

HF  
compliant



#### SPECIFICATION

##### MATERIAL AND FINISH:

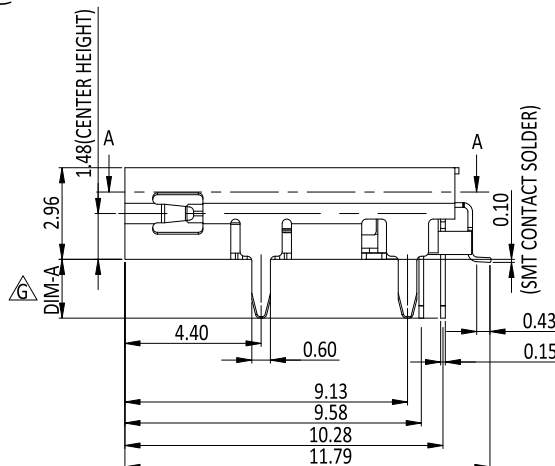
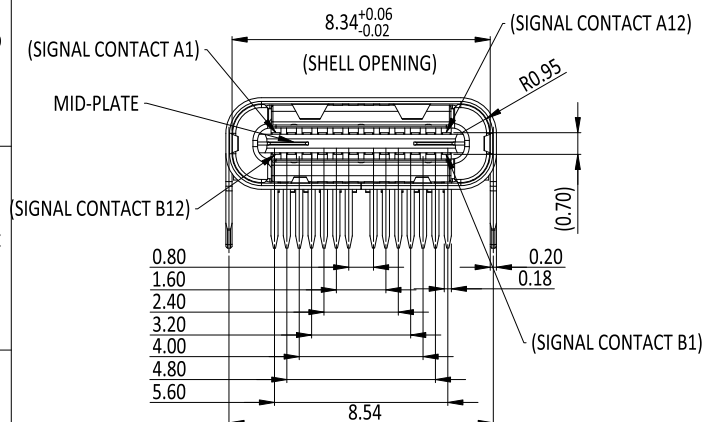
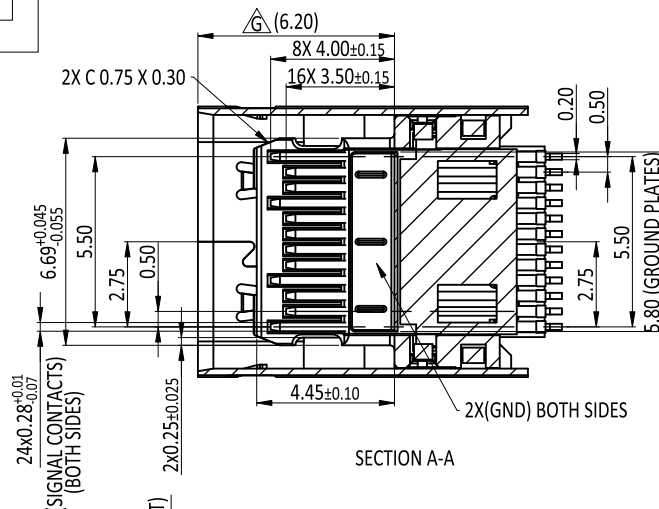
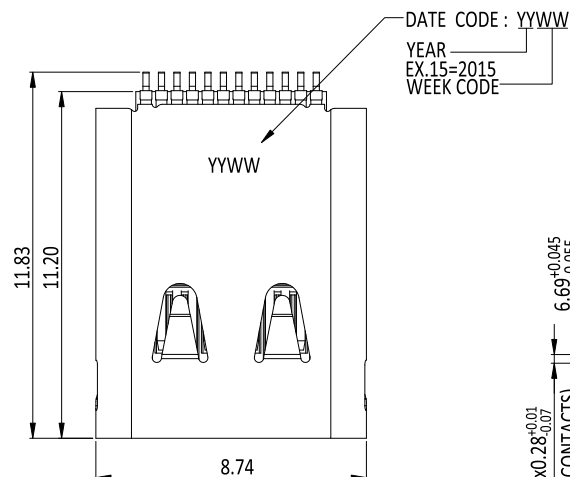
1. INSULATOR: LCP, BLACK RATED UL94V-0
2. CONTACTS: BRASS  
PLATING: UNDERPLATE: 40u"~80u" NI  
CONTACT AREA: AU(SELECTIVE)  
SOLDER TAILS AREA: 100 ~200u" (MATTE)(LEAD FREE)
3. SHELL PLATING: NI

##### ELECTRICAL CHARACTERISTIC:

1. OPERATION VOLTAGE: 20 V
2. CURRENT RATING: 5 Amps MAX.
3. INSULATION RESISTANCE: 100 MΩ MIN @ 100 VDC
4. DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC / MINUTE
5. MATING CYCLES: 10,000 INSERTIONS

##### ENVIRONMENT:

1. OPERATING TEMPERATURE RANGE: -40°C TO +105°C

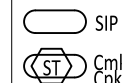


|       | PCB 1.0mm | PCB 1.6mm |
|-------|-----------|-----------|
| DIM-A | 1.50mm    | 1.90mm    |

|      |             |                  |                  |        |           |                    |
|------|-------------|------------------|------------------|--------|-----------|--------------------|
| 5    | 53311010041 | N/A              | 3u"AU            | 1.60mm | TAPE&REEL | W/ DC<br>W/O LOGO  |
| 4    | 53311010040 | 317JD24BRTF3K3C3 | 3u"AU            | 1.60mm |           | W/O DC<br>W/O LOGO |
| 3    | 53311010030 | 317JD24BRTF3K1C3 | 3u"AU            | 1.00mm |           |                    |
| 2    | 53311010020 | 317JD24BZTF3K3C3 | 30u"PD NI+2u" AU | 1.60mm |           |                    |
| 1    | 53311010010 | 317JD24BZTF3K1C3 | 30u"PD NI+2u" AU | 1.00mm |           |                    |
| ITEM | NEW P/N     | OLD P/N          | CONTACT PLATING  | PCB    | PACKING   | LOGO               |

UNLESS OTHERWISE  
SPECIFIED TOLERANCE

ANG. ±5°  
0. ±0.50  
0. ±0.30  
0.00 ±0.20



SIP  
Cmk  
Cpk



CHANT SINCERE CO.,LTD

SCALE: AS SHOWN

UNIT: mm

DRAWN: XINGRU\_LAI

06 Mar 2024

CHECKED: PEARL\_HUNG

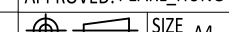
03 Apr 2024

APPROVED: PEARL\_HUNG

03 Apr 2024

TITLE:  
USB TYPE C RECEPTACLE (W/O REAR COVER TYPE)  
(INSERTION DISTANCE 6.20mm)

PART NO. 5331101XXXX



SIZE A4

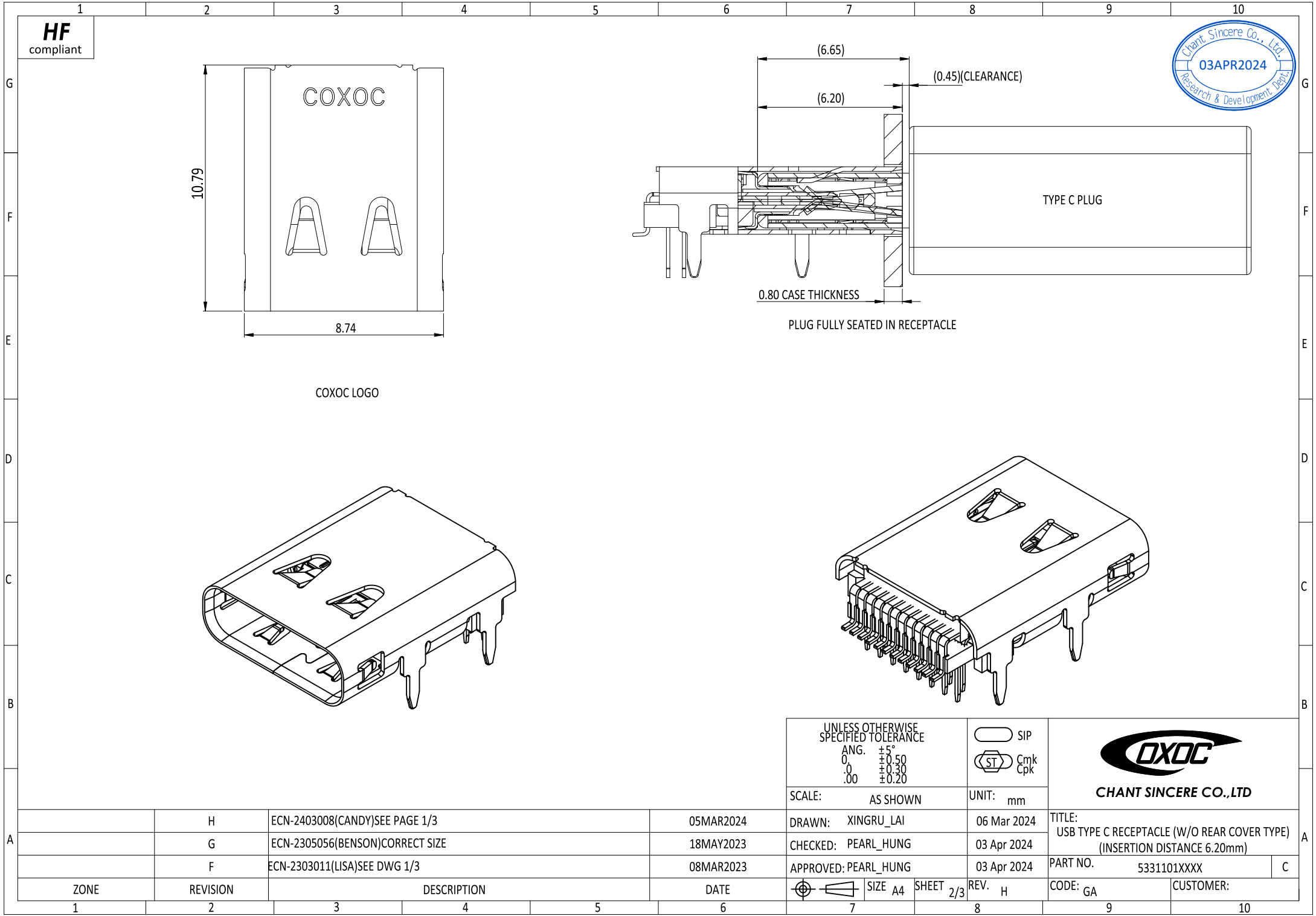
SHEET 1/3

REV. H

CODE: GA

CUSTOMER:

|       |          |                                        |           |
|-------|----------|----------------------------------------|-----------|
| C7    | H        | ECN-2403008(CANDY)ADD P/N:53311010041  | 05MAR2024 |
| C4,G5 | G        | ECN-2305056(BENSON)CORRECT SIZE        | 18MAY2023 |
| E9    | F        | ECN-2303011(LISA)NEW ADDITION R=3u" AU | 08MAR2023 |
| ZONE  | REVISION | DESCRIPTION                            | DATE      |



|                                      |       |                                                                                           |  |
|--------------------------------------|-------|-------------------------------------------------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED TOLERANCE |       |  SIP |  |
| ANG.                                 | ±5°   |  Cmk |  |
| 0.                                   | ±0.50 | Cpk                                                                                       |  |
| .0                                   | ±0.30 |                                                                                           |  |
| .00                                  | ±0.20 |                                                                                           |  |
| SCALE: AS SHOWN                      |       | UNIT: mm                                                                                  |  |

|                                                                                                                |  |                                                                                      |  |
|----------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|--|
| <br>CHANT SINCERE CO.,LTD |  | TITLE:<br>USB TYPE C RECEPTACLE (W/O REAR COVER TYPE)<br>(INSERTION DISTANCE 6.20mm) |  |
|                                                                                                                |  | PART NO. 5331101XXXX                                                                 |  |
|                                                                                                                |  | CODE: GA                                                                             |  |
|                                                                                                                |  | CUSTOMER:                                                                            |  |



| 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         |

Recomanded PCB LAYOUT  
TOLANCE  $\pm 0.05$   
PCB TINKNESS = 1.0 FOR 1.50 SOLDER TAIL  
1.6 FOR 1.90 SOLDER TAIL

|                                                                                                                                                                                     |  |                                                                                                                                                                                               |  |                                                                                                                       |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED TOLERANCE                                                                                                                                                |  |  SIP<br> Cmk<br>Cpk |  | <br><b>CHANT SINCERE CO.,LTD</b> |  |
| ANG.    ±5°<br>0.       ±0.50<br>.0       ±0.30<br>.00      ±0.20                                                                                                                   |  | UNIT: mm                                                                                                                                                                                      |  |                                                                                                                       |  |
| SCALE: AS SHOWN                                                                                                                                                                     |  | DRAWN: XINGRU_LAI                                                                                                                                                                             |  | TITLE: USB TYPE C RECEPTACLE (W/O REAR COVER TYPE)<br>(INSERTION DISTANCE 6.20mm)                                     |  |
| CHECKED: PEARL_HUNG                                                                                                                                                                 |  | 06 Mar 2024                                                                                                                                                                                   |  |                                                                                                                       |  |
| APPROVED: PEARL_HUNG                                                                                                                                                                |  | 03 Apr 2024                                                                                                                                                                                   |  | PART NO. 5331101XXXX                                                                                                  |  |
|   SIZE A4 |  | SHEET 3/3                                                                                                                                                                                     |  | C                                                                                                                     |  |
| REV. H                                                                                                                                                                              |  | CODE: GA                                                                                                                                                                                      |  | CUSTOMER:                                                                                                             |  |
| 7                                                                                                                                                                                   |  | 8                                                                                                                                                                                             |  | 9                                                                                                                     |  |
|                                                                                                                                                                                     |  |                                                                                                                                                                                               |  | 10                                                                                                                    |  |