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

Specifications

Insulation Resistance:	1,000MΩ min. at 500V DC
Withstanding Voltage:	500V ACrms for 1 minute
Contact Resistance:	100mΩ at 1mA / 20mV max.
Voltage Rating:	250Vrms AC
Current Rating:	0.5A
Operating Temp. Range:	–25°C to +85°C
Coplanarity:	≤ 0.1mm
Mating Cycles:	10,000 (office environment)

Part Number (Details)

FPS 009 - 2700 - 0

- Series No.
- Number of Contacts
- Design No.
- 0 = Tape & Reel Packaging

Materials and Finish

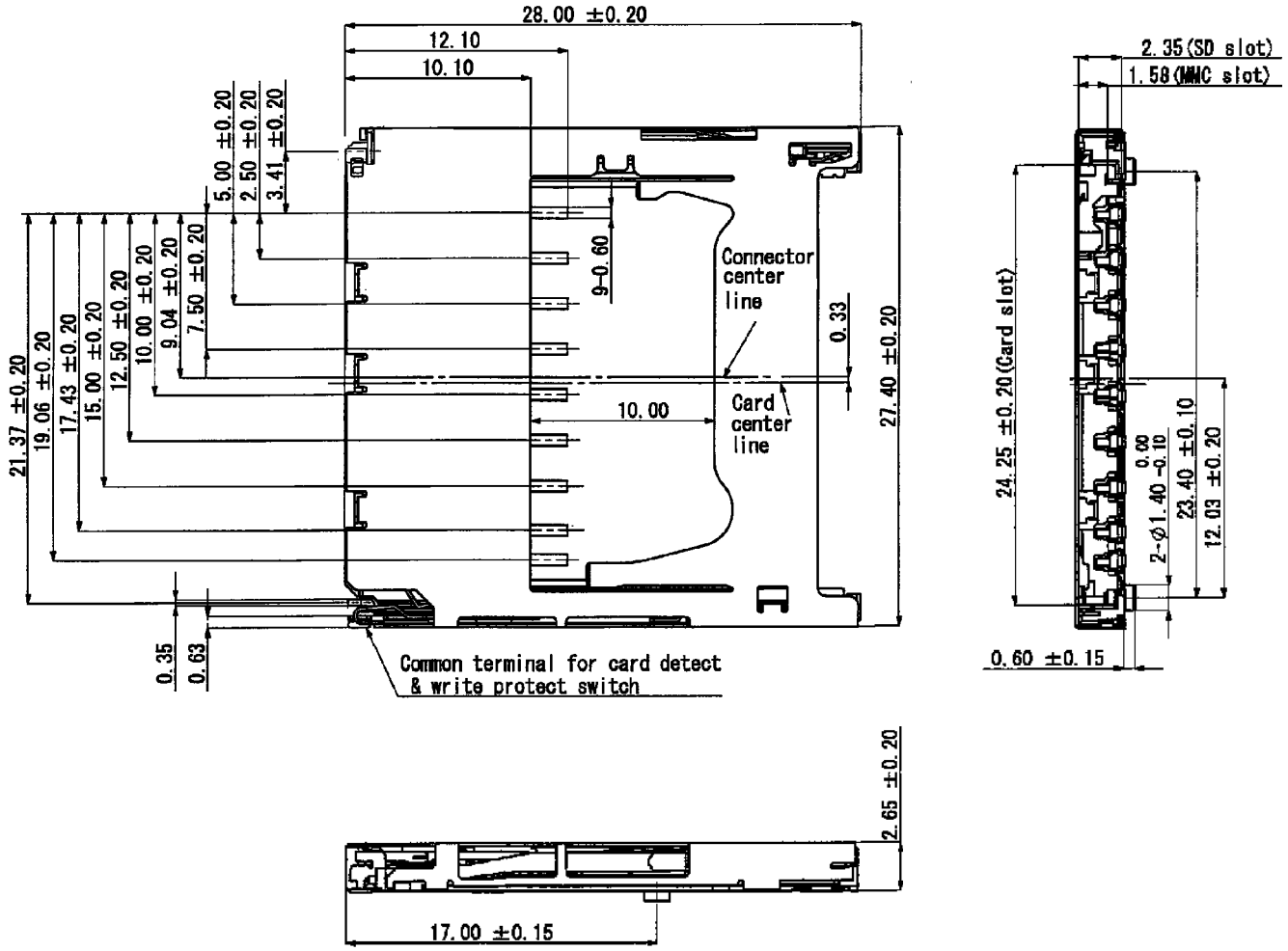
Insulator:	LCP glass filled (GF 40%)
Shielding Plate:	SUS, t = 0.20
Contacts:	PB, t = 0.15 / Contact area = Ni-Au / Solder Tails = Ni-SnCu



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. 2.65 x W. 28.0 x L. 30.5)
- Card detector
- Write protection switch
- Mechanism to avoid fling-off with the card
- Tape & Reel packaging (500 pcs / reel)
- Two-point contact, protection against electrical interruption

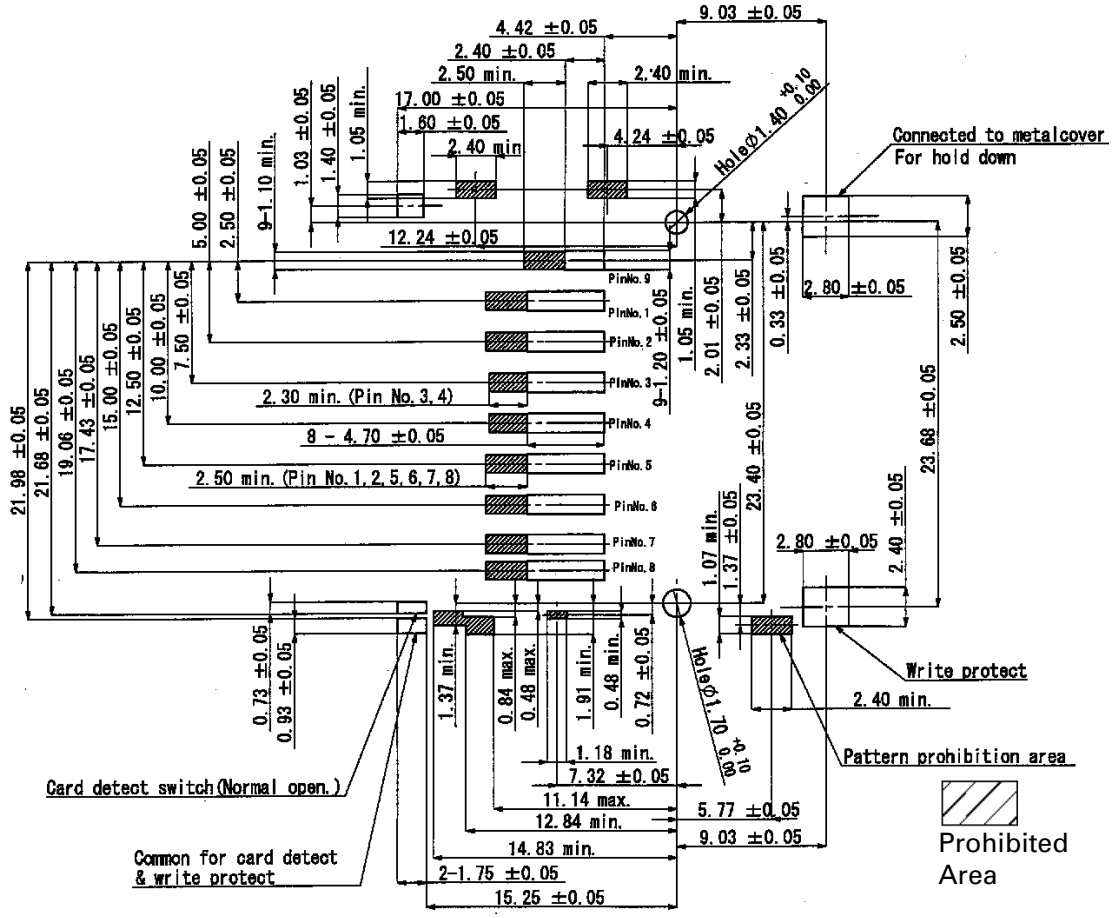
Outline Dimensions



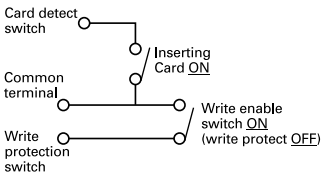
SPECIFICATIONS AND DRAWINGS ARE SUBJECT TO ALTERATION WITHOUT PRIOR NOTICE - DIMENSIONS IN MILLIMETER

Recommended PCB Layout for FPS009-2700-0

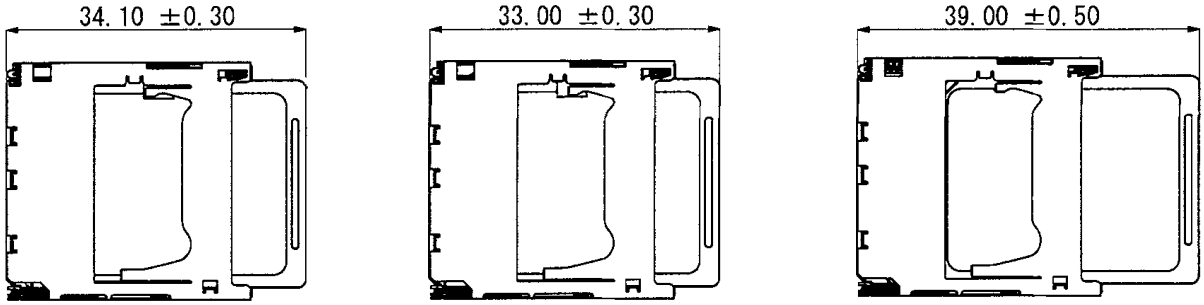
Top View



Circuit Diagram for Switch



Card Insertion Details



Card locked position | Card pushed position | Card eject position