

# Ordering Code:

CI07 02 M 1 H R A - NH  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Series No.
- ② No. of Circuits: 2 Pin
- ③ M= SMT type header
- ④ Plating: 1= Matte Tin Plating over Nickel
- ⑤ Type: H= Side Entry
- ⑥ Packing Options: R= Tape & Reel packing
- ⑦ Option: A= With Locking Ramp
- ⑧ Other option:  
-NH= For Lead Free IR Processes and Halogen-Free

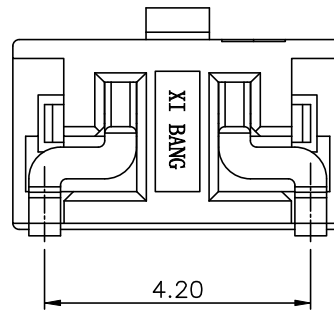
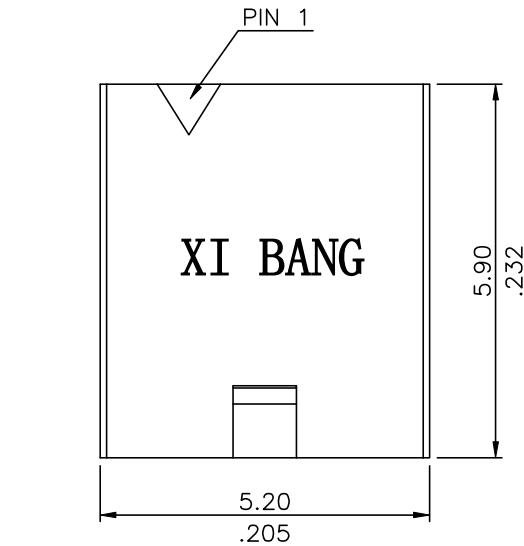
## Material:

Base: High temperature plastic

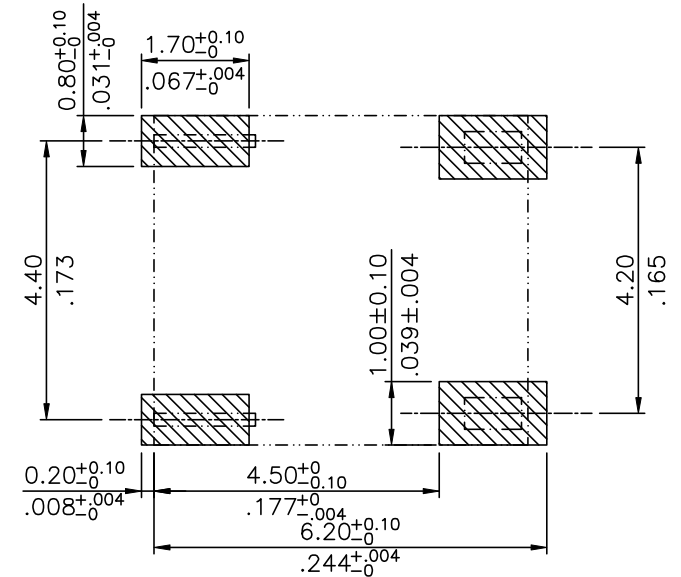
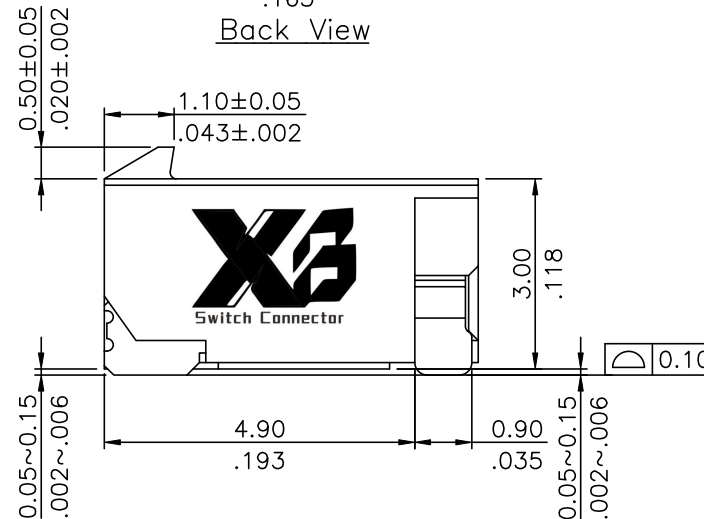
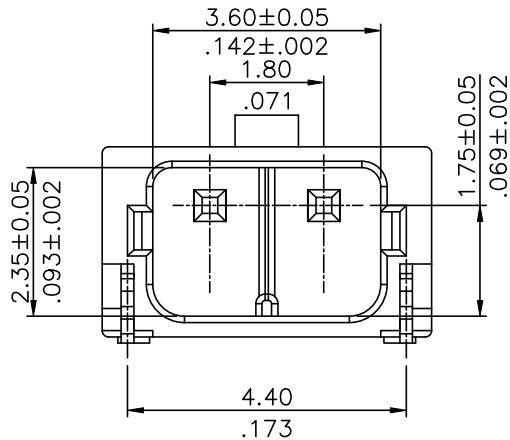
UL 94V-0, Color Nature

Contact: Copper alloy with Matte Tin plated

Tab: Copper alloy with Matte Tin plated



Back View



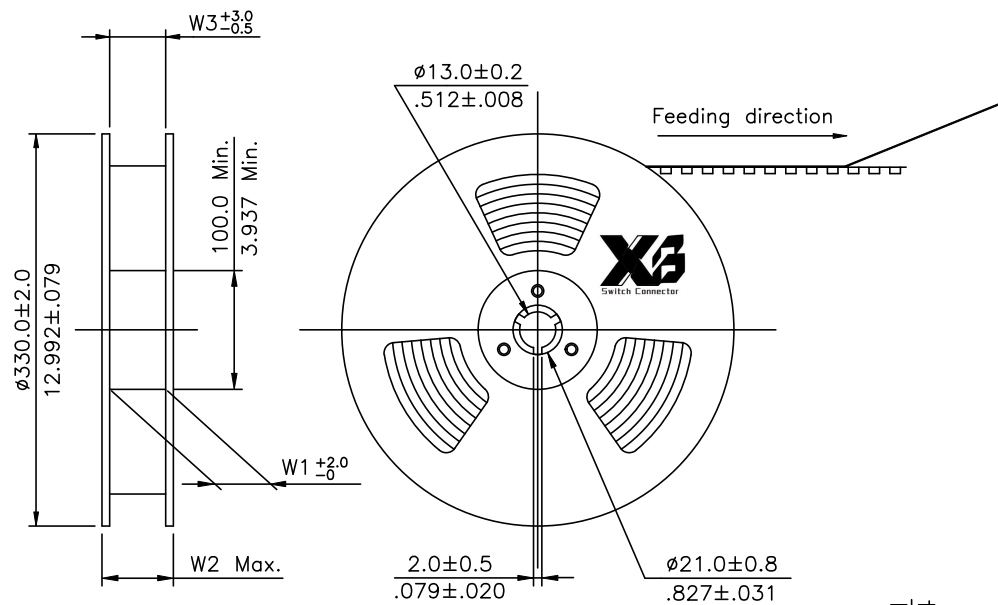
Recommended P.C. Board Layout

Halogen-Free

Lead Free Process

RoHS Compliant

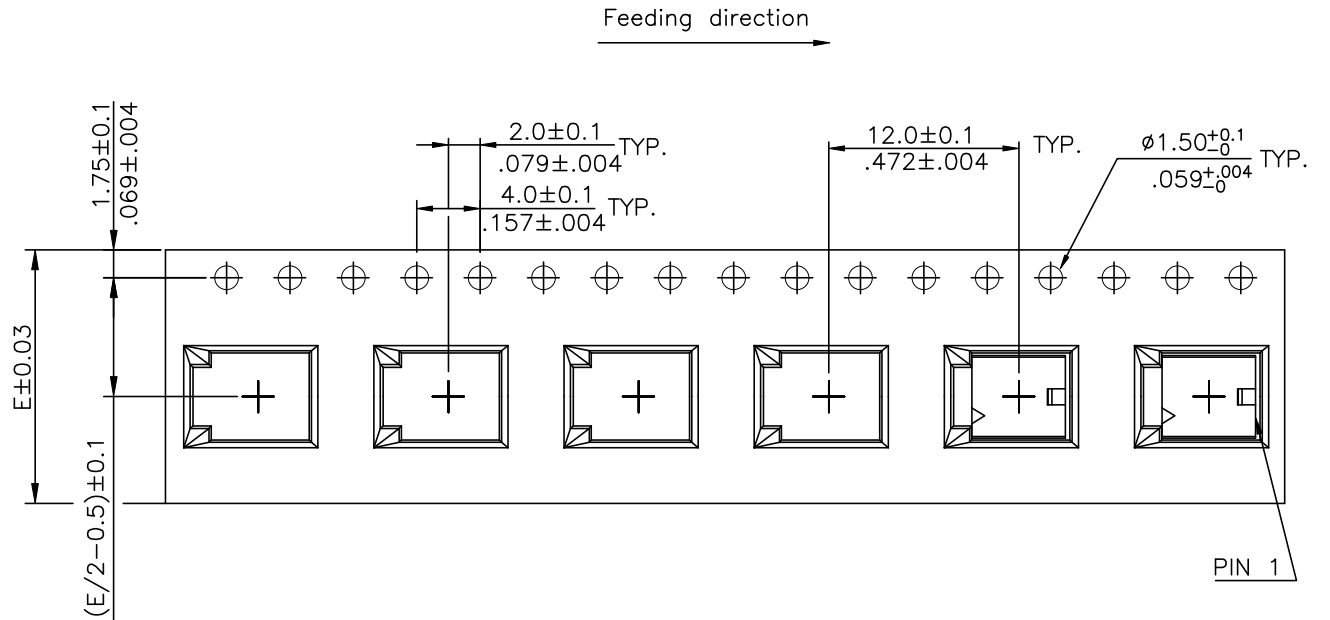
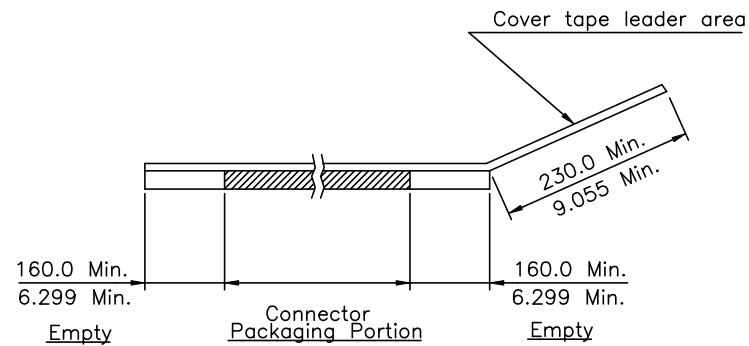
|     |      |           |                       |                     |           |                                                                                                                                   |  |                                                 |                                                                                                                                                                    |                             |                                                 |  |
|-----|------|-----------|-----------------------|---------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------|--|
| ④   |      |           |                       |                     | DATE      | UNIT: mm / inch                                                                                                                   |  | TITLE: 1.80mm(.070")<br>WIRE TO BOARD CONNECTOR | <div><div>东莞市溪榜电子有限公司<br/>DONG GUAN XI BANG ELECTRONICS CO., LTD.</div></div> |                             |                                                 |  |
| ③   |      |           |                       | DRAWN BY: Amy       | 11/14-23' | TOLERANCE<br>UNLESS OTHERWISE SPECIFIED<br>.X ± 0.30/.012    X.* ± 1"<br>.XX ± 0.20/.008    .X.* ±<br>.XXX ± 0.10/.004    .XX.* ± |  |                                                 |                                                                                                                                                                    | MATERIAL:                   | DRAWING NO. CIO720SB    PART NO. CIO702M1HRA-NH |  |
| ②   |      |           |                       | ENGINEER: Sun       | 11/14-23' |                                                                                                                                   |  |                                                 |                                                                                                                                                                    |                             |                                                 |  |
| ①   | Amy  | 11/14-23' | ECNT123179/ECRB123029 | CHECKED BY: Eisley  | 11/14-23' |                                                                                                                                   |  | FINISH:                                         |                                                                                                                                                                    | SCALE 8 / 1    SHEET 1 OF 2 |                                                 |  |
| SYM | NAME | DATE      | REVISIONS             | APPROVED BY: Eisley | 11/14-23' |                                                                                                                                   |  |                                                 |                                                                                                                                                                    |                             |                                                 |  |



# NOTES:

1. Reel Material : HIPS
2. 10 sprocket hole pitch cumulative tolerance  $\pm 0.20$
3. Carrier camber is within 1 mm in 250 mm.
4. Material :Transparent ps.
5. All dimensions meet EIA-481 requirements.
6. Thickness :  $0.35\pm 0.05\text{mm}$ .
6. Quantity : 1300 PCS/Reel.

| Circuits | Dimension  |            |            |            | Packing<br>(Reel/Carton) |
|----------|------------|------------|------------|------------|--------------------------|
|          | E          | W1         | W2         | W3         |                          |
| 02       | 16.0(.630) | 16.5(.650) | 22.5(.886) | 16.5(.650) | 11                       |



RoHS Compliant

|              |      |           |                       |              |        |                 |                                         |                                                 |           |                                                                                                                                 |             |          |          |                |
|--------------|------|-----------|-----------------------|--------------|--------|-----------------|-----------------------------------------|-------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------|-------------|----------|----------|----------------|
| <div>4</div> |      |           |                       |              | DATE   | UNIT: mm / inch |                                         | TITLE: 1.80mm(.070")<br>WIRE TO BOARD CONNECTOR |           | <div><div><div></div><div>Switch Connector</div></div><div>东莞市溪榜电子有限公司<br/>DONG GUAN XI BANG ELECTRONI CS CO., LTD.</div></div> |             |          |          |                |
| <div>3</div> |      |           |                       | DRAWN BY:    | Amy    | 11/14-23'       | TOLERANCE<br>UNLESS OTHERWISE SPECIFIED |                                                 |           |                                                                                                                                 |             |          |          |                |
| <div>2</div> |      |           |                       | ENGINEER:    | Sun    | 11/14-23'       | .X ±                                    | X* ± 1"                                         | MATERIAL: |                                                                                                                                 |             |          |          |                |
| <div>1</div> | Amy  | 11/14-23' | ECNT123179/ECRB123029 | CHECKED BY:  | Eisley | 11/14-23'       | .XX ±                                   | .X* ±                                           |           |                                                                                                                                 |             |          |          |                |
| SYM          | NAME | DATE      | REVISIONS             | APPROVED BY: | Eisley | 11/14-23'       | .XXX ±                                  | .XX* ±                                          | CUSTOMER: |                                                                                                                                 | DRAWING NO. | CIO720SB | PART NO. | CIO702M1HRA-NH |
|              |      |           |                       |              |        |                 |                                         |                                                 |           |                                                                                                                                 | SCALE       | 8 / 1    | SHEET    | 1              |