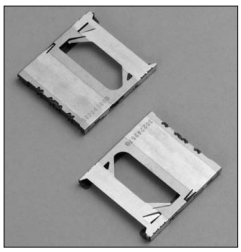
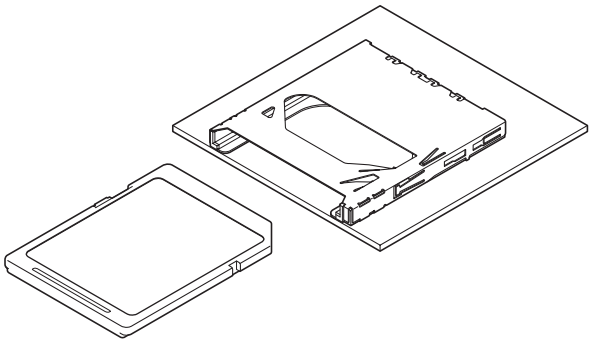


# SDK CONNECTOR

Emboss Tape



***This connector is designed for SD Card & MMC (Multi media card), complying with the SD Card Association standard, and is with the switch for Write-protection & Card-detection. And due to Push-push mechanism design, its card can be easily ejected by push-push operation.***

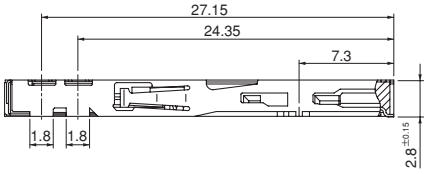
- ***Space saving design***
- ***The amount of card ejection***
- ***Outstanding durability***
- ***Prevention of reverse card insertion***

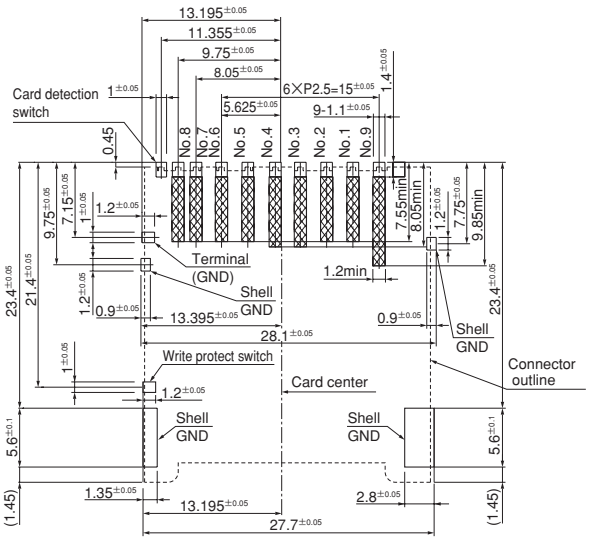
## Specifications

- Current rating: 0.5A AC, DC
- Voltage rating: 5V AC, DC
- Temperature range: -25˚C to +85˚C
  (including temperature rise in applying electrical current)
- Recommendatory PC board thickness:0.6mm to 1.0mm
  [When it is mounted on the FPC, recommendable reinforcing layer thickness is 0.6mm min.]
- Contact resistance:
  (Signal part) Initial value/30m Ω max.
  After environmental testing/60m Ω max.
  (Switch part) Initial value/100m Ω max.
  After environmental testing/100m Ω max.
- Insulation resistance: 1,000M Ω min. at 500V DC
- Withstanding voltage: 500V AC/minute

* Compliant with RoHS.
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.

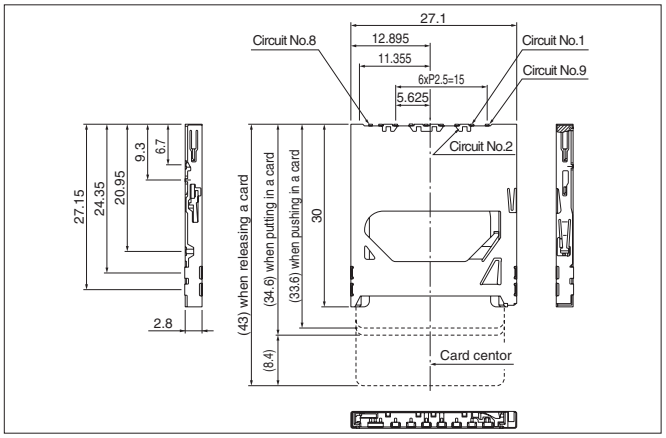
## PC board layout (viewed from component side) and Assembly layout




*Note: 1. Tolerances are non-cumulative: ±0.05mm for all centers.*
*2. The dimensions above should serve as a guideline. Contact JST for details.*

## Connector




| Model No. | Q'ty / reel |
|---|---|
| **SDK-9BNS-K13-GN-TB** | 450 |

**Material and Finish**

Housing, Guide: Heat resisting resin, UL94V-0
Contact: Copper alloy, nickel-undercoated,
selective gold-plated, selective tin-plated (reflow treatment)
Terminal: Copper alloy, nickel-undercoated, gold-plated
Card detection switch: Copper alloy, nickel-undercoated, gold-plated
Write protect switch: Copper alloy, nickel-undercoated,
selective gold-plated, selective tin-plated (reflow treatment)
Card lock: Copper alloy, tin-plated
Joint rod, Spring: SUS
Shell: SUS, Solder tail/ selective nickel-undercoated, tin-plated (reflow treatment)

***RoHS compliance*** *This product displays (LF)(SN) on a label.*
*Note: This products listed above are supplied on embossed-tape.*