

# Amphenol

## Micro SD Card Conn.



**Part Number:101-00303-\*\***

**Micro SD Card Conn.**

- Non push type
- SMT
- Application for mobile phones, PDAs, MP3 players, digital still cameras

### 1.Materials:

Housing: High temperature thermoplastic, UL 94V-0 rated.

Contact: Copper alloy

Cover: SUS304

Ground: Copper alloy selective gold 1u" flash plating, over nickel plating (50U" min)

### 2.Contact finish:

Selective 1~15u" gold on contact area plating, tin 160u" at solder tail, over nickel plating (50U" min)

### 3.Electrical specifications:

Voltage Rating:100VAC

Current Rating:0.5A per contact

Dielectric strength:500VAC initial and 250VAC final for one minute

Insulation Resistance: 1000MΩ min at 500VDC

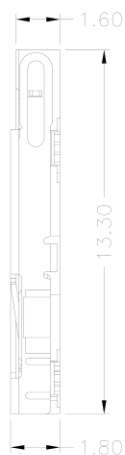
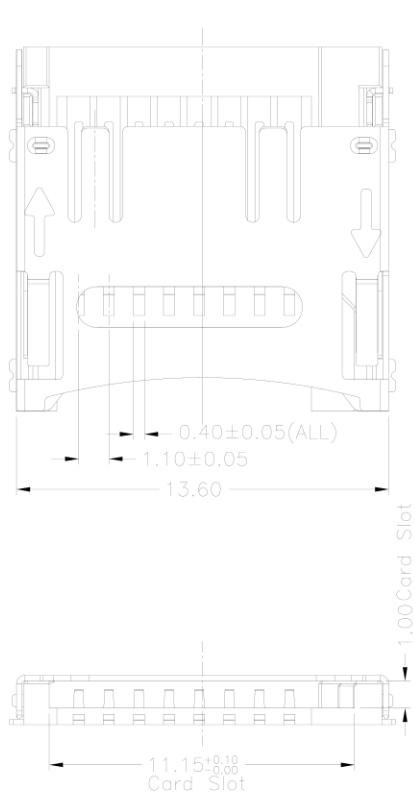
Contact Resistance: 100mΩ max at 100mA

Operating temperature:-25°C~+85°C

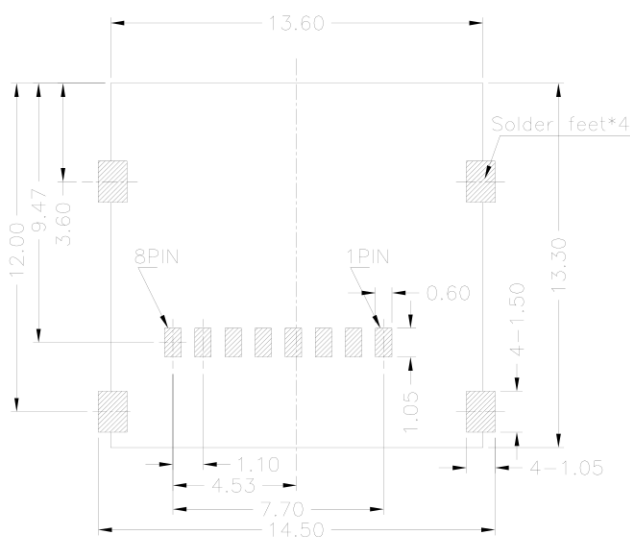
### 4.Mechanical specifications:

Durability: 5000cycles.

### 5.RoHS Compliant



Pin assignment	
Pin No.	Name
1	DAT2
2	CD/DAT3
3	CMD
4	VDD
5	CLK
6	VSS
7	DAT0
8	DAT1



Recommended PCB layout  
Top view(Tolerance: ±0.05)

■ Land area □ Keep out area

