Series FPS SD Card & MMC Reader - Push / Push (Low Profile)



Specifications

Insulation Resistance: 1,000M Ω min. at 500V DC Withstanding Voltage: 500V ACrms for 1 minute $100 m\Omega$ at $1 mA\,/\,40 mV$ max. Contact Resistance:

Voltage Rating: 5V DC **Current Rating:** 0.5A

Operating Temp. Range: -25°C to +85°C ≤ 0.1mm Coplanarity:

Mating Cycles: 10,000 (office environment)

Part Number (Details) **FPS** 009 - 2901 - 0 Series No. **Number of Contacts** Design No. 0 = Tape & Reel Packaging

Materials and Finish

Insulator: LCP glass filled (GF 40%)

Shielding Plate: SUS

Contacts: PB, t = 0.15 / Contact area = Ni-Au /

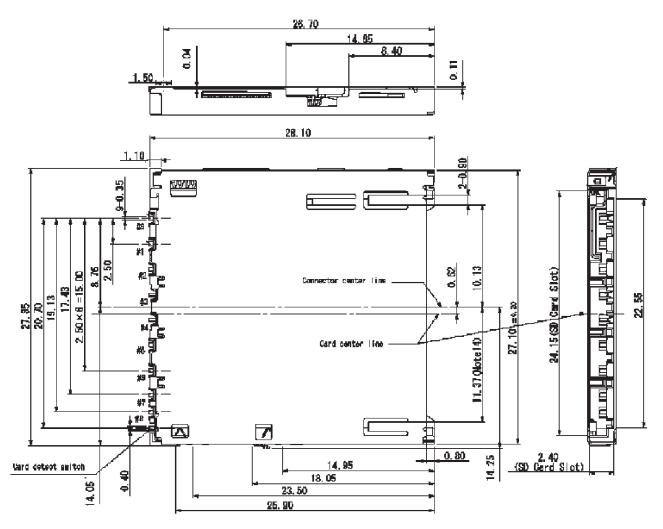


Features

- Connector for both card types (MMC and SD card)
- Smooth extraction function by Push-in/ Push-out of card
- Soft lock mechanism for SD card
- Super low profile (Ht. 2.80 x W. 28.10 x L. 27.10)
- Card detector
- Write protection switch
- Mechanism to avoid fling-off with the card
- Closed cover
- Tape & Reel packaging (500 pcs / reel)



Utline Dimensions



Prohibited

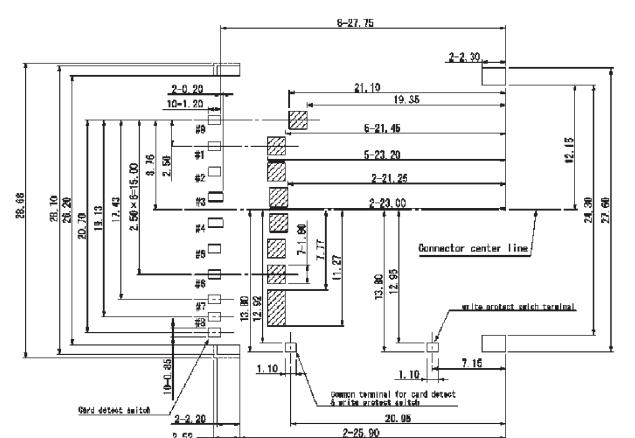
Area

Card eject position

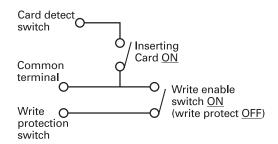
Top View

SD and MMC

Recommended PCB Layout for FPS009-2901-0

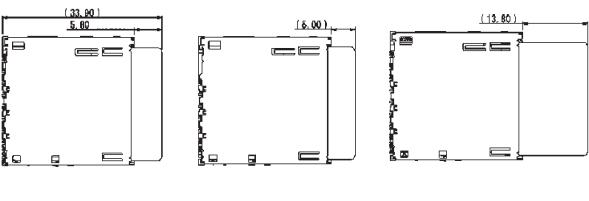


Circuit Diagram for Switch



Card Insertion Details

Card locked position



Card pushed position