

Datasheet

# MicroSD Card 2.0 series

- SD 2.0 interface
- Support static and global wear leveling algorithm
- Intelligent system for error recovery
- Excellent data transfer speed
- Power cycling enhanced



## Introduction

While MicroSD card 2.0 series has been a popular embedded storage device for mobile market, Innodisk has been developing a more reliable MicroSD card that will support ruggedized applications in the embedded fields. Therefore, Innodisk would like to introduce you the industrial-grade MicroSD card built with SLC (Single Level Cell) flash, delivering the most reliable MicroSD card with outstanding performance and excellent endurance.

# MicroSD Card

## 2.0 series

Contact us for more information about the MicroSD 2.0 series.

Innodisk is a service-driven provider of industrial embedded flash storage products and technologies, with a focus on the cloud computing, industrial/embedded, and aerospace and defense industries.

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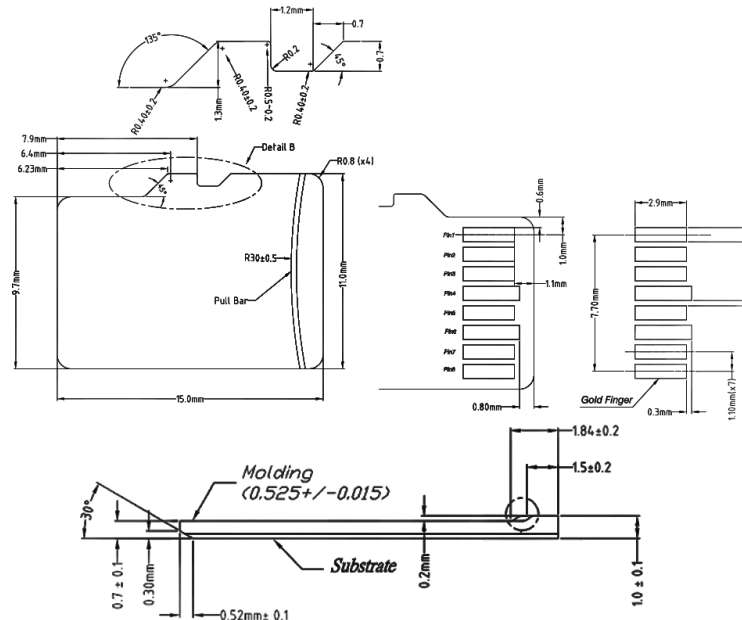
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2017.12.22

### Diagram



### Specifications

Interface	SD 2.0
Flash Type	SLC
Capacity	1GB~8GB
Max. Channels	1
Sequential R/W (MB/sec, max.)	21/19
Max. Power Consumption	0.16W (3.3V x 30mA )
Dimension (WxLxH)	11.0 X 15.0 X 1.0 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

### Ordering Information

Operation Temp.	1GB	2GB	4GB	8GB
Standard Grade (0°C ~ +70°C)	DS2M-01GI81AC1SB	DS2M-02GI81AC2ST	DS2M-04GI81AC2ST	DS2M-08GI81AC2ST
Industrial Grade (-40°C ~ +85°C)	DS2M-01GI81AW1SB	DS2M-02GI81AW2ST	DS2M-04GI81AW2ST	DS2M-08GI81AW2ST