

M.2 (S80)

3IE2-P series

Specifications

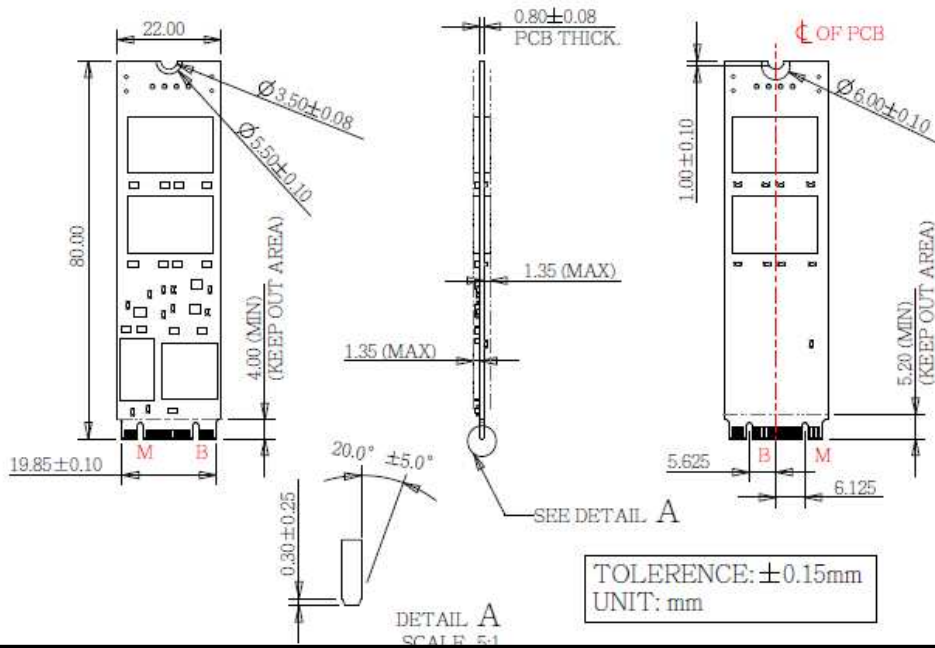
Interface	SATA III
Flash Type	iSLC
P/E cycle	20,000
Capacity	32GB~512GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	560 / 450
Max. Power Consumption	1.4A (3.3V x 435mA)
Thermal Sensor	√
External DRAM buffer	√
H/W Write Protect	Optional, 512GB:N/A
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	22.0 X 80.0 X 3.5 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

Ordering Information

Operation Temp.	32GB	64GB	128GB	256GB	512GB
Standard Grade (0°C ~ +70°C)	DHM28-32GD81BCBQC	DHM28-64GD81BCBQC	DHM28-128D81BCBQC	DHM28-B56D81BCBQC	DHM28-C12D81BCBQC
Industrial Grade (-40°C ~ +85°C)	DHM28-32GD81BWBQC	DHM28-64GD81BWBQC	DHM28-128D81BWBQC	DHM28-B56D81BWBQC	DHM28-C12D81BWBQC

Diagram

152 ball BGA type (32GB-256GB)



132 ball BGA type (512GB)

