

MICRO SD CONNECTOR PUSH-PUSH TYPE



5516 SERIES. Micro SD connector.

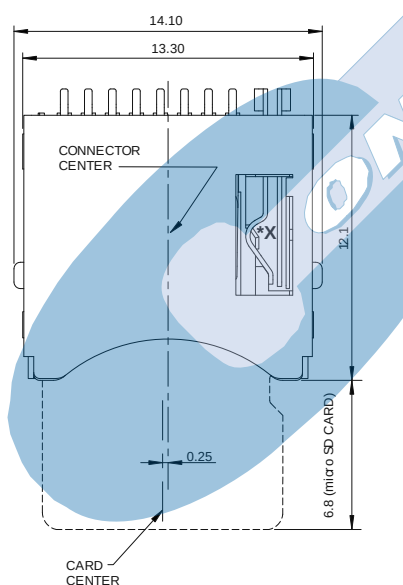
General Features

- Standard Micro SD connector 8 pins
- Contact area: selective gold plating over nickel
- Solder area: tin plating over nickel
- With card detect
- Stand-off: 0 mm. With SMT fixing tabs.
- Push-push type

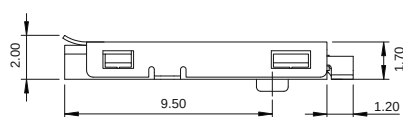
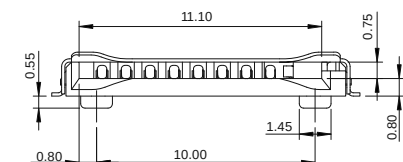
Materials

- Insulator: high temperature thermoplastic UL 94 V-0
- Contact: Phosphor bronze
- Shell: SUS304 tin plated
- Spring: Piano wire
- Operating temperature: -25°C to +85°C
- RoHS compliant

Dimensional Information



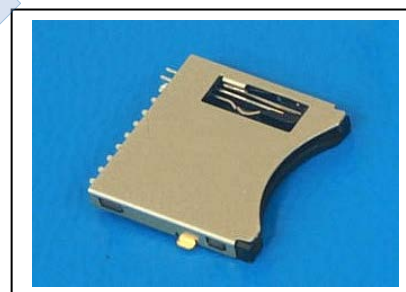
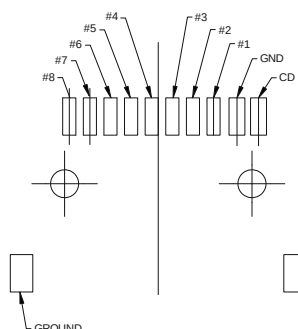
*X = Card detect



CIRCUIT:

WITHOUT CARD	CARD INSERTED
CD ○ ○ GROUND	CD ○ ○ GROUND

Pin Assignment:	
#1	DTA2
#2	CD/DAT3
#3	CMD
#4	VDD
#5	CLK
#6	VSS
#7	DAT0
#8	DAT1



Electrical Features

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

Mechanical Features

- Pulling force: > 0.20 Kgf
- Insertion force: < 0.04 Kgf
- Durability: 10.000 cycles

5516 - T- XX- E

1 2 3 4

1. Series

2. Plating Options

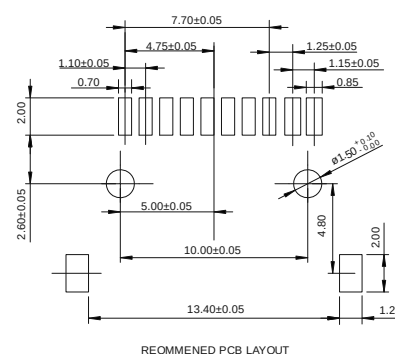
- T = 14. 10μ" sel. gold over nickel overall Recommended Finish

3. Number of circuits

- Available in 08 circuits

5. Packing Options

- E = 2. Reel



RECOMMENDED PCB LAYOUT