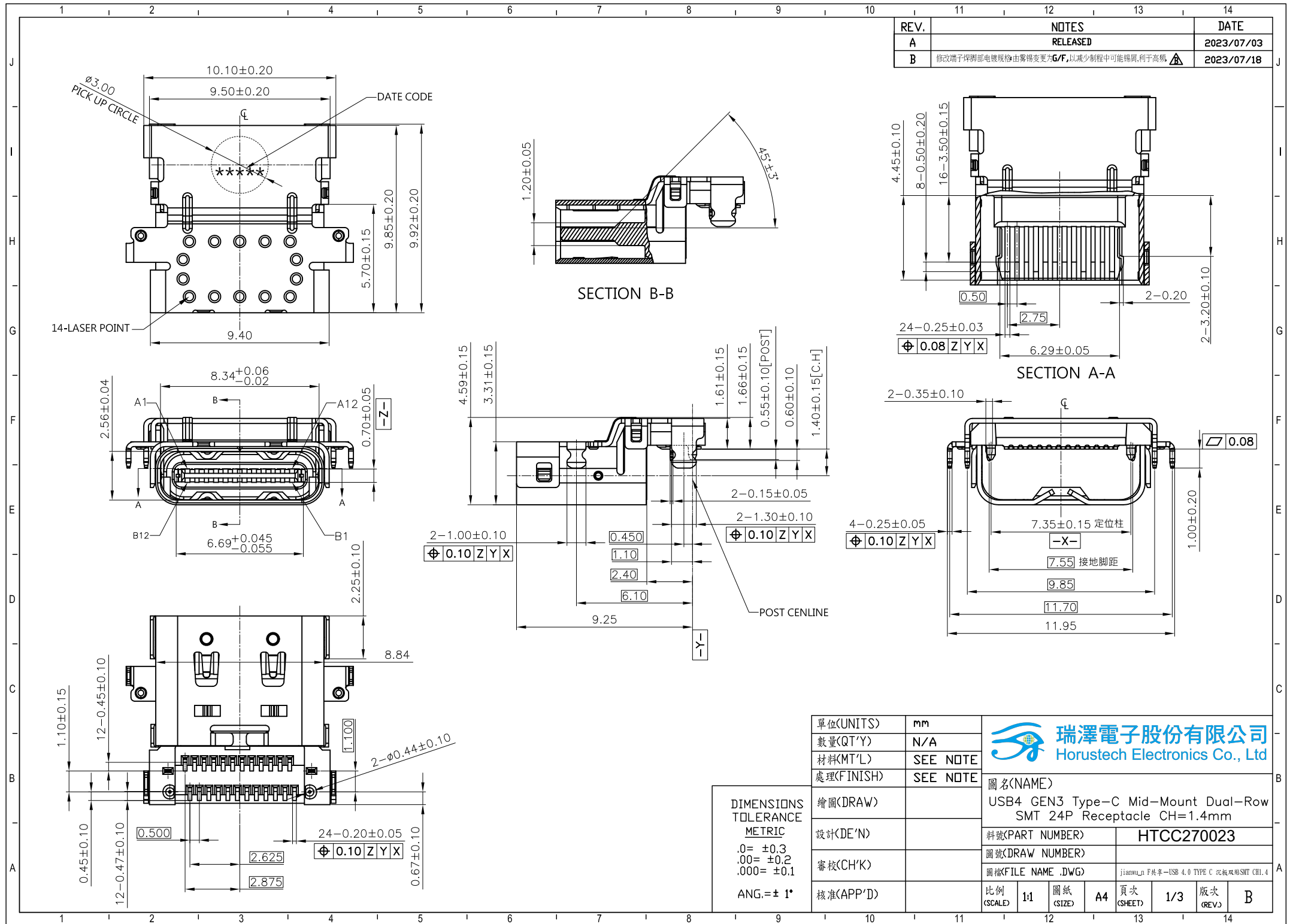
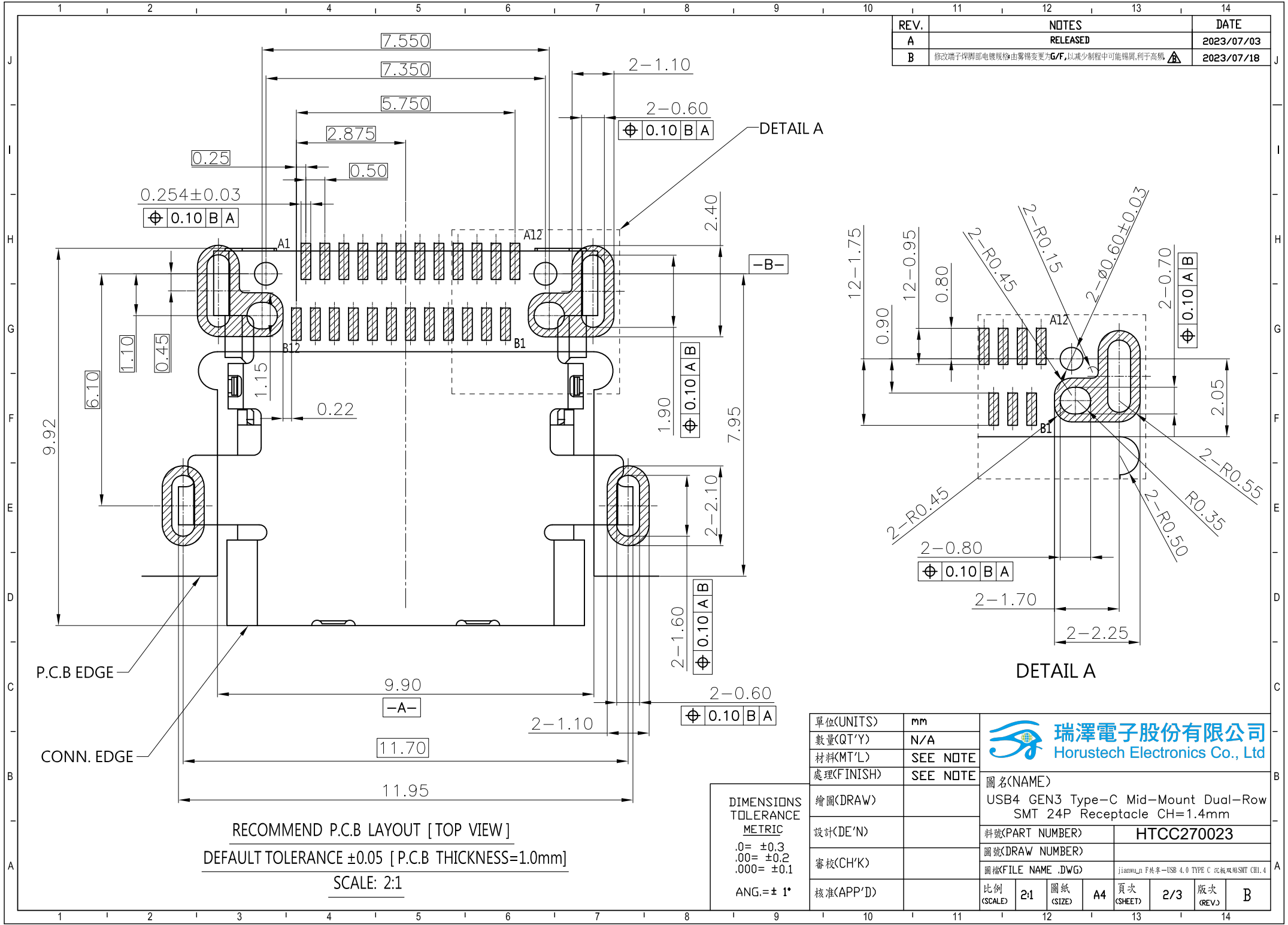
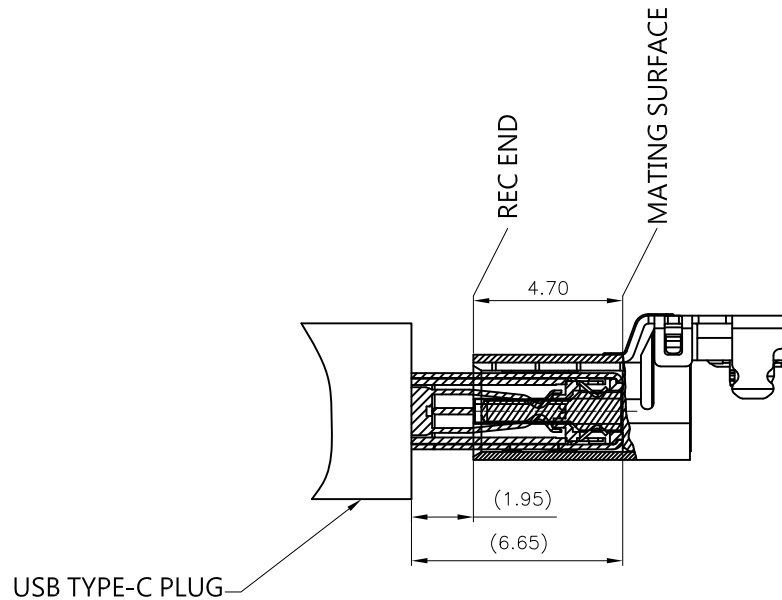






| REV. | NOTES                                                                                                                     | DATE       |
|------|---------------------------------------------------------------------------------------------------------------------------|------------|
| A    | RELEASED                                                                                                                  | 2023/07/03 |
| B    | 修改端子焊脚部电镀规格由雾锡变更为G/F,以减少制程中可能锡偶,利于高频.  | 2023/07/18 |



USB TYPE-C PIN ASSIGNMENTS

| PIN NUMBER | SIGNAL NAME | PIN NUMBER | SIGNAL NAME |
|------------|-------------|------------|-------------|
| A1         | GND         | B12        | GND         |
| A2         | SSTXp1      | B11        | SSRXp1      |
| A3         | SSTXn1      | B10        | SSRXn1      |
| A4         | VBUS        | B9         | VBus        |
| A5         | CC1         | B8         | SBU2        |
| A6         | Dp1         | B7         | Dn2         |
| A7         | Dn1         | B6         | Dp2         |
| A8         | SBU1        | B5         | CC2         |
| A9         | VBUS        | B4         | VBUS        |
| A10        | SSRXn2      | B3         | SSTXn2      |
| A11        | SSRXp2      | B2         | SSTXp2      |
| A12        | GND         | B1         | GND         |

#### NOTE:

##### 1.MATERIAL SPECIFICATION

HOUSING\_BLACK: LCP\_E6808UHF+40%GF[UL94V-0]

CONTACT PIN: COPPER ALLOY\_C18400

OUT SHELL: SUS\_304 3/4H

MID SHELL: SUS\_301 EH [T=0.15]

IN SHELL: SUS\_304 3/4H

##### 2.PLATING SPECIFICATION

CONTACT PIN: NICKEL 50u"(Min.) UNDER PLATING OVER ALL.

GOLD PLATING 30u"(Min.) ON CONTACT AREA.

 G/F PLATING ON SOLDER AREA.

OUT SHELL: NICKEL 50u"(Min.) PLATING ON SOLDER AREA

IN SHELL: NICKEL 50u"(Min.) PLATING ON SOLDER AREA

MID SHELL: NICKEL 50u"(Min.) PLATING ON SOLDER AREA

##### 3. HF COMPLIANT, RoHS COMPLIANT

##### 4.ELECTRICT

CURRENT RATING: 5.0A(Max.)

VOLTAGE RATING: 20V AC [RMS].

##### 5.ENVIRONMENTAL

TEMPERATURE: -25°C TO +85°C

##### 6.IR REFLOW

THE PEAK TEMPERATURE ON THE BOARD SHALL

MAINTAIN 10±1 SECONDS AT 260±5°C

##### 7.DATE CODE FORMAT

XXXXX  
└──┬──┬──  
DAY  
WEEK  
YEAR

|            |          |
|------------|----------|
| 單位(UNITS)  | mm       |
| 數量(QT'Y)   | N/A      |
| 材料(MT'L)   | SEE NOTE |
| 處理(FINISH) | SEE NOTE |



|                    |     |                                                                 |    |           |     |          |   |
|--------------------|-----|-----------------------------------------------------------------|----|-----------|-----|----------|---|
| 圖名(NAME)           |     | USB4 GEN3 Type-C Mid-Mount Dual-Row SMT 24P Receptacle CH=1.4mm |    |           |     |          |   |
| 料號(PART NUMBER)    |     | HTCC270023                                                      |    |           |     |          |   |
| 圖號(DRAW NUMBER)    |     |                                                                 |    |           |     |          |   |
| 圖檔(FILE NAME .DWG) |     | jianwu_n F終串-USB 4.0 TYPE C 沉板双贴SMT CH1.4                       |    |           |     |          |   |
| 比例(SCALE)          | 1:1 | 圖紙(SIZE)                                                        | A4 | 頁次(SHEET) | 3/3 | 版次(REV.) | B |

DIMENSIONS  
TOLERANCE  
METRIC  
.0= ±0.3  
.00= ±0.2  
.000= ±0.1  
ANG.=± 1°

