



M.2 (S42) 3IE6-P

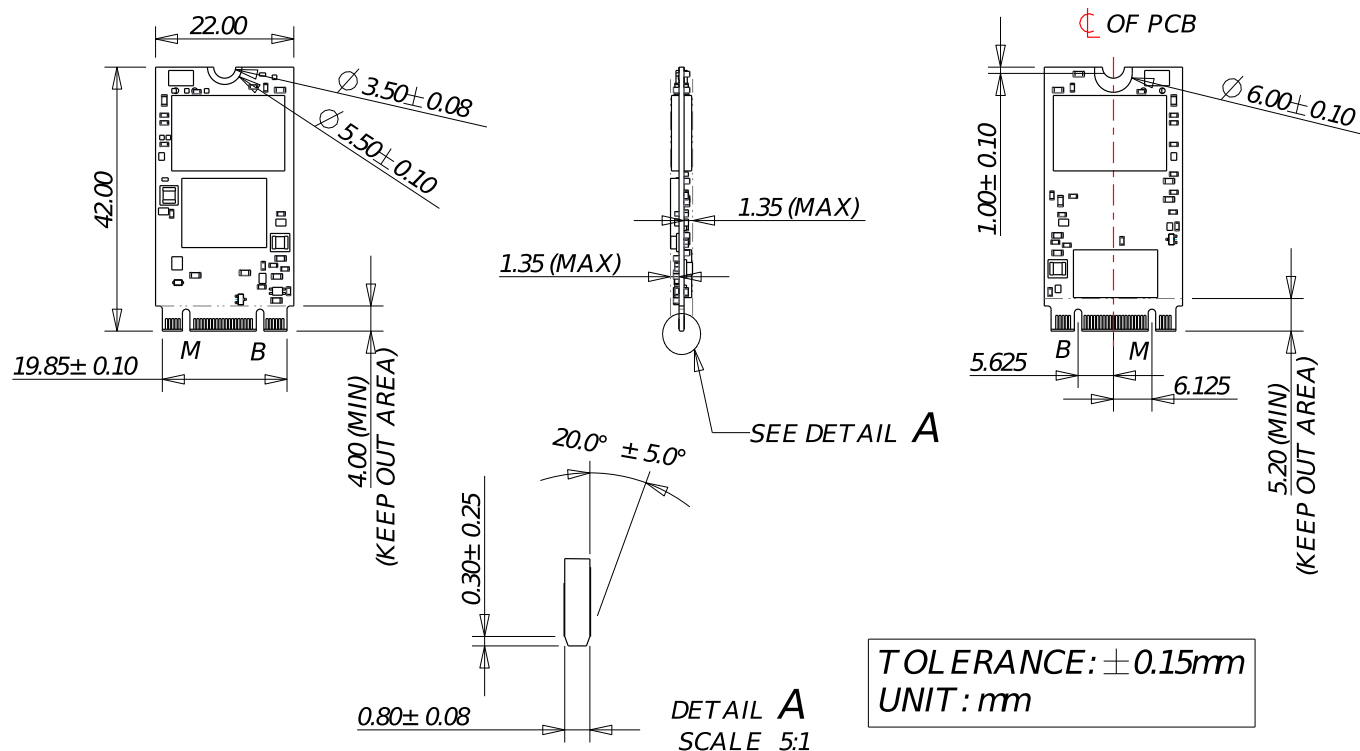
HIGHLIGHT FEATURES

- SATA III solution for industrial field
- AES 256-bit encryption
- Excellent random performance
- Supports TRIM / NCQ / S.M.A.R.T.
- Ultra iSLC technology
- Built in iData Guard

SPECIFICATIONS

Model Name	M.2 (S42) 3IE6-P
Flash Type	iSLC (3D TLC)
Interface	SATA III 6.0 Gb/s
Form Factor	M.2 2242 B+M Key
Capacity	80GB ~ 160GB
Sequential R / W (MB/sec, max.)	550 / 490
P/E Cycle	100,000
TBW (Max.)	14,580
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	2.0W
Max. Channels	4
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)	22.0 x 42.0 x 3.5
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)	Industrial Grade (-40°C ~ 85°C)
80GB	DHM24-80GM71EC*QF	DHM24-80GM71EW*QF
160GB	DHM24-A60M71EC*QF	DHM24-A60M71EW*QF

*. PCB version control

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