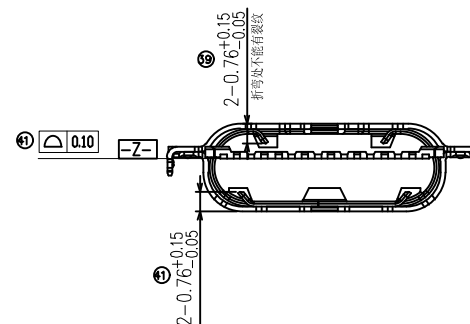
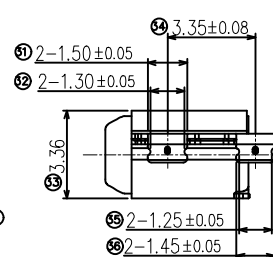
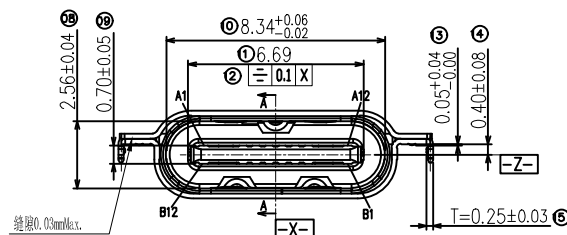
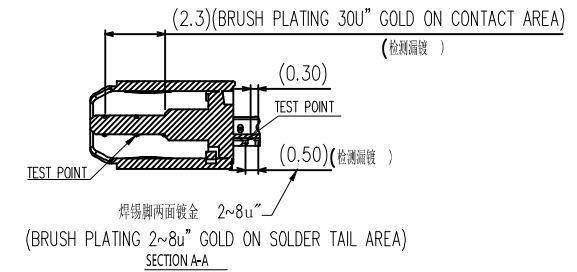
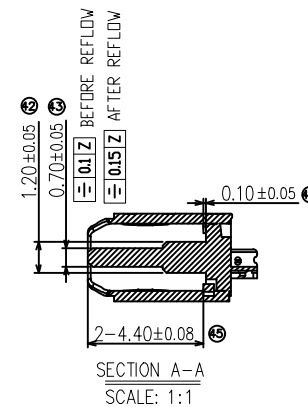
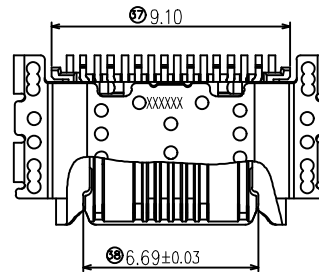
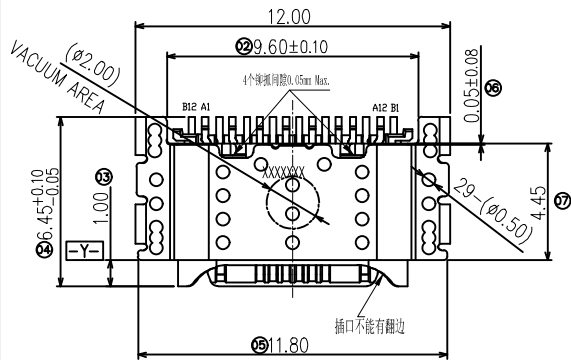


RoHS

| REV. | EC# | DESCRIPTION | DATE     | DRAWING | CHECKED | APPROVED |
|------|-----|-------------|----------|---------|---------|----------|
| A0   |     | NEW RELEASE | 07/12'21 | FR      | /       | MOON     |
|      |     |             |          |         |         |          |



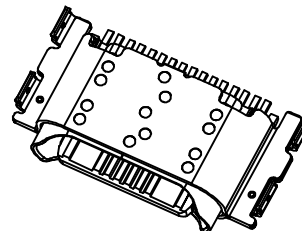
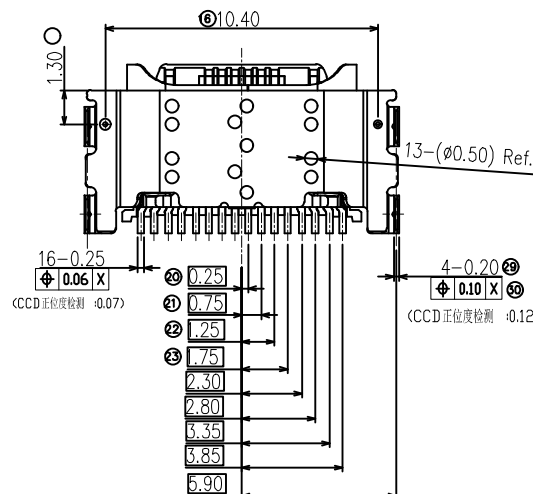
#### NOTES:

##### 1. ELECTRICAL CHARACTERISTICS:

- 1.1 CURRENT RATING: VBUS AND GND CONTACTS RATED AT 2.5A MAX., PARALLELED FOR A TOTAL OF 7.5A MAX.
- 1.2 TEMPERATURE RANGE: -40 °C ~ 85 °C
- 1.3 CONTACT RESISTANCE: 30 MILLIONHM MAX.
- 1.4 DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC r.m.s
- 1.5 INSULATION RESISTANCE: 100 MEGOHMS MIN.

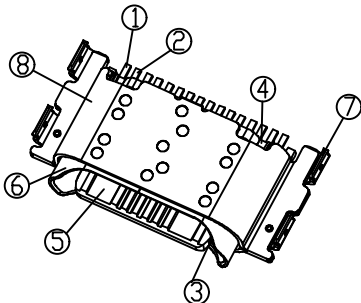
##### 2. MECHANICAL CHARACTERISTICS

- 2.1 INSERTION FORCE: 5~20N
- 2.2 EXTRACTION FORCE: INITIAL: 8~20N; DURABILITY: 8~20N(1000CYCLES), 6~20N(10000CYCLES);
- 2.3 DURABILITY: 10,000CYCLES.
- 2.4 PLUG 垂直顶胶 (避开铁壳止挡位), 顶出力4kgf Min., 垂直顶插口止挡位, 顶出力20kgf Min.
- 2.5 上下壳焊接后剥离强度50kgf Min.



| MILLIMETERS | INCH          | UNITS     | 东莞市溪榜电子有限公司                             |                           |       |      |
|-------------|---------------|-----------|-----------------------------------------|---------------------------|-------|------|
|             |               | MM        | DONG GUAN XI BANG ELECTRONICS CO., LTD. |                           |       |      |
| X° ± 2°     | X° ± 2°       | MAT'L     |                                         |                           |       |      |
| .X ± 0.38   | .XX ± 0.015   | SEE NOTES |                                         |                           |       |      |
| .XX ± 0.25  | .XXX ± 0.010  | FINISH    |                                         |                           |       |      |
| .XXX ± 0.15 | .XXXX ± 0.006 | SEE NOTES |                                         |                           |       |      |
|             |               | QTY       |                                         |                           |       |      |
|             |               | SEE NOTES |                                         |                           |       |      |
|             |               |           | PART NUMBER:                            | TITLE:                    |       |      |
|             |               |           | XB-104376662                            | TYPE C 单排16PIN L=6.45 带凹口 |       |      |
|             |               |           | APPD:                                   | DWG NO.:                  |       |      |
|             |               |           |                                         | C-104376662-00            |       |      |
|             |               |           | CHKD:                                   |                           |       |      |
|             |               |           | DR:                                     |                           |       |      |
|             |               |           |                                         | SCALE                     | SHEET | REV. |
|             |               |           |                                         | 1:1                       | 1/3   | A0   |

RoHS

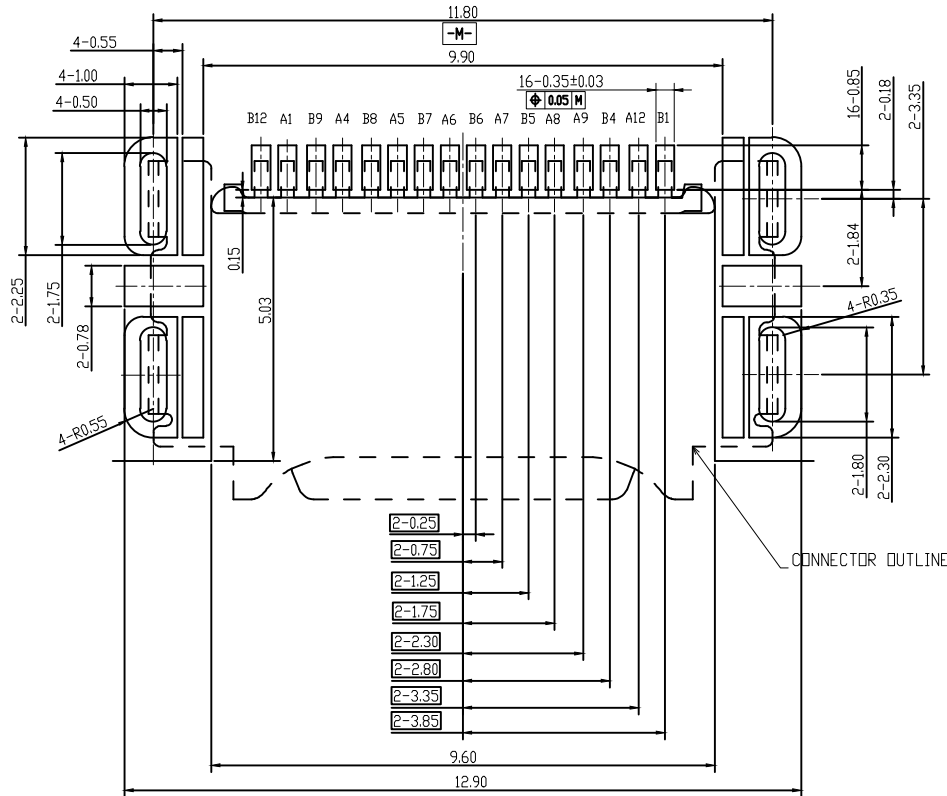


|      |                 |      |          |                                                                                                                                             |
|------|-----------------|------|----------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 8    | BOTTOM SHELL    | 1    | SUS301   | 1. Ni 50u * Min OVERALL;<br>2. SOLDER AREA: 1~3u* Au PALTING                                                                                |
| 7    | TOP SHELL       | 1    | SUS301   |                                                                                                                                             |
| 6    | MAIN MOLDING    | 1    | SUS301   |                                                                                                                                             |
| 5    | SECOND MOLDING  | 1    | PA46     | BLACK UL94 V-0                                                                                                                              |
| 4    | FIRST MOLDING   | 1    | PA46     | BLACK UL94 V-0                                                                                                                              |
| 3    | SHIELDING PLATE | 1    | SUS301   | NO PLATING                                                                                                                                  |
| 2    | BOTTOM CONTACT  | 1    | C18400   | 1. Ni 50u * Min OVERALL;<br>2. CONTACT AREA: Au 30u * Min. ON CONTACT SURFACE;<br>3. SOLDER AREA: Au 2u* Min.WITH SPOT PLATING(DOUBLE FACE) |
| 1    | TOP CONTACT     | 1    | C18400   |                                                                                                                                             |
| ITEM | PART NAME       | Q'TY | MATERIAL | FINISH                                                                                                                                      |

## PIN ASSIGNMENTS

| MID PLATE | GND  | GROUNG RETURN, CONTATC A1                               | MID PLATE | GND  | GROUNG RETURN, CONTATC A12&B1                           |
|-----------|------|---------------------------------------------------------|-----------|------|---------------------------------------------------------|
| A12       | GND  | GROUNG RETURN                                           | B1        | GND  | GROUNG RETURN                                           |
| A9        | VBUS | BUS POWER                                               | B4        | VBUS | BUS POWER                                               |
| A8        | SBU1 | SIDEBAND USE(SBU)                                       | B5        | CC2  | CONFIGURATION CHANNEL                                   |
| A7        | DN1  | POSITIVE HAL F OF USB2.0<br>DIFFERENTIAL PAIR-POSITION1 | B6        | DP2  | POSITIVE HAL F OF USB2.0<br>DIFFERENTIAL PAIR-POSITION1 |
| A6        | DP1  | POSITIVE HAL F OF USB2.0<br>DIFFERENTIAL PAIR-POSITION1 | B7        | DN2  | POSITIVE HAL F OF USB2.0<br>DIFFERENTIAL PAIR-POSITION1 |
| A5        | CC1  | CONFIGURATION CHANNEL                                   | B8        | SBU2 | SIDEBAND USE(SBU)                                       |
| A4        | VBUS | BUS POWER                                               | B9        | VBUS | BUS POWER                                               |
| A1        | GND  | GROUNG RETURN                                           | B12       | SBU  | SIGNAL PIN, NOT CONTACT GND                             |
| PIN No.   | NAME | DESCRIPTION                                             | PIN No.   | NAME | DESCRIPTION                                             |

| REV. | EC# | DESCRIPTION | DATE     | DRAWING | CHECKED | APPROVED |
|------|-----|-------------|----------|---------|---------|----------|
| A0   |     | NEW RELEASE | 07/12'21 | FR      | /       | MOON     |
|      |     |             |          |         |         |          |



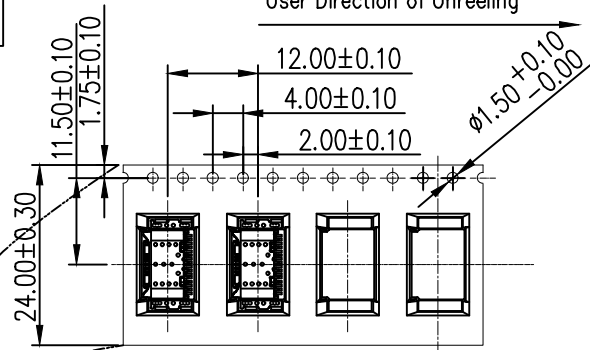
RECOMMENDED P.C.B. LAYOUT (THICKNESS: 0.80MM)

TOLERANCE UNSPECIFIED  $\pm 0.05\text{mm}$  SCALE: 2:1

|             |               |             |                                                                                                                                                          |  |                                                                                                                                                                                                                |  |  |       |       |      |     |     |    |
|-------------|---------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-------|-------|------|-----|-----|----|
| MILLIMETERS | INCH          | UNITS<br>MM | <div> 东莞市溪榜电子有限公司<br/>DONG GUAN XI BANG ELECTRONICS CO., LTD.</div> |  |                                                                                                                                                                                                                |  |  |       |       |      |     |     |    |
| X° ± 2'     | X° ± 2'       | MAT'L       |                                                                                                                                                          |  |                                                                                                                                                                                                                |  |  |       |       |      |     |     |    |
| .X ± 0.38   | .XX ± 0.015   | SEE NOTES   | PART NUMBER:<br>XB-104376662                                                                                                                             |  | TITLE:<br>TYPE C 单排16PIN L=6.45 带凹口                                                                                                                                                                            |  |  |       |       |      |     |     |    |
| .XX ± 0.25  | .XXX ± 0.010  | FINISH      | APPD:                                                                                                                                                    |  | DWG NO.:<br>C-104376662-00                                                                                                                                                                                     |  |  |       |       |      |     |     |    |
| .XXX± 0.15  | .XXXX ± 0.006 | SEE NOTES   | CHKD:                                                                                                                                                    |  | <div></div> <table><tr><td>SCALE</td><td>SHEET</td><td>REV.</td></tr><tr><td>1:1</td><td>2/3</td><td>A0</td></tr></table> |  |  | SCALE | SHEET | REV. | 1:1 | 2/3 | A0 |
| SCALE       | SHEET         | REV.        |                                                                                                                                                          |  |                                                                                                                                                                                                                |  |  |       |       |      |     |     |    |
| 1:1         | 2/3           | A0          |                                                                                                                                                          |  |                                                                                                                                                                                                                |  |  |       |       |      |     |     |    |
|             |               | QTY         | DR:                                                                                                                                                      |  |                                                                                                                                                                                                                |  |  |       |       |      |     |     |    |
|             |               | SEE NOTES   |                                                                                                                                                          |  |                                                                                                                                                                                                                |  |  |       |       |      |     |     |    |

RoHS

User Direction of Unreeling



COVER TAPE PEELING ANGLE: 165°~180°

PEELING FORCE: 20~130g

CARRIER TAPE

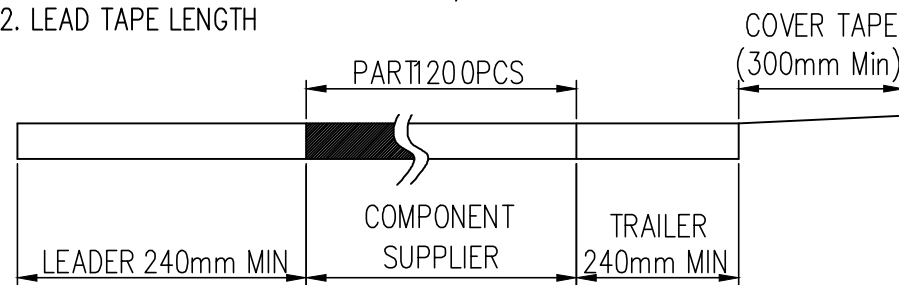
User Direction of Unreeling

DETAIL B

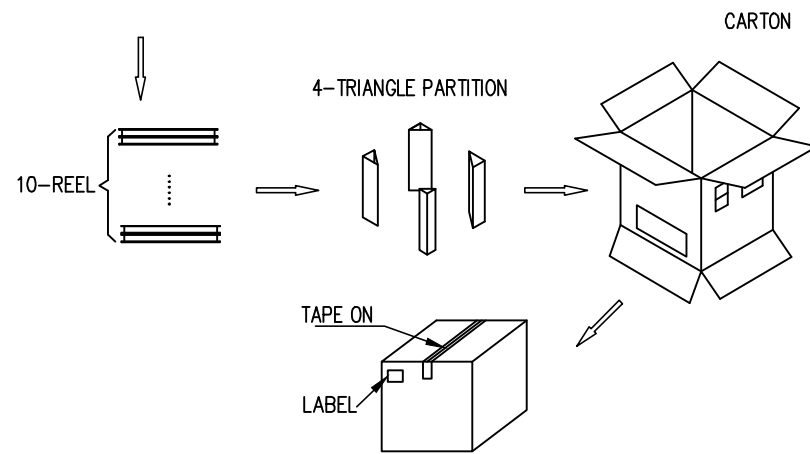
DETAIL B

### NOTES

1. NUMBER OF CONNECTORS: 1200PCS/REEL
2. LEAD TAPE LENGTH



3. QUANTITY: 1200PCS/CARTON



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|-------------|---------------|-----------|--------------------------------------------------------|-------|------|--|
|             |               | MM        |                                                        |       |      |  |
| X° ± 2°     | X° ± 2°       | MAT'L     | PART NUMBER: XB-104376662                              |       |      |  |
| .X ± 0.38   | .XX ± 0.015   | SEE NOTES | TITLE: TYPE C 单排16PIN L=6.45 带凹口                       |       |      |  |
| .XX ± 0.25  | .XXX ± 0.010  | FINISH    | APPD: _____                                            |       |      |  |
| .XXX ± 0.15 | .XXXX ± 0.006 | SEE NOTES | DWG NO.: C-104376662-00                                |       |      |  |
|             |               |           | CHKD: _____                                            |       |      |  |
|             |               |           | DR: _____                                              |       |      |  |
|             |               |           | SCALE                                                  | SHEET | REV. |  |
|             |               |           | 1:1                                                    | 3/3   | A0   |  |