

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)

MATERIALS AND FINISH

Insulator: LCP
 Shielding Plate: SUS
 Contacts: Copper Alloy
 Contact Area: Ni-Au
 Solder Tail: Ni-Sn

FEATURES

- Connector for both card types (MMC and SD card)
- Card detector
- Smooth extraction function by Push-in/ Push-out of card
- Soft lock mechanism for SD card
- Two-point contact, protection against electrical interruption

PART NUMBER

FPS 009 - 2409 - 0

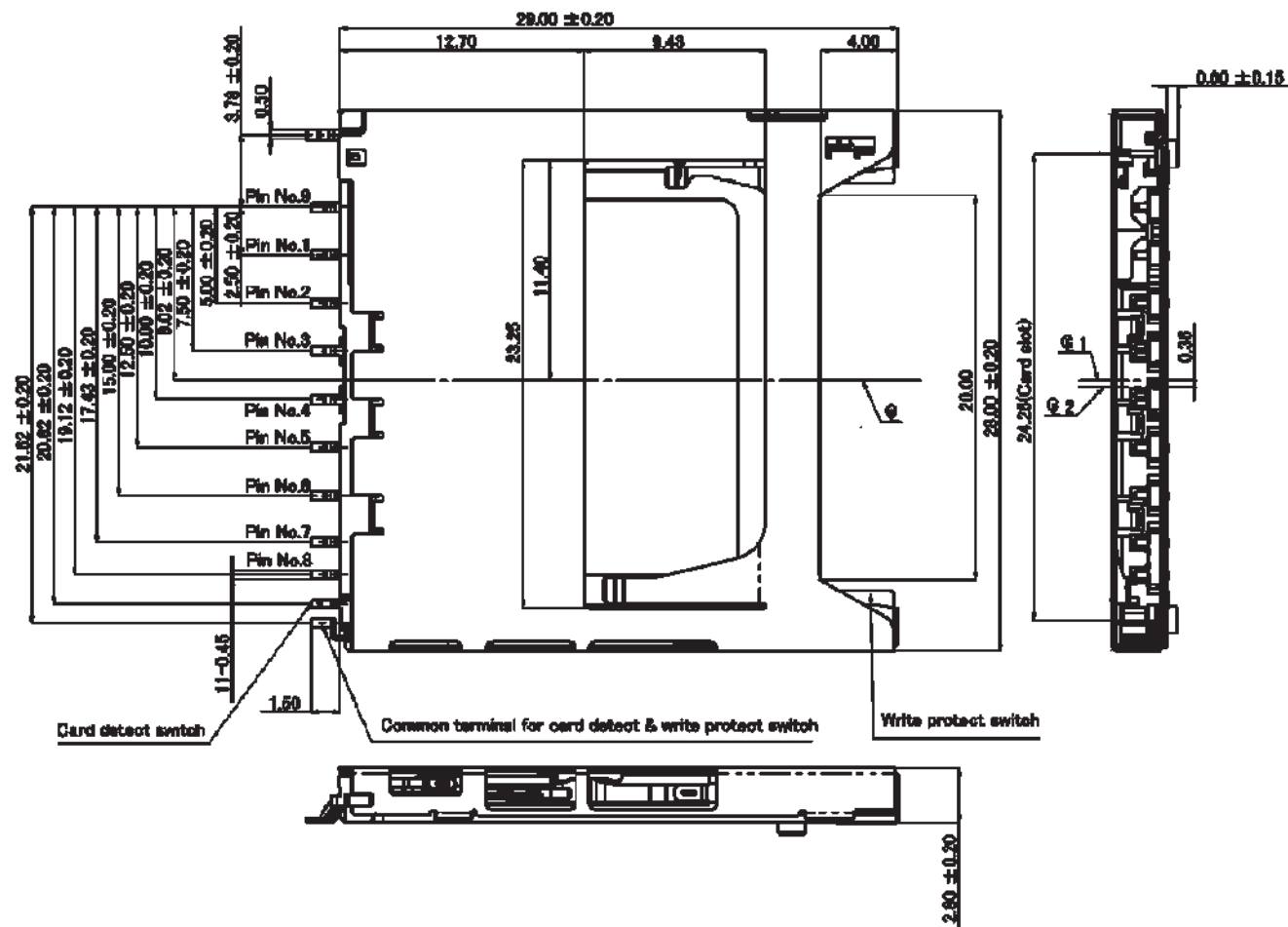


AUTOMOTIVE COMPLIANT

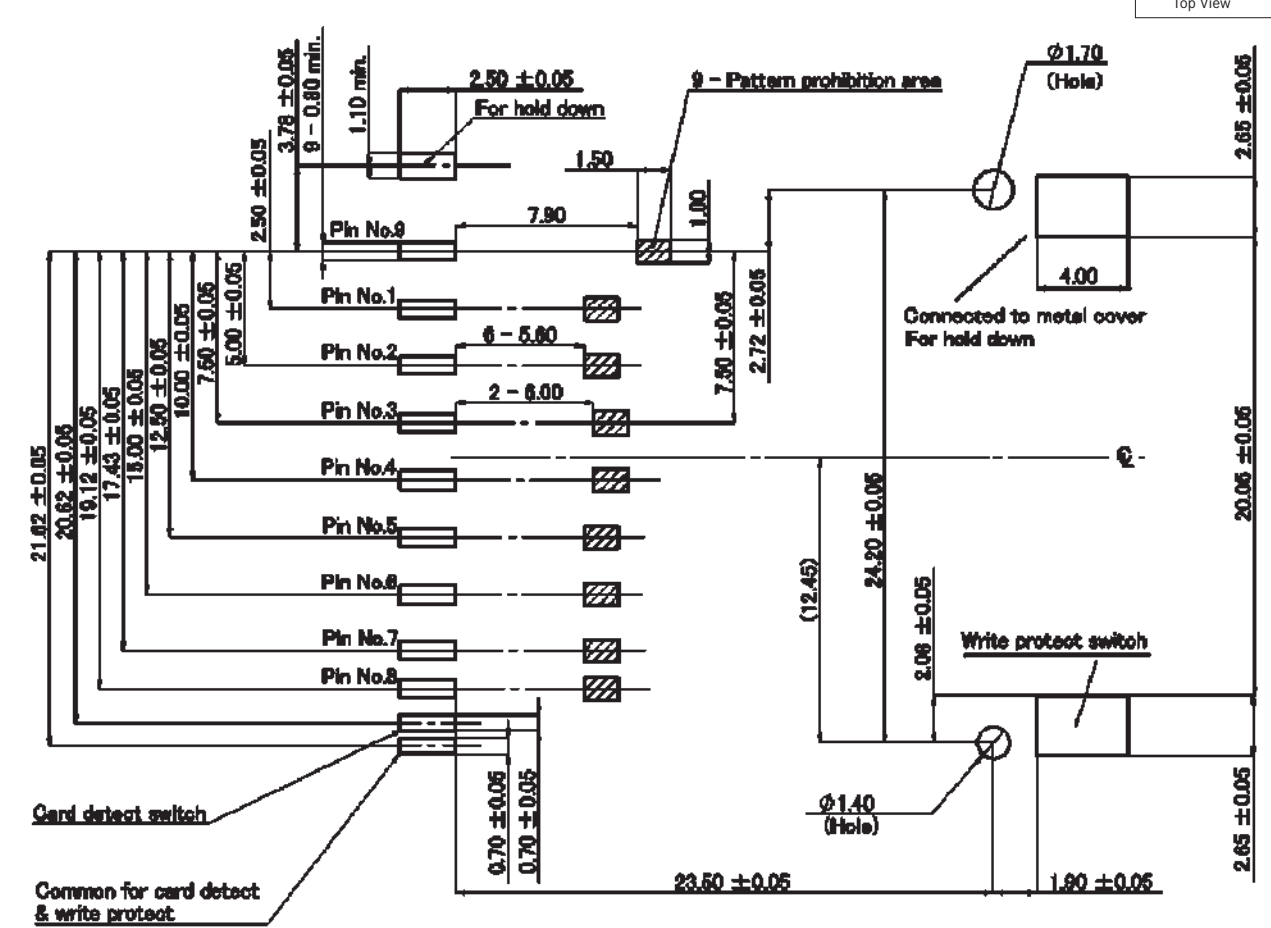


- Write protection switch
- Mechanism to avoid flying out of the card
- RoHS2011/65/EU
- Tape & Reel packaging (600 pcs / reel)

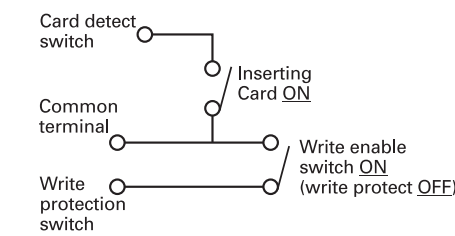
OUTLINE DIMENSIONS



RECOMMENDED PCB LAYOUT FOR FPS009-2409-0



CIRCUIT DIAGRAM FOR SWITCH



CARD INSERTION DETAILS

