

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

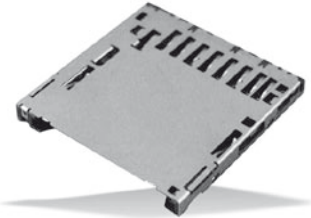
Series

No. of Contacts

Design Number

Materials and Finish

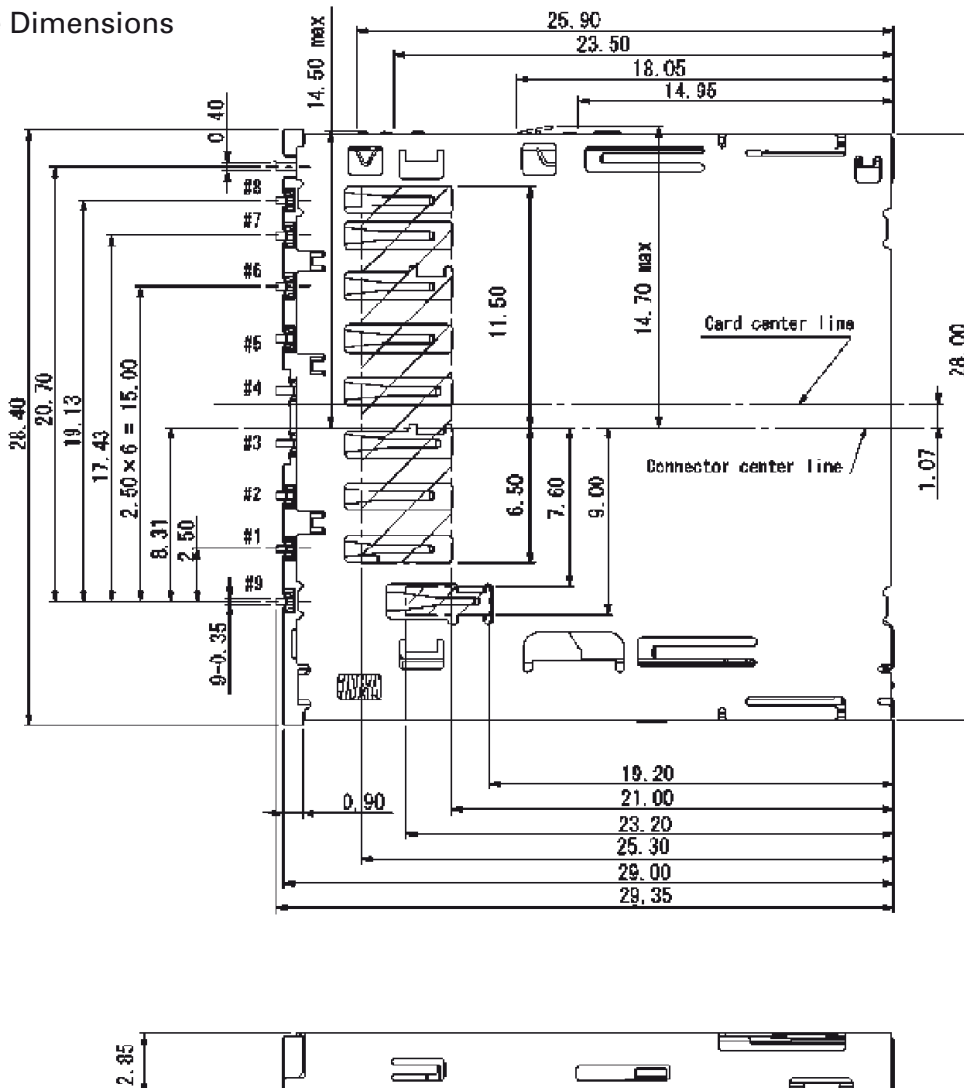
Insulator:	LCP
Shielding Plate:	SUS
Contacts:	PB, Ni-Au and Sn



Features

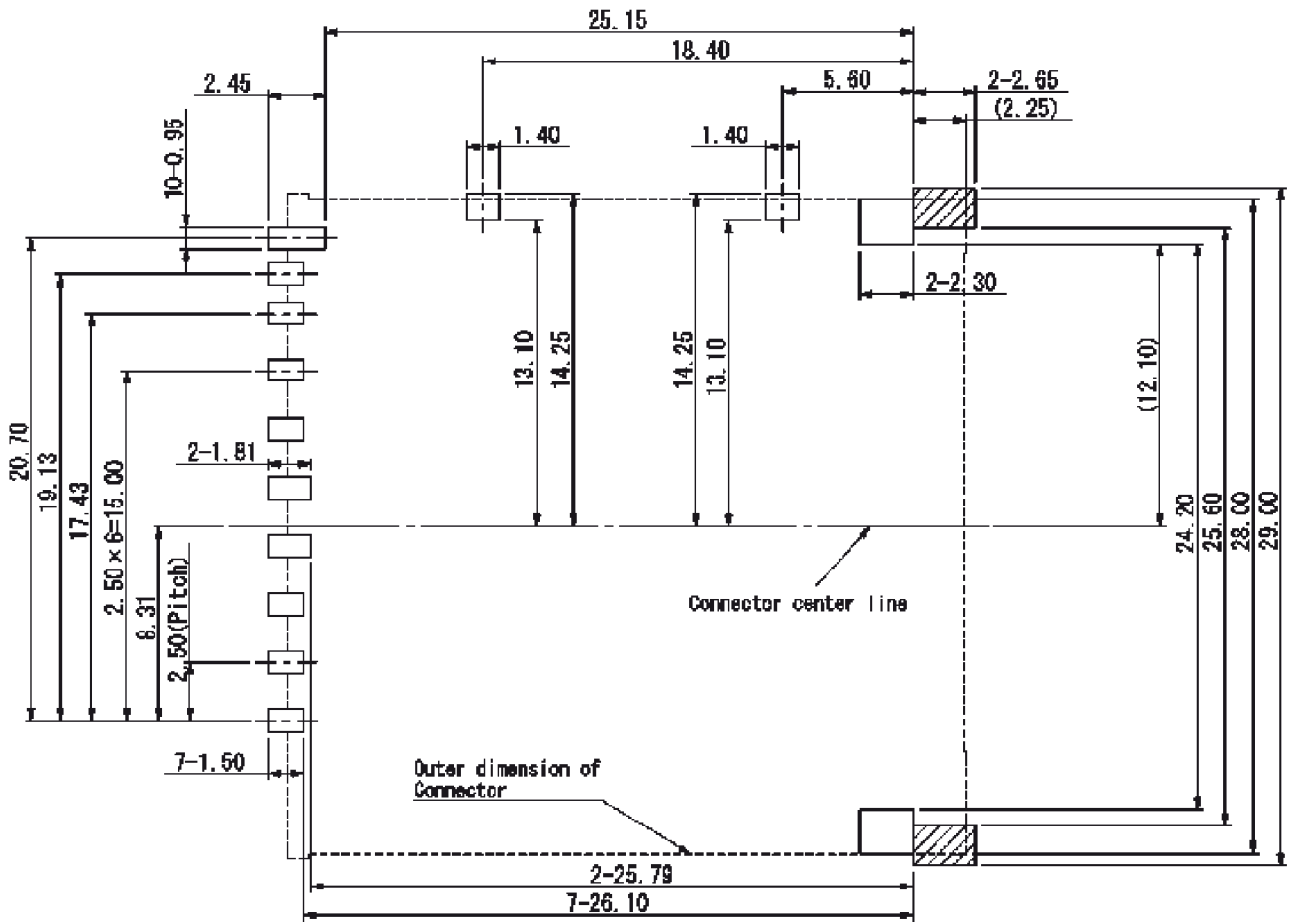
- Connector for both card types (MMC and SD card)
- For assembly underneath the PC-board (reversed)
- Smooth extraction function by Push-in/ Push-out of card
- Low profile (Ht. 2.85 x W. 28.00 x L. 29.00)
- EMI prevention
- SDIO capable
- Card detector
- Write protection switch
- Card mis-insertion prevention 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

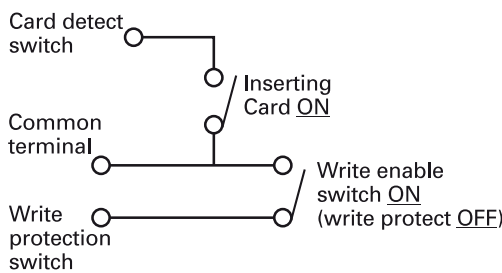
Top View



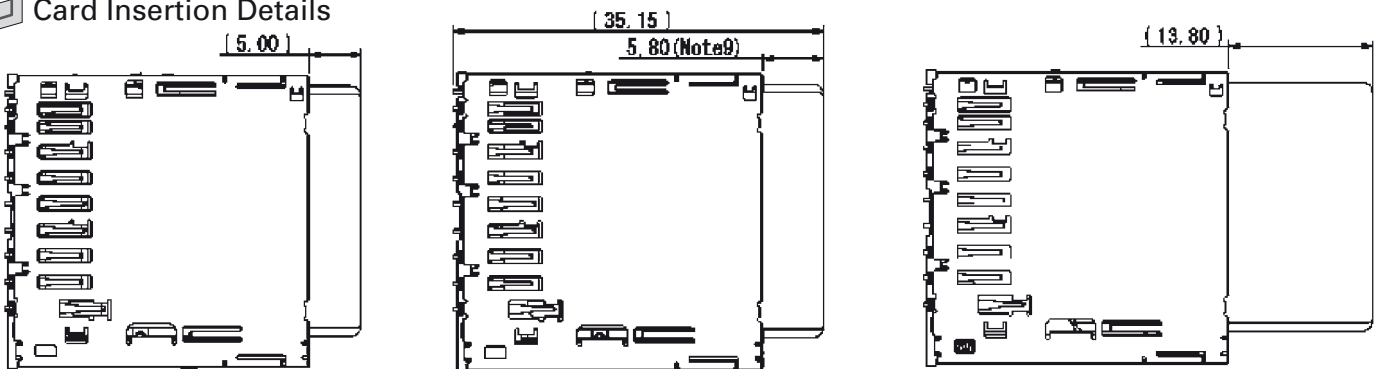
SD and MMC

Prohibited Area

Circuit Diagram for Switch



Card Insertion Details



Card pushed position

Card locked position

Card eject position