



Industrial SLC SD Card

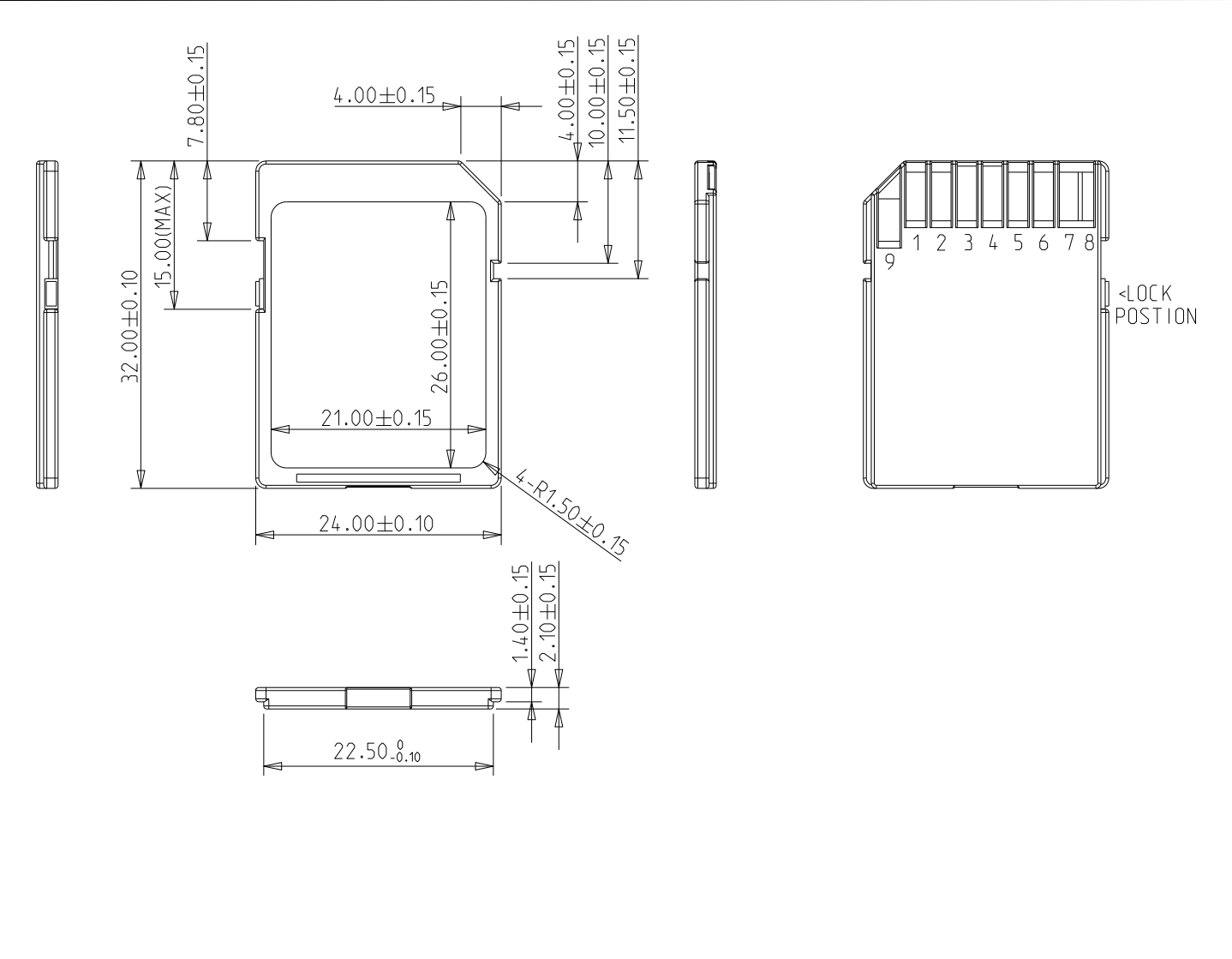
HIGHLIGHT FEATURES

- Supports static and global wear leveling
- S.M.A.R.T. monitoring compatibility
- Intelligent error recovery system
- High-speed data transfer capabilities
- Enhanced power cycling for improved reliability
- 30μ" gold-plated contacts (gold finger)

SPECIFICATIONS

Model Name	Industrial SLC SD Card
Flash Type	SLC
Interface	SD 1.01 / 2.00
Form Factor	SD Card
Capacity	128MB ~ 32GB
Sequential R / W (MB/sec, max.)	20 / 16
P/E Cycle	60,000
TBW (Max.)	--
Storage Temperature	-55°C ~ 95°C
Max. Power Consumption	0.2W
Max. Channels	1
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)	24.0 x 32.0 x 2.1
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	5 Years

DIAGRAM



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
128MB (24nm)	DS2A-128I81C1B	DS2A-128I81W1B
256MB (24nm)	DS2A-256I81C1B	DS2A-256I81W1B
512MB (32nm)	DS2A-512I81C1B	DS2A-512I81W1B
512MB (24nm)	DESDC-512I81AC1SB	DESDC-512I81AW1SB
1GB (32nm)	DS2A-01GI81C1B	DS2A-01GI81W1B
1GB (24nm)	DESDC-01GI81AC1SB	DESDC-01GI81AW1SB
2GB (32nm)	DS2A-02GI81C1B	DS2A-02GI81W1B
2GB (24nm)	DESDC-02GI81AC1SB	DESDC-02GI81AW1SB
4GB (24nm)	DS2A-04GI81C1B	DS2A-04GI81W1B
8GB (24nm)	DS2A-08GI81C1B	DS2A-08GI81W1B
16GB (24nm)	DS2A-16GI81C1B	DS2A-16GI81W1B
32GB (24nm)	DS2A-32GI81C1B	DS2A-32GI81W1B

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