



M.2 (S42) 3ME4

HIGHLIGHT FEATURES

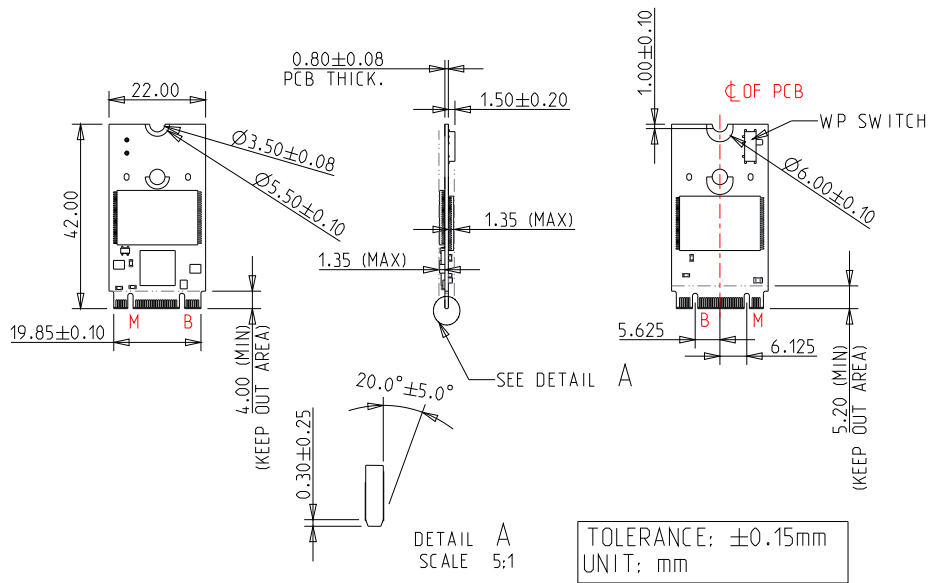
- SATA III solution for industrial field
- DRAM-less, 100% data integrity
- Excellent random performance
- Supports TRIM / NCQ / S.M.A.R.T.
- Designed with hardware LDPC ECC engine
- Supports wide temperature from -40°C to 85°C

SPECIFICATIONS

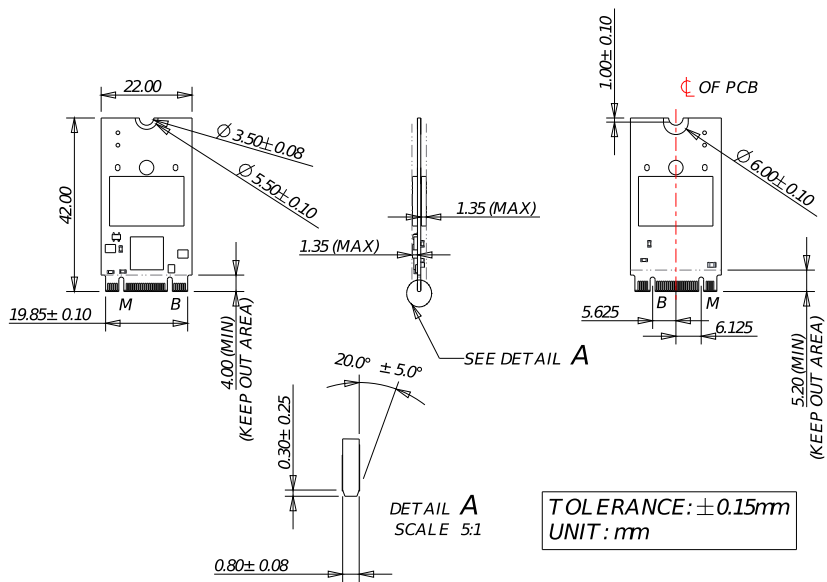
Model Name	M.2 (S42) 3ME4
Flash Type	MLC
Interface	SATA III 6.0 Gb/s
Form Factor	M.2 2242 B+M Key
Capacity	8GB ~ 256GB
Sequential R / W (MB/sec, max.)	530 / 210
P/E Cycle	3,000
TBW (Max.)	416
Storage Temperature	-55°C ~ 95°C
Max. Power Consumption	1.4W
Max. Channels	2
External DRAM Buffer	N
H/W Write Protect	Y (Optional)
S.M.A.R.T.	Y
AES	N
TCG Opal	N
Dimension (W x L x H/mm)	22.0 x 42.0 x 3.65
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	2 Years

DIAGRAM

8GB~128GB



256GB



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
8GB	DEM24-08GM41BC1SC	DEM24-08GM41BW1SC
16GB	DEM24-16GM41BC1&C	DEM24-16GM41BW1&C
32GB	DEM24-32GM41BC1DC	DEM24-32GM41BW1DC
64GB	DEM24-64GM41BC1DC	DEM24-64GM41BW1DC
128GB	DEM24-A28M41BC1DC	DEM24-A28M41BW1DC
256GB	DEM24-B56M41BCADC	DEM24-B56M41BWADC

&. S : 1 channel / D : 2 channels

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