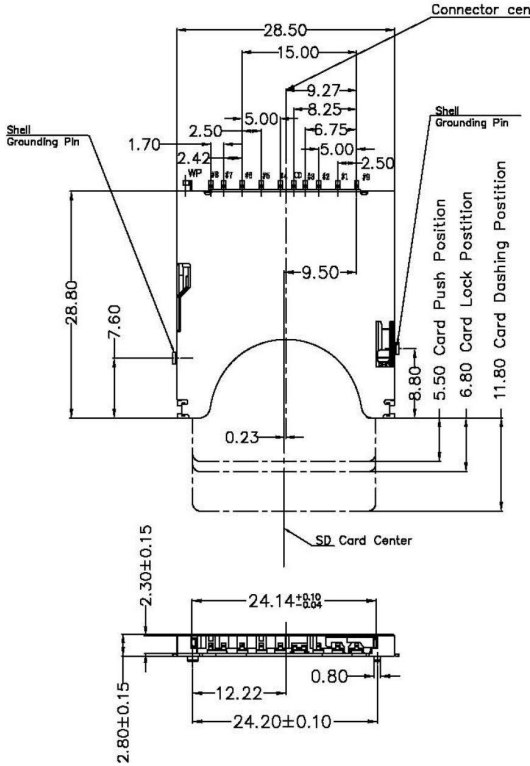
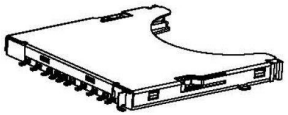
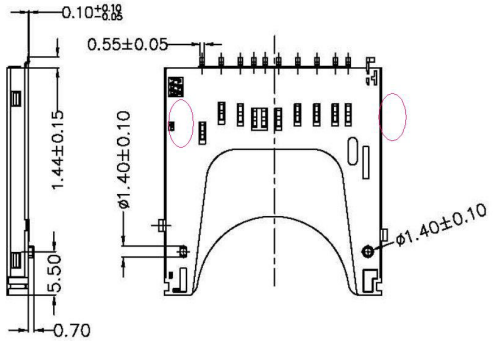
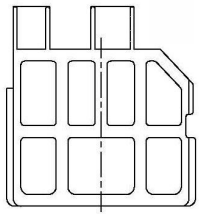


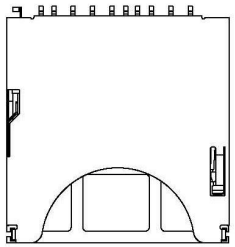




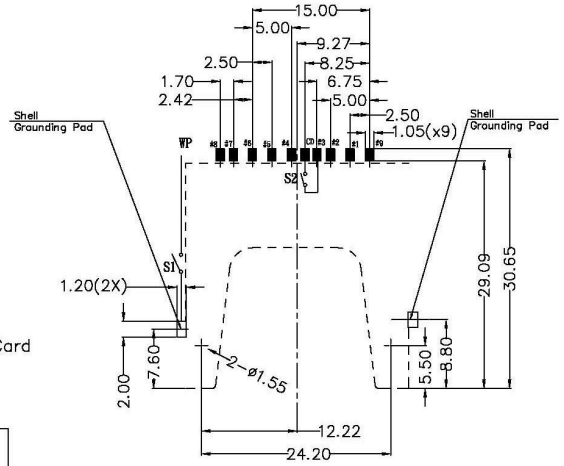
Pin NO.	Name	Description
Pin 1	CD/DAT3	Card Detect/Date I/O
Pin 2	CMD	Command
Pin 3	VSS1	Ground
Pin 4	VDD	Power
Pin 5	CLK	Clock
Pin 6	VSS2	Ground
Pin 7	DAT0	Data I/O
Pin 8	DAT1	Data I/O
Pin 9	DAT2	Data I/O



Connector's Protecting Card

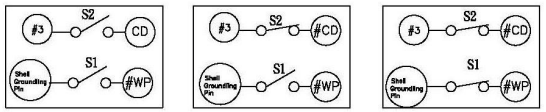


Please keep"protecting card"being inserted into connector while soldering process.



Reference PCB Layout
(TOLERANCES: .XX ±0.05)

Switches Circuit Schematic



Without Card

Card Inserted
Write Protect:lock

Card Inserted
Write Protect:Unlock

SPECIFICATIONS

1.General Characteristics:
SD Memory Card Connector
Push-Push Normal Type
Card Detect Enable, Write Protect Enable
Durablity: 10000 Cycles Min.
Card Insertion/Eject Force: 1.40Kgf Max.
Card Withdraw Force: 0.15Kgf Min.(From The State of Card Lock)
Stand Off= 0 mm

2.Material & Finish:
Housing: High Temperature Thermoplastic Glass Fibre Filled, UL94 V-0
Contact: Phorsphor Bronze
Finish: Gold Flash Over Nickel.
Shell: Stainless Steel, Gold Plated On Soldering Tail

3.Electrical Characteristics:
Voltage Rating: 100V
Current Rating: 0.5A
Insulator Resistance: 1000M Ohms Min.
Contact Resistance: 80 Milli-Ohms Max.
Dielectric Withstanding Voltage: AC 500V

4.Solderability:
Wave: Not Applicable
Vapor Phase: 215°C, 30 Sec. Max.
IR Reflow: 260°C, 15 Sec. Max.
Manual Soldering: 360°C, 3 Sec. Max.

5.Environmental Characteristcs:
Operation Temperature: -20°C~+85°C.
Operating Humidity: 10%~95% RH
Storage Temperature: -20°C To +85°C
Storage Humidity: 10%~95% RH

6.RoHS Compliant