Datasheet

Industrial SD Card 3TE4

- SD 3.0 interface
- High performance
- Power fail Management
- LDPC ECC algorithm implement



Introduction

Innodisk 3TE4 is an industrial-grade SD card solution with an integrated industrial controller, which is designed for embedded applications. With enhanced flash technologies and a powerful configurable LDPC ECC engine, SD 3TE4 can achieve high-speed data transfer rates.

Innodisk industrial SD 3TE4 provides a wide range of capacities from 32GB to 256GB with TLC NAND Flash, and is fully compliant with SD3.0 and SD2.0 specifications.

Innodisk industrial SD 3TE4 are specifically designed for industrial PC and embedded applications for high performance. With its low power consumption and the above mentioned features, Innodisk industrial SD 3TE4 can be applied for industrial automation, SBC (single-board computer), medical equipment, infotainment, and mobile applications.

Industrial SD Card
3TE4

Contact us for more information about the Industrial SD Card 3TE4.

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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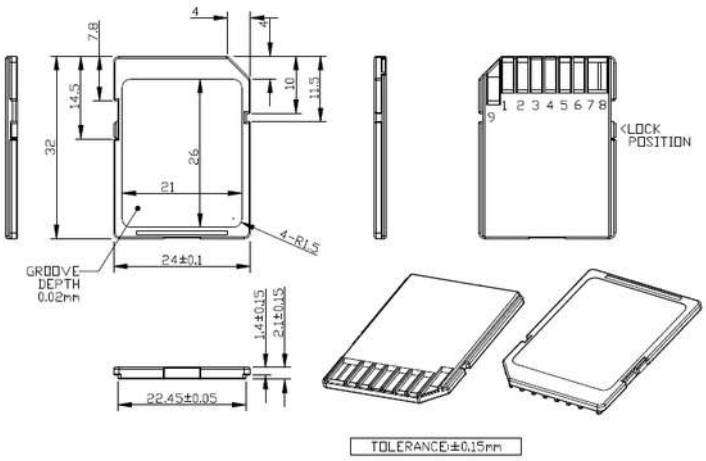
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Diagram



Specifications

Interface	SD 3.0
Flash Type	TLC
Capacity	32GB~256GB
Max. Channels	1
Sequential R/W (MB/sec, max.)	90/80
Max. Power Consumption	0.47W (3.3V x 145mA)
Thermal Sensor	-
Extended DRAM buffer	-
H/W Write Protect	√
ATA Security	-
S.M.A.R.T.	-
Dimension (WxLxH)	24 X 32.0 X 2.1 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours Endurance:3,000 P/E cycles

Ordering Information

Operation Temp.	32GB	64GB	128GB	256GB
Extend Grade (-25°C ~ +85°C)	DESDC-32GS06EE1SL	DESDC-64GS06GE1SL	DESDC-A28S06GE1SL	DESDC-B56S06GE1SL
Industrial Grade (-40°C ~ +85°C)	DESDC-32GS06EW1SL	DESDC-64GS06GW1SL	DESDC-A28S06GW1SL	DESDC-B56S06GW1SL