

M.2 (P80) 3IE8

HIGHLIGHT FEATURES

- PCIe Gen 3 x2, NVMe SSD
- Innodisk 3D TLC NAND
- Standard & Wide-temperature
- iData Guard
- Dynamic thermal management
- Ultra iSLC technology
- Support TCG Opal function

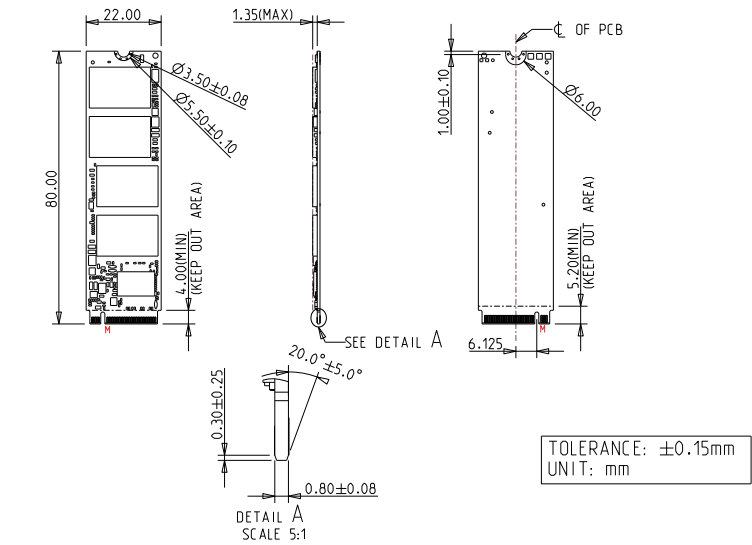


SPECIFICATIONS

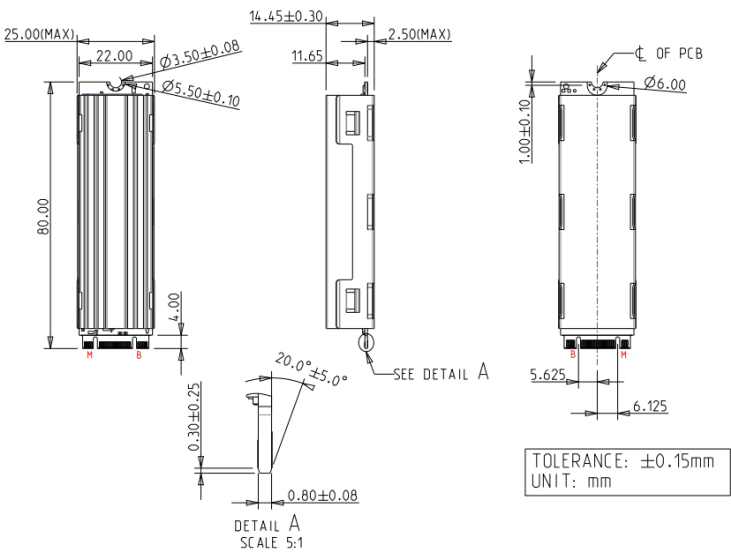
Model Name	M.2 (P80) 3IE8
Flash Type	iSLC (3D TLC)
Interface	PCIe Gen 3 x2
Form Factor	M.2 2280 B+M key
Capacity	40GB ~ 640GB
Sequential R / W (MB/sec, max.)	1,750 / 1,700
P/E Cycle	100,000
TBW (Max.)	35663
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	3.1W
Max. Channels	4
External DRAM Buffer	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 80.0 X 14.5 Pure M.2: 22.0 X 80.0 X 2.78
Vibration	20G@7~2000Hz
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	5 Years

DIAGRAM

ST



WT



Note: 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	DHM28-40GDS2KCCDLS	DHM28-40GDS2KWCDSLH
80GB	DHM28-80GDS2KCCQLS	DHM28-80GDS2KWCQLSH
160GB	DHM28-A60DS2KCCQLS	DHM28-A60DS2KWCQLSH
320GB	DHM28-D2GDS2KCCQLS	DHM28-D2GDS2KWCQLSH
640GB	DHM28-F4GDS2KCCQLS	DHM28-F4GDS2KWCQLSH

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