

## M.2 (P110) 4TS2-P

### HIGHLIGHT FEATURES

- PCIe Gen 4 x4, NVMe 1.4
- PLP (iCell) technology for power loss protection
- Stable sustained performance
- LDPC ECC engine supported
- Dynamic Thermal Management

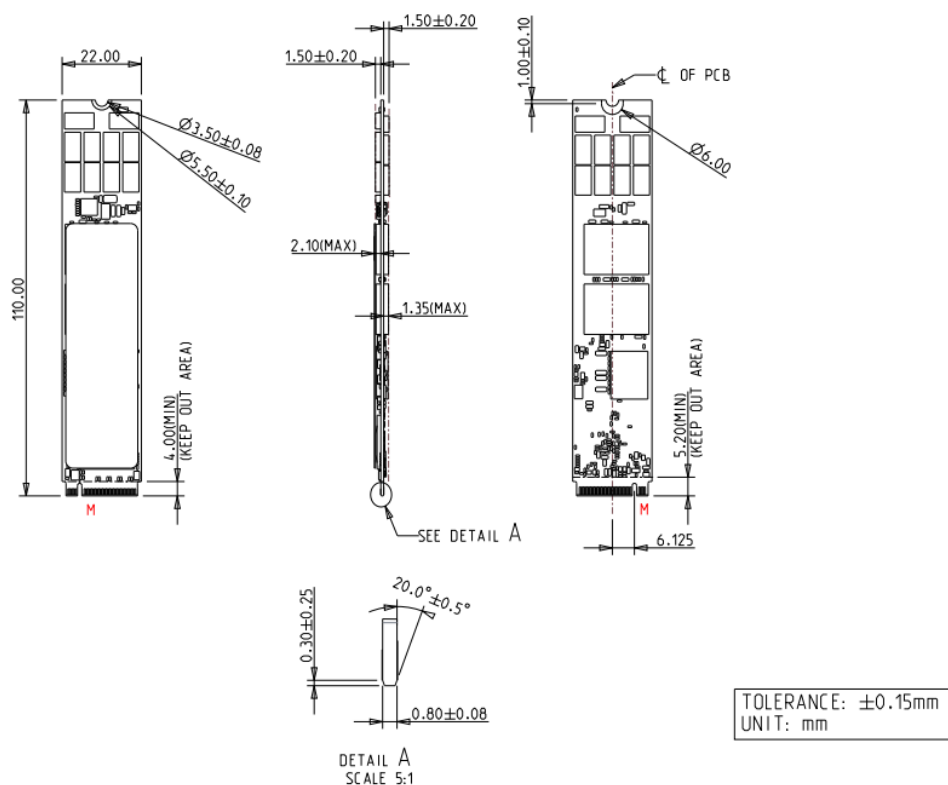


### SPECIFICATIONS

<b>Model Name</b>	M.2 (P110) 4TS2-P
<b>Flash Type</b>	3D TLC
<b>Interface</b>	PCIe Gen 4 x4
<b>Form Factor</b>	M.2 22110 M Key
<b>Capacity</b>	240GB ~ 1.92TB
<b>Sequential R / W (MB/sec, max.)</b>	6,600 / 1,550
<b>P/E Cycle</b>	7,000
<b>TBW (Max.)</b>	3,187 (DWPD=1)
<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Max. Power Consumption</b>	5.6W
<b>Max. Channels</b>	8
<b>External DRAM Buffer</b>	Y
<b>H/W Write Protect</b>	N
<b>S.M.A.R.T.</b>	Y
<b>AES</b>	Y (Optional)
<b>TCG Opal</b>	Y (Optional)
<b>Dimension (W x L x H/mm)</b>	Pure M.2 : 22.0 x 110.0 x 3.8 S/T with heat-spreading copper layer : 22.0 x 110.0 x 4.4
<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



## ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)
240GB	DSM21-240DP1NC#Q%P
480GB	DSM21-480DP1NC#E%P
960GB	DSM21-960DP1NCB&%P
1.92TB	DSM21-1T9DP1NCBE%P

Operation temperature based on temperature obtained from S.M.A.R.T.

For TCG Opal function, the PN Code 10th ~12th will be DP2.

#: BOM revision

&: Q=4-channel / E=8-channel.

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