



M.2 (P30) 4IE2

HIGHLIGHT FEATURES

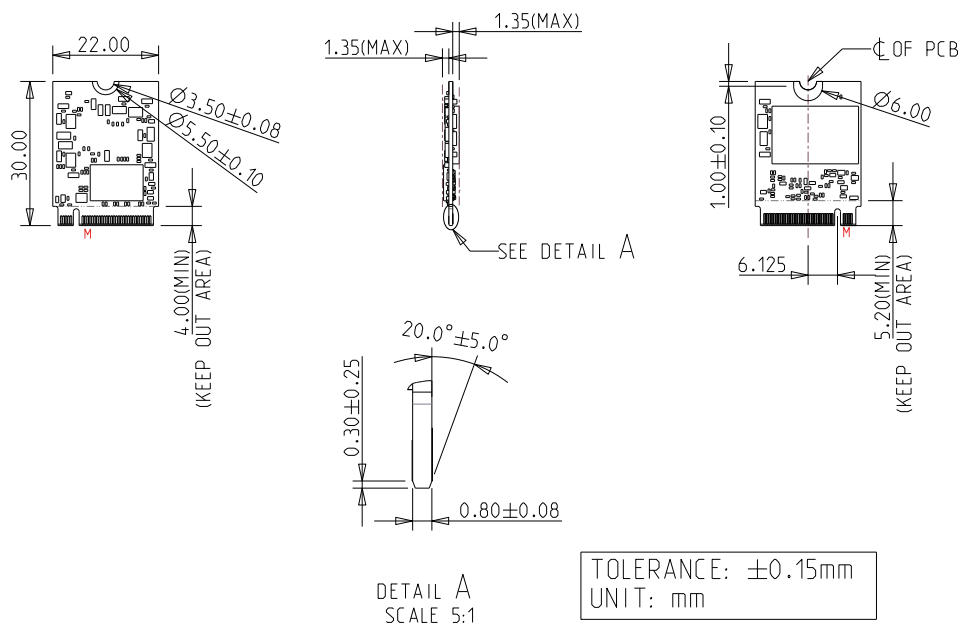
- PCIe Gen 4 x4, NVMe 1.4
- Excellent data transfer speed
- Support Ultra iSLC technology
- 256 bit AES hardware based encryption
- Support TCG OPAL function (optional)

SPECIFICATIONS

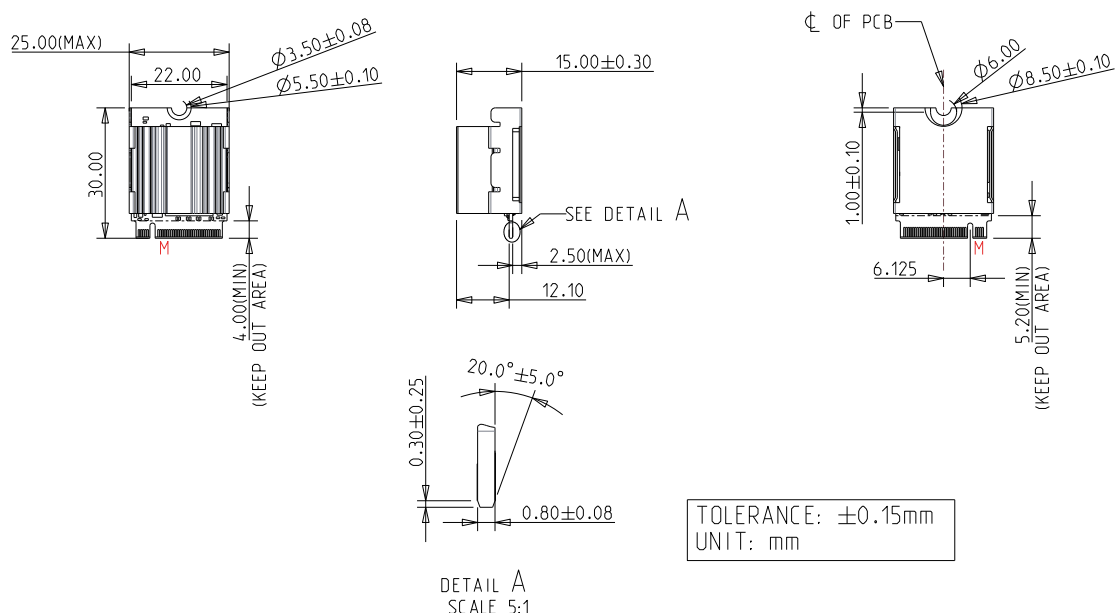
Model Name	M.2 (P30) 4IE2
Flash Type	iSLC (3D TLC)
Interface	PCIe Gen 4 x4
Form Factor	M.2 2230 M Key
Capacity	40GB ~ 160GB
Sequential R / W (MB/sec, max.)	1,750 / 1,550
P/E Cycle	100,000
TBW (Max.)	7,813
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	3.9W
Max. Channels	2
External DRAM Buffer	N
H/W Write Protect	Optional
S.M.A.R.T.	Y
AES	Y
TCG Opal	Y
Dimension (W x L x H/mm)	S/T : 22.0 x 30.0 x 3.5 W/T with heatsink : 25.0 x 30.0 x 15.0
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	5 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)
40GB	DHM23-40GDF1KCADF	DHM23-40GDF1KWADFH
80GB	DHM23-80GDF1KCADF	DHM23-80GDF1KWADFH
160GB	DHM23-A60DF1KCADF	DHM23-A60DF1KWADFH

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

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