

# BOARD TO BOARD TOP ENTRY SMT CONNEC.



## 5069 SERIES. 5.08 mm (0.200") pitch.

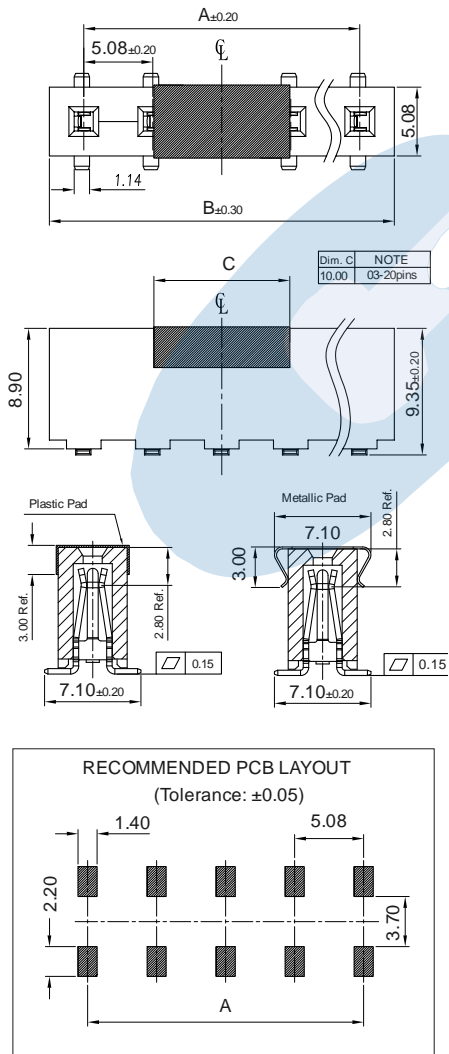
### General Features

- Available in 2 through 24 circuits
- Mates with 5.08 mm. pin header 1.14 mm. square/round Pin 5086, 5087, 5088, 5071, 5072 and 5075
- Box contact PCB female terminal

### Materials

- Insulator: High temperature plastic UL94 V-0 LCP
- Contact: Tin plated phosphor bronze
- Operating temperature: -25°C to +125°C
- RoHS compliant

### Dimensional Information



### Electrical Features

- Voltage rating: < 250V
- Current rating: < 7 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding voltage: 1500 V AC/minute
- Insulation resistance: >1000 MΩ
- Capacitance: < 2 pF at 1 KHz

### Mechanical Features

- Insertion force receptacle/plug: < 0.70 Kgf/pin
- Unmating force receptacle/plug: > 0.05 Kgf/pin
- Contact retention force to housing: > 1.00 Kgf/pin
- Durability: 50 cycles



### Ordering Information:

**5069 - T- XX- 1- E**  
                   2      3      4      5

#### 1. Connector Series

#### 2. (T) Contact Plating

- T = 2. Tin plated  
                   Recommended Finish

#### 3. (XX) Number of circuits

- Available in 2 through 20 circuits

#### 5. (E) Connector Packaging

- E = 1. Tube + Pad
- E = 2. Reel + Pad
- E = 5. Tube + Metal Pad
- E = 6. Reel + Metal Pad

Dimensions: (In mm.)

A = 5.08 x (XX\*-1)

B = 5.08 x (XX\*)

\* XX (Number of circuits)