



## MicroSD Card 3IE4

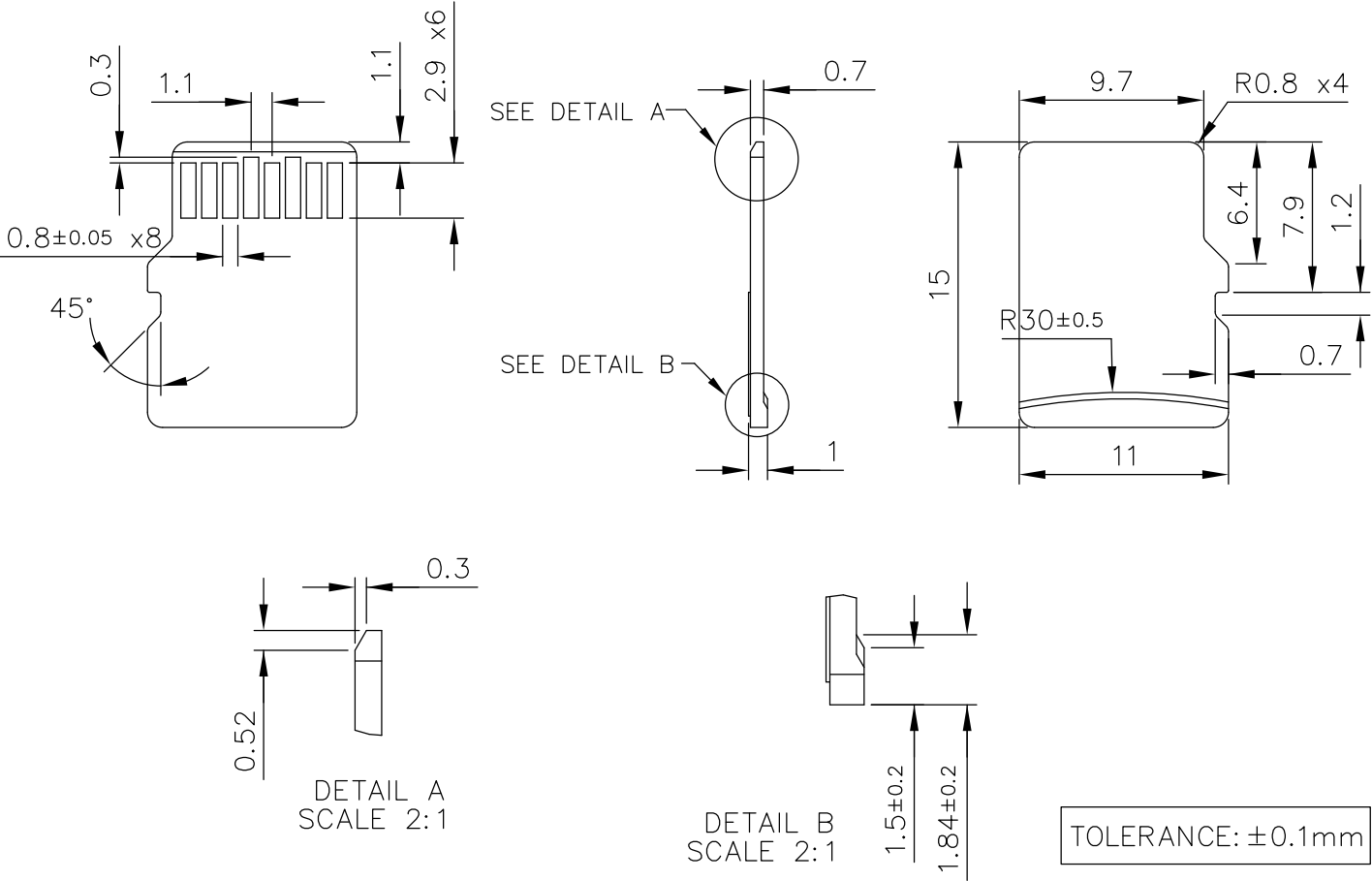
### HIGHLIGHT FEATURES

- Compliant with SD 6.1 / SD 3.0 / SD 2.0 interface
- Supports Class 10 with UHS-I
- Adopts TLC NAND Flash
- High performance
- Targeted for portable and stationary applications
- S.M.A.R.T. function supported

### SPECIFICATIONS

|                                 |                   |
|---------------------------------|-------------------|
| Model Name                      | MicroSD Card 3IE4 |
| Flash Type                      | iSLC (3D TLC)     |
| Interface                       | SD 6.1            |
| Form Factor                     | MicroSD Card      |
| Capacity                        | 16GB ~ 128GB      |
| Sequential R / W (MB/sec, max.) | 90 / 80           |
| P/E Cycle                       | 30,000 / 100,000  |
| TBW (Max.)                      | 11,360            |
| Storage Temperature             | -40°C ~ 85°C      |
| Max. Power Consumption          | 0.7W              |
| Max. Channels                   | 1                 |
| 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)        | 11.0 x 15.0 x 1.0 |
| Vibration                       | 20G@[7 ~ 2000Hz]  |
| Shock                           | 1500G@0.5ms       |
| MTBF                            | >3 million hours  |
| Warranty                        | 5 Years           |

DIAGRAM



ORDER INFO.

| Operating Temperature | Extended Grade (-25°C ~ 85°C) | Industrial Grade (-40°C ~ 85°C) |
|-----------------------|-------------------------------|---------------------------------|
| 16GB                  | DHSDM-16GS06KE1SL             | DHSDM-16GS06KW1SL               |
| 32GB                  | DHSDM-32GS06KE1SL             | DHSDM-32GS06KW1SL               |
| 64GB                  | DHSDM-64GS06KE1SL             | DHSDM-64GS06KW1SL               |
| 128GB                 | DHSDM-A28S06KE1SL             | DHSDM-A28S06KW1SL               |

