

M.2 (S80) 3TS9-P

HIGHLIGHT FEATURES

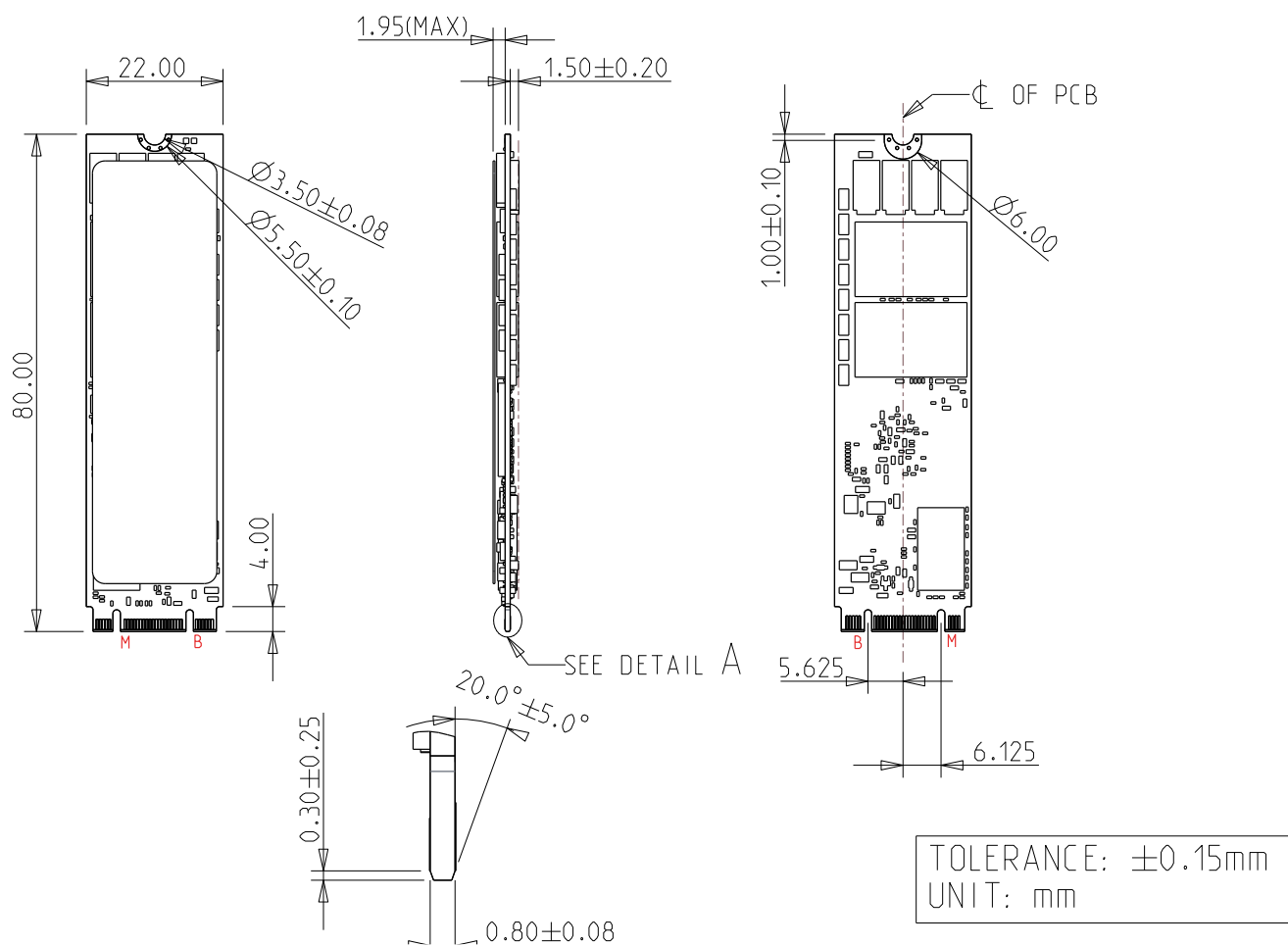


- SATA III solution for data center
- Reliable 3D TLC NAND Flash
- PLP (iCell) technology for power loss protection
- Supports iPower Guard & iData Guard
- Supports SSD self-monitoring
- End-to-End data protection

SPECIFICATIONS

Model Name	M.2 (S80) 3TS9-P
Flash Type	3D TLC
Interface	SATA III 6.0 Gb/s
Form Factor	M.2 2280 B+M key
Capacity	240GB ~ 1.92TB
Sequential R / W (MB/sec, max.)	540 / 530
P/E Cycle	7,000
TBW (Max.)	3,618 (Enterprise Workload)
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	3.0W
Max. Channels	4
External DRAM Buffer	Y
H/W Write Protect	N
S.M.A.R.T.	Y
AES	N
TCG Opal	N
Dimension (W x L x H/mm)	22.0 X 80.0 X 4.25
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	5 Years

DIAGRAM



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)
240GB	DSM28-240DT1NCBQFP
480GB	DSM28-480DT1NCBQFP
960GB	DSM28-960DT1NCBQFP
1.92TB	DSM28-1T9DT1NCBQFP

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