



## SATADOM-MV 3ME3

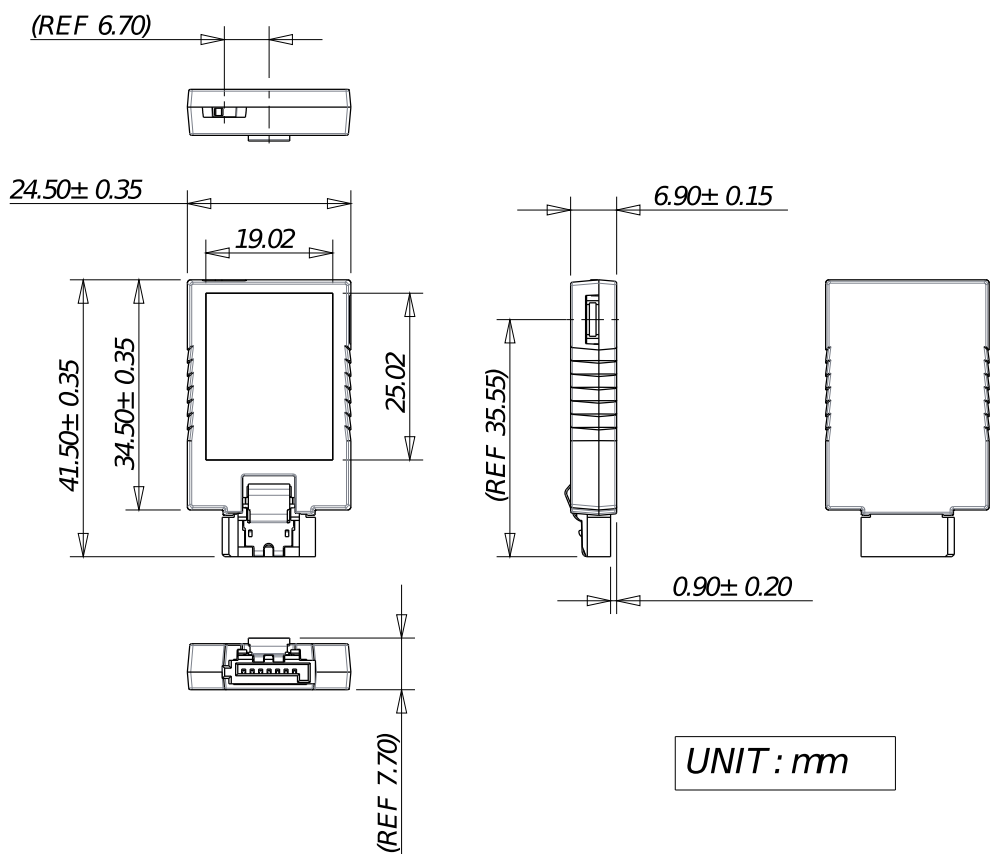
### HIGHLIGHT FEATURES

- SATA 6.0Gb/s interface
- High IOPS to reduce boot up timing
- Built-in Pin 7 power supply
- DRAM-less, 100% data integrity
- Innovative firmware algorithm
- Built in iData Guard
- Supports wide temperature from -40°C to 85°C

### SPECIFICATIONS

|                                 |                   |
|---------------------------------|-------------------|
| Model Name                      | SATADOM-MV 3ME3   |
| Flash Type                      | MLC               |
| Interface                       | SATA III 6.0 Gb/s |
| Form Factor                     | SATADOM-MV        |
| Capacity                        | 8GB ~ 128GB       |
| Sequential R / W (MB/sec, max.) | 220 / 80          |
| P/E Cycle                       | 3,000             |
| TBW (Max.)                      | 37                |
| Storage Temperature             | -55°C ~ 95°C      |
| Max. Power Consumption          | 1.8W              |
| Max. Channels                   | 4                 |
| External DRAM Buffer            | N                 |
| H/W Write Protect               | Y                 |
| S.M.A.R.T.                      | Y                 |
| AES                             | N                 |
| TCG Opal                        | N                 |
| Dimension (W x L x H/mm)        | 24.5 x 41.5 x 6.9 |
| Vibration                       | 20G@[7 ~ 2000Hz]  |
| Shock                           | 1500G@0.5ms       |
| MTBF                            | >3 million hours  |
| Warranty                        | 2 Years           |

DIAGRAM



ORDER INFO.

| Operating Temperature | Standard Grade (0°C ~ 70°C) | Industrial Grade (-40°C ~ 85°C) |
|-----------------------|-----------------------------|---------------------------------|
| 8GB                   | DESMV-08GD09*C1SC(F)        | DESMV-08GD09*W1SC(F)            |
| 16GB                  | DESMV-16GD09*C1DC(F)        | DESMV-16GD09*W1DC(F)            |
| 32GB                  | DESMV-32GD09*C1DC(F)        | DESMV-32GD09*W1DC(F)            |
| 64GB                  | DESMV-64GD09*C1DC(F)        | DESMV-64GD09*W1DC(F)            |
| 128GB                 | DESMV-A28D09*C1DC(F)        | DESMV-A28D09*W1DC(F)            |

\*S : Toshiba A19nm MLC / B : Toshiba 15nm MLC  
PN end with F is SATADOM Pin 7 with power supply version, which doesn't provide power cable.

