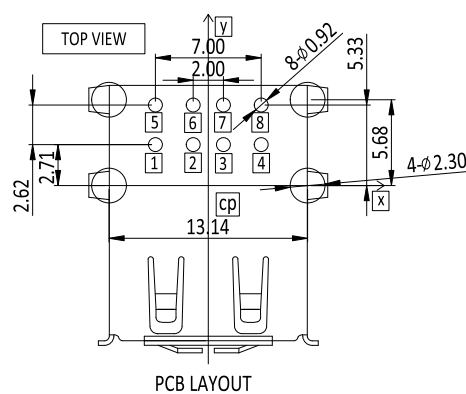
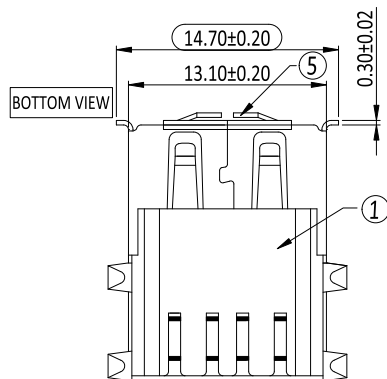
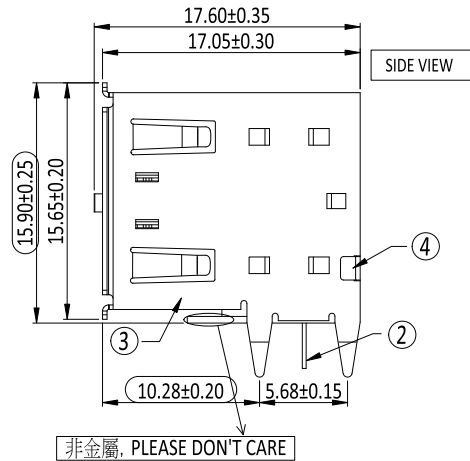
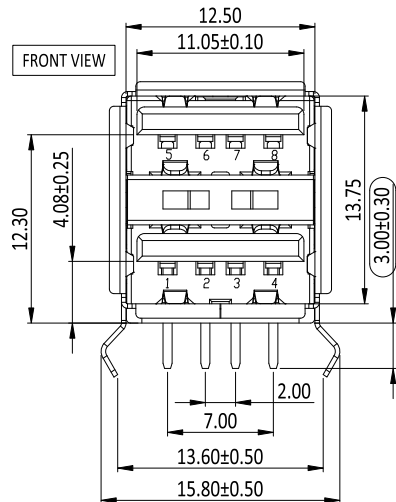




#### SPECIFICATION

##### ELECTRICAL CHARACTERISTIC:

1. RATED VOLTAGE AND CURRENT: 1A AT 250V AC MINIMUM.
2. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC/1 MINUTE WITHOUT BREAKDOWN.
3. CONTACT RESISTANCE: BEFORE LIFE TEST 30m Ω MAX, AFTER LIFE TEST 50m Ω MAX.
4. INSULATION RESISTANCE: 1000M Ω MIN.
5. INSERTION FORCE: 35 NEWTONS MAX.
6. EXTRACTION FORCE: 10 NEWTONS MIN.
7. SOLDERABILITY: TERMINAL SHALL BE IMMERSIED IN FLUX BEFORE TEXT, THEN DIP IN MOLTEN SOLDER FOR 5±0.5 SEC. AT 245±5°C.

##### ENVIRONMENT:

1. TEMPERATURE RANGE: -55°C~+85°C

##### PIN ASSIGNMENTS

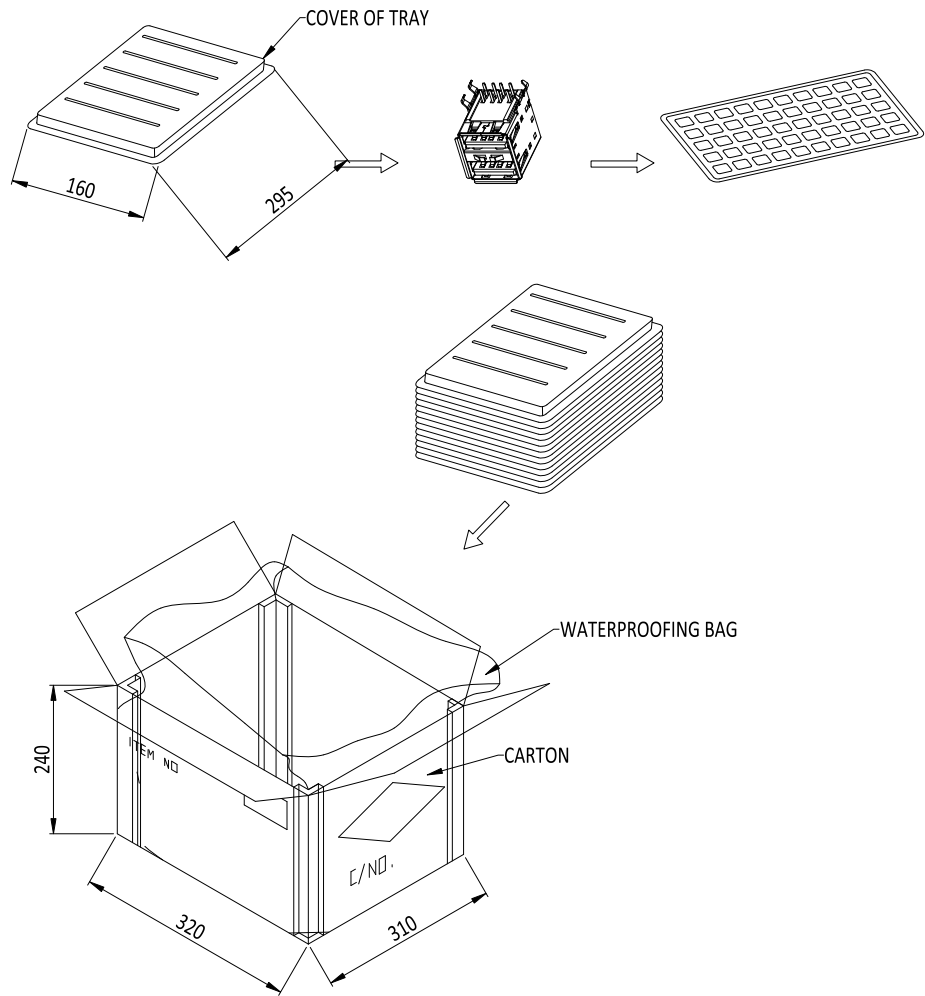
| PIN NO.     | #1, #5 | #2, #6 | #3, #7 | #4, #8 | SHELL  |
|-------------|--------|--------|--------|--------|--------|
| SIGNAL NAME | VBUS   | D-     | D+     | GND    | SHIELD |



|   |            |                                                                                                                   |   |
|---|------------|-------------------------------------------------------------------------------------------------------------------|---|
| 5 | SPRING     | SUS T=0.2mm                                                                                                       | 1 |
| 4 | BACK SHELL | STEEL T=0.3mm, CU:40u"MIN. 80u"MIN. NI PLATED                                                                     | 1 |
| 3 | SHELL      | STEEL T=0.30mm, CU:40u"MIN. 80u"MIN. NI PLATED                                                                    | 1 |
| 2 | CONTACT    | BRASS T=0.25mm, CONTACT AREA: 0.8u"MIN. AU PLATED OVER 50u"NI MIN. SOLDER AREA:80u"MIN. SN PLATED OVER 50u"NI MIN | 8 |
| 1 | HOUSING    | PBT UL94-V0                                                                                                       | 1 |

| ITEM | PART     | DESCRIPTION                                              | Q'TY |
|------|----------|----------------------------------------------------------|------|
|      | I        | ECN-2504037(KIRA)NEW P/N                                 |      |
|      | H        | ECN-2109075(JOAN)CHANGE OUTLINE.                         |      |
|      | GX2      | ECR-1602040(BEN) ADD H=ROHS(MATTE)(HALOGEN FREE)&12.30mm |      |
| ZONE | REVISION | DESCRIPTION                                              | DATE |

| 3                                    | 53107010030 | 317AE04PSD5A01                                | SPCC              | WHITE                              |      |
|--------------------------------------|-------------|-----------------------------------------------|-------------------|------------------------------------|------|
| 2                                    | 53107010020 | 317AE04PSD5A03                                | SPCC              | BLACK                              |      |
| 1                                    | 53107010010 | 317AE04PSD5003                                | BRASS             | BLACK                              |      |
| ITEM                                 | NEW P/N     | OLD P/N                                       | SHELL             | HOUSING                            | NOTE |
| UNLESS OTHERWISE SPECIFIED TOLERANCE |             | ANG. ±1°<br>0. ±0.30<br>0. ±0.20<br>.00 ±0.10 | SIP<br>ST Cmk Cpk | <br>CHANT SINCERE CO.,LTD          |      |
| SCALE: AS SHOWN                      |             | UNIT: mm                                      |                   | TITLE: USB-A(F)雙層90° DIP半包雙彈(外殼鐵料) |      |
| DRAWN: KEVIN_ZHENG                   |             | 15 Apr 2025                                   |                   | PART NO. 5310701XXXX               |      |
| CHECKED: PEARL_HUNG                  |             | 24 Apr 2025                                   |                   | CODE: H CUSTOMER:                  |      |
| APPROVED: PEARL_HUNG                 |             | 24 Apr 2025                                   |                   |                                    |      |
|                                      |             | SIZE A4                                       | SHEET 1/2         | REV. I                             |      |

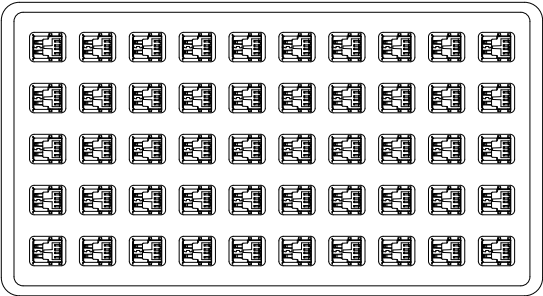


NOTES:  
MATERIAL:  
1. TRAY: APET  
2. SHIPPING CARTON: CORRUGATED FIBERBOARD 0.84"  
3. WATERPROOFING BAG: PE

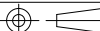
DIMENSION:  
1. TRAY: H=23

QUANTITY:  
1. PRIMARY PACKING: 50 PCS/TRAY  
2. SECONDARY PACKING: 20 TRAYS(1000PCS)

WEIGHT:  
1. NET WEIGHT: 4.16KG  
2. GROSS WEIGHT: 6.84KG



|      |          |                                                          |           |
|------|----------|----------------------------------------------------------|-----------|
|      | I        | ECN-2504037(KIRA)NEW P/N                                 | 09APR2025 |
|      | H        | ECN-2109075(JOAN)CHANGE OUTLINE.                         | 05AUG2020 |
|      | GX2      | ECR-1602040(BEN) ADD H=ROHS(MATTE)(HALOGEN FREE)&12.30mm | 18JUL2018 |
| ZONE | REVISION | DESCRIPTION                                              | DATE      |

|                                                                                       |             |                                                                                                  |                                                                                                                       |
|---------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| UNLESS OTHERWISE SPECIFIED TOLERANCE                                                  |             |  SIP        | <br><b>CHANT SINCERE CO.,LTD</b> |
| ANG.                                                                                  | ±1°         |  Cmk<br>Cpk |                                                                                                                       |
| 0.                                                                                    | ±0.30       |                                                                                                  |                                                                                                                       |
| .0                                                                                    | ±0.20       |                                                                                                  |                                                                                                                       |
| .00                                                                                   | ±0.10       |                                                                                                  |                                                                                                                       |
| SCALE:                                                                                | AS SHOWN    | UNIT: mm                                                                                         |                                                                                                                       |
| DRAWN:                                                                                | KEVIN_ZHENG | 15 Apr 2025                                                                                      | TITLE:                                                                                                                |
| CHECKED:                                                                              | PEARL_HUNG  | 24 Apr 2025                                                                                      | USB-A(F)雙層90° DIP半包雙彈(外殼鐵料)                                                                                           |
| APPROVED:                                                                             | PEARL_HUNG  | 24 Apr 2025                                                                                      | PART NO.                                                                                                              |
|                                                                                       |             |                                                                                                  | 5310701XXXX                                                                                                           |
|  | SIZE A4     | SHEET 1/2                                                                                        | REV. I                                                                                                                |
|                                                                                       |             | CODE: H                                                                                          | CUSTOMER:                                                                                                             |