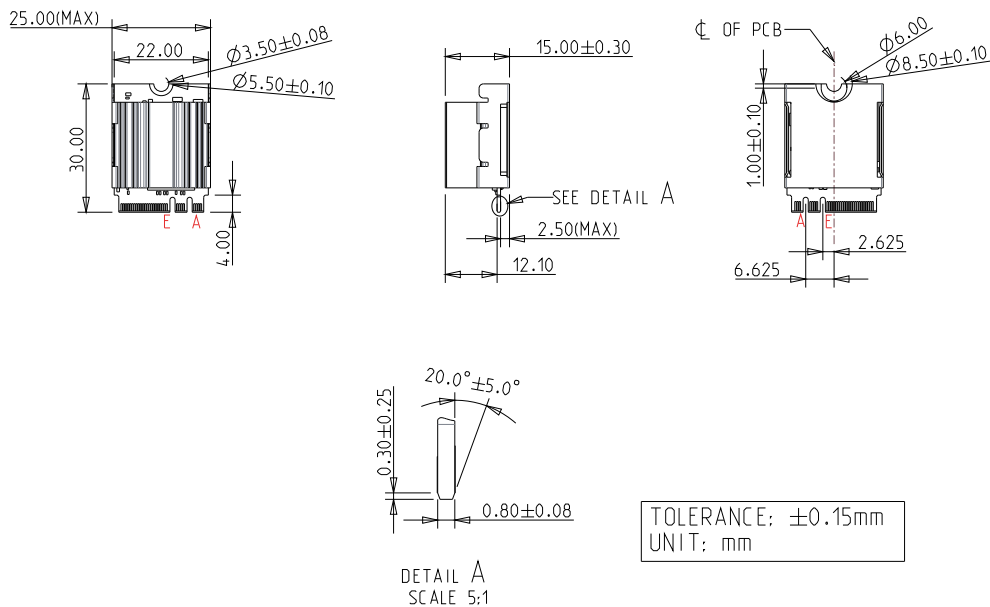
Model Name	M.2 (P30) 4TE2
Flash Type	3D TLC
Interface	PCIe Gen 3 x2
Form Factor	M.2 2230 A+E Key
Capacity	128GB ~ 1TB
Sequential R / W (MB/sec, max.)	1,750 / 1,550
P/E Cycle	3,000
TBW (Max.)	1,161
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	2.3W
Max. Channels	2
External DRAM Buffer	N
H/W Write Protect	Optional
S.M.A.R.T.	Y
AES	Optional
TCG Opal	Optional
Dimension (W x L x H/mm)	22.0 x 30.0 x 3.5
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	3 Years

DIAGRAM

ST



WT



The appearance of silicone oil seeping out from the inside of the thermal pad is a normal occurrence. Silicone oil is not electrically conductive, so it does not impact the functionality of SSD.

ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
128GB	DEM23-A28DF1KCBDF	DEM23-A28DF1KWBDHF
256GB	DEM23-B56DF1KCBDF	DEM23-B56DF1KWBDHF
512GB	DEM23-C12DF1KCBDF	DEM23-C12DF1KWBDHF
1TB	DEM23-01TDF1KCBDF	DEM23-01TDF1KWBDHF

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

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