

## M.2 (P80) 3TE8

### HIGHLIGHT FEATURES



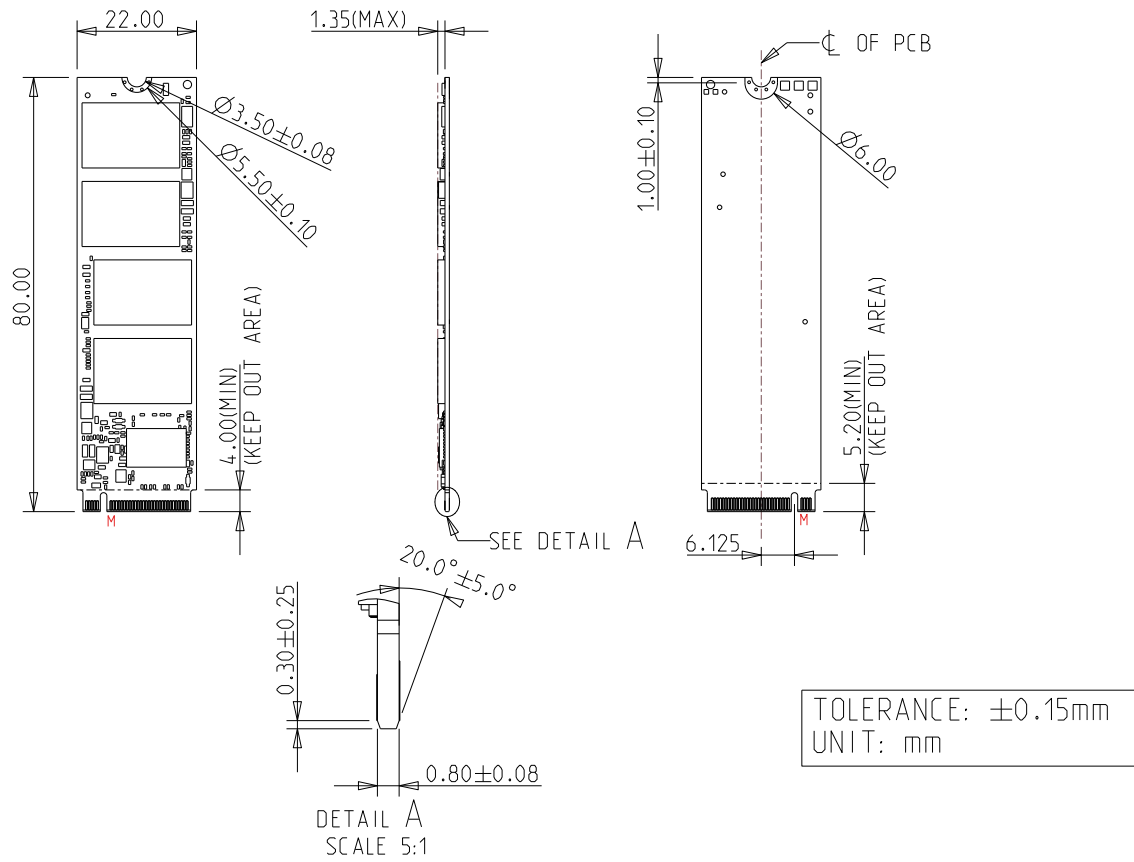
- PCIe Gen 3 x4, NVMe SSD
- Innodisk 3D TLC NAND
- Standard-temperature
- iData Guard
- Dynamic thermal management
- Hybrid write mode with SLC cache enable
- Support TCG Opal function

### SPECIFICATIONS

<b>Model Name</b>	M.2 (P80) 3TE8
<b>Flash Type</b>	3D TLC
<b>Interface</b>	PCIe Gen 3 x4
<b>Form Factor</b>	M.2 2280 M key
<b>Capacity</b>	128GB ~ 2TB
<b>Sequential R / W (MB/sec, max.)</b>	3,400 / 2,850
<b>P/E Cycle</b>	3,000
<b>TBW (Max.)</b>	2,304
<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Max. Power Consumption</b>	4.3W
<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>	22.0 x 80.0 x 2.15
<b>Vibration</b>	20G@7~2000Hz
<b>Shock</b>	1500G@0.5ms
<b>MTBF</b>	>3 million hours
<b>Warranty</b>	3 Years

## DIAGRAM

ST



## ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)
128GB	DEM28-A28DS2KCADLS
256GB	DEM28-B56DS2KCAQLS
512GB	DEM28-C12DS2KCAQLS
1TB	DEM28-01TDS2KCAQLS
2TB	DEM28-02TDS2KCAQLS

HQ (Taiwan) T +886-2-7703-3000 / E sales@innodisk.com

CN T +86-755-2167-3689 / E sales\_cn@innodisk.com

US T +1-510-770-9421 / E usasales@innodisk.com

EU T +31-40-3045-400 / E eusales@innodisk.com

JP T +81-3-6667-0161 / E jp\_sales@innodisk.com

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