



## SATADOM-SH 3IE7

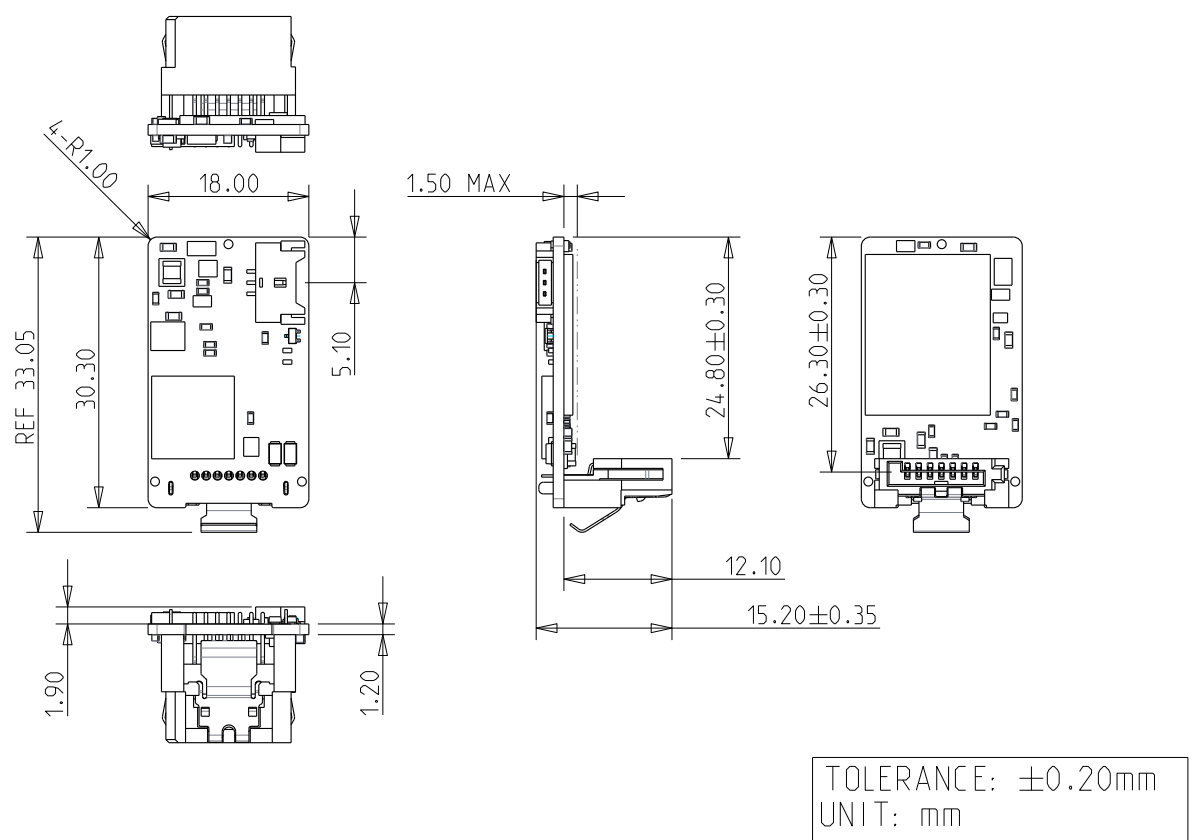
### HIGHLIGHT FEATURES

- SATA III solution for industrial field
- Ultra iSLC technology
- DRAM-less, 100% data integrity
- Excellent random performance
- Designed with hardware LDPC ECC engine
- Built-in Pin 8 power supply
- Supports wide temperature from -40°C to 85°C

### SPECIFICATIONS

|                                 |                     |
|---------------------------------|---------------------|
| Model Name                      | SATADOM-SH 3IE7     |
| Flash Type                      | iSLC (3D TLC)       |
| Interface                       | SATA III 6.0 Gb/s   |
| Form Factor                     | SATADOM-SH          |
| Capacity                        | 20GB ~ 160GB        |
| Sequential R / W (MB/sec, max.) | 550 / 480           |
| P/E Cycle                       | 100,000             |
| TBW (Max.)                      | 10,000              |
| Storage Temperature             | -40°C ~ 85°C        |
| Max. Power Consumption          | 1.5W                |
| Max. Channels                   | 2                   |
| External DRAM Buffer            | N                   |
| H/W Write Protect               | N                   |
| S.M.A.R.T.                      | Y                   |
| AES                             | Y (Optional)        |
| TCG Opal                        | N                   |
| Dimension (W x L x H/mm)        | 33.05 x 18.0 x 15.2 |
| Vibration                       | 20G@[7 ~ 2000Hz]    |
| Shock                           | 1500G@0.5ms         |
| MTBF                            | >3 million hours    |
| Warranty                        | 5 Years             |

DIAGRAM



ORDER INFO.

| Operating Temperature | Standard Grade (0°C ~ 70°C) | Industrial Grade (-40°C ~ 85°C) |
|-----------------------|-----------------------------|---------------------------------|
| 20GB                  | DHSSH-20GDK1KCASL*          | DHSSH-20GDK1KWASL*              |
| 40GB                  | DHSSH-40GDK1KCADL*          | DHSSH-40GDK1KWADL*              |
| 80GB                  | DHSSH-80GDK1KCADL*          | DHSSH-80GDK1KWADL*              |
| 160GB                 | DHSSH-A60DK1KCADL*          | DHSSH-A60DK1KWADL*              |

\*PN end with A : Pin 8 + power cable / B : Pin 8 + Pin 7

