

M.2 (S80) 3TG6-P

HIGHLIGHT FEATURES

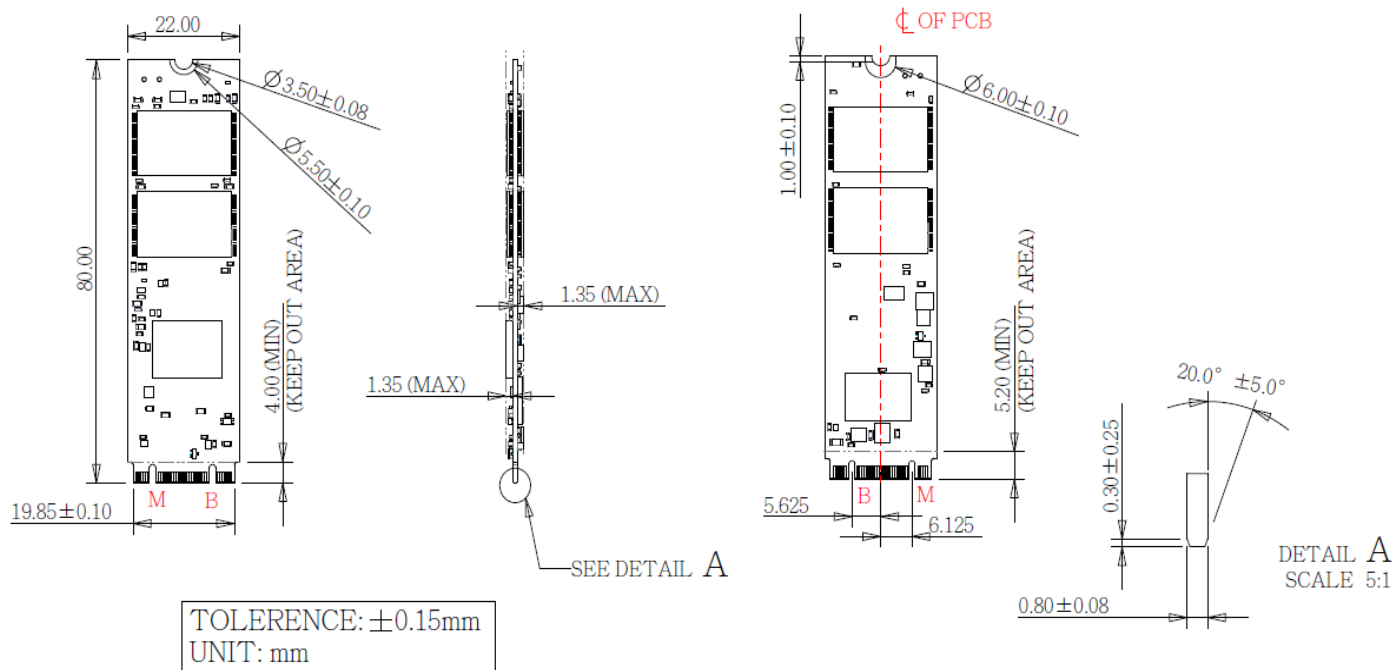


- SATA III solution for industrial field
- High IOPS
- Excellent random performance
- End to end data path protection
- iData Guard for abnormal power failure
- Compatible with M.2 2280-D2-B-M standard

SPECIFICATIONS

Model Name	M.2 (S80) 3TG6-P
Flash Type	3D TLC
Interface	SATA III 6.0 Gb/s
Form Factor	M.2 2280 B+M key
Capacity	128GB ~ 2TB
Sequential R / W (MB/sec, max.)	510 / 400
P/E Cycle	3,000
TBW (Max.)	4,615
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	2.9W
Max. Channels	4
External DRAM Buffer	Y
H/W Write Protect	Y (Optional)
S.M.A.R.T.	Y
AES	Y (Optional)
TCG Opal	Y (Optional)
Dimension (W x L x H/mm)	22.0 x 80.0 x 3.8
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	3 Years

DIAGRAM



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
128GB	DGM28-A28M71%C*DL(S)	DGM28-A28M71%W*DL(S)
256GB	DGM28-B56M71%C*DL(S)	DGM28-B56M71%W*DL(S)
512GB	DGM28-C12M71%C*QL(S)	DGM28-C12M71%W*QL(S)
1TB	DGM28-01TM71%C*Q#(S)	DGM28-01TM71%W*Q#(S)
2TB	DGM28-02TM71%C*Q#	DGM28-02TM71%W*Q#

%. E : 64 layers 3D TLC / K : 112 layers 3D TLC

*. PCB version control

#. Flash config.

S. Single sided

For TCG OPAL function, the PN Code 10th ~ 12th will be M72.

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