

Datasheet

# M.2 (S80) 3TS5-P series

- SATA III solution for server field
- High endurance
- High IOPS with 3D NAND solution
- iData Guard for abnormal power failure
- SMART disk health monitoring



## Introduction

Innodisk M.2 (S80) 3TS5-P is designed for server field. It effectively reduces the booting time of operation system and has less power consumption compared to hard disk drive (HDD). The great benefit of M.2 (S80) 3TS5-P is to be configured as a SATA boot device with no requirement on additional driver and without using a drive bay, making it perfect for server applications.

Innodisk M.2 (S80) 3TS5-P is designed as the standard M.2 form factor with SATA interface, and supports SATA III standard (6.0Gb/s) with excellent performance. It is equipped RAID engine to offer additional level of data protection for exceptional reliability.

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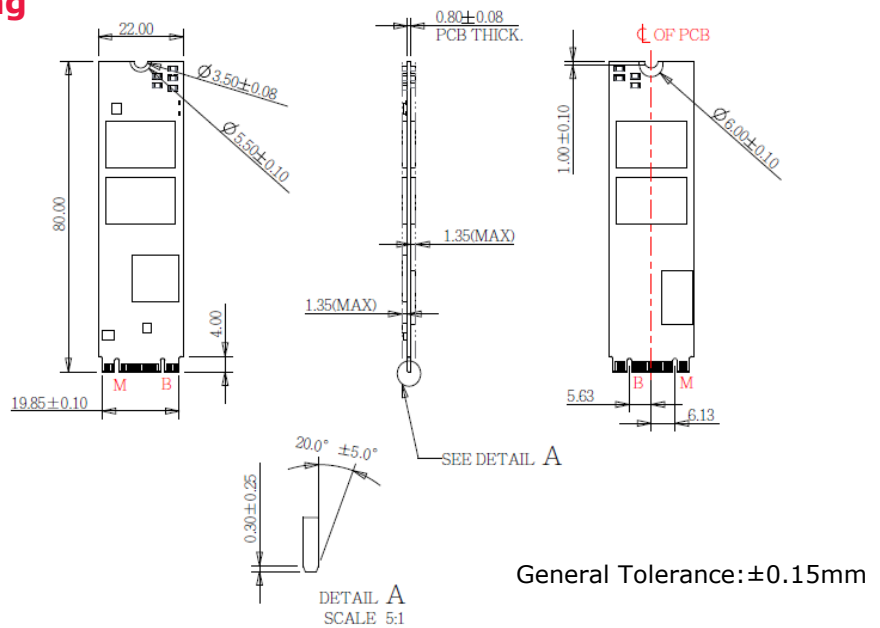


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# M.2 (S80) 3TS5-P series

## Drawing



## Specifications

Interface	SATA III
Flash Type	3D TLC
P/E cycle	10,000
Capacity	256GB~512GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	560 / 500
Max. Power Consumption	2W (3.3V x 620mA )
Thermal Sensor	✓
External DRAM buffer	✓
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

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## Ordering Information

Operation Temp.	256GB	512GB
Standard Grade (0°C ~ +70°C)	DSM28- B56D21ECAQH	DSM28- C12D21ECAQH

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