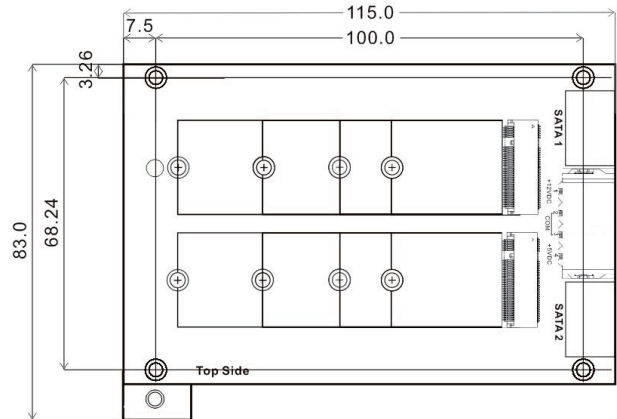


# SATA III x2 to M.2 (NGFF) SSD x2 Adapter



## Dimensions (unit:mm)



## Order Information

|             |   |
|-------------|---|
| Part No.    | S2035E  |
| Description | SATA III x2 to M.2 NGFF SSD Dual-port Adapter with 3.5" Bracket |

## Specifications

- M.2 (NGFF) to SATA III Module
- Support SATA Reversion 3.2
- Compliant with PCI Express M.2 Spec. Version 1.0
- PWM synchronous buck converter Power IC
  - 3A maximum output current
  - Short circuit protection
  - In-rush current suppression
  - Thermal shutdown protection
  - ESD HBM (Human Body Mode)/2KV

## Support M.2(NGFF) Form factor

- Type 2280-D2-B-M: 80mm(L) x 22mm(W)
- Type 2260-D2-B-M: 60mm(L) x 22mm(W)
- Type 2242-D2-B-M: 42mm(L) x 22mm(W)
- Type 2230-D2-B-M: 30mm(L) x 22mm(W)

## M.2 SSD Module pinout

|    |                           |                |                    |
|----|---------------------------|----------------|--------------------|
| 74 | 3.3V                      | CONFIG_2 = GND | 75                 |
| 72 | 3.3V                      | GND            | 73                 |
| 70 | 3.3V                      | GND            | 71                 |
| 68 | SUSCLK(32kHz) (I)(0/3.3V) | CONFIG_1 = GND | 69                 |
|    | Module Key                | N/C            | 67                 |
|    | Module Key                | Module Key     | <b>M Key notch</b> |
|    | Module Key                | Module Key     |                    |
|    | Module Key                | Module Key     |                    |
|    | Module Key                | Module Key     |                    |
| 58 | Reserved for MFG Clock    | GND            | 57                 |
| 56 | Reserved for MFG Data     | N/C            | 55                 |
| 54 | N/C                       | N/C            | 53                 |
| 52 | N/C                       | GND            | 51                 |
| 50 | N/C                       | SATA-A+        | 49                 |
| 48 | N/C                       | SATA-A-        | 47                 |
| 46 | N/C                       | GND            | 45                 |
| 44 | N/C                       | SATA-B-        | 43                 |
| 42 | N/C                       | SATA-B+        | 41                 |
| 40 | N/C                       | GND            | 39                 |
| 38 | DEVSLP (I)(0/3.3V)        | N/C            | 37                 |
| 36 | N/C                       | N/C            | 35                 |
| 34 | N/C                       | GND            | 33                 |
| 32 | N/C                       | N/C            | 31                 |
| 30 | N/C                       | N/C            | 29                 |
| 28 | N/C                       | GND            | 27                 |
| 26 | N/C                       | N/C            | 25                 |
| 24 | N/C                       | N/C            | 23                 |
| 22 | N/C                       | CONFIG_0 = GND | 21                 |
|    | Module Key                | Module Key     | <b>B Key notch</b> |
|    | Module Key                | Module Key     |                    |
|    | Module Key                | Module Key     |                    |
|    | Module Key                | Module Key     |                    |
| 10 | DAS/DSS# (O)(OD)          | N/C            | 11                 |
| 8  | N/C                       | N/C            | 9                  |
| 6  | N/C                       | N/C            | 7                  |
| 4  | 3.3V                      | N/C            | 5                  |
| 2  | 3.3V                      | GND            | 3                  |
|    |                           | CONFIG_3 = GND | 1                  |

Socket 2 SATA-based SSD Module Pinout