



M.2 (P80) 3IE8

HIGHLIGHT FEATURES

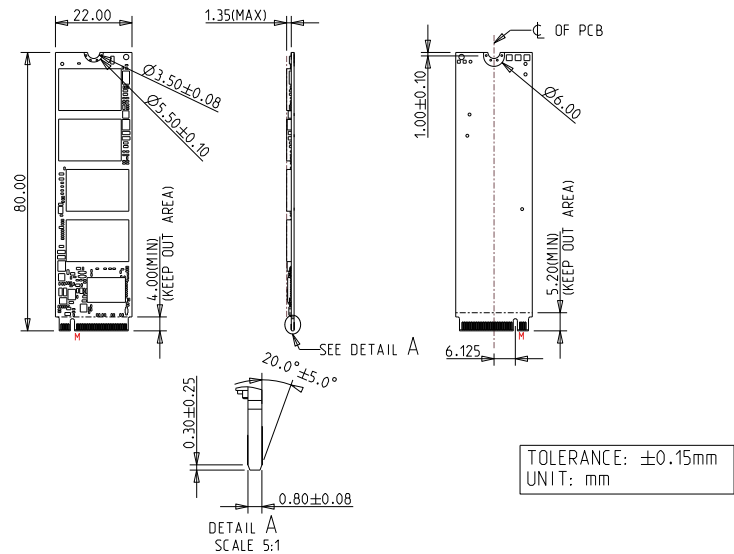
- PCIe Gen 3 x4, NVMe SSD
- Innodisk 3D TLC NAND
- Standard & Wide-temperature
- iData Guard
- Dynamic thermal management
- Ultra iSLC technology
- Support TCG Opal function

SPECIFICATIONS

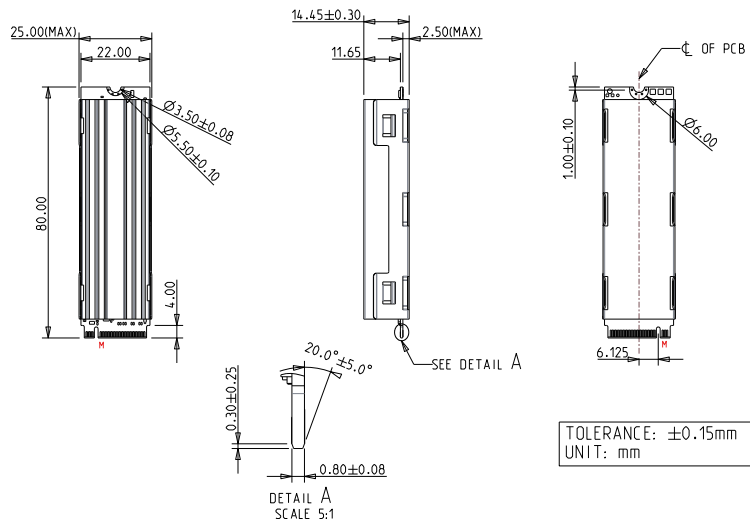
Model Name	M.2 (P80) 3IE8
Flash Type	iSLC (3D TLC)
Interface	PCIe Gen 3 x4
Form Factor	M.2 2280 M key
Capacity	40GB ~ 640GB
Sequential R / W (MB/sec, max.)	3,400 / 2,850
P/E Cycle	100,000
TBW (Max.)	35,663
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	4.6W
Max. Channels	4
External DRAM Buffer	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	DHM28-40GDS2KCADLS	DHM28-40GDS2KWADLSH
80GB	DHM28-80GDS2KCAQLS	DHM28-80GDS2KWAQLSH
160GB	DHM28-A60DS2KCAQLS	DHM28-A60DS2KWAQLSH
320GB	DHM28-D2GDS2KCAQLS	DHM28-D2GDS2KWAQLSH
640GB	DHM28-F4GDS2KCAQLS	DHM28-F4GDS2KWAQLSH

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