



M.2 (S42) 3IE2-P

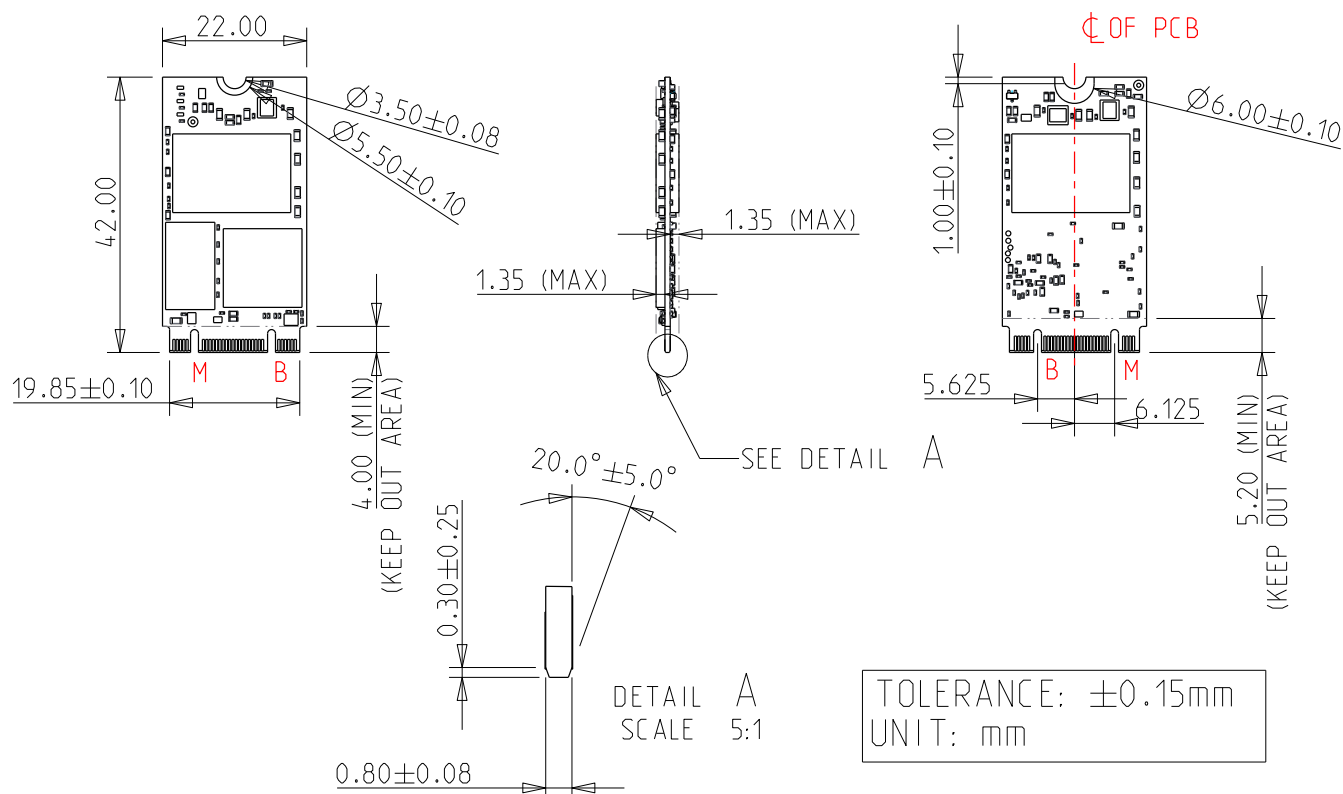
HIGHLIGHT FEATURES

- SATA 6.0Gb/s interface
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Zero mechanical interference
- Anti-vibration mechanical design

SPECIFICATIONS

Model Name	M.2 (S42) 3IE2-P
Flash Type	iSLC (MLC)
Interface	SATA III 6.0 Gb/s
Form Factor	M.2 2242 B+M Key
Capacity	16GB ~ 128GB
Sequential R / W (MB/sec, max.)	560 / 450
P/E Cycle	20,000
TBW (Max.)	1,250
Storage Temperature	-55°C ~ 95°C
Max. Power Consumption	1.1W
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)
16GB	DHM24-16GD81BCADC	DHM24-16GD81BWADC
32GB	DHM24-32GD81BCAQC	DHM24-32GD81BWAQC
64GB	DHM24-64GD81BCAQC	DHM24-64GD81BWAQC
128GB	DHM24-A28D81BCAQC	DHM24-A28D81BWAQC

HQ (Taiwan) T +886-2-7703-3000 / E sales@innodisk.com

CN T +86-755-2167-3689 / E sales_cn@innodisk.com

US T +1-510-770-9421 / E usasales@innodisk.com

EU T +31-40-3045-400 / E eusales@innodisk.com

JP T +81-3-6667-0161 / E jp_sales@innodisk.com

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