

## 概要 Overview

SD メモリーカードは、小型、薄型のメモリーカードです。

/ SD memory card is small and thin memory card.

対応スピードクラス / Speed Class

Speed Class 10

UHS Speed Grade 3

Video Speed Grade 30

Application Performance Class A2

## 特徴 Features 機能 Functions

### 物理・電気的特性/Physical・Electronic Characteristics

仕様気電 / Electronic Specifications	動作電圧/ Operating Voltage : 2.7V ~ 3.6V (メモリ動作/ Memory Operation) SD 1,4Bit モード,SPI モード 対応/ SD 1,4Bit mode, and SPI mode supported ※SD PHYSICAL LAYER SPECIFICATION Ver.6.10 に準じる ※Compliant with the SD PHYSICAL LAYER SPECIFICATION Ver.6.10
法寸形外 / 質量 / Dimension/Weight	H : 32 W : 24 D : 2.1 (mm) 質量 : 約2g/ Weight : approx. 2g ※ Standard Size SD Card Mechanical Addendum Ver.7.00 に準じる ※Compliant with the Standard Size SD Card Mechanical Addendum Ver.7.00
信頼性、耐久性 / Reliability, Durability	※SD PHYSICAL LAYER SPECIFICATION Ver.6.10 及び Standard Size SD Card Mechanical Addendum Ver.7.00 に準じる ※Compliant with the SD PHYSICAL LAYER SPECIFICATION Ver.6.10 and Standard Size SD Card Mechanical Addendum Ver.7.00
RoHS	対応/Compliant
CPRM	非対応/Not Support
ムテスシルイアフ / File system	exFAT ※当社からの出荷時の状態 ※State at the time of shipment from HAGIWARA Solutions Co.,Ltd. ※SD Specification Part 2 File System Specification Ver.3.00 に準じる ※Compliant with the SD Specification Part 2 File System Specification Ver.3.00

### サイズ/消費電流/ Capacity/Current consumption

サイズ/Size	64GB	60,768,256 KByte
	128GB	121,753,600 KByte
	256GB	243,466,240 KByte
UHS 消費電流/ Current consumption	Sequential Read	70mA *1
	Sequential Write	80mA(64GB/128GB), 90mA(256GB) *1

\*1 : Ta=25°C弊社環境における実力値(Inrush は除く)/ \*1 : Ta=25°C Actual value in our environment ( Inrush is excluded)

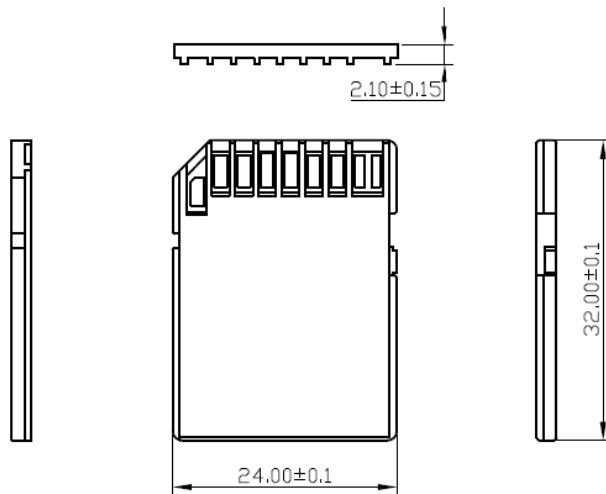
### 転送速度 / Transfer rate

UHS 転送速度 / Transfer rate	Sequential Read	90MB/s *2
	Sequential Write	45MB/s(64GB), 80MB/s(128GB/256GB) *2

\*2 : 当社環境における実力値/\*2 : Actual value in our environment

## 外形図

## Package View



## 仕様

## Specifications

シリーズ名/Series Name	NSDB-xxxGK(SxxTLS)
対応スピードクラス/Speed Class	Speed Class 10
フラッシュ/Flash Type	TLC
フォームファクタ/Form Factor	SD Card
容量/Capacity	64GB/128GB/256GB
外形寸法/Package view(mm)	24.00 x 32.00 x 2.10
UHS転送速度/Transfer rate	Sequential Read : 90MB/s Sequential Write : 45MB/s(64GB), 80MB/s(128GB/256GB)
動作電圧/Operating Voltage	2.7V ~ 3.6V (メモリ動作/ Memory Operation)
保存温度/Storage temperature	-40°C~85°C
動作温度/Operating temperature	-25°C~85°C
適応規格/Regulation	CE, UKCA, FCC, VCCI

## 製品型名

## Product Models

製品名 / Product name : Class10 SD メモリーカード / Class10 SD Memory Card

製品型番 / Model Number :

標準品 / Standard Model (-25°C~85°C)

NSDB-064GK(S00TLS)

NSDB-128GK(S00TLS)

NSDB-256GK(S00TLS)

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