

M.2 (P80) 4TS2-P

HIGHLIGHT FEATURES



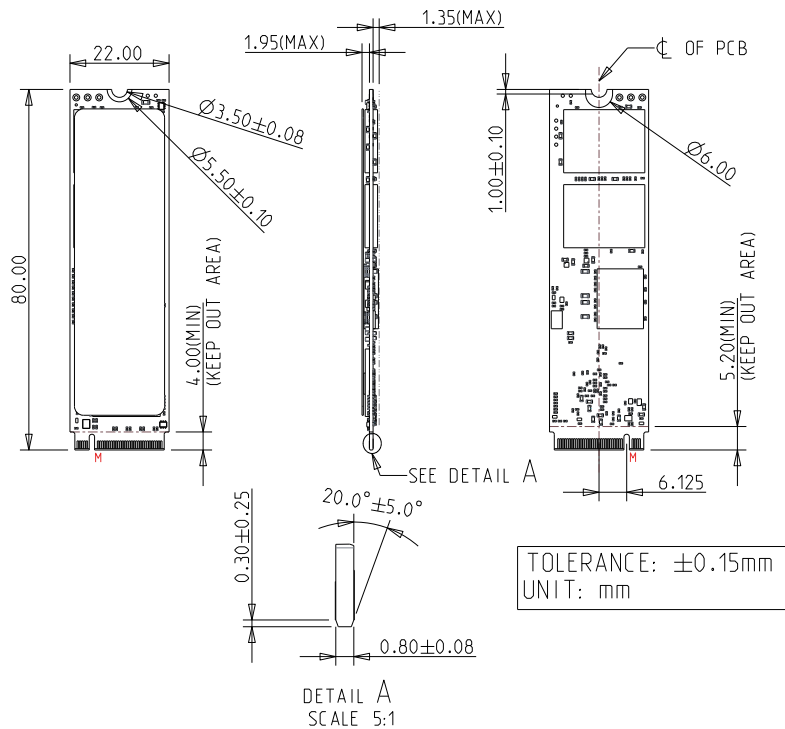
- PCIe Gen 4 x4, NVMe 1.4
- Stable sustained performance
- LDPC ECC engine supported
- Dynamic thermal management
- Support TCG Opal Function (Optional)

SPECIFICATIONS

Model Name	M.2 (P80) 4TS2-P	
Flash Type	3D TLC	
Interface	PCIe Gen 4 x4	
Form Factor	M.2 2280 M Key	
Capacity	200GB ~ 1.6TB	240GB ~ 1.92TB
Sequential R / W (MB/sec, max.)	6,800 / 4,650	
P/E Cycle	7,000	
TBW (Max.)	5,312 (DWPD=2)	3,187 (DWPD=1)
Storage Temperature	-40°C ~ 85°C	
Max. Power Consumption	9.3W	
Max. Channels	8	
External DRAM Buffer	Y	
H/W Write Protect	N	
S.M.A.R.T.	Y	
AES	Y (Optional)	
TCG Opal	Y (Optional)	
Dimension (W x L x H/mm)	S/T with heat-spreading copper layer : 22.0 x 80.0 x 3.3 Pure M.2 : 22.0 x 80.0 x 2.87	
Vibration	20G@[7 ~ 2000Hz]	
Shock	1500G@0.5ms	
MTBF	>3 million hours	
Warranty	5 Years	

DIAGRAM

ST



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)
200GB	DSM28-200DP1NCCQF
240GB	DSM28-240DP1NCCQF
400GB	DSM28-400DP1NCCEF
480GB	DSM28-480DP1NCCEF
800GB	DSM28-800DP1NCCEF
960GB	DSM28-960DP1NCCEF
1.6TB	DSM28-1T6DP1NCCEF
1.92TB	DSM28-1T9DP1NCCEF

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

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