

SECURE DIGITAL CARD SOCKET



5514 SERIES. SD card socket. Push-Push Type.

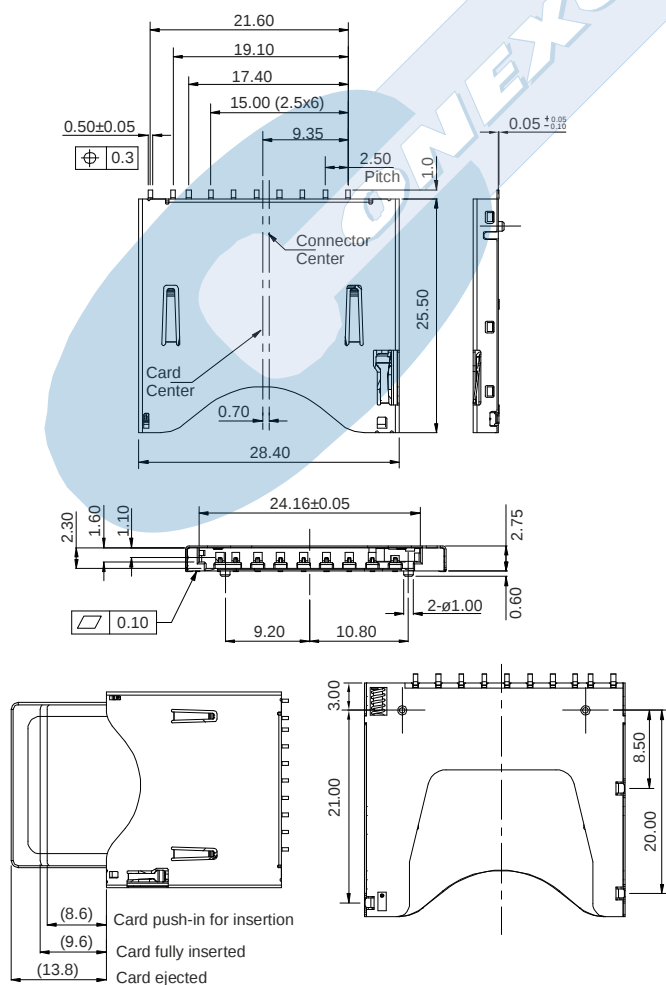
General Features

- Accept SD card
- Contact area: 10 μ selet. gold plating over 50 μ nickel
- Solder area: tin plating over 50 μ nickel
- With card detect
- Stand-off: 0 mm. Push-push type

Materials

- Insulator: LCP + 35 GF UL 94 V-0
- Contact: Phosphor bronze
- Switch A/C: Phosphor Bronze
- Hold down: Phosphor Bronze
- Shell: SUS304R-3/4 H
- Operating temperature. -25°C to +85°C
- RoHS compliant

Dimensional Information



Card detection switch		Write protection switch			
When card is ejected	When card is inserted	When card is ejected	When card is inserted		
OPEN	CLOSE	OPEN	Write protec	Write enable	
Sb Sc	Sb Sc	Sa Sc	Sa Sc	Sa Sc	

Electrical Features

- Voltage rating: < 100 V
- Current rating: < 0.50 A
- Contact resistance: < 30 m Ω
- Dielectric withstanding voltage: 500 V AC/minute
- Insulation resistance: >1000 M Ω

Mechanical Features

- Contact retention force: > 0,25 Kg
- Card Insertion / Eject Force: < 0.98 Kg
- Card Release Force: 0.40 Kg
- Durability: 10.000 cycles

5514 - T- XX- E

1 2 3 4

1. Series

2. Plating Options

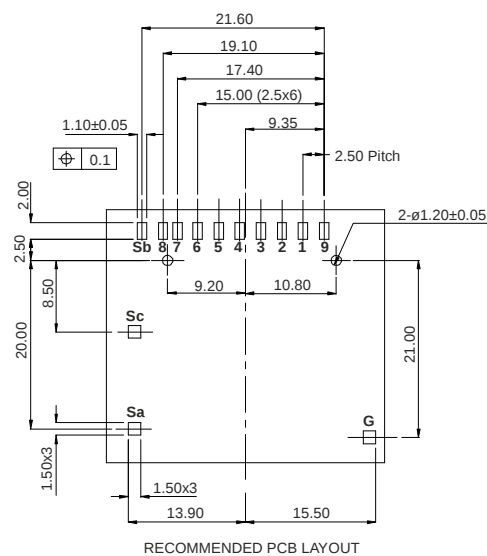
- T = 15. 10 μ " sel. gold over nickel overall
Recommended Finish

3. Number of circuits

- Available in 09 circuits

5. Packing Options

- E = 2. Reel



Pin N°.	Pin assignement	Pin N°.	Pin assignement
1	DAT3/CS/CD	8	DAT1
2	CMD	9	DAT2
3	VSS1	Sa	Write Protection
4	VDD	Sb	Card Detection
5	CLK	Sc	Common Switch
6	VSS2	G	Ground
7	DAT0		