



ORDER CODE

SDC01-09-D

- Plating of contact area
D : Au 0.25 μ m min.
- Positioning post type
0 : Without positioning posts
1 : 0.35mm length
2 : 0.65mm length
- Switch type
0 : Without switches
1 : With write protection and card detection switches
2 : With protection switch
3 : With card detection switch
- Number of contacts
09 : 9 pin
- Series name
SDC01 : Connector for SD memory cards
(Push-In/Out ejector type, Normal mount type)

FEATURES

- Conforms to SD Association standards.
- Ultra low profile with 2.65mm(0.104") height.
- Push-In/Out mechanism has an audible "Click" that assures users of complete Card insertion/removal.
- Normal mounting type (face down for contacts of card) with a Lightweight design.
- Retention clips with ESD (Electrostatic Discharge) function prevent Card pop-out during removal.
- Designed to prevent the incorrect insertion of Card.
- The 3 variations of positioning posts are available for PCB thickness and automatic placement machine.(0.4mm, 0.6mm length and no positioning post)
- Available with Card detection switch. (Option)
- Available with Write protection switch. (Option)
- The connector has a large suction area to provide support for automatic placement.
- Supports for Multi Media cards. (Can read and write)

SPECIFICATIONS

- Insulator material : Glass-filled LCP (UL 94V-0), Black
- Contact material : Phosphor Bronze
- Contact plating : Contact area ; Gold over Nickel
Terminal area ; Tin alloy over Nickel
- Current rating : 0.5A per contact
- Voltage rating : 3.3V DC
- Contact resistance : 100m Ω max.
- Dielectric withstanding : 500V AC for 1minute voltage
- Insulation resistance : 1,000M Ω min.
- Push-In/Out durability : 10,000 repetitions
- Operating temperature : -25°C to +85°C

"SD Card" Outline

"SD (Secure Digital) Card" advocated by three major companies (Matsushita Electric Industrial Co.,LTD.,SanDisk Corporation,and Toshiba Corporation) in 1999 is one of the next generation flash memory cards which is the most remarkable.The SD card is postage stamp-sized;allows for fast data transfer capability;has high storage capacity and offers excellent security for copyright protection/management functions.In the near future,the expected rise in use for various fields will become more prevalent.

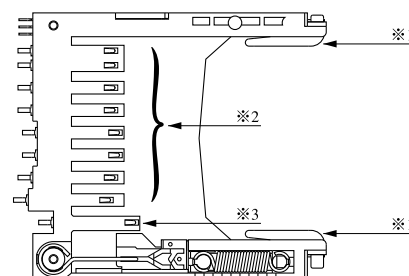
"SDC01 Series" Features

The primary concept of design is to provide the lowest mounting height possible (actual mounting height is 2.65mm).This ultra low profile contributes to saving valuable space.In addition,the audible "Click" during card push-in/out assures users of complete card insertion/removal.All mold structure offers light weight (1.45g).

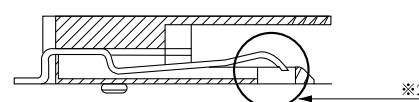
*¹Retention clips with ESD (Electrostatic Discharge) function prevent pop-out and

*³incorrect insertion of the Card.Furthermore,*²the insulator protects the contacts from damage or beakage.

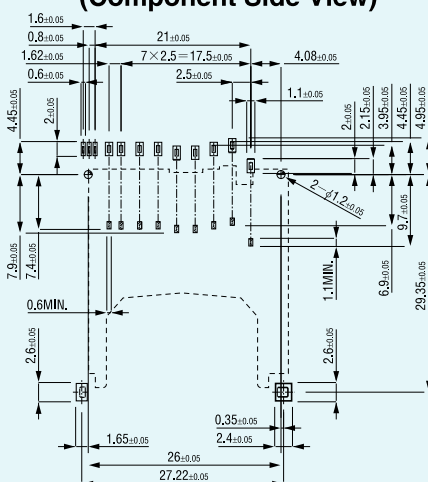
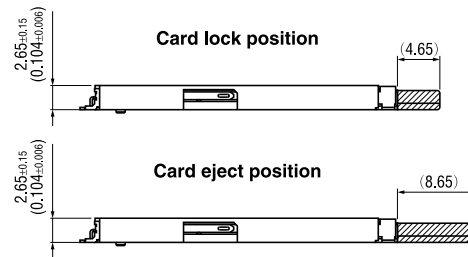
Connector Back Chart



Connector Cross Section



Unit:mm(inch)

**■ Product Table / Dimensions**

Part number	A
SDC01-09-□0D	0
SDC01-09-□1D	0.35 (0.014)
SDC01-09-□2D	0.65 (0.026)