



InnoOSR M.2 (S42) 3TO7

HIGHLIGHT FEATURES

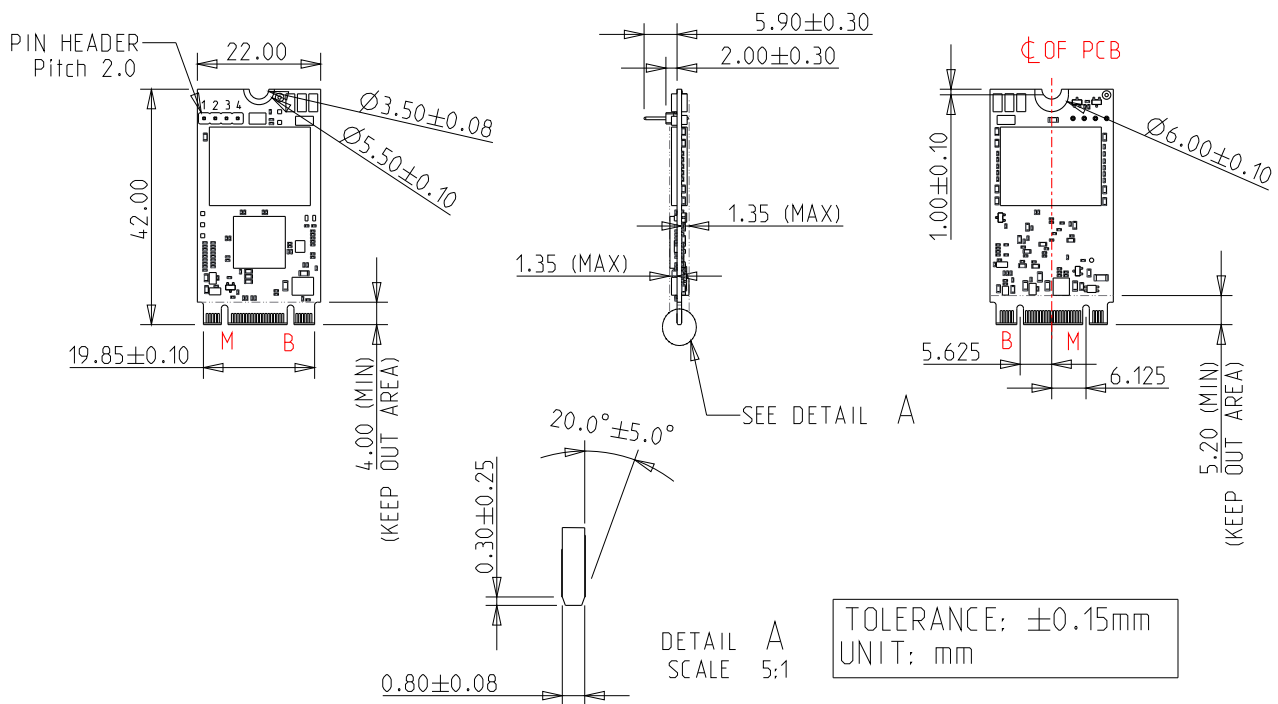
- The World's First SSD Dedicates to System Recovery
- Firmware Level Back Up to Prevent Compatibility Issue
- 24/7 Autonomous Monitoring with No Human
- Supports Hardware GPIO and Software Triggering
- Recovery with a Single Click

SPECIFICATIONS

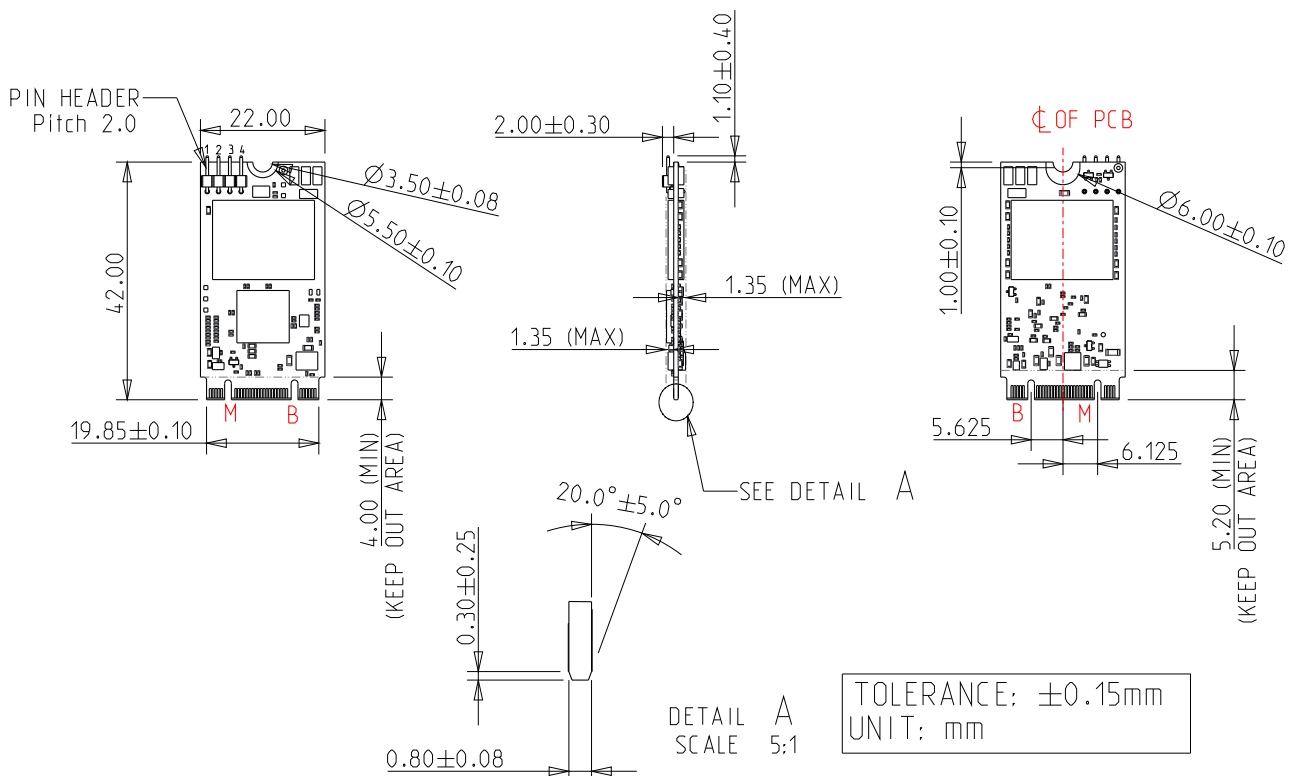
Model Name	InnoOSR M.2 (S42) 3TO7
Flash Type	3D TLC
Interface	SATA III 6.0 Gb/s
Form Factor	M.2 2242 B+M Key
Capacity	32GB ~ 1TB
Sequential R / W (MB/sec, max.)	540 / 480
P/E Cycle	3,000
TBW (Max.)	1,200
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	1.4W
Max. Channels	4
External DRAM Buffer	N
H/W Write Protect	N
S.M.A.R.T.	Y
AES	N
TCG Opal	N
Dimension (W x L x H/mm)	Vertical Pin Headers: 22.0 x 42.0 x 8.05 Horizontal Pin Headers: 22.0 x 42.0 x 4.15
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	3 Years

DIAGRAM

Vertical Pin Headers



Horizontal Pin Headers



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

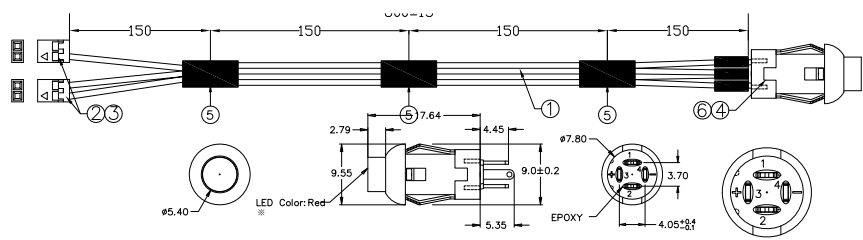
EU T +31-40-3045-400 / E eusales@innodisk.com

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

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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)	Industrial Grade (-40°C ~ 85°C)
32GB	DUM24-32GDK1EC*SFXXG	DUM24-32GDK1EW*SFXXG
64GB	DUM24-64GDK1EC*DFXXG	DUM24-64GDK1EW*DFXXG
128GB	DUM24-A28DK1%C*&FXXG	DUM24-A28DK1%W*&FXXG
256GB	DUM24-B56DK1%C*QFXXG	DUM24-B56DK1%W*QFXXG
512GB	DUM24-C12DK1%C*QFXXG	DUM24-C12DK1%W*QFXXG
1TB	DUM24-01TDK1KC*QFXXG	DUM24-01TDK1KW*QFXXG

%: E : 64 layers 3D TLC / K : 112 layers 3D TLC
*: 1 or A : Horizontal Pin Headers / 2 or B : Vertical Pin Headers
&. S : 1 channel / D : 2 channels / Q : 4 channels
XXG: 10G~30G, 60G or 90G

