

# 1.00 mm. FCC/FPC SIDE ENTRY ZIF CONNEC.



## 2130 SERIES. 1.00mm (0.039") Pitch.

### General Features

- Available in 4 through 32 circuits
- Zero insertion force(ZIF) and high retention force
- Accept 0.30 mm thickness FPC
- Easy for FPC installation and reliable operation

### Materials

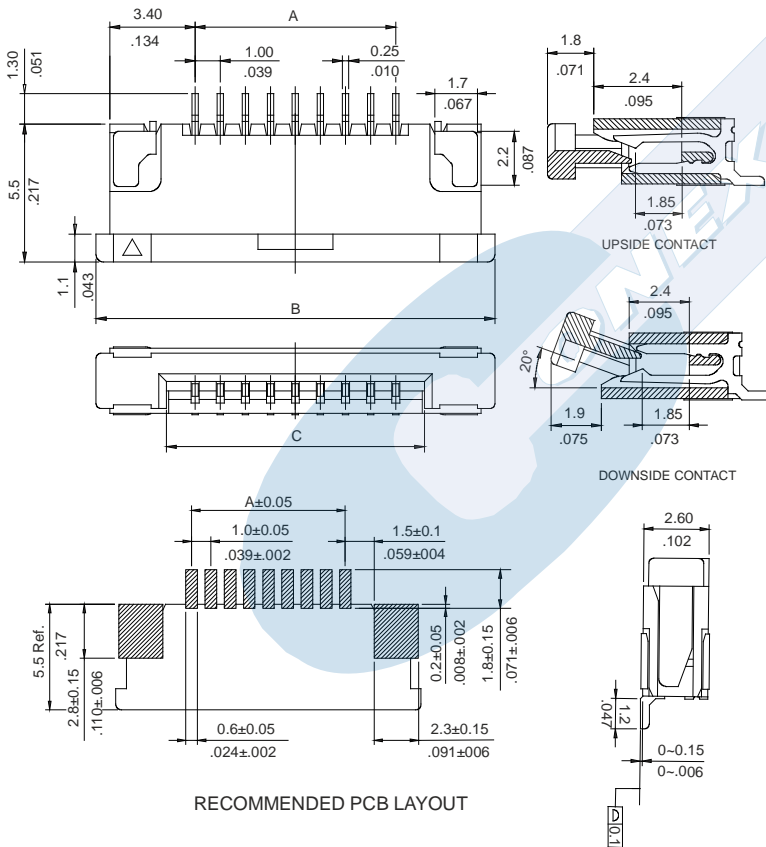
- Body: Nylon 6T UL 94 V-0
- Slider: Nylon 6T UL 94 V-0
- Contact: Phosphor bronze
- Operating temperature. -40°C to + 85°C
- RoHS compliant

### 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

- Contact retaining force in insulator: > 0.30 Kgf
- FPC withdrawal force:
  - Over 10 circuits > 0.20 + 0.04 Kgf/contact
  - Under 10 circuits > 0.10 + 0.04 Kgf/contact
- Durability: 20 cycles



### Ordering Information:

**2130 - 2- XX- C- \***  
 1 2 3 4 5

#### 1. Connector Series

#### 2. (T) Contact Plating

- T = 2. Tin plated

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

- Available in 4 through 32 circuits

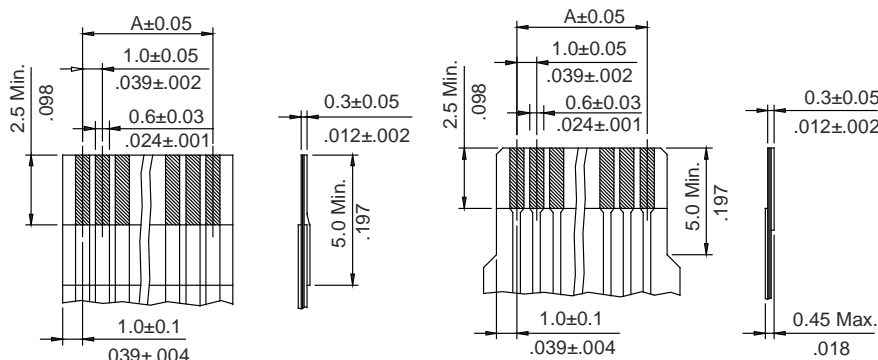
#### 4. (XX) Contact Options

- C = 1. Upside Contact
- C = 2. Downside Contact

#### 5. (\*) Packing Options

- Add R to the end of Part Number for reel packing

RECOMMENDED PCB LAYOUT



ACCOMMODATED FCC

ACCOMMODATED FPC

### DIMENSIONS:

A = 1.00 x (xx-1)  
 B = 1.00 x (xx) + 6.20  
 C = 1.00 x (xx) + 1.10  
 \*(XX) = Circuits (4 through 32)