DATA INTELLIGENCE
FLASH

MicroSD Card 3IE2

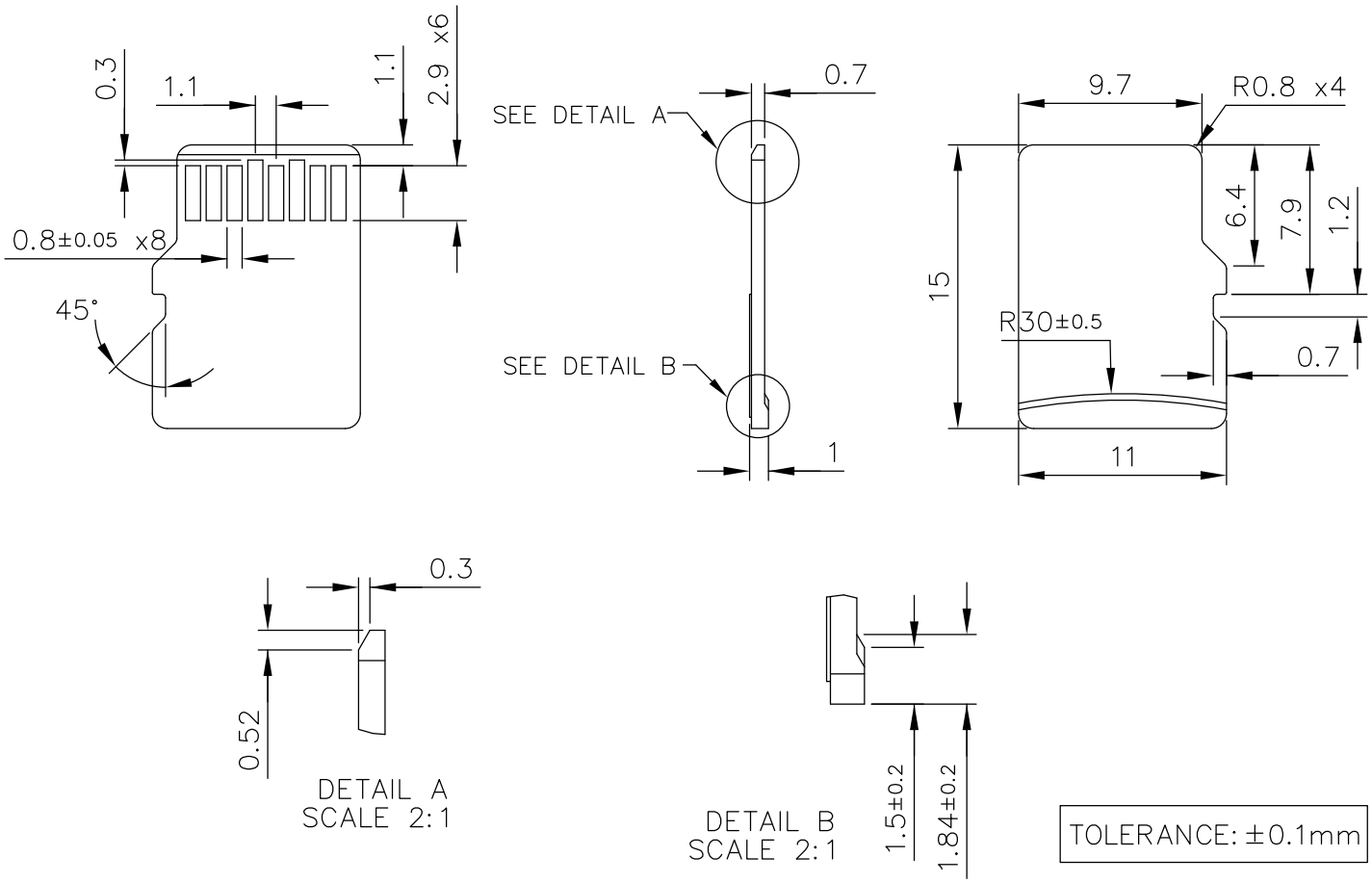
HIGHLIGHT FEATURES

- SD 3.0 interface
- Supports Class 10 with UHS-I
- Adopt MLC NAND Flash
- High performance
- Targeted for portable and stationary applications
- S.M.A.R.T. function supported

SPECIFICATIONS

Model Name	MicroSD Card 3IE2
Flash Type	iSLC (MLC)
Interface	SD 3.0
Form Factor	MicroSD Card
Capacity	4GB ~ 32GB
Sequential R / W (MB/sec, max.)	86 / 45
P/E Cycle	20,000
TBW (Max.)	522
Storage Temperature	-55°C ~ 95°C
Max. Power Consumption	0.6W
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)
4GB	DHSDM-04GE21SEASK
8GB	DHSDM-08GE21SEASK
16GB	DHSDM-16GE21SEASK
32GB	DHSDM-32GE21SEASK

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