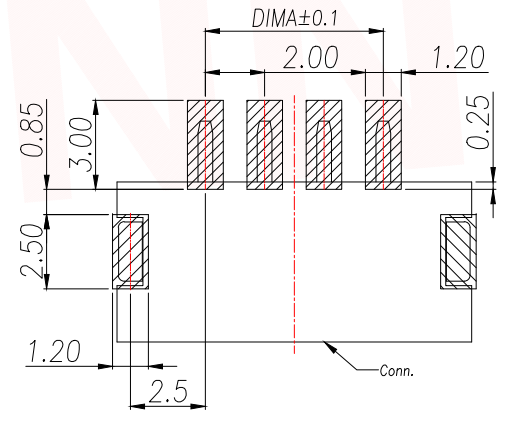
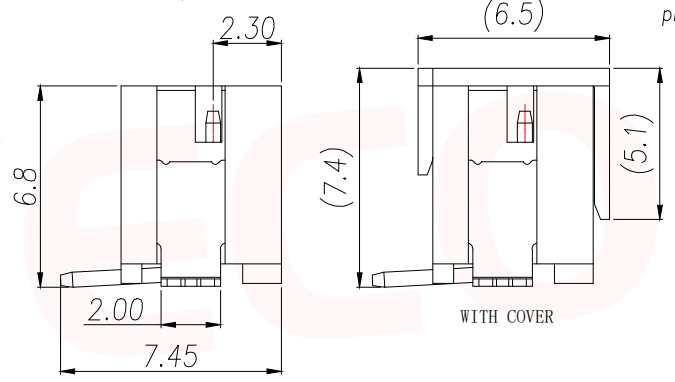
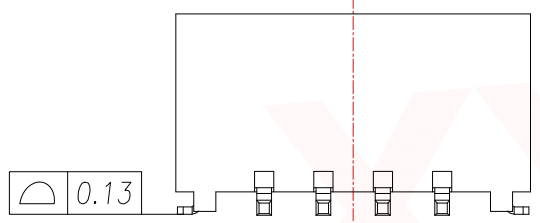
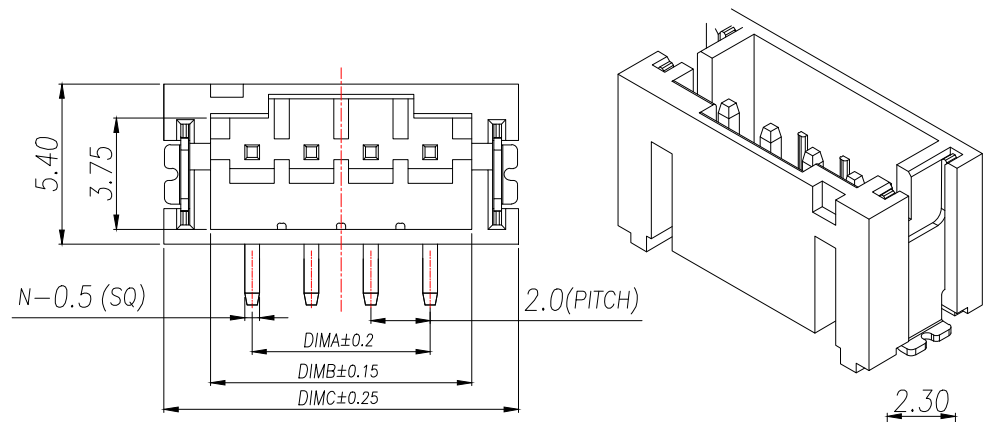


|      |      |          |      |      |
|------|------|----------|------|------|
| REV. | Q'TY | ECN. NO. | APR. | DATE |
|      |      |          |      |      |

PRELIMINARY  
DESIGN IS SUBJECT  
TO CHANGE WITHOUT  
PRIOR NOTICE

NOTES:

1. Working temp: -25°C~85°C.
2. Voltage rating: 100V AV/DC(rms)
3. Contact resistance: 20mΩ max.
4. Insulation resistance: 1000MΩ min.
5. Current rating: 2A AV/DC
6. Withstanding Voltage: 800V AC/minute
7. Pin Retention Force: 15N min.
8. Housing material: LCP UL94-V0, Natural
9. Terminal materl: Brass,  
plating Ni 50u" min , plating Tin 100u"min.
10. Solder tab material: Brass,  
plating Ni 50u" min , plating Tin 100u"min.



RECOMMENDED PCB LAYOUT TOP VIEW (TOLERANCE:±0.05)

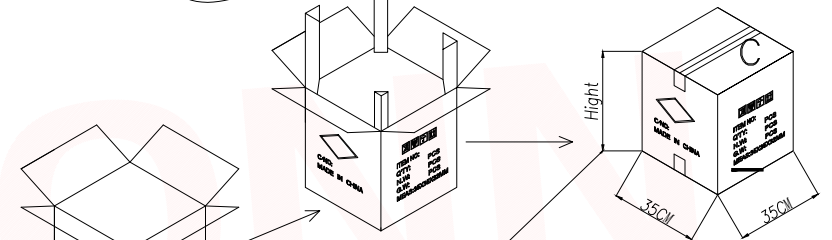
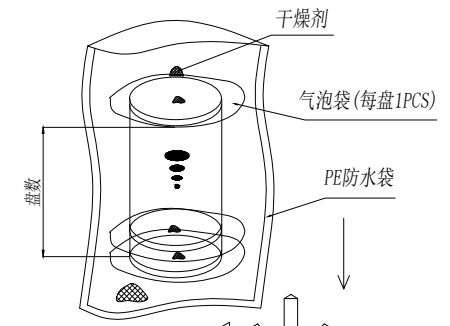
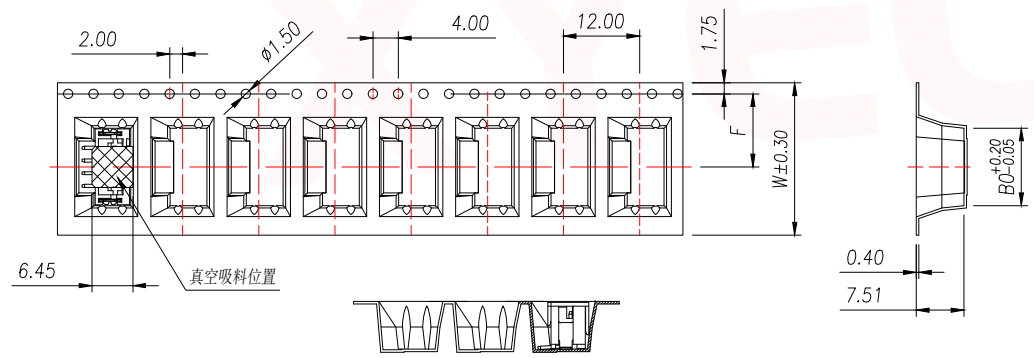
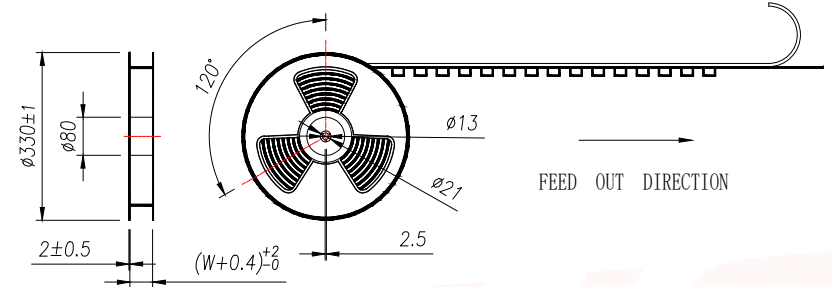
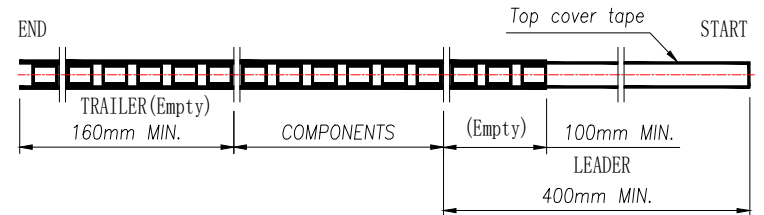
SMT SOLDER AREA

| PIN | NO.            | Dim A | Dim B | Dim C |
|-----|----------------|-------|-------|-------|
| 2   | XY-PH2.0-2A51  | 2.00  | 4.80  | 7.95  |
| 3   | XY-PH2.0-3A51  | 4.00  | 6.80  | 9.95  |
| 4   | XY-PH2.0-4A51  | 6.00  | 8.80  | 11.95 |
| 5   | XY-PH2.0-5A51  | 8.00  | 10.80 | 13.95 |
| 6   | XY-PH2.0-6A51  | 10.00 | 12.80 | 15.95 |
| 7   | XY-PH2.0-7A51  | 12.00 | 14.80 | 17.95 |
| 8   | XY-PH2.0-8A51  | 14.00 | 16.80 | 19.95 |
| 9   | XY-PH2.0-9A51  | 16.00 | 18.80 | 21.95 |
| 10  | XY-PH2.0-10A51 | 18.00 | 20.80 | 23.95 |
| 11  | XY-PH2.0-11A51 | 20.00 | 22.80 | 25.95 |
| 12  | XY-PH2.0-12A51 | 22.00 | 24.80 | 27.95 |
| 13  | XY-PH2.0-13A51 | 24.00 | 26.80 | 29.95 |
| 14  | XY-PH2.0-14A51 | 26.00 | 28.80 | 31.95 |
| 15  | XY-PH2.0-15A51 | 28.00 | 30.80 | 33.95 |
| 16  | XY-PH2.0-16A51 | 30.00 | 32.80 | 35.95 |

|                                      |           |  |                                    |  |
|--------------------------------------|-----------|--|------------------------------------|--|
| DIMENSION IN mm                      |           | 厦门市辛译精密电子有限公司<br>Xiamen XinYi Xyconn Electronics Co.,Ltd |                                    |  |
| TOLERANCE UNLESS OTHERWISE SPECIFIED |           |  |                                    |  |
| .X±0.35                              | .X*± 5°   | APR. Alex  | TITLE: WAFER 2.00mm H6.8mm 180°SMT |  |
| .XX±0.25                             | .X*± 3°   | CHK. Jack  | DWG NO. XY-PH2.0-NA51              |  |
| .XXX±0.15                            | .XX*± 1°  | DRA. Can   | CUSTOMER DRAWING                   |  |
| SIZE A4                              | SCALE 1:1 | SHEET 1/3  | REV. A                             |  |

|      |      |          |      |      |
|------|------|----------|------|------|
| REV. | Q'TY | ECN. NO. | APR. | DATE |
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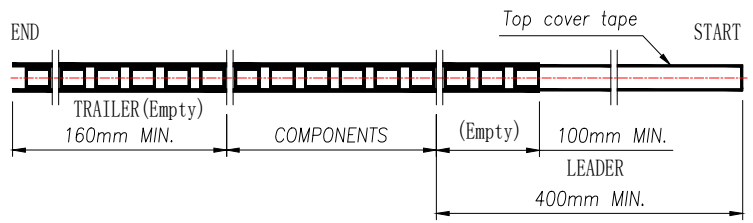
| Carton Type | Small Siz | Medium | Standard |
|-------------|-----------|--------|----------|
| Height(CM)  | 7.5       | 15     | 32       |

- NOTE:
- 1.10 SPROCKET HOLE PITCH CUMULATIVE TOLERANCE  $\pm 0.2\text{mm}$ .
  - 2.CARRIER CAMBER NOT TO EXCEED 1mm IN 100mm.
  - 3.ALL DIMENSIONS MEET EIA-481 REQUIREMENTS.
  - 4.MATERIAL: CLEAR ANTISTATIC PS, COLD SEALING.
  - 5.THICKNESS:  $0.40 \pm 0.05\text{mm}$ .
  - 6.PACKING LENGTH PER REEL: 8.8 METERS.
  - 7.COMPONENT LOAD PER REEL: 700 PCS.

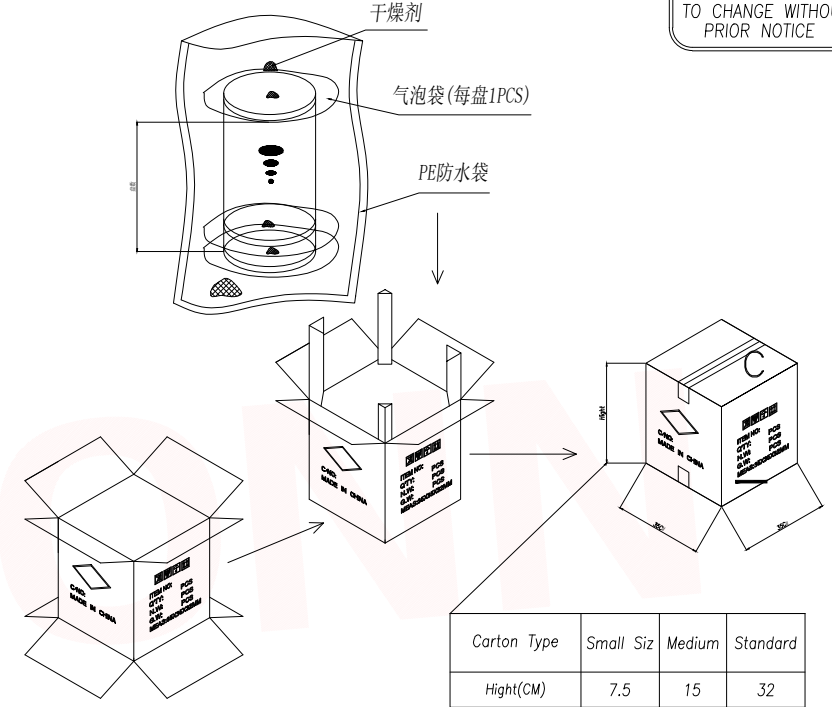
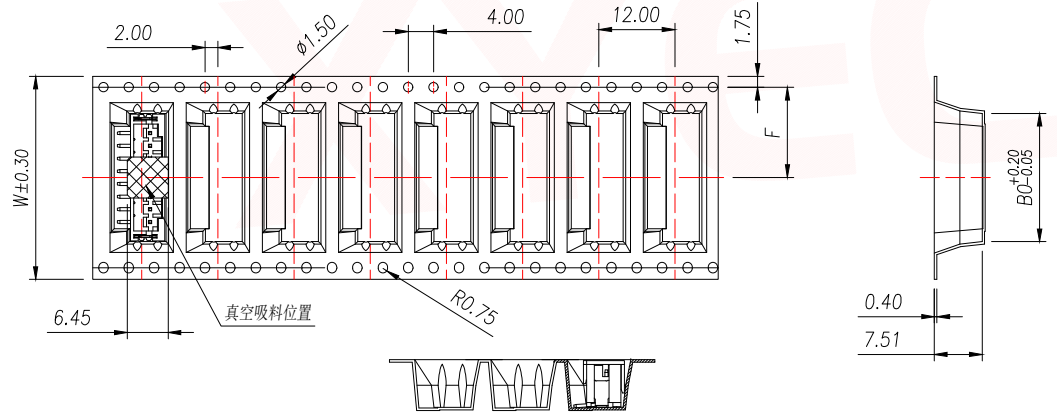
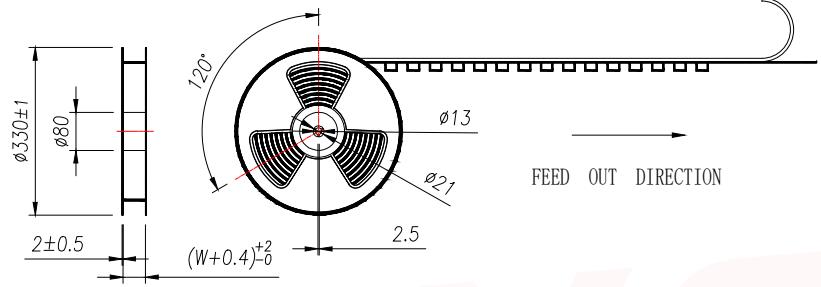
| PIN | NO.           | Dim B0 | Dim W | Dim F | PCS/RELL | RELL/CARTON | PCS/CARTON |
|-----|---------------|--------|-------|-------|----------|-------------|------------|
| 2   | XY-PH2.0-2A51 | 8.20   | 16    | 7.5   | 700      | 14          | 9800       |
| 3   | XY-PH2.0-3A51 | 10.20  | 24    | 11.50 |          | 10          | 7000       |
| 4   | XY-PH2.0-4A51 | 12.20  |       |       |          |             |            |
| 5   | XY-PH2.0-5A51 | 14.20  |       |       |          |             |            |

|                                      |               |  |                                    |           |        |
|--------------------------------------|---------------|--|------------------------------------|-----------|--------|
| DIMENSION IN mm                      |               | 厦门市辛译精密电子有限公司<br>Xiamen XinYi Xyconn Electronics Co.,Ltd |                                    |           |        |
| TOLERANCE UNLESS OTHERWISE SPECIFIED |               | APR. Alex  | TITLE: WAFER 2.00mm H6.8mm 180°SMT |           |        |
| .X $\pm$ 0.35                        | X.* $\pm$ 5*  | CHK. Jack  | DWG NO. XY-PH2.0-NA51              |           |        |
| .XX $\pm$ 0.25                       | .X* $\pm$ 3*  | DRA. Can   | PROJ.  CUSTOMER DRAWING            |           |        |
| .XXX $\pm$ 0.15                      | .XX* $\pm$ 1* | SIZE A4  | SCALE 1:1                          | SHEET 2/3 | REV. A |

|      |      |          |      |      |
|------|------|----------|------|------|
| REV. | Q'TY | ECN. NO. | APR. | DATE |
|      |      |          |      |      |



PRELIMINARY DESIGN IS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE



| Carton Type | Small Siz | Medium | Standard |
|-------------|-----------|--------|----------|
| Hight(CM)   | 7.5       | 15     | 32       |

- NOTE:
- 1.10 SPROCKET HOLE PITCH CUMULATIVE TOLERANCE  $\pm 0.2\text{mm}$ .
  - 2.CARRIER CAMBER NOT TO EXCEED 1mm IN 100mm.
  - 3.ALL DIMENSIONS MEET EIA-481 REQUIREMENTS.
  - 4.MATERIAL: CLEAR ANTISTATIC PS, COLD SEALING.
  - 5.THICKNESS:  $0.40 \pm 0.05\text{mm}$ .
  - 6.PACKING LENGHT PER REEL: 8.8 METERS.
  - 7.COMPONENT LOAD PER REEL: 700 PCS.

| PIN | NO.            | Dim BO | Dim W | Dim F | PCS/RELL | RELL/CARTON | PCS/CARTON |
|-----|----------------|--------|-------|-------|----------|-------------|------------|
| 6   | XY-PH2.0-6A51  | 16.20  | 32    | 14.2  | 700      | 8           | 5600       |
| 7   | XY-PH2.0-7A51  | 18.20  |       |       |          |             |            |
| 8   | XY-PH2.0-8A51  | 20.20  |       |       |          |             |            |
| 9   | XY-PH2.0-9A51  | 22.20  |       |       |          |             |            |
| 10  | XY-PH2.0-10A51 | 24.20  |       |       |          |             |            |
| 11  | XY-PH2.0-11A51 | 26.20  |       |       |          |             |            |
| 12  | XY-PH2.0-12A51 | 28.20  | 44    | 20.2  | 6        | 4200        |            |
| 13  | XY-PH2.0-13A51 | 30.20  |       |       |          |             |            |
| 14  | XY-PH2.0-14A51 | 32.20  |       |       |          |             |            |
| 15  | XY-PH2.0-15A51 | 34.20  |       |       |          |             |            |
| 16  | XY-PH2.0-16A51 | 36.20  |       |       |          |             |            |
|     |                |        | 56    | 26.2  |          |             | 5          |

|                                      |               |  |           |                                    |        |
|--------------------------------------|---------------|--|-----------|------------------------------------|--------|
| DIMENSION IN mm                      |               | 厦门市辛译精密电子有限公司<br>Xiamen XinYi Xyconn Electronics Co.,Ltd |           |                                    |        |
| TOLERANCE UNLESS OTHERWISE SPECIFIED |               |  |           |                                    |        |
| .X $\pm$ 0.35                        | X.* $\pm$ 5*  | APR.   | Alex      | TITLE: WAFER 2.00mm H6.8mm 180°SMT |        |
| .XX $\pm$ 0.25                       | .X* $\pm$ 3*  | CHK.   | Jack      | DWG NO. XY-PH2.0-NA51              |        |
| .XXX $\pm$ 0.15                      | .XX* $\pm$ 1* | DRA.   | Can       | PROJ.  CUSTOMER DRAWING            |        |
|                                      |               | SIZE A4  | SCALE 1:1 | SHEET 3/3                          | REV. A |

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