



MicroSD Card 3IE4

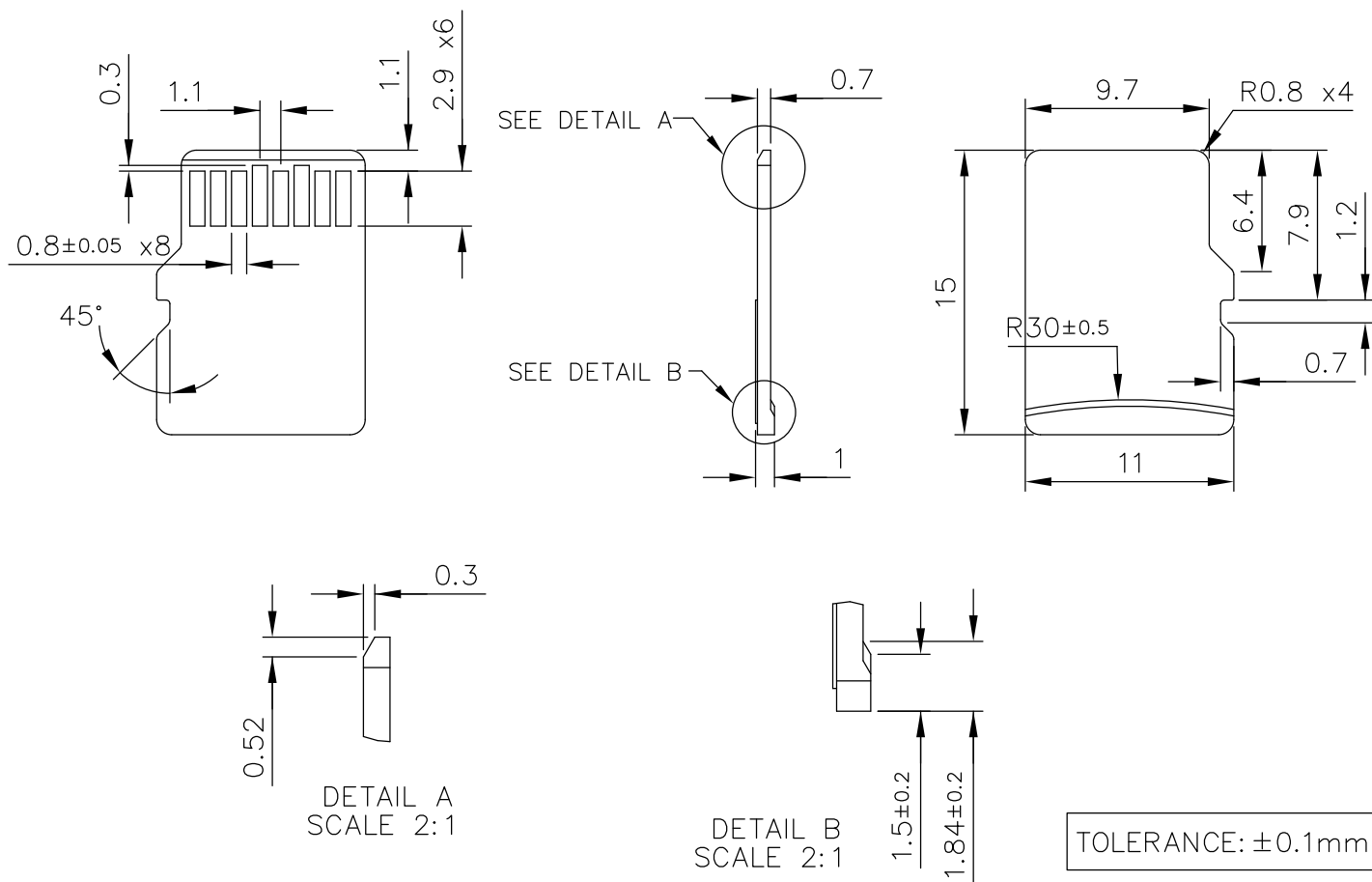
HIGHLIGHT FEATURES

- 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 / SD 3.0
Form Factor	MicroSD Card
Capacity	8GB ~ 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 ($-25^\circ\text{C} \sim 85^\circ\text{C}$)	Industrial Grade ($-40^\circ\text{C} \sim 85^\circ\text{C}$)
8GB	DHSDM-08GS06EE1SL	DHSDM-08GS06EW1SL
16GB	DHSDM-16GS06KE1SL	DHSDM-16GS06KW1SL
32GB	DHSDM-32GS06KE1SL	DHSDM-32GS06KW1SL
64GB	DHSDM-64GS06KE1SL	DHSDM-64GS06KW1SL
128GB	DHSDM-A28S06KE1SL	DHSDM-A28S06KW1SL

*8GB is only supported by 64 layers 3D TLC

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