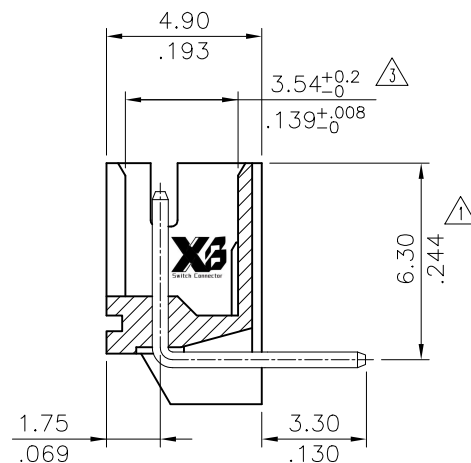
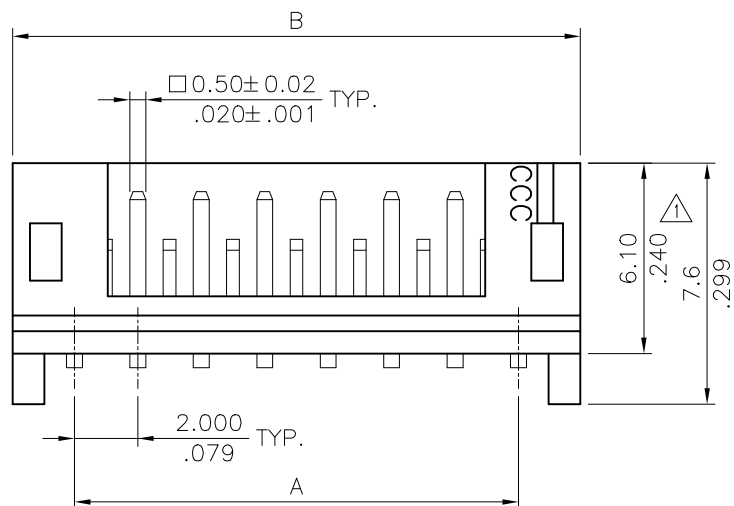
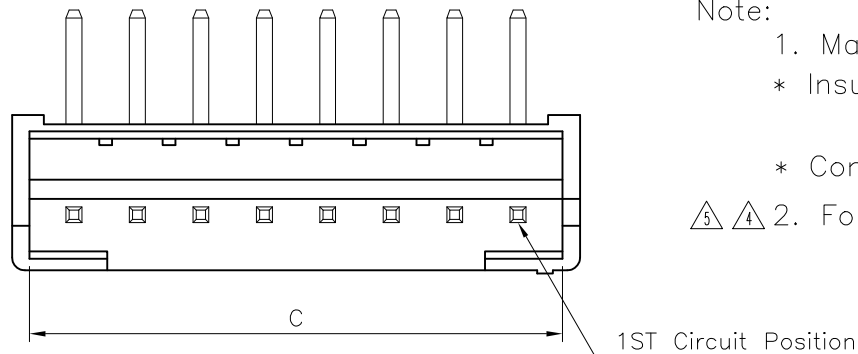


Recommended P.C. Board Layout

Note:

1. Material:

\* Insulation: Nylon 66 UL 94V-0  
Color Nature

\* Contact: Brass

2. For Lead Free Wave Flow Process

Ordering Code:

CI01 \*\* P 1 H 00  
① ② ③ ④ ⑤ ⑥

① Series No.

② No. of Circuits:

③ P= Pin header

④ Plating: 1= 3.05μm(120μ") Min. Tin over  
0.76μm(30μ") Nickel  
2= Gold Flash plated over  
1.27μm(50μ") Nickel

⑤ Type:H= Right angle

⑥ Other option: 0= Without Pin Kinked

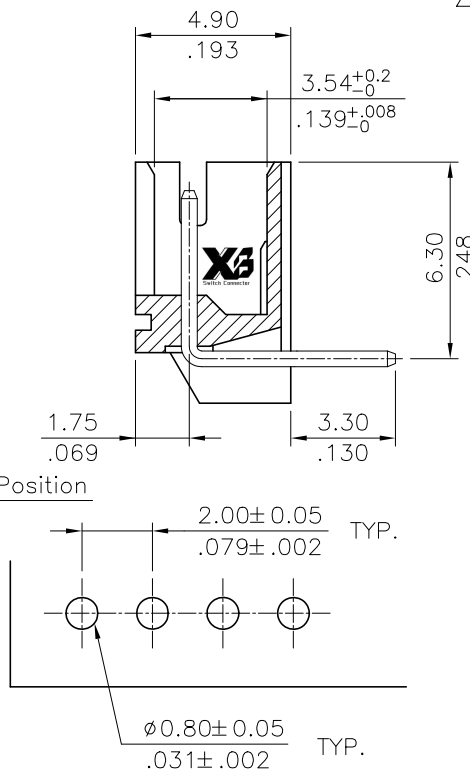
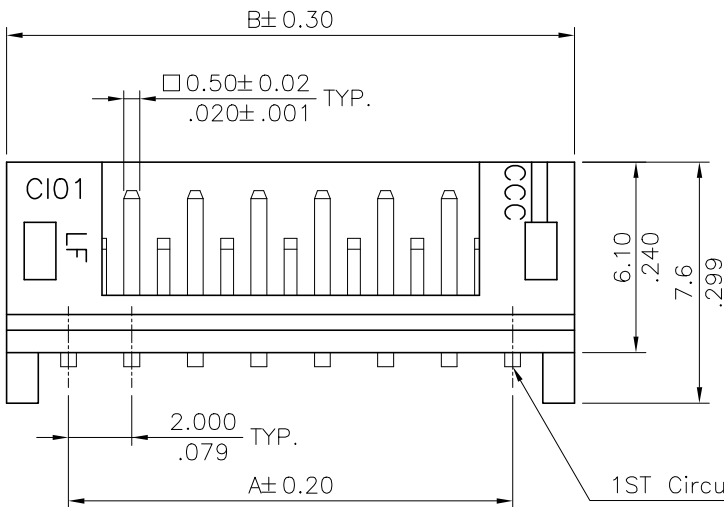
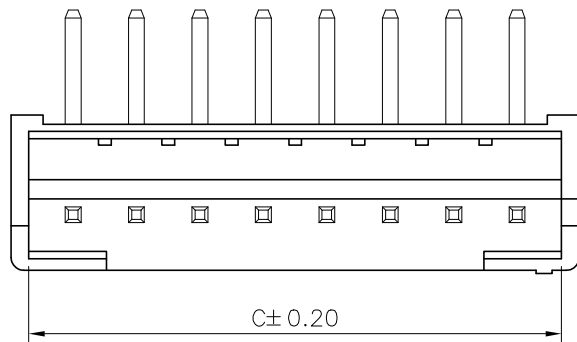
| Circuits | Dimension    |             |              |
|----------|--------------|-------------|--------------|
|          | A            | B           | C            |
| 2        | 2.00(.079)   | 6.0(.236)   | 4.90(.193)   |
| 3        | 4.00(.157)   | 8.0(.315)   | 6.90(.272)   |
| 4        | 6.00(.236)   | 10.0(.394)  | 8.90(.350)   |
| 5        | 8.00(.315)   | 12.0(.472)  | 10.90(.429)  |
| 6        | 10.00(.394)  | 14.0(.551)  | 12.90(.508)  |
| 7        | 12.00(.472)  | 16.0(.630)  | 14.90(.587)  |
| 8        | 14.00(.551)  | 18.0(.709)  | 16.90(.665)  |
| 9        | 16.00(.630)  | 20.0(.787)  | 18.90(.774)  |
| 10       | 18.00(.709)  | 22.0(.866)  | 20.90(.823)  |
| 11       | 20.00(.787)  | 24.0(.945)  | 22.90(.902)  |
| 12       | 22.00(.866)  | 26.0(1.024) | 24.90(.980)  |
| 13       | 24.00(.945)  | 28.0(1.102) | 26.90(1.059) |
| 14       | 26.00(1.024) | 30.0(1.181) | 28.90(1.138) |
| 15       | 28.00(1.102) | 32.0(1.260) | 30.90(1.217) |
| 16       | 30.00(1.181) | 34.0(1.338) | 32.90(1.295) |

Halogen-Free

Lead Free Process

RoHS compliant

|     |       |          |                       |              |        |                 |                                            |                                                                                                                                              |                                         |
|-----|-------|----------|-----------------------|--------------|--------|-----------------|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| ⑤   | Sun   | 7/20-17' | ECNT117146/ECRT117041 |              | DATE   | UNIT: mm / inch | TITLE: 2.00MM(.079")<br>RIGHT ANGLE HEADER |  东莞市溪榜电子有限公司<br>DONG GUAN XI BANG ELECTRONICS CO., LTD. |                                         |
| ④   | Enya  | 3/6-13'  | ECN13056-0/ECR13007-1 | DRAWN BY:    | Sun    | 7/21-17'        |                                            |                                                                                                                                              | TOLERANCE<br>UNLESS OTHERWISE SPECIFIED |
| ③   | SUN   | 11/02/04 | ECR04096-0/ECN04425   | ENGINEER:    | Sun    | 7/21-17'        | MATERIAL:                                  |                                                                                                                                              |                                         |
| ②   | Sandy | 8/05/04  | ECN04300              | CHECKED BY:  | Eisley | 7/28-17'        |                                            |                                                                                                                                              | FINISH:                                 |
| SYM | NAME  | DATE     | REVISIONS             | APPROVED BY: | Eisley | 7/28-17'        |                                            | DRAWING NO. CI0124SF                                                                                                                         |                                         |
|     |       |          |                       |              |        |                 |                                            | SCALE 4 / 1                                                                                                                                  | SHEET 1 OF 1                            |



Recommended P.C. Board Layout

Note:

1. Material:

③ \* Insulation: High Temperature Plastic  
UL 94V-0 Color Nature

\* Contact: Brass

④ 2. For Lead Free Wave flow Process

Ordering Code:

CI01 \*\* P 1 H 00 - LF  
① ② ③ ④ ⑤ ⑥ ⑦

① Series No.

② No. of Circuits:

③ P= Pin header

④ Plating: 1= 3.05μm(120u") Min. Tin over  
0.76μm(30u") Nickel (Matte Tin Finish)

⑤ Type:H= Right angle

⑥ Other option: 00= Without Pin Kinked

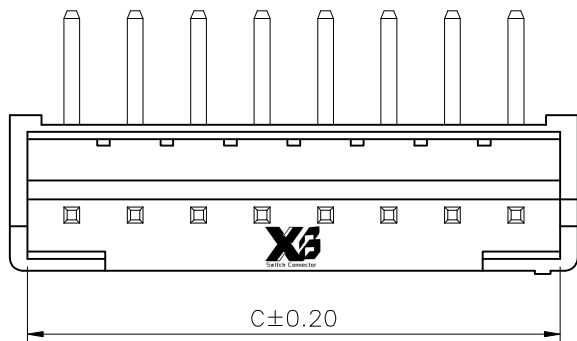
⑦ -LF= For Lead Free Wave Flow Process

| Circuits | Dimension    |             |              |
|----------|--------------|-------------|--------------|
|          | A            | B           | C            |
| 2        | 2.00(.079)   | 6.0(.236)   | 4.90(.193)   |
| 3        | 4.00(.157)   | 8.0(.315)   | 6.90(.272)   |
| 4        | 6.00(.236)   | 10.0(.394)  | 8.90(.350)   |
| 5        | 8.00(.315)   | 12.0(.472)  | 10.90(.429)  |
| 6        | 10.00(.394)  | 14.0(.551)  | 12.90(.508)  |
| 7        | 12.00(.472)  | 16.0(.630)  | 14.90(.587)  |
| 8        | 14.00(.551)  | 18.0(.709)  | 16.90(.665)  |
| 9        | 16.00(.630)  | 20.0(.787)  | 18.90(.774)  |
| 10       | 18.00(.709)  | 22.0(.866)  | 20.90(.823)  |
| 11       | 20.00(.787)  | 24.0(.945)  | 22.90(.902)  |
| 12       | 22.00(.866)  | 26.0(1.024) | 24.90(.980)  |
| 13       | 24.00(.945)  | 28.0(1.102) | 26.90(1.059) |
| 14       | 26.00(1.024) | 30.0(1.181) | 28.90(1.138) |
| 15       | 28.00(1.102) | 32.0(1.260) | 30.90(1.217) |
| 16       | 30.00(1.181) | 34.0(1.338) | 32.90(1.295) |

Lead Free Process

RoHS Compliant

|     |       |          |                       |              |        |                 |                                         |                                               |                                                                                                                                                           |          |          |                |
|-----|-------|----------|-----------------------|--------------|--------|-----------------|-----------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------------|
| ④   |       |          |                       |              | DATE   | UNIT: mm / inch |                                         | TITLE:<br>2.00MM(.079")<br>RIGHT ANGLE HEADER | <div> 东莞市溪榜电子有限公司<br/>DONG GUAN XI BANG ELECTRONI CS CO., LTD.</div> |          |          |                |
| ③   | Enya  | 4/12-13' | ECN13075-0/ECR13027-0 | DRAWN BY:    | Enya   | 4/12-13'        | TOLERANCE<br>UNLESS OTHERWISE SPECIFIED |                                               |                                                                                                                                                           |          |          |                |
| ②   | Enya  | 3/7-13'  | ECN13056-0/ECR13007-1 | ENGINEER:    | Eisley | 4/15-13'        |                                         | .X ± 0.30/.012    X' ± 1"                     |                                                                                                                                                           |          |          |                |
| ①   | Karen | 5/24-10' | ECN10126              | CHECKED BY:  | Eisley | 4/15-13'        | .XX ± 0.20/.008    .X' ±                |                                               |                                                                                                                                                           |          |          |                |
| SYM | NAME  | DATE     | REVISIONS             | APPROVED BY: | David  | 4/15-13'        | .XXX ± 0.10/.004    .XX' ±              | MATERIAL:                                     | DRAWING NO.                                                                                                                                               | CI0149SC | PART NO. | CI01**P1H00-LF |
|     |       |          |                       |              |        |                 |                                         | FINISH:                                       | SCALE                                                                                                                                                     | 4 / 1    | SHEET    | 1 OF 1         |



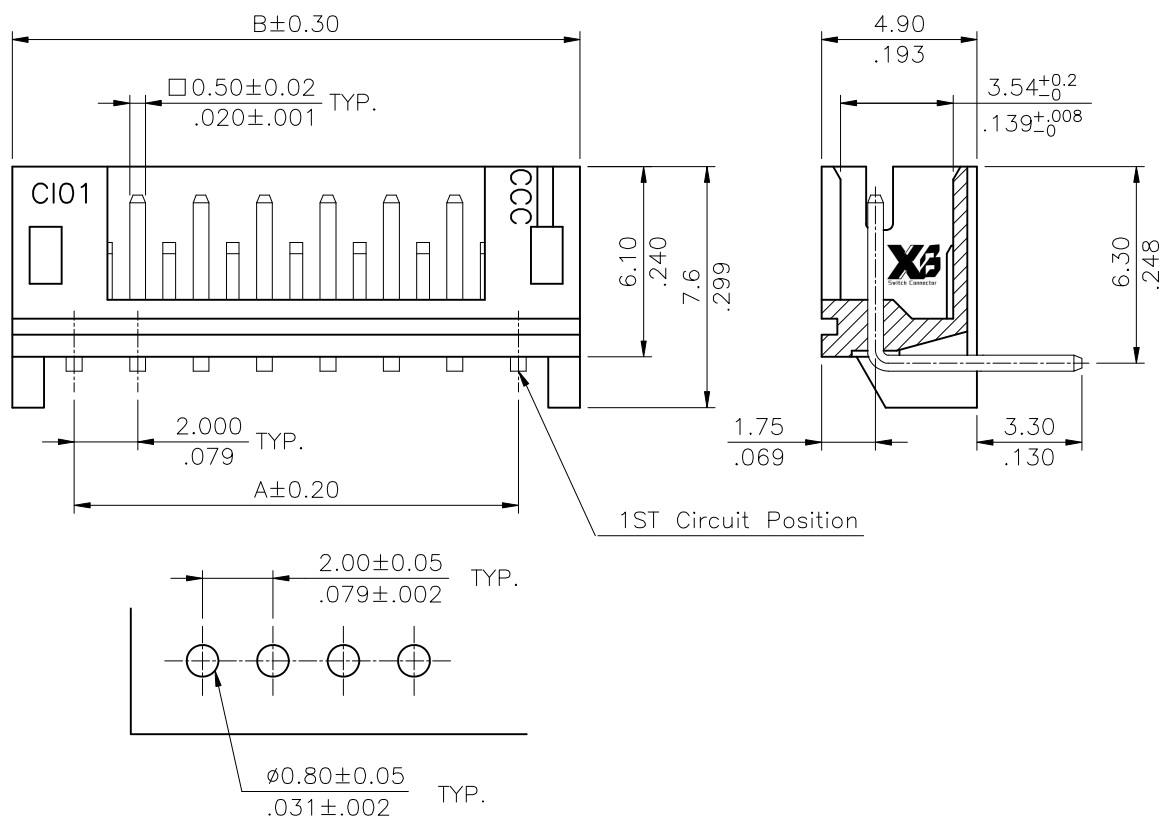
Note:

1. Material:

\* Insulation: Nylon 6T UL 94V-0  
Color Nature(Halogen-Free)

\* Contact: Brass

2. For Lead Free Wave flow Process



Recommended P.C. Board Layout

## Ordering Code:

CI01 \*\* P \* H 00 - NH  
① ② ③ ④ ⑤ ⑥ ⑦

① Series No.

② No. of Circuits:

③ P= Pin header

④ Plating: 1=  $3.05\mu\text{m}$  ( $120\mu''$ ) Matte Tin  
over  $0.76\mu\text{m}$  ( $30\mu''$ ) Nickel  
2=  $0.03\mu\text{m}$  ( $1.2\mu''$ ) Min. Gold Flash plated  
over  $1.27\mu\text{m}$  ( $50\mu''$ ) Nickel

⑤ Type:H= Right angle

⑥ Other option: 00= Without Pin Kinked

⑦ -NH= For Lead Free Wave flow Process  
and Halogen-Free

| Circuits | Dimension    |             |              |
|----------|--------------|-------------|--------------|
|          | A            | B           |              |
| 2        | 2.00(.079)   | 6.0(.236)   | 4.90(.193)   |
| 3        | 4.00(.157)   | 8.0(.315)   | 6.90(.272)   |
| 4        | 6.00(.236)   | 10.0(.394)  | 8.90(.350)   |
| 5        | 8.00(.315)   | 12.0(.472)  | 10.90(.429)  |
| 6        | 10.00(.394)  | 14.0(.551)  | 12.90(.508)  |
| 7        | 12.00(.472)  | 16.0(.630)  | 14.90(.587)  |
| 8        | 14.00(.551)  | 18.0(.709)  | 16.90(.665)  |
| 9        | 16.00(.630)  | 20.0(.787)  | 18.90(.774)  |
| 10       | 18.00(.709)  | 22.0(.866)  | 20.90(.823)  |
| 11       | 20.00(.787)  | 24.0(.945)  | 22.90(.902)  |
| 12       | 22.00(.866)  | 26.0(1.024) | 24.90(.980)  |
| 13       | 24.00(.945)  | 28.0(1.102) | 26.90(1.059) |
| 14       | 26.00(1.024) | 30.0(1.181) | 28.90(1.138) |
| 15       | 28.00(1.102) | 32.0(1.260) | 30.90(1.217) |
| 16       | 30.00(1.181) | 34.0(1.338) | 32.90(1.295) |

Halogen-Free

Lead Free Process

RoHS Compliant

|              |      |      |           |              |        |          |                                         |         |                                               |                                                                                                                                  |           |          |                |
|--------------|------|------|-----------|--------------|--------|----------|-----------------------------------------|---------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------|----------|----------------|
| <div>4</div> |      |      |           |              |        | DATE     | UNIT: mm / inch                         |         | TITLE:<br>2.00MM(.079")<br>RIGHT ANGLE HEADER | <div><div><div>X3</div><div>Switch Connector</div></div><div>东莞市溪榜电子有限公司<br/>DONG GUAN XI BANG ELECTRONICS CO., LTD.</div></div> |           |          |                |
| <div>3</div> |      |      |           | DRAWN BY:    | Yushu  | 9/20-19' | TOLERANCE<br>UNLESS OTHERWISE SPECIFIED |         |                                               |                                                                                                                                  |           |          |                |
| <div>2</div> |      |      |           | ENGINEER:    | Sun    | 9/23-19' | .X ± 0.30/.012                          | X" ± 1" | MATERIAL:                                     |                                                                                                                                  |           |          |                |
| <div>1</div> |      |      |           | CHECKED BY:  | Eisley | 9/26-19' | .XX ± 0.20/.008                         | X" ±    | CUSTOMER:                                     |                                                                                                                                  |           |          |                |
| SYM          | NAME | DATE | REVISIONS | APPROVED BY: | Eisley | 9/26-19' | .XXX ± 0.10/.004                        | .XX" ±  | TCF0024                                       | DRAWING NO.                                                                                                                      | CI01215SA | PART NO. | CI01**P*H00-NH |
|              |      |      |           |              |        |          |                                         |         |                                               | SCALE                                                                                                                            | 4 / 1     | SHEET    | 1 OF 1         |

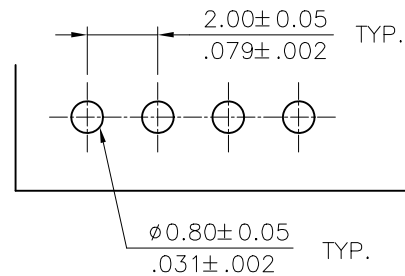
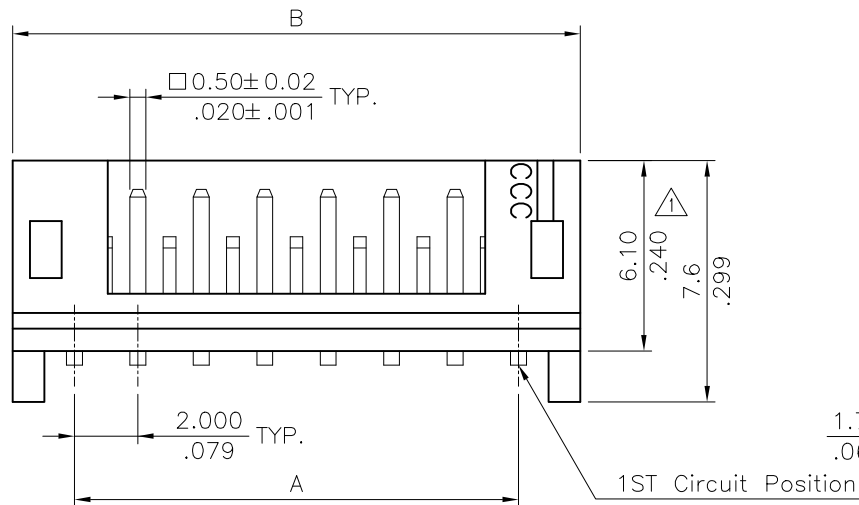
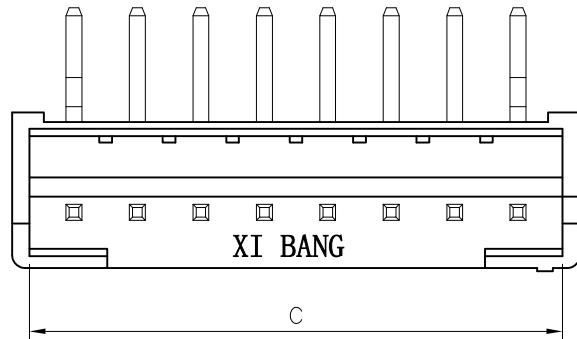
Note:

1. Material:

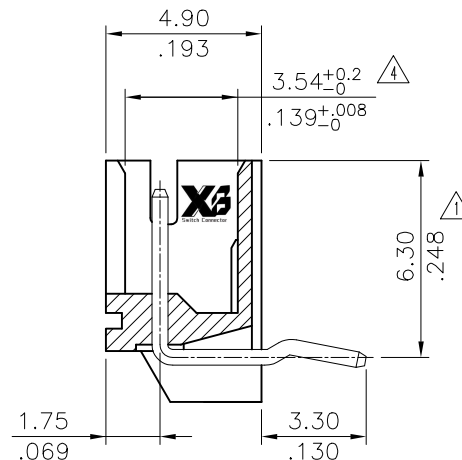
\* Insulation: Nylon 66 UL 94V-0  
Color Nature

\* Contact: Brass

④ ③ 2. For Lead Free Wave Flow Process



Recommended P.C. Board Layout



Ordering Code:

CI01 \*\* P 1 H K0  
① ② ③ ④ ⑤ ⑥

① Series No.

② No. of Circuits:

③ P= Pin header

④ Plating: 1= 3.05µm(120µ") Min. Tin over  
0.76µm(30µ") Nickel

⑤ Type:H= Right angle

⑥ Other option: K0= With Pin Kinked

| Circuits | Dimension    |             |              |
|----------|--------------|-------------|--------------|
|          | A            | B           | C            |
| 2        | 2.00(.079)   | 6.0(.236)   | 4.90(.193)   |
| 3        | 4.00(.157)   | 8.0(.315)   | 6.90(.272)   |
| 4        | 6.00(.236)   | 10.0(.394)  | 8.90(.350)   |
| 5        | 8.00(.315)   | 12.0(.472)  | 10.90(.429)  |
| 6        | 10.00(.394)  | 14.0(.551)  | 12.90(.508)  |
| 7        | 12.00(.472)  | 16.0(.630)  | 14.90(.587)  |
| 8        | 14.00(.551)  | 18.0(.709)  | 16.90(.665)  |
| 9        | 16.00(.630)  | 20.0(.787)  | 18.90(.774)  |
| 10       | 18.00(.709)  | 22.0(.866)  | 20.90(.823)  |
| 11       | 20.00(.787)  | 24.0(.945)  | 22.90(.902)  |
| 12       | 22.00(.866)  | 26.0(1.024) | 24.90(.980)  |
| 13       | 24.00(.945)  | 28.0(1.102) | 26.90(1.059) |
| 14       | 26.00(1.024) | 30.0(1.181) | 28.90(1.138) |
| 15       | 28.00(1.102) | 32.0(1.260) | 30.90(1.217) |
| 16       | 30.00(1.181) | 34.0(1.338) | 32.90(1.295) |

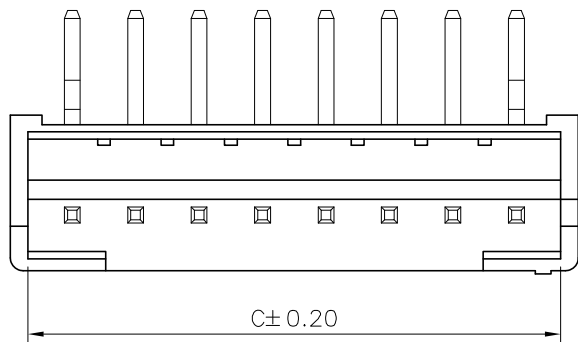
Halogen-Free

Lead Free Process

RoHS compliant

|     |       |          |                       |              |        |          |                                         |                                               |                                                                                                                                                                 |          |          |             |
|-----|-------|----------|-----------------------|--------------|--------|----------|-----------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|-------------|
| ④   | Sun   | 7/20-17' | ECNT117146/ECRT117041 |              |        | DATE     | UNIT: mm / inch                         | TITLE:<br>2.00MM(.079")<br>RIGHT ANGLE HEADER | <div><b>东莞市溪榜电子有限公司</b><br/>DONG GUAN XI BANG ELECTRONI CS CO., LTD.</div> |          |          |             |
| ③   | Enya  | 3/6-13'  | ECN13056-0/ECR13007-1 | DRAWN BY:    | Sun    | 7/21-17' | TOLERANCE<br>UNLESS OTHERWISE SPECIFIED |                                               |                                                                                                                                                                 |          |          |             |
| ②   | Sandy | 8/05/04' | ECN04300              | ENGINEER:    | Sun    | 7/21-17' | .X ± 0.30/.012    X' ± 1'               | MATERIAL:                                     |                                                                                                                                                                 |          |          |             |
| ①   | Casey | 5/20/04' | ECN04202              | CHECKED BY:  | Eisley | 7/28-17' | .XX ± 0.20/.008    X' ±                 | FINISH:                                       |                                                                                                                                                                 |          |          |             |
| SYM | NAME  | DATE     | REVISIONS             | APPROVED BY: | Eisley | 7/28-17' | .XXX ± 0.10/.004    .XX ±               |                                               |                                                                                                                                                                 |          |          |             |
|     |       |          |                       |              |        |          |                                         |                                               | DRAWING NO.                                                                                                                                                     | CI0103SJ | PART NO. | CI01**P1HK0 |
|     |       |          |                       |              |        |          |                                         |                                               | SCALE                                                                                                                                                           | 4 / 1    | SHEET    | 1 OF 1      |





Note:

1. Material:
  - ⑤ \* Insulation: High Temperature Plastic  
UL 94V-0 Color Nature
  - \* Contact: Brass
2. For Lead Free Wave flow Process

Ordering Code:

CI01 \*\* P 1 H K0 - LF  
① ② ③ ④ ⑤ ⑥ ⑦

① Series No.

② No. of Circuits:

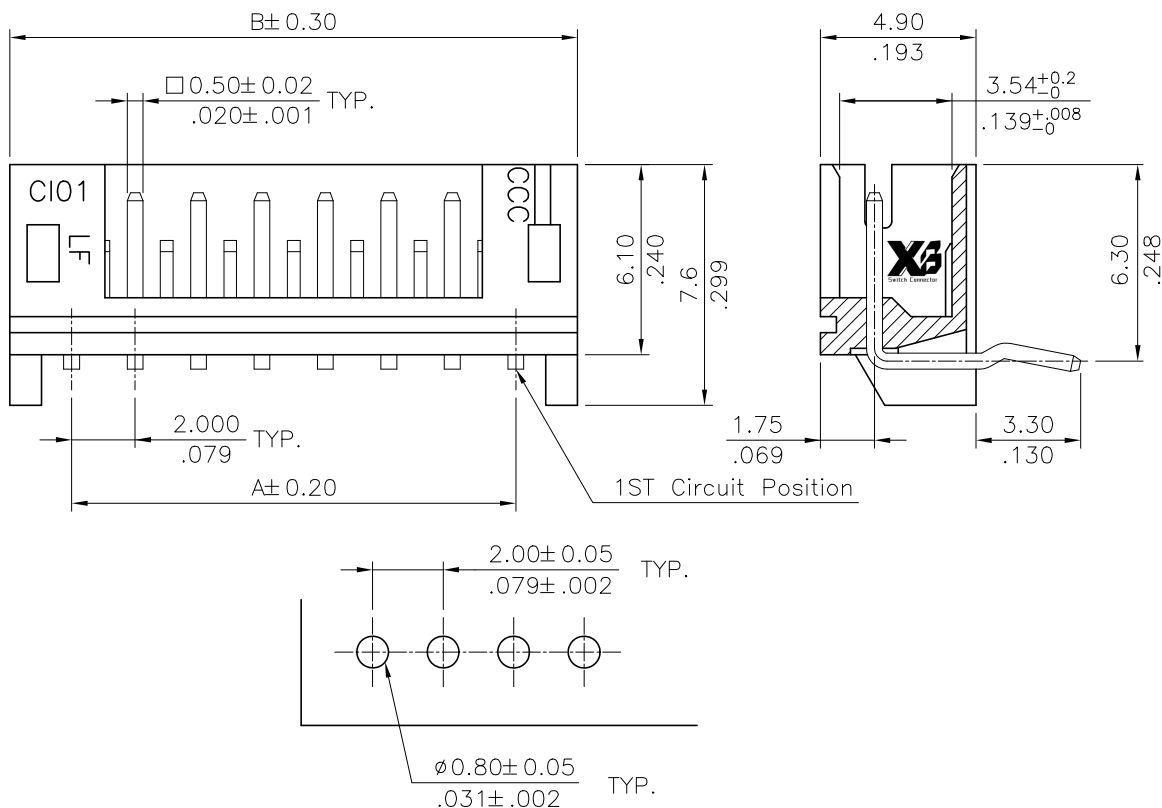
③ P= Pin header

④ Plating: 1= 3.05μm(120μ") Min. Tin over  
0.76μm(30μ") Nickel (Matte Tin Finish)  
2= Gold Flash plated over  
1.27μm(50μ") Nickel

⑤ Type: H= Right angle

⑥ Other option: K0= With Pin Kinked

⑦ -LF= For Lead Free Wave Flow Process



Recommended P.C. Board Layout

| Circuits | Dimension    |             |              |
|----------|--------------|-------------|--------------|
|          | A            | B           |              |
| 2        | 2.00(.079)   | 6.0(.236)   | 4.90(.193)   |
| 3        | 4.00(.157)   | 8.0(.315)   | 6.90(.272)   |
| 4        | 6.00(.236)   | 10.0(.394)  | 8.90(.350)   |
| 5        | 8.00(.315)   | 12.0(.472)  | 10.90(.429)  |
| 6        | 10.00(.394)  | 14.0(.551)  | 12.90(.508)  |
| 7        | 12.00(.472)  | 16.0(.630)  | 14.90(.587)  |
| 8        | 14.00(.551)  | 18.0(.709)  | 16.90(.665)  |
| 9        | 16.00(.630)  | 20.0(.787)  | 18.90(.774)  |
| 10       | 18.00(.709)  | 22.0(.866)  | 20.90(.823)  |
| 11       | 20.00(.787)  | 24.0(.945)  | 22.90(.902)  |
| 12       | 22.00(.866)  | 26.0(1.024) | 24.90(.980)  |
| 13       | 24.00(.945)  | 28.0(1.102) | 26.90(1.059) |
| 14       | 26.00(1.024) | 30.0(1.181) | 28.90(1.138) |
| 15       | 28.00(1.102) | 32.0(1.260) | 30.90(1.217) |
| 16       | 30.00(1.181) | 34.0(1.338) | 32.90(1.295) |

Lead Free Process

RoHS Compliant

|     |       |          |                       |              |        |                 |                                               |                                                                                                                                              |  |  |  |                                         |             |          |          |
|-----|-------|----------|-----------------------|--------------|--------|-----------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|-----------------------------------------|-------------|----------|----------|
| ⑤   | Enya  | 4/12-13' | ECN13075-0/ECR13027-0 |              | DATE   | UNIT: mm / inch | TITLE:<br>2.00MM(.079")<br>RIGHT ANGLE HEADER |  东莞市溪榜电子有限公司<br>DONG GUAN XI BANG ELECTRONICS CO., LTD. |  |  |  |                                         |             |          |          |
| ④   | Enya  | 3/7-13'  | ECN13056-0/ECR13007-1 | DRAWN BY:    | Enya   | 4/12-13'        |                                               |                                                                                                                                              |  |  |  | TOLERANCE<br>UNLESS OTHERWISE SPECIFIED |             |          |          |
| ③   | Una   | 4/13-11' | ECN11068              | ENGINEER:    | Eisley | 4/15-13'        | MATERIAL:                                     |                                                                                                                                              |  |  |  |                                         |             |          |          |
| ②   | Karen | 5/26-10' | ECN10126              | CHECKED BY:  | Eisley | 4/15-13'        |                                               | .X ± 0.30/.012                                                                                                                               |  |  |  | X' ± 1'                                 | DRAWING NO. | CIO166SE | PART NO. |
| SYM | NAME  | DATE     | REVISIONS             | APPROVED BY: | David  | 4/15-13'        | .XX ± 0.20/.008                               | .X' ±                                                                                                                                        |  |  |  | FINISH:                                 |             |          |          |
|     |       |          |                       |              |        |                 | .XXX ± 0.10/.004                              | .XX ±                                                                                                                                        |  |  |  |                                         |             |          |          |