

## Specifications

Insulation Resistance:	500MΩ min. at 500V DC
Withstanding Voltage:	500V ACrms for 1 minute
Contact Resistance:	100mΩ at 1mA / 20mV max.
Voltage Rating:	5Vrms AC
Current Rating:	0.5A
Operating Temp. Range:	-25°C to +85°C
Coplanarity:	≤ 0.1mm
Mating Cycles:	10,000 times (office environment)

## Part Number (Details)

FPS 009 - 2960 - 0

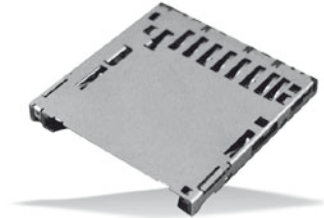
Series

No. of Contacts

Design Number

## Materials and Finish

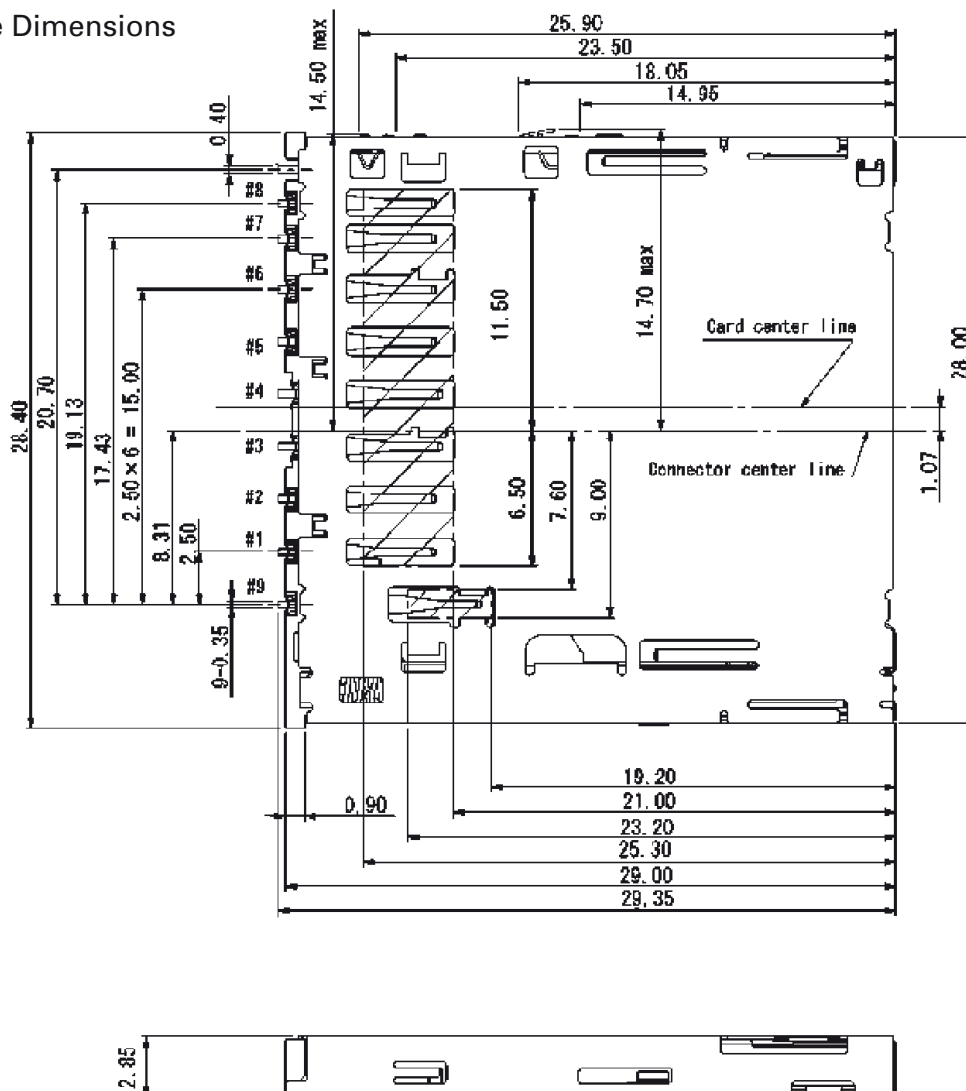
Insulator: LCP  
Shielding Plate: SUS  
Contacts: PB, Ni-Au and Sn



## Features

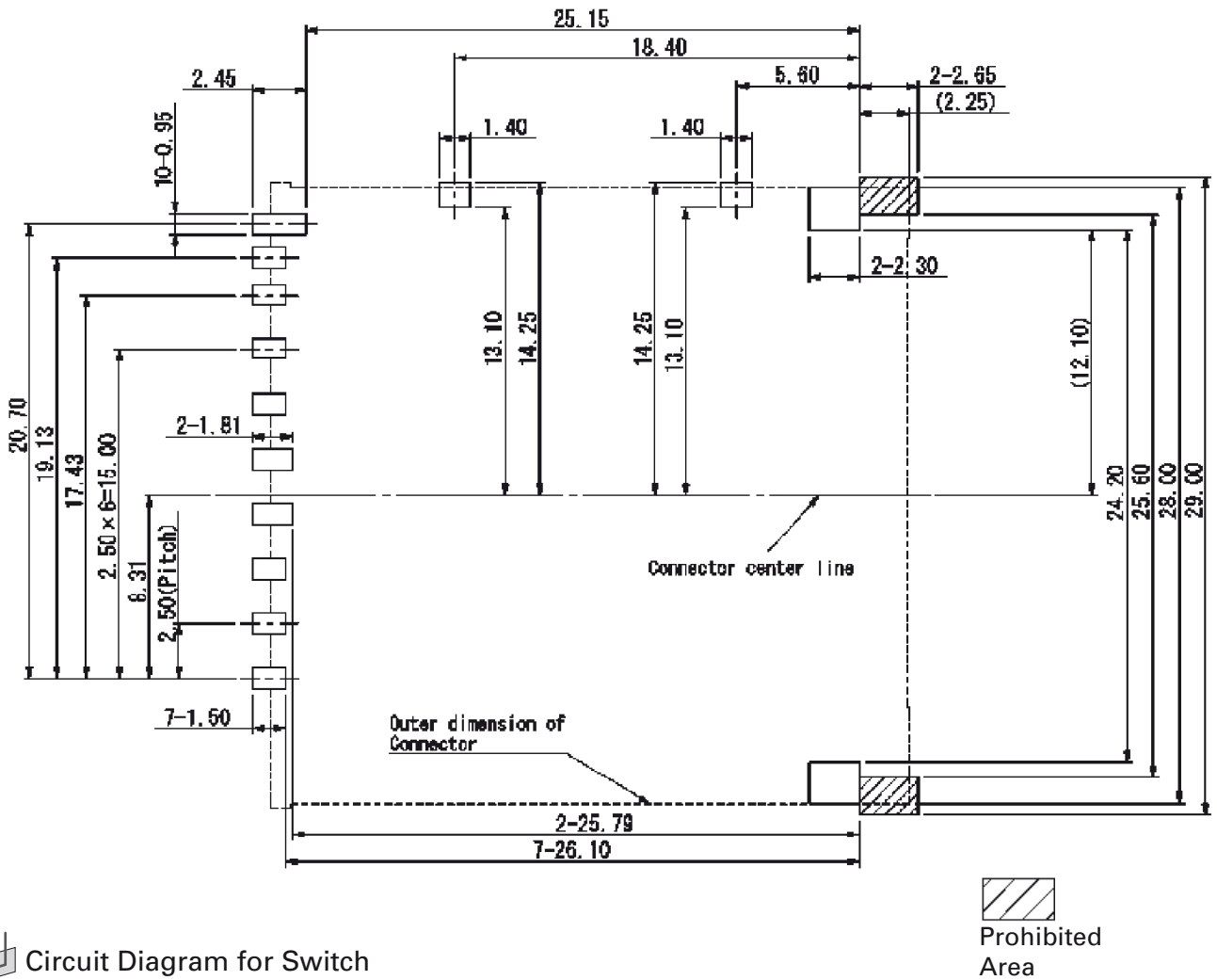
- Connector for both card types (MMC and SD card)
- For assembly underneath the PC-board (reversed)
- Smooth extraction function by Push-in/ Push-out of card
- Low profile (Ht. 2.85 x W. 28.00 x L. 29.00)
- EMI prevention
- SDIO capable
- Card detector
- Write protection switch
- Card mis-insertion prevention design
- Soft lock mechanism for SD card
- Card fling-out minimize design
- Tape & Reel packaging (500 pcs / reel)

## Outline Dimensions

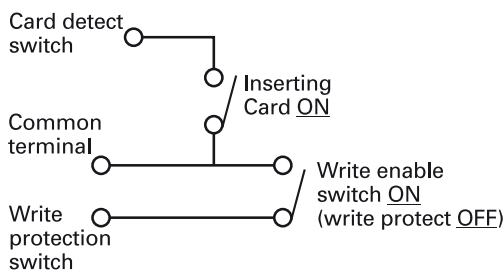


Recommended PCB Layout FPS009-2960-0

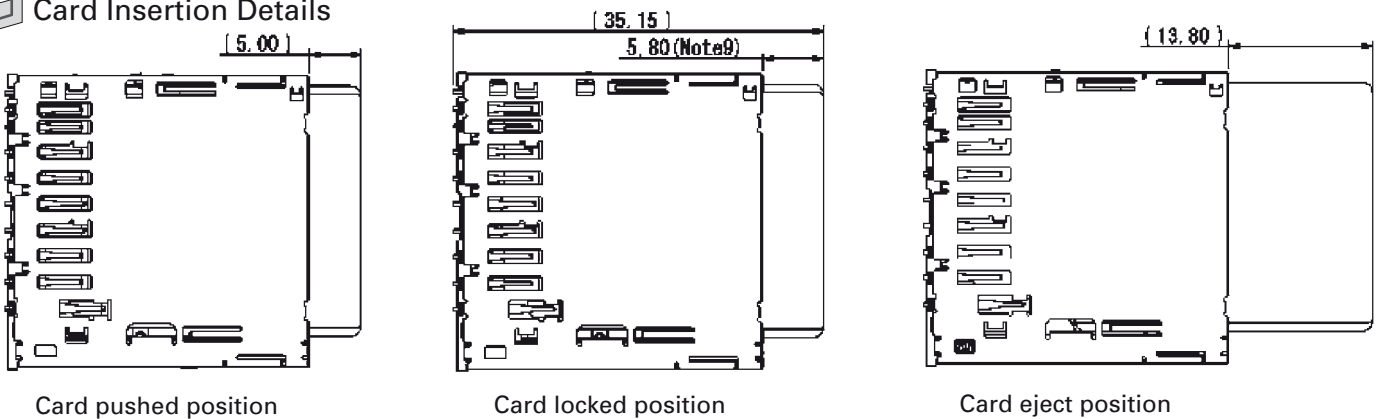
Top View



Circuit Diagram for Switch



Card Insertion Details



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