

M.2 (S80) 3MG2-P

HIGHLIGHT FEATURES

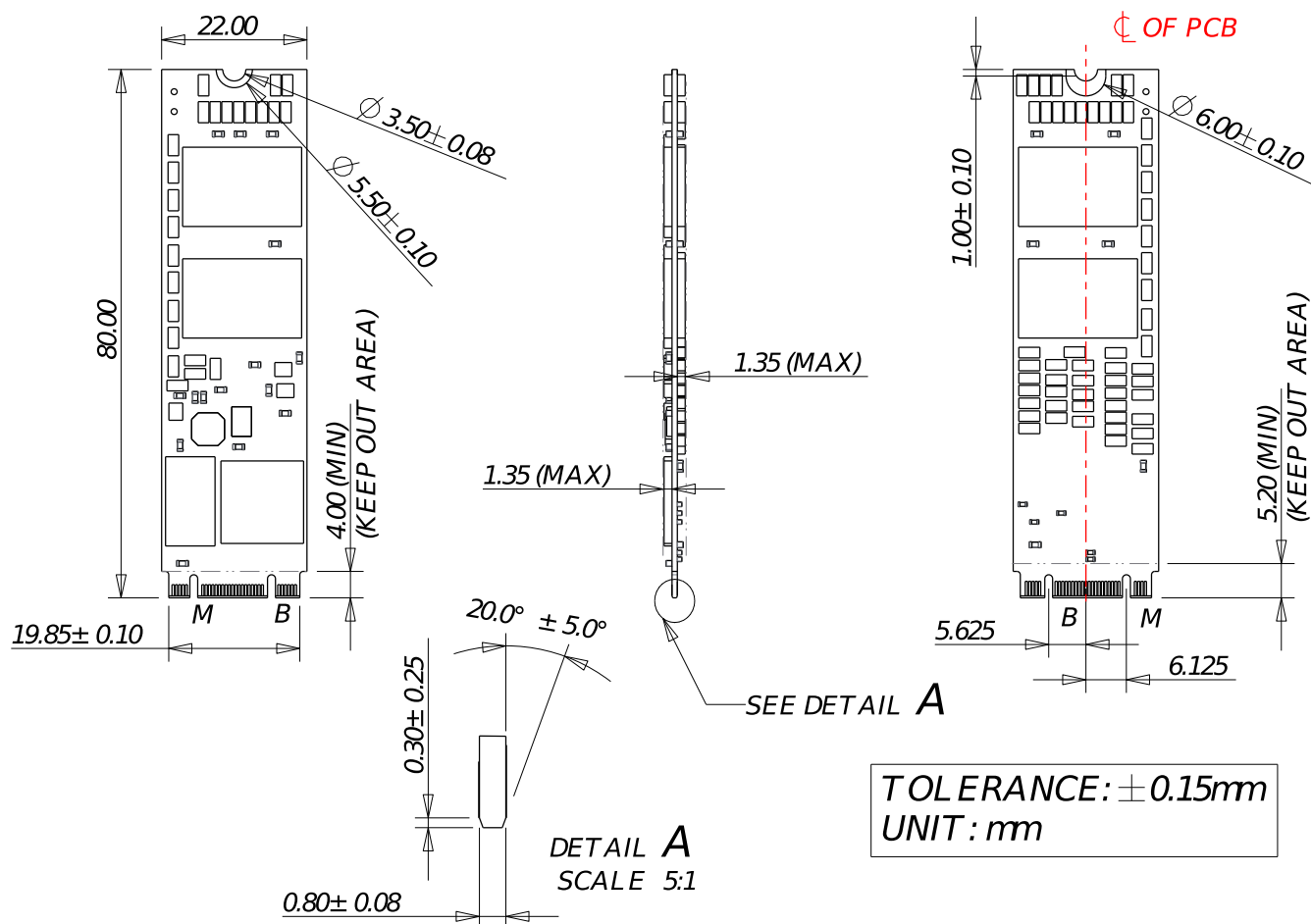


- SATA III solution for industrial field
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Anti-vibration mechanical design
- Supports wide temperature from -40°C to 85°C

SPECIFICATIONS

Model Name	M.2 (S80) 3MG2-P
Flash Type	MLC
Interface	SATA III 6.0 Gb/s
Form Factor	M.2 2280 B+M Key
Capacity	32GB ~ 1TB
Sequential R / W (MB/sec, max.)	530 / 450
P/E Cycle	3,000
TBW (Max.)	1,172
Storage Temperature	-55°C ~ 95°C
Max. Power Consumption	4.6W
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 3.5
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)
32GB	DGM28-32GD81BCBDC	DGM28-32GD81BWBDC
64GB	DGM28-64GD81BCBQC(P)	DGM28-64GD81BWBQC(P)
128GB	DGM28-A28D81BCBQC(P)	DGM28-A28D81BWBQC(P)
256GB	DGM28-B56D81BCBQC(P)	DGM28-B56D81BWBQC(P)
512GB	DGM28-C12D81BCBQC(P)	DGM28-C12D81BWBQC(P)
1TB	DGM28-01TD81BCBQC	DGM28-01TD81BWBQC

(P) : PLP (iCell) (Optional)

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