



## MicroSD Card 3TE4

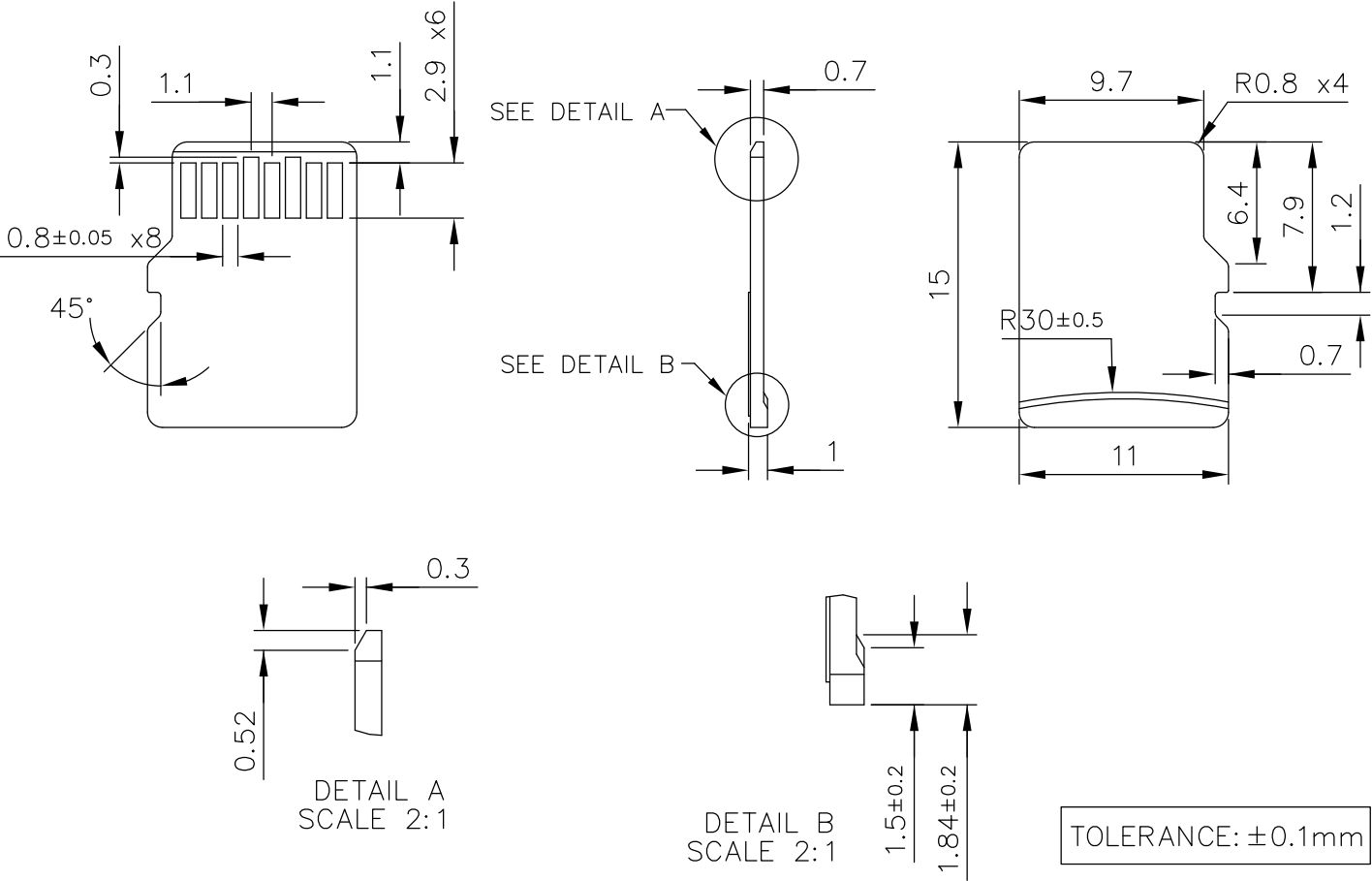
### HIGHLIGHT FEATURES

- Compliant with SD 6.1 / SD 3.0 / SD 2.0 interface
- Supports Class 10 with UHS-III
- Adopt 3D TLC NAND Flash
- High performance
- Targeted for portable and stationary applications
- S.M.A.R.T. function supported

### SPECIFICATIONS

|                                 |                   |
|---------------------------------|-------------------|
| Model Name                      | MicroSD Card 3TE4 |
| Flash Type                      | 3D TLC            |
| Interface                       | SD 6.1 / SD 3.0   |
| Form Factor                     | MicroSD Card      |
| Capacity                        | 32GB ~ 512GB      |
| Sequential R / W (MB/sec, max.) | 90 / 80           |
| P/E Cycle                       | 3,000             |
| TBW (Max.)                      | 1,363             |
| 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                        | 3 Years           |

DIAGRAM



ORDER INFO.

| Operating Temperature | Extended Grade (-25°C ~ 85°C) | Industrial Grade (-40°C ~ 85°C) |
|-----------------------|-------------------------------|---------------------------------|
| 32GB                  | DESDM-32GS06EE1SL             | DESDM-32GS06EW1SL               |
| 64GB                  | DESDM-64GS06KE1SL             | DESDM-64GS06KW1SL               |
| 128GB                 | DESDM-A28S06KE1SL             | DESDM-A28S06KW1SL               |
| 256GB                 | DESDM-B56S06KE1SL             | DESDM-B56S06KW1SL               |
| 512GB                 | DESDM-C12S06KE1SL             | DESDM-C12S06KW1SL               |

\*32GB is only supported by 64 layers 3D TLC

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