

# MICRO SD CONNECTOR HINGE TYPE



## 5518 SERIES. Micro SD connector.

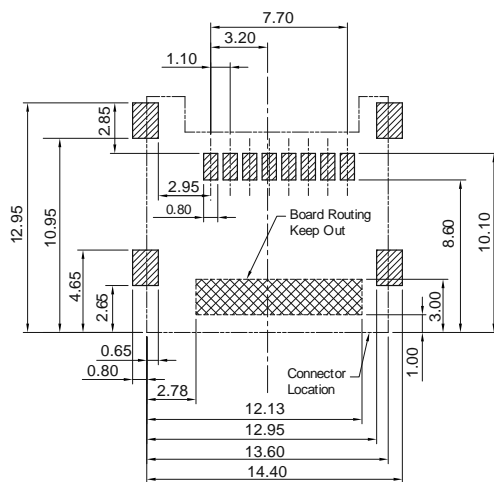
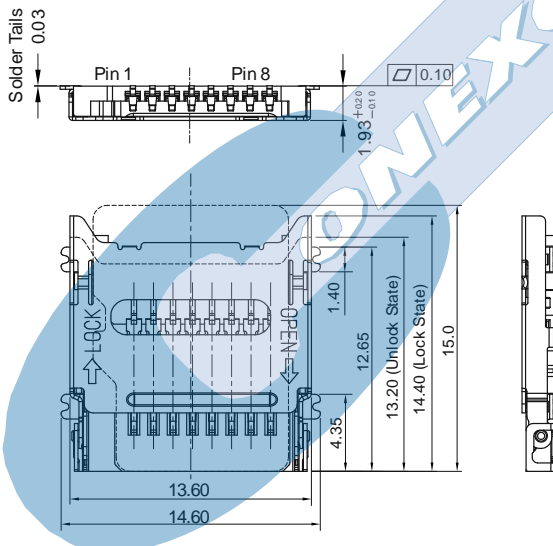
### General Features

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

### Materials

- Insulator: high temperature thermoplastic UL 94 V-0
- Contact: Brass
- Shell: stainless steel  $t = 0.20$  mm tin plated
- Fork: stainless steel  $t = 0.20$  mm tin plated
- Operating temperature.  $-25^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$
- RoHS compliant

### Dimensional Information



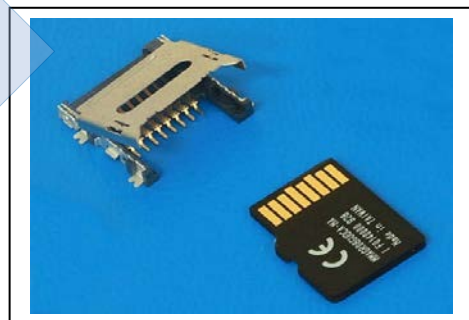
RECOMMENDED PCB LAYOUT  
(Tolerances:  $\pm 0.05$ )

### Electrical Features

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

### Mechanical Features

- Retention force:  $> 0.10$  Kgf
- Durability: 5.000 cycles



## 5518 - T- XX- E

1            2            3            4

### 1. Series

### 2. Plating Options

- T = 5.  $15\mu$ " gold over nickel  
Recommended Finish

### 3. Number of circuits

- Available in 08 circuits

### 5. Packing Options

- E = 2. Reel

