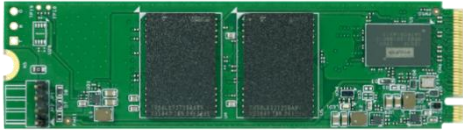


M.2 (P80) 3TO8

HIGHLIGHT FEATURES

- PCIe Gen 3 x4, NVMe SSD
- iData Guard / iPower Guard
- Dynamic thermal management
- The world's first SSD dedicates to system recovery
- Firmware level back up to prevent compatibility issue
- Supports hardware GPIO and software triggering
- Reserved GPIO pins to accommodate your system design

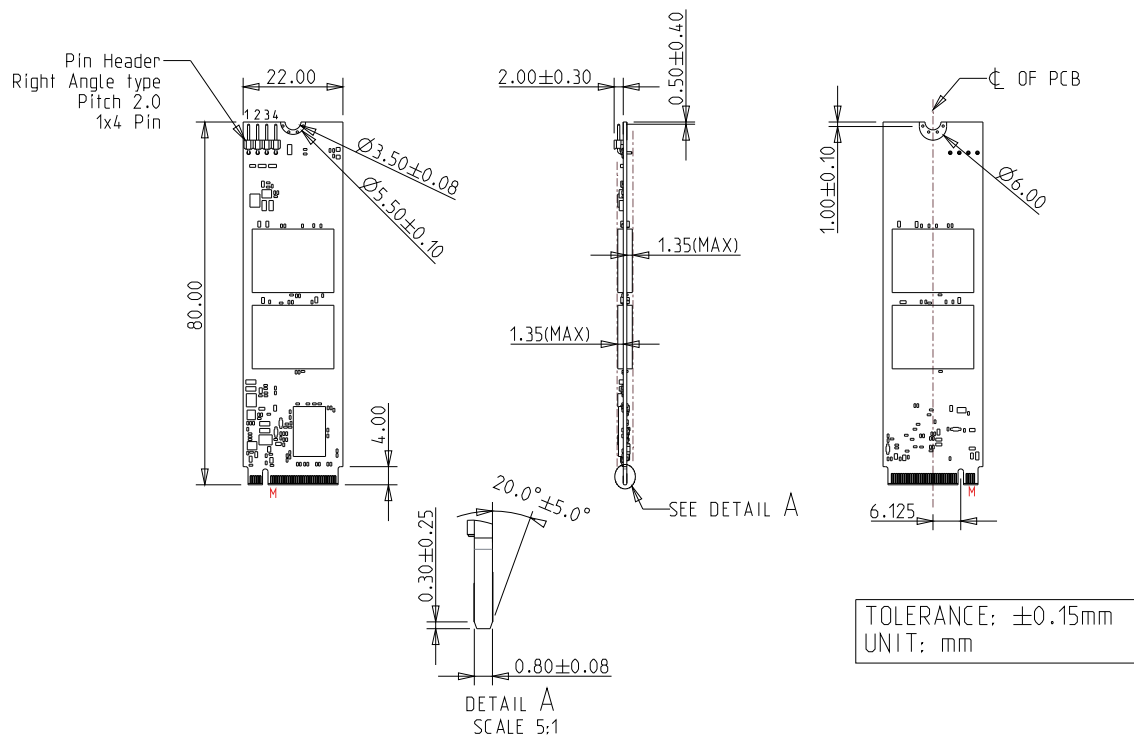


SPECIFICATIONS

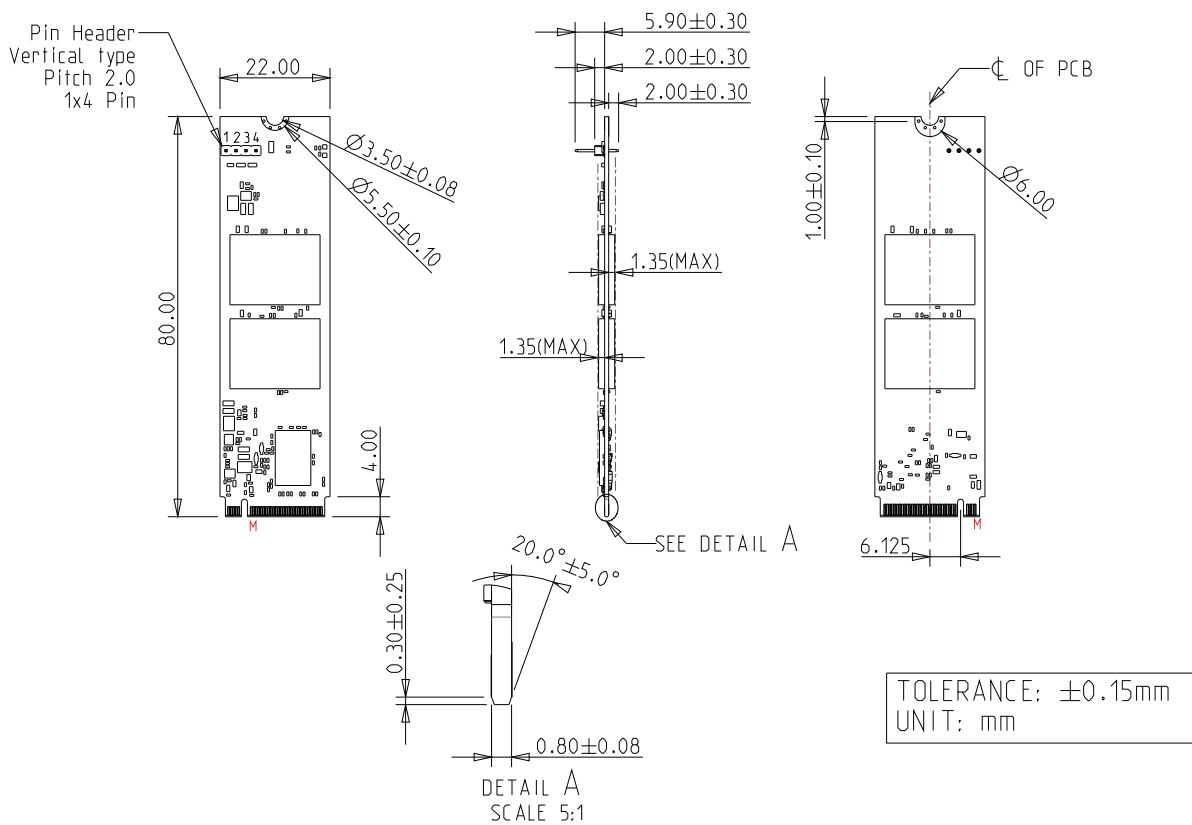
Model Name	InnoOSR M.2 (P80) 3TO8
Flash Type	3D TLC
Interface	PCIe Gen 3 x4
Form Factor	M.2 2280 M key
Capacity	128GB ~ 2TB
Sequential R / W (MB/sec, max.)	3,550 / 2,700
P/E Cycle	3,000
TBW (Max.)	2,304
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	5.8W
Max. Channels	4
External DRAM Buffer	N
H/W Write Protect	N
S.M.A.R.T.	Y
AES	Y
TCG Opal	N
Dimension (W x L x H/mm)	Horizontal pin header: 22.0 x 80.0 x 4.15 Vertical pin header: 22.0 x 80.0 x 8.7
Vibration	20G@7~2000Hz
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	3 Years

DIAGRAM

Horizontal Pin Headers

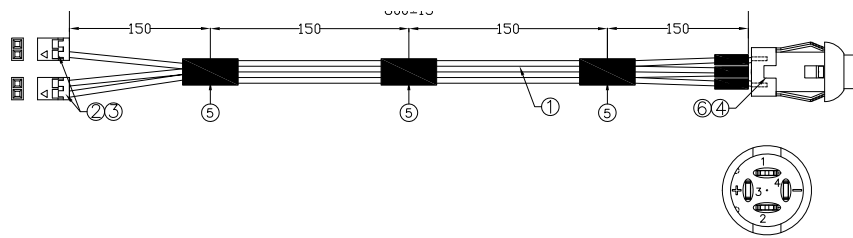


Vertical Pin Headers



DIAGRAM

Cable



*Push-button cable is not included in above standard InnoOSR product PN but can be order separately for trial purpose

ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)
128GB	DUM28-A28DS1KC*DFXXG
256GB	DUM28-B56DS1KC*QFXXG
512GB	DUM28-C12DS1KC*QFXXG
1TB	DUM28-01TDS1KC*QFXXG
2TB	DUM28-02TDS1KC*QFXXG

*: A : Horizontal Pin Headers / B : Vertical Pin Headers
XXG: 10G, 20G, 30G, 60G or 90G

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

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