

## M.2 (P80) 3IE8

### HIGHLIGHT FEATURES



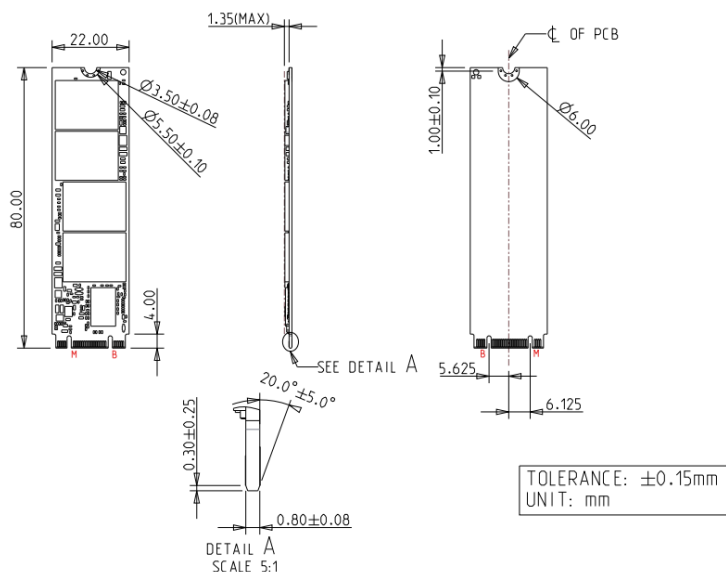
- PCIe Gen 3 x2, NVMe SSD
- Innodisk 3D TLC NAND
- Standard & Wide-temperature
- iData Guard
- Dynamic thermal management
- Ultra iSLC technology
- Support TCG Opal function

### SPECIFICATIONS

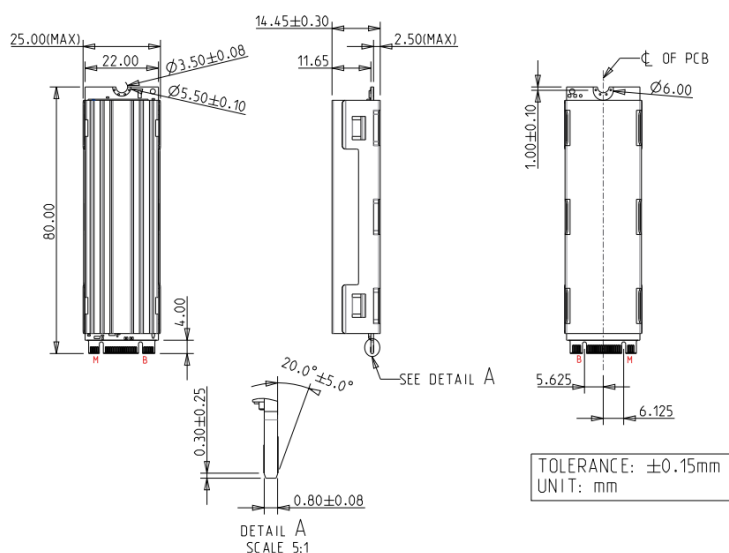
<b>Model Name</b>	M.2 (P80) 3IE8
<b>Flash Type</b>	iSLC (3D TLC)
<b>Interface</b>	PCIe Gen 3 x2
<b>Form Factor</b>	M.2 2280 B+M key
<b>Capacity</b>	40GB ~ 640GB
<b>Sequential R / W (MB/sec, max.)</b>	1,750 / 1,700
<b>P/E Cycle</b>	100,000
<b>TBW (Max.)</b>	35,663
<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Max. Power Consumption</b>	3.1W
<b>Max. Channels</b>	4
<b>External DRAM Buffer</b>	N
<b>H/W Write Protect</b>	N
<b>S.M.A.R.T.</b>	Y
<b>AES</b>	Y
<b>TCG Opal</b>	Y
<b>Dimension (W x L x H/mm)</b>	WT with heatsink: 25.0 x 80.0 x 14.5 Pure M.2: 22.0 x 80.0 x 2.78
<b>Vibration</b>	20G@7~2000Hz
<b>Shock</b>	1500G@0.5ms
<b>MTBF</b>	>3 million hours
<b>Warranty</b>	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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