

# BOARD TO BOARD CONNECTOR RECEPTACLE



## 0827 SERIES. 0.80mm. (0.032") pitch.

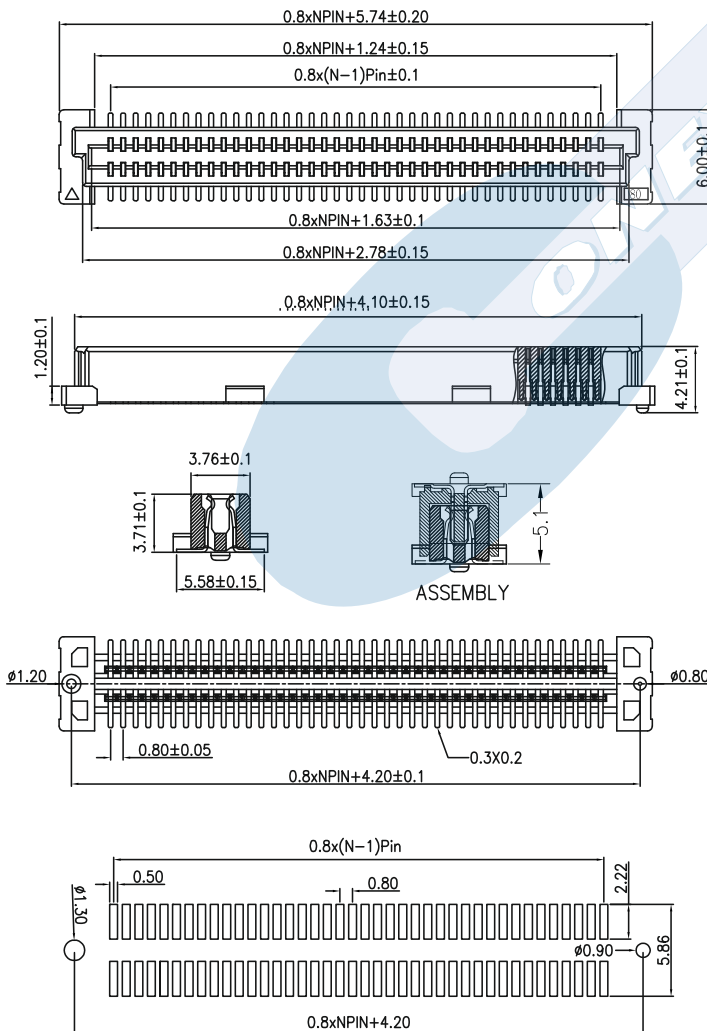
### General Features

- Available in 60, 80, 100 and 140 circuits
- Mates with plug 0.80 mm pitch 0826 series
- With polarized fixing post for PCB

### Materials

- Insulator: LCP UL 94 V-0
- Contact: Phosphore bronze
- Operating temperature. -40°C to +85°C
- RoHS compliant

### Dimensional Information



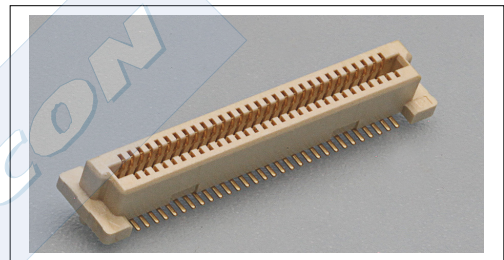
Recommended P.C.B Layout(Top Side)  
(PCB BOARD TOLERANCE±0.05)

### Electrical Features

- Voltage rating: < 50 V
- Current rating: < 0,5 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding voltage: 200 V AC/minute
- Insulation resistance: >100 MΩ

### Mechanical Features

- Durability: 25 cycles



### Ordering Information:

**0827 - T- XX- P E**  
1 2 3 4 5

#### 1. Connector Series

#### 2. (T) Contact Plating

- T = 3. Gold flash over nickel  
Recommended Finish

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

- Available in 60, 80, 100 and 140 circuits

#### 4. (P) Fixing Post

- P = 2. With fixing post

#### 5. (E) Packing Options

- E = 5. Tube + Metallic Pad
- E = 6. Reel + Metallic Pad