

# SECURE DIGITAL CARD SOCKET



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

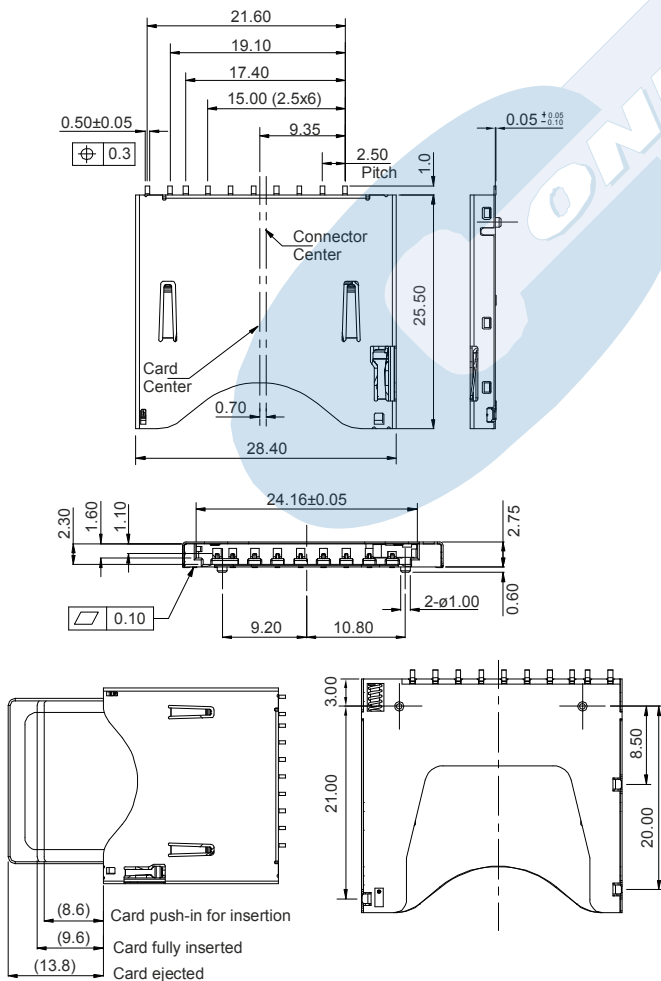
### General Features

- Accept SD card
- Contact area: 10 μm selet. gold plating over 50 μm nickel
- Solder area: tin plating over 50 μm 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



### Electrical Features

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

### Mechanical Features

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

## 5514 - T- XX- E

1 2 3 4

### 1. Series

### 2. Plating Options

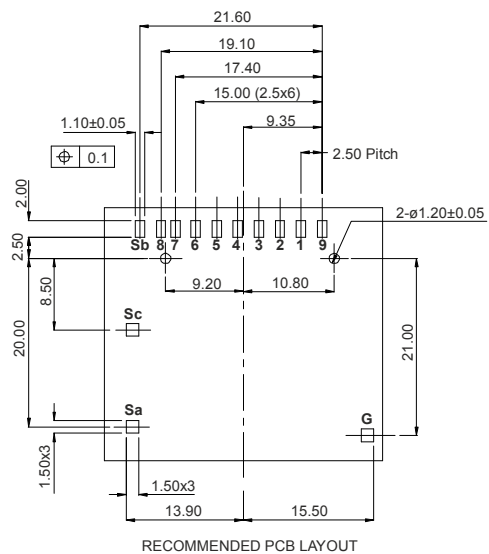
- T = 15. 10μ" sel. gold over nickel overall  
Recommended Finish

### 3. Number of circuits

- Available in 09 circuits

### 5. Packing Options

- E = 2. Reel



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	

Pin N°.	Pin assignment	Pin N°.	Pin assignment
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		