



M.2 (P42) 3IE8

HIGHLIGHT FEATURES

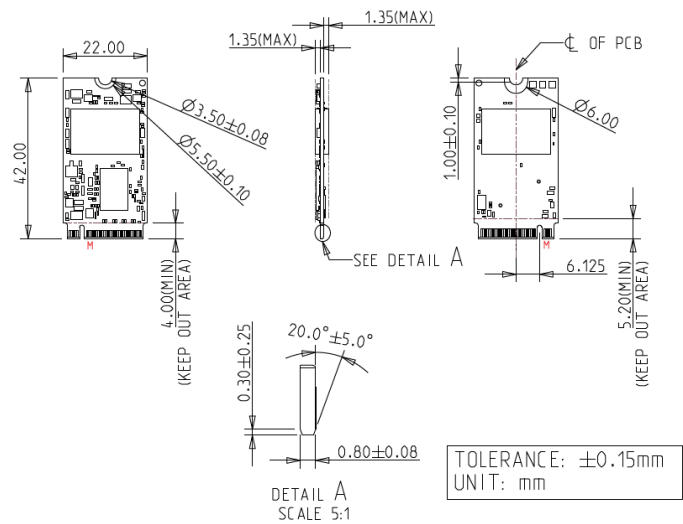
- PCIe Gen 3 x4, NVMe SSD
- Innodisk 3D TLC NAND
- Standard & Wide-temperature
- iPower Guard / iData Guard
- Dynamic thermal management
- Ultra iSLC technology
- Support TCG Opal function

SPECIFICATIONS

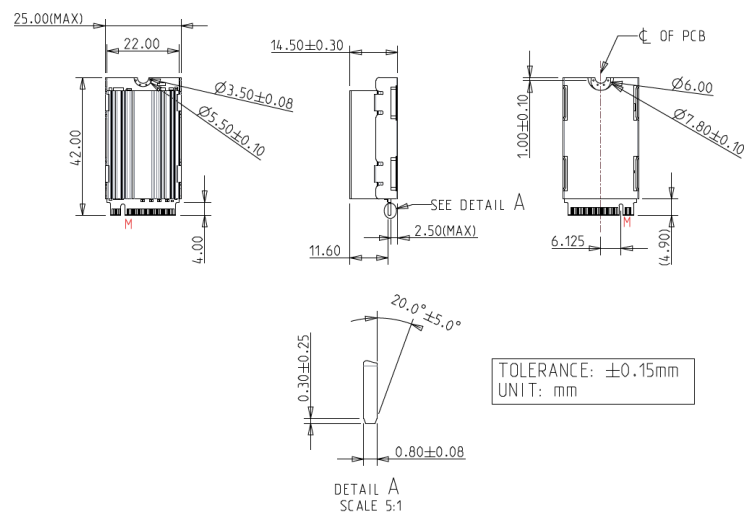
Model Name	M.2 (P42) 3IE8
Flash Type	iSLC (3D TLC)
Interface	PCIe Gen 3 x4
Form Factor	M.2 2242 M key
Capacity	40GB ~ 320GB
Sequential R / W (MB/sec, max.)	3,350 / 1,950
P/E Cycle	100,000
TBW (Max.)	14,971
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	4.1W
Max. Channels	4
External DRAM Buffer	N
H/W Write Protect	N
S.M.A.R.T.	Y
AES	Y
TCG Opal	Y
Dimension (W x L x H/mm)	WT with heatsink: 25.0 x 42.0 x 14.5 Pure M.2: 22.0 x 42.0 x 2.78
Vibration	20G@7~2000Hz
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	5 Years

DIAGRAM

ST



WT



Note: The appearance of silicone oil seeping out from the inside of the thermal pad is a normal occurrence. Silicone oil is not electrically conductive, so it does not impact the functionality of SSD.

ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
40GB	DHM24-40GDS2KCADL	DHM24-40GDS2KWADLH
80GB	DHM24-80GDS2KCAQL	DHM24-80GDS2KWAQLH
160GB	DHM24-A60DS2KCAQL	DHM24-A60DS2KWAQLH
320GB	DHM24-D2GDS2KCAQL	DHM24-D2GDS2KWAQLH

