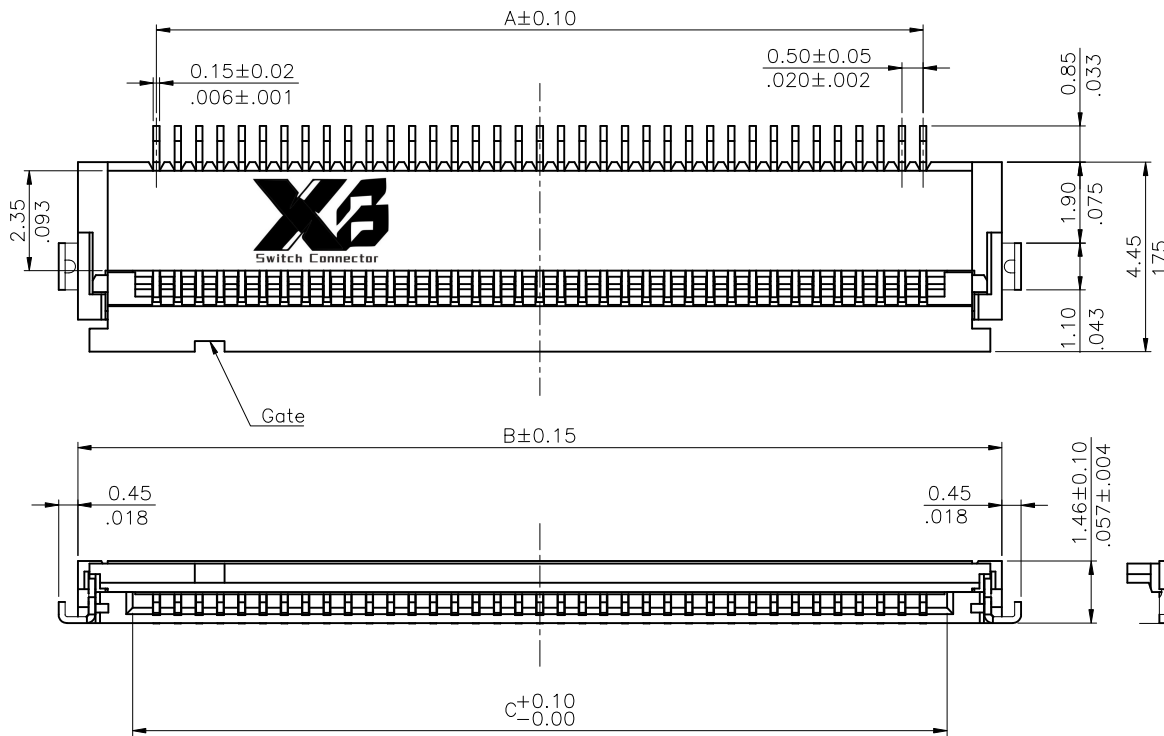


# Material :

- \* Body: High temperature plastic UL 94V-0, Color Nature
- \* Cover: High temperature plastic UL 94V-0, Color Black
- \* Contact: Phosphor Bronze
- \* Fixed tab: Brass with  $2.50\mu\text{m}(100\mu\text{'})$  Min. Matte Tin Plated over  $1.27\mu\text{m}(50\mu\text{'})$  Min. Nickel



## Ordering Code

CF50 \*\* \* D 0 \*\* -05 -NH  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Series No.

② No. of Circuits:

③ Plating code:

1 =  $2.50\mu\text{m}(100\mu\text{'})$  Min. Matte Tin Plating on Contact area and Solderails,  $1.27\mu\text{m}(50\mu\text{'})$  Nickel Underplating over all

④ 2 =  $0.02\mu\text{m}(0.8\mu\text{'})$  Min. Gold Flash Plating on Contact area and Solderails,  $1.27\mu\text{m}(50\mu\text{'})$  Nickel Underplating over all  
F =  $0.02\mu\text{m}(0.8\mu\text{'})$  Min. Gold Flash Plating on Contact area and Solderails,  $1.27\mu\text{m}(50\mu\text{'})$  Nickel Underplating over all

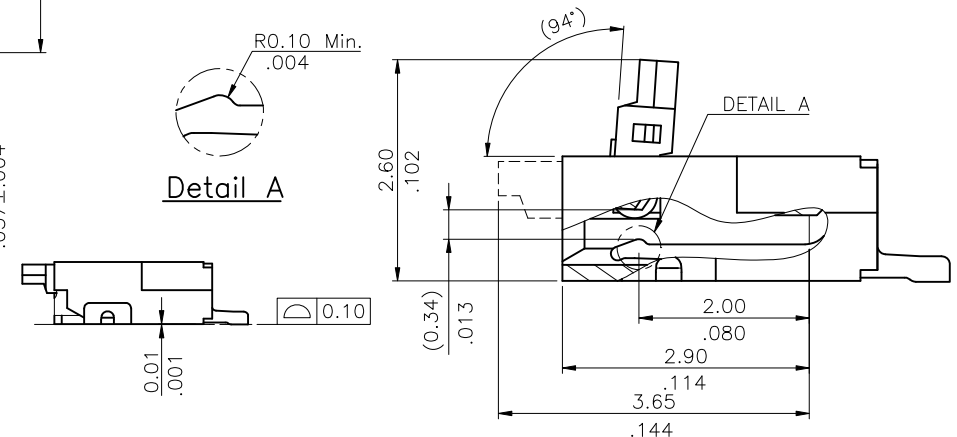
④ Contact style: D= Downside contact

⑤ 0= Color Nature

⑥ Packing: R0= Tape & Reel(3KPcs/Reel), Without Mylar  
R1= Tape & Reel(3KPcs/Reel), With Mylar

⑦ -05= 0.5 Pitch

⑧ -NH= For Lead Free IR Reflwo Processed and Halogen Free



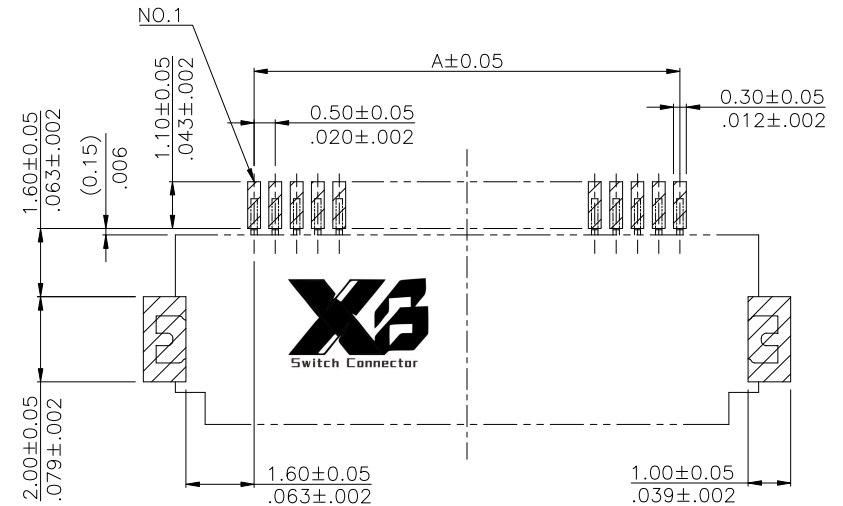
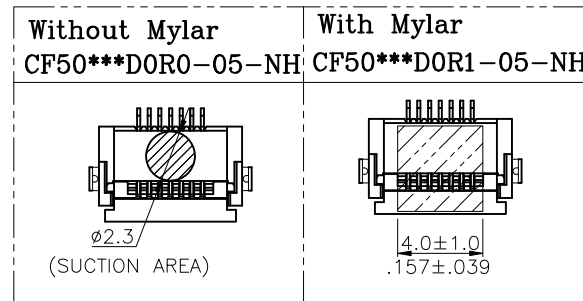
Cover open status  
(SCALE 2:1)

Halogen-Free

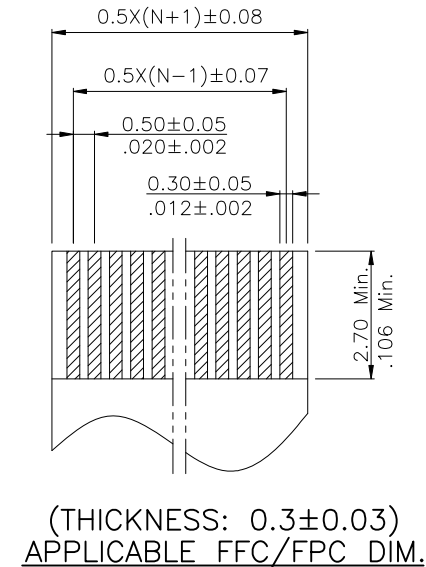
Lead Free Process

RoHS compliant

|     |        |          |                                  |              |        |                 |                                                      |                                                                                                                                                      |
|-----|--------|----------|----------------------------------|--------------|--------|-----------------|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| ④   | Sun    | 2/18-21' | ECNT121057                       |              | DATE   | UNIT: mm / inch | TITLE: 0.50mm(.020") ZIF FFC/FPC ONE-TOUCH CONNECTOR |  <b>东莞市溪榜电子有限公司</b><br>DONG GUAN XI BANG ELECTRONI CS CO., LTD. |
| ③   | Clarie | 10/6-14' | ECRT214034/ECNT214065            | DRAWN BY:    | Sun    | 2/18-21'        | TOLERANCE<br>UNLESS OTHERWISE SPECIFIED              |                                                                                                                                                      |
| ②   | Clarie | 8/12-14' | ECRT214027/ECNT214043            | ENGINEER:    | Sun    | 2/18-21'        | MATERIAL:                                            |                                                                                                                                                      |
| ①   | Clarie | 11/11-13 | ECRT213001/ECRT213004,ECNT213013 | CHECKED BY:  | Eisley | 2/19-21'        | FINISH:                                              |                                                                                                                                                      |
| SYM | NAME   | DATE     | REVISIONS                        | APPROVED BY: | Eisley | 2/19-21'        |                                                      |                                                                                                                                                      |
|     |        |          |                                  |              |        |                 |                                                      | DRAWING NO. <b>CF5002SC</b> PART NO. <b>CF50***D0R0-05-NH</b><br><b>CF50***D0R1-05-NH</b><br>SCALE 8 / 1    SHEET 1 OF 3                             |



Recommended PCB Layout



Halogen-Free

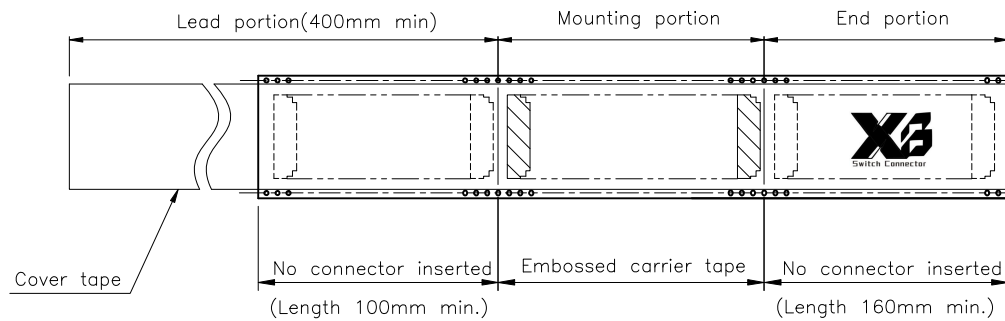
Lead Free Process

RoHS Compliant

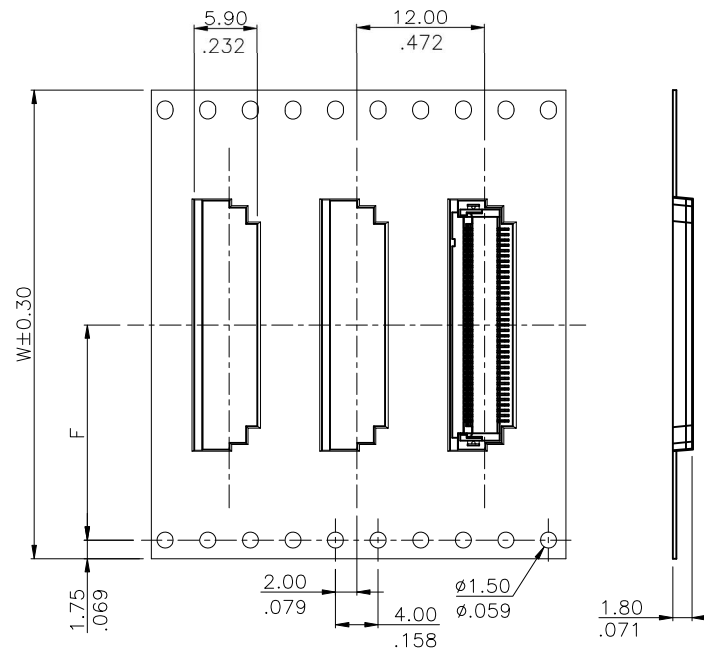
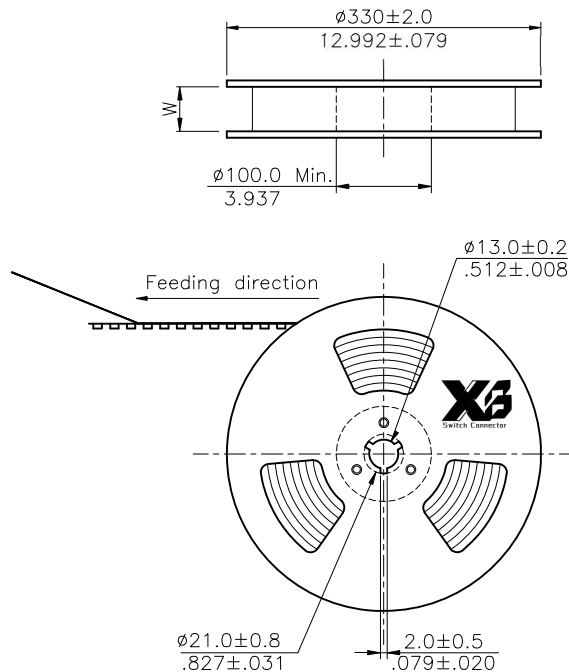
| Circuits<br>(N) | Dimension    |              |              |
|-----------------|--------------|--------------|--------------|
|                 | A            | B            | C            |
| 4               | 1.50 (.059)  | 5.20 (.205)  | 2.62 (.103)  |
| 5               | 2.00 (.079)  | 5.70 (.225)  | 3.12 (.123)  |
| 6               | 2.50 (.099)  | 6.20 (.244)  | 3.62 (.143)  |
| 7               | 3.00 (.118)  | 6.70 (.264)  | 4.12 (.162)  |
| 8               | 3.50 (.138)  | 7.20 (.284)  | 4.62 (.182)  |
| 9               | 4.00 (.158)  | 7.70 (.303)  | 5.12 (.202)  |
| 10              | 4.50 (.177)  | 8.20 (.323)  | 5.62 (.221)  |
| 11              | 5.00 (.197)  | 8.70 (.343)  | 6.12 (.241)  |
| 12              | 5.50 (.217)  | 9.20 (.362)  | 6.62 (.261)  |
| 13              | 6.00 (.236)  | 9.70 (.382)  | 7.12 (.281)  |
| 14              | 6.50 (.256)  | 10.20 (.402) | 7.62 (.300)  |
| 15              | 7.00 (.276)  | 10.70 (.422) | 8.12 (.320)  |
| 16              | 7.50 (.296)  | 11.20 (.441) | 8.62 (.340)  |
| 17              | 8.00 (.315)  | 11.70 (.461) | 9.12 (.359)  |
| 18              | 8.50 (.335)  | 12.20 (.481) | 9.62 (.379)  |
| 19              | 9.00 (.355)  | 12.70 (.500) | 10.12 (.399) |
| 20              | 9.50 (.374)  | 13.20 (.520) | 10.62 (.418) |
| 21              | 10.00 (.394) | 13.70 (.540) | 11.12 (.438) |
| 22              | 10.50 (.414) | 14.20 (.559) | 11.62 (.458) |
| 23              | 11.00 (.433) | 14.70 (.579) | 12.12 (.478) |
| 24              | 11.50 (.453) | 15.20 (.599) | 12.62 (.497) |
| 25              | 12.00 (.473) | 15.70 (.619) | 13.12 (.517) |
| 26              | 12.50 (.493) | 16.20 (.638) | 13.62 (.537) |
| 27              | 13.00 (.512) | 16.70 (.658) | 14.12 (.556) |
| 28              | 13.50 (.532) | 17.20 (.678) | 14.62 (.576) |
| 29              | 14.00 (.552) | 17.70 (.697) | 15.12 (.596) |
| 30              | 14.50 (.571) | 18.20 (.717) | 15.62 (.615) |
| 31              | 15.00 (.591) | 18.70 (.737) | 16.12 (.635) |
| 32              | 15.50 (.611) | 19.20 (.756) | 16.62 (.655) |

| Circuits<br>(N) | Dimension     |               |               |
|-----------------|---------------|---------------|---------------|
|                 | A             | B             | C             |
| 33              | 16.00 (.630)  | 19.70 (.776)  | 17.12 (.675)  |
| 34              | 16.50 (.650)  | 20.20 (.796)  | 17.62 (.694)  |
| 35              | 17.00 (.670)  | 20.70 (.816)  | 18.12 (.714)  |
| 36              | 17.50 (.690)  | 21.20 (.835)  | 18.62 (.734)  |
| 37              | 18.00 (.709)  | 21.70 (.855)  | 19.12 (.753)  |
| 38              | 18.50 (.729)  | 22.20 (.875)  | 19.62 (.773)  |
| 39              | 19.00 (.749)  | 22.70 (.894)  | 20.12 (.793)  |
| 40              | 19.50 (.768)  | 23.20 (.914)  | 20.62 (.812)  |
| 41              | 20.00 (.788)  | 23.70 (.934)  | 21.12 (.832)  |
| 42              | 20.50 (.808)  | 24.20 (.953)  | 21.62 (.852)  |
| 43              | 21.00 (.827)  | 24.70 (.973)  | 22.12 (.872)  |
| 44              | 21.50 (.847)  | 25.20 (.993)  | 22.62 (.891)  |
| 45              | 22.00 (.867)  | 25.70 (.1013) | 23.12 (.911)  |
| 46              | 22.50 (.887)  | 26.20 (.1032) | 23.62 (.931)  |
| 47              | 23.00 (.906)  | 26.70 (.1052) | 24.12 (.950)  |
| 48              | 23.50 (.926)  | 27.20 (.1072) | 24.62 (.970)  |
| 49              | 24.00 (.946)  | 27.70 (.1091) | 25.12 (.990)  |
| 50              | 24.50 (.965)  | 28.20 (.1111) | 25.62 (.1009) |
| 51              | 25.00 (.985)  | 28.70 (.1131) | 26.12 (.1029) |
| 52              | 25.50 (.1005) | 29.20 (.1150) | 26.62 (.1049) |
| 53              | 26.00 (.1024) | 29.70 (.1170) | 27.12 (.1069) |
| 54              | 26.50 (.1044) | 30.20 (.1190) | 27.62 (.1088) |
| 55              | 27.00 (.1064) | 30.70 (.1210) | 28.12 (.1108) |
| 56              | 27.50 (.1084) | 31.20 (.1229) | 28.62 (.1128) |
| 57              | 28.00 (.1103) | 31.70 (.1249) | 29.12 (.1147) |
| 58              | 28.50 (.1123) | 32.20 (.1269) | 29.62 (.1167) |
| 59              | 29.00 (.1143) | 32.70 (.1288) | 30.12 (.1187) |
| 60              | 29.50 (.1162) | 33.20 (.1308) | 30.62 (.1206) |
| 61              | 30.00 (.1182) | 33.70 (.1328) | 31.12 (.1226) |

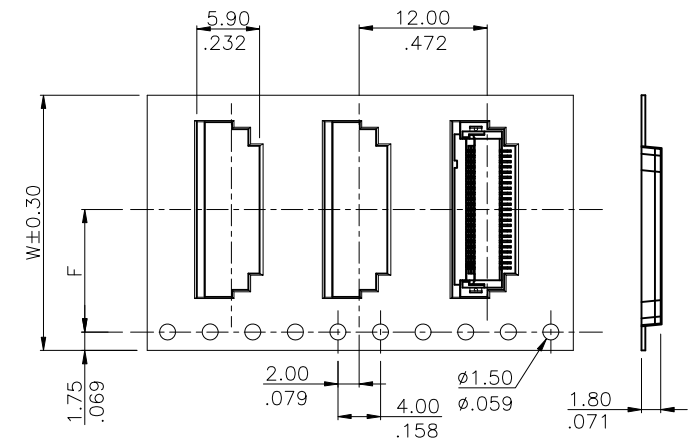
|              |        |          |                                  |              |        |                 |                                                         |                                                                                                                                |
|--------------|--------|----------|----------------------------------|--------------|--------|-----------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <div>4</div> | Sun    | 2/18-21' | ECNT121057                       |              | DATE   | UNIT: mm / inch | TITLE: 0.50mm(.020") ZIF FFC/FPC<br>ONE-TOUCH CONNECTOR | <div><div>X3</div><div>Switch Connector</div></div> <div>东莞市溪榜电子有限公司</div> <div>DONG GUAN XI BANG ELECTRONI CS CO., LTD.</div> |
| <div>3</div> | Clarie | 10/6-14' | ECRT214034/ECNT214065            | DRAWN BY:    | Sun    | 2/18-21'        |                                                         |                                                                                                                                |
| <div>2</div> | Clarie | 8/12-14' | ECRT214027/ECNT214043            | ENGINEER:    | Sun    | 2/18-21'        | MATERIAL:                                               |                                                                                                                                |
| <div>1</div> | Clarie | 11/11-13 | ECRT213001/ECRT213004,ECNT213013 | CHECKED BY:  | Eisley | 2/19-21'        |                                                         |                                                                                                                                |
| SYM          | NAME   | DATE     | REVISIONS                        | APPROVED BY: | Eisley | 2/19-21'        |                                                         |                                                                                                                                |
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←  
TAPE RUNNING DIRECTION



| Circuits | Dimension   |              | Packing<br>(Reel/Carton) |
|----------|-------------|--------------|--------------------------|
|          | W           | F            |                          |
| 4-7      | 16.0(.630)  | 7.50(.295)   | 11                       |
| 8-24     | 24.0(.945)  | 11.50(.453)  | 9                        |
| 25-32    | 32.0(1.260) | 14.20(.559)  | 7                        |
| 33-56    | 44.0(1.732) | 20.20(.795)  | 5                        |
| 57-63    | 56.0(2.205) | 26.20(1.031) | 4                        |



WIDTH : 16,24 mm Carrier

WIDTH : 32,44,56 mm Carrier

RoHS Compliant

#### Notes:

1. 10 sprocket hole pitch cumulative tolerance  $\pm 0.2$
2. Material: Polystyrene.
4. All dimensions meet EIA-481-B requirements.
3. Quantity: 3000 Pcs/Reel

|              |        |          |                                  |                     |          |                                         |                                                         |           |         |                                                                                                                                         |                      |                                                 |             |              |
|--------------|--------|----------|----------------------------------|---------------------|----------|-----------------------------------------|---------------------------------------------------------|-----------|---------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------|-------------|--------------|
| <div>4</div> | Sun    | 2/18-21' | ECNT121057                       |                     | DATE     | UNIT: mm / inch                         | TITLE: 0.50mm(.020") ZIF FFC/FPC<br>ONE-TOUCH CONNECTOR | MATERIAL: | FINISH: | <div><div><div>X3</div><div>Switch Connector</div></div><div>东莞市溪榜电子有限公司</div><div>DONG GUAN XI BANG ELECTRONI CS CO., LTD.</div></div> | DRAWING NO. CF5002SC | PART NO. CF50***D0R0-05-NH<br>CF50***D0R1-05-NH | SCALE 8 / 1 | SHEET 3 OF 3 |
| <div>3</div> | Clarie | 10/6-14' | ECRT214034/ECNT214065            | DRAWN BY: Sun       | 2/18-21' | TOLERANCE<br>UNLESS OTHERWISE SPECIFIED |                                                         |           |         |                                                                                                                                         |                      |                                                 |             |              |
| <div>2</div> | Clarie | 8/12-14' | ECRT214027/ECNT214043            | ENGINEER: Sun       | 2/18-21' | .X ± 0.20/.008 X' ± 1'                  |                                                         |           |         |                                                                                                                                         |                      |                                                 |             |              |
| <div>1</div> | Clarie | 1/11-13' | ECRT213001/ECRT213004,ECNT213013 | CHECKED BY: Eisley  | 2/19-21' | .XX ± 0.15/.006 X' ±                    |                                                         |           |         |                                                                                                                                         |                      |                                                 |             |              |
| SYM          | NAME   | DATE     | REVISIONS                        | APPROVED BY: Eisley | 2/19-21' | .XXX ± XX' ±                            |                                                         |           |         |                                                                                                                                         |                      |                                                 |             |              |



东莞市溪榜电子有限公司  
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