



| REV. | ECN NO | CONTENT         | DATE | ENGINEER |
|------|--------|-----------------|------|----------|
| A0   |        | Initial release | /    | SGF      |

#### SPECIFICATION:

##### 1.ELECTRICAL CHARACTERISTICS:

- 1.1 CURRENT RATING: 3A
- 1.2 CONTACT RATED VOLTAGE: 30V AC
- 1.3 TEMPERATURE RANGE: -40 °C ~ 85 °C
- 1.4 CONTACT RESISTANCE: 40 MILLIONHM MAX.
- 1.5 DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC r.m.s
- 1.6 INSULATION RESISTANCE: 100 MEGOHMS MIN.

##### 2.MECHANICAL CHARACTERISTICS

- 2.1 INSERTION FORCE: 5~20N
- 2.2 EXTRACTION FORCE: Initial:8~20N;  
Durability:6~20N(10000cycles);
- 2.3 DURABILITY:10,000CYCLES

##### 3.1. IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL  
BE MAINTAINED FOR 10 SECONDS AT 260°C.

##### 3.2.Waterproof grade:IPX8.



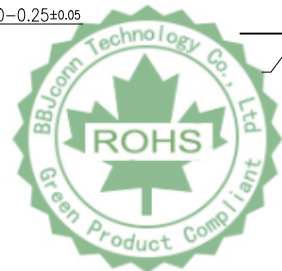
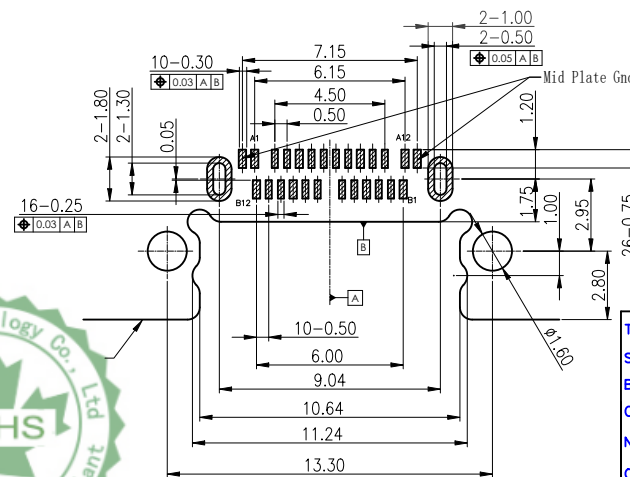
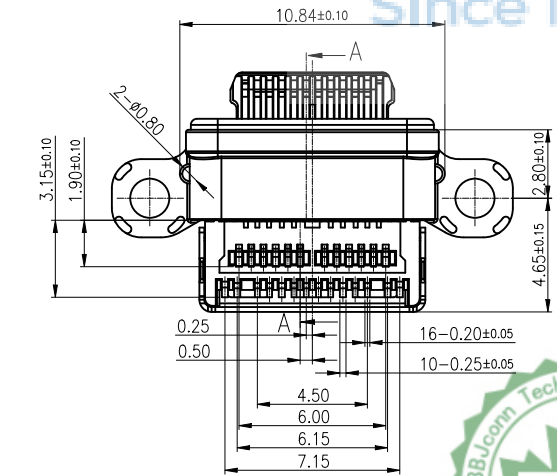
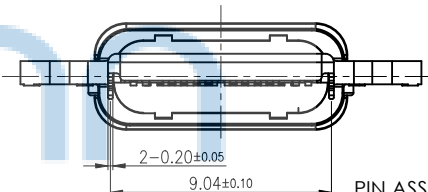
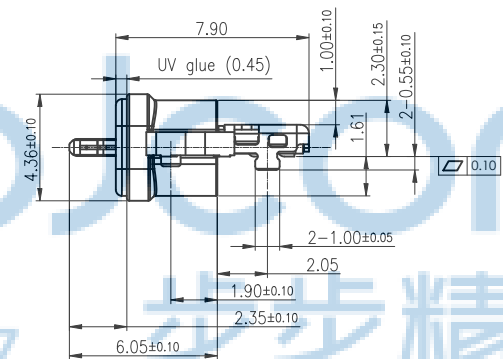
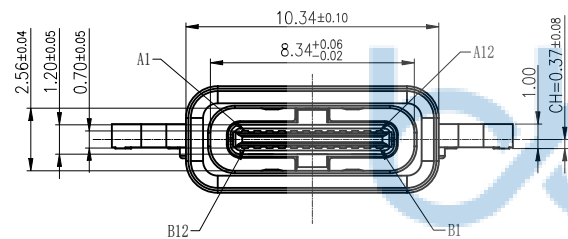
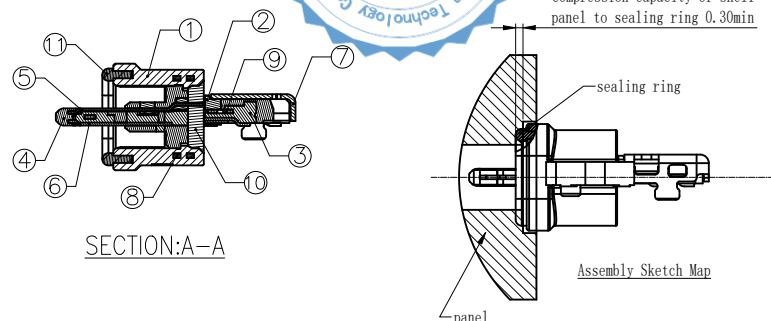
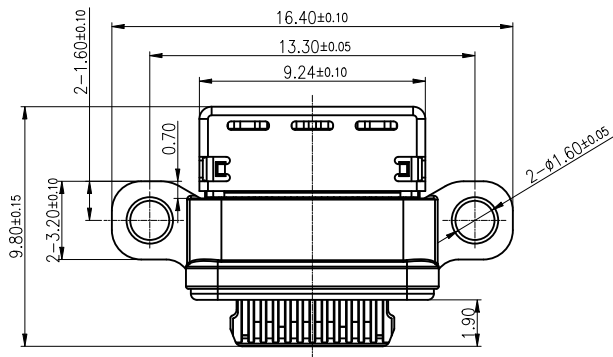
#### PIN ASSIGNMENTS:

| A1  | A2   | A3   | A4   | A5   | A6 | A7 | A8   | A9   | A10  | A11  | A12 |
|-----|------|------|------|------|----|----|------|------|------|------|-----|
| GND | TX1+ | TX1- | Vbus | CC1  | D+ | D- | SBU1 | Vbus | RX2- | RX2+ | GND |
| B12 | B11  | B10  | B9   | B8   | B7 | B6 | B5   | B4   | B3   | B2   | B1  |
| GND | RX1+ | RX1- | Vbus | SBU2 | D+ | D- | CC2  | Vbus | TX2- | TX2+ | GND |

| ITEM | NAME            | QTY  | MATERIAL                   | FINISH                                                                    |
|------|-----------------|------|----------------------------|---------------------------------------------------------------------------|
| 11   | GLUE            | 1pcs | EPOXY                      | BLACK COLOR                                                               |
| 10   | Waterproof ring | 1pcs | UV Glue                    | N/A                                                                       |
| 9    | GROUND PLATE    | 1pcs | STAINLESS STEEL T=0.15mm   | SOLDER AREA:50u" Ni Min                                                   |
| 8    | IM SHELL        | 1pcs | STAINLESS STEEL T=0.20mm   | CLEAN                                                                     |
| 7    | SUB SHELL       | 1pcs | STAINLESS STEEL T=0.20mm   | All over 50u" Ni Min.                                                     |
| 6    | BOTTOM CONTACT  | 1set | COPPER ALLOY T=0.12mm      | CONTACT AREA: 30u" Au<br>SOLDER AREA: 1u"Au Min.<br>All over 50u" Ni Min. |
| 5    | TOP CONTACT     | 1set | COPPER ALLOY T=0.12mm      |                                                                           |
| 4    | INSERT MOLD 3RD | 1pcs | NYLON PA10T VICNYL R725NH  | UL94V-0 / BLACK                                                           |
| 3    | INSERT MOLD 2ND | 1pcs | NYLON PA10T VICNYL R725NH  | UL94V-0 / BLACK                                                           |
| 2    | INSERT MOLD 1ST | 1pcs | NYLON PA10T VICNYL R725NH  | UL94V-0 / BLACK                                                           |
| 1    | HSG IM SHELL    | 1pcs | NYLON PA10T VICNYL R6036NH | UL94V-0 / BLACK                                                           |

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|                                                                                 |                                                   |
|---------------------------------------------------------------------------------|---------------------------------------------------|
| 深圳市步步精科技有限公司                                                                    |                                                   |
| .X: ±0.38<br>.XX: ±0.25<br>.XXX: ±0.13                                          | X': ±3'<br>X'': ±2'<br>X'X': ±1'                  |
| NAME: TYPE-C 24P 防水母座 锁板式 双排SMT 沉板1.61<br>舌片外露1.90 L=7.90 CH=0.37 IPX8 镀金15U 编带 |                                                   |
| APPD. JM_Zheng                                                                  | PJ. NO.: 126-221-240005-J8G                       |
| CHKD. LYX                                                                       | SIZE: A4 DRW NO.:                                 |
| DR. SGF                                                                         | FINISH: SEE NOTES<br>SCALE: N/A REV.: A0 UNIT: mm |
| MAT'L: SEE NOTES<br>PAGE: 1/2                                                   |                                                   |

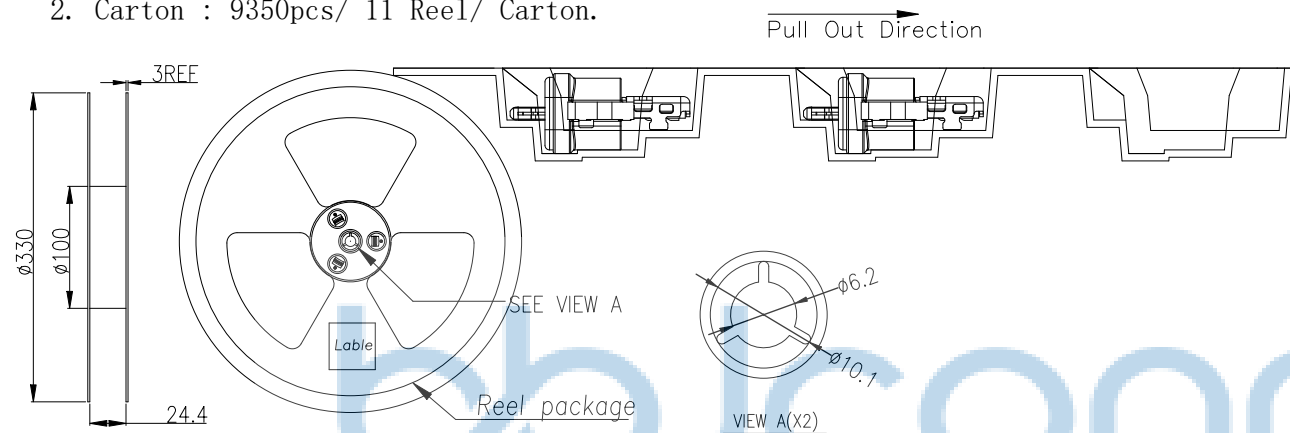


PCB HOLES(TOP VIEW) t=0.7mm  
NOTE: GENERAL TOLERANCE: ±0.05mm

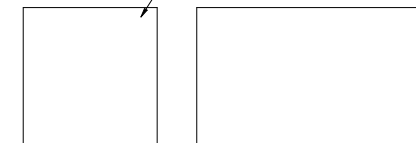
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□ Packing Notes:

1. Reel : 850pcs/ Reel.
2. Carton : 9350pcs/ 11 Reel/ Carton.

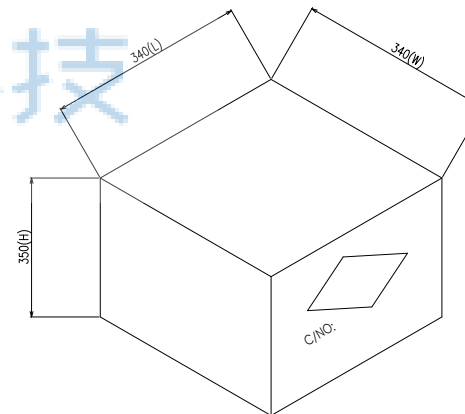
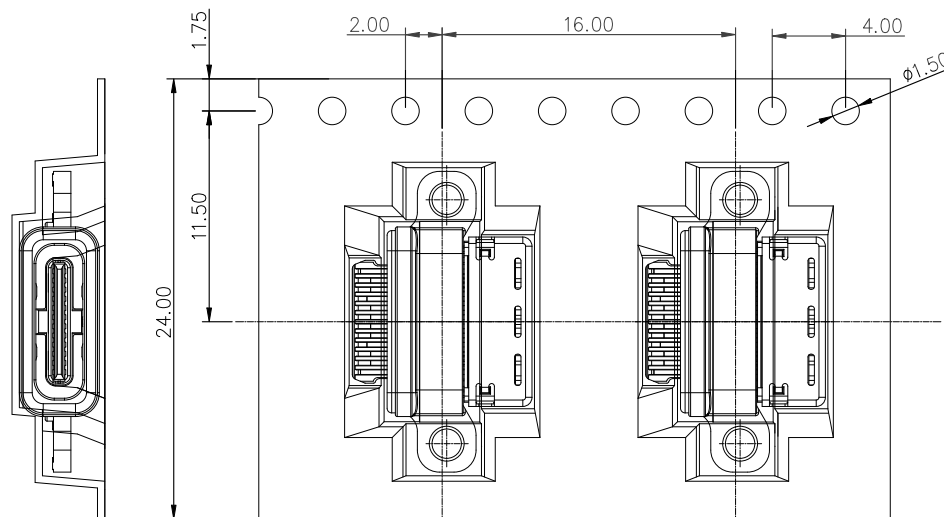
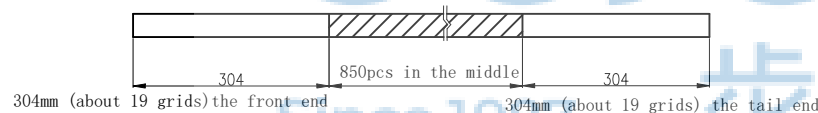


- 1) Seal the cartons with tape
- 2) Attach the label to the side of the carton



REMARK:

- 1) If there are empty boxes, they must be filled with cushioning material;
- 2) Handle with care during handling;
- 3) During transportation, it is not allowed to stack too much and there should be no heavy pressure;
- 4) The upper belt must be flat when sticking the lower tape, and there should be no bubble at the adhesive position.



|                                                                                          |  |                                                                              |  |
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| Corporation AND SHOULD NOT BE USED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN PERMISSION. |  | NAME: TYPE-C 24P 防水母座 锁板式 双排SMT 沉板1.61 舌片外露1.90 L=7.90 CH=0.37 IPX8 镀金15U 编带 |  |
| PDWG.NO: 0956-1                                                                          |  | PJ. NO.: 126-221-240005-J8G                                                  |  |
| DR. SGF                                                                                  |  | SIZE: A4 DRW NO.:                                                            |  |
|                                                                                          |  | FINISH: SEE NOTES MAT'L: SEE NOTES                                           |  |
|                                                                                          |  | SCALE: N/A REV.: A0 UNIT: mm PAGE: 2/2                                       |  |