

HF compliant

① 7.50  
② 4.80  
⑦ 0.50  
⑥ Ø0.55  
⑤ 1.00  
③ 10.50  
④ 8.94  
YYWW  
DATE CODE: YYWW  
YEAR EX.15=2015  
WEEK CODE

⑧ 8.34<sup>+0.06</sup><sub>-0.02</sub>  
⑨ 6.69<sup>+0.045</sup><sub>-0.055</sub>  
⑩ 0.7±0.05  
⑪ 2.56±0.04  
A  
A/B

⑫ 3.16  
⑬ 2.65  
⑭ 0.30  
⑮ 4.30  
SECTION A-A

⑯ 0.25  
⑰ 0.50  
⑱ 0.50  
⑲ 1.50  
⑳ 2.50  
㉑ 3.50  
㉒ 4.50  
㉓ 5.50  
㉔ 2.20

SPECIFICATION  
MATERIAL AND FINISH:  
1. INSULATOR: THERMOPLASTIC, BLACK  
2. CONTACTS: COPPER  
UNDERPLATE: 80u"MIN. NI  
CONTACT AREA: 1u"~30u" AU  
SOLDER TAILS AREA: 100u"~200u" MATTE SN  
3. SHELL: STAINLESS STEEL

ELECTRICAL CHARACTERISTIC:  
1. OPERATION VOLTAGE: 20 V  
2. CURRENT RATING: 5 AMPS MAX.  
3. INSULATION RESISTANCE: 100 MΩ MIN. @ 100 V DC  
4. DIELECTRIC WITHSTANDING VOLTAGE: 100 V AC / MINUTE

MECHANICAL CHARACTERISTIC:  
1. MATING CYCLES: 10,000 CYCLES

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

PACKING STYLE:  
1. TAPE REEL

| 1                                    | 53313050010 | 317DH24BDTF7N13C | 30u" AU/SN MATTE | NI                                                                                                             | W/CAP,W/DATE CODE |
|--------------------------------------|-------------|------------------|------------------|----------------------------------------------------------------------------------------------------------------|-------------------|
| ITEM                                 | NEW P/N     | OLD P/N          | TERMINAL PLATING | SHELL PLATING                                                                                                  | NOTE              |
| UNLESS OTHERWISE SPECIFIED TOLERANCE |             |                  | SIP              | <br>CHANT SINCERE CO.,LTD |                   |
| ANG. ±0.50                           |             |                  | ST Cmk           |                                                                                                                |                   |
| 0 ±0.30                              |             |                  | Cpk              |                                                                                                                |                   |
| .00 ±0.20                            |             |                  |                  |                                                                                                                |                   |
| SCALE: AS SHOWN                      |             |                  | UNIT: mm         | TITLE: (PDR-16033)<br>USB TYPE C RECEPTACLE VERTICAL TYPE<br>(INSERTION DISTANCE 6.20mm)                       |                   |
| DRAWN: SUNNY_LIU                     |             |                  | 08 Mar 2024      | PART NO. 5331305XXXX                                                                                           |                   |
| CHECKED: PEARL_HUNG                  |             |                  | 11 Mar 2024      | C                                                                                                              |                   |
| APPROVED: PEARL_HUNG                 |             |                  | 21 Mar 2024      | CODE: R06 CUSTOMER:                                                                                            |                   |
| SIZE A4 SHEET 1/2                    |             |                  | REV. E           |                                                                                                                |                   |

| 1    | 2        | 3                             | 4 | 5 | 6         | 7 | 8 | 9 | 10 |
|------|----------|-------------------------------|---|---|-----------|---|---|---|----|
|      | E        | ECN-2402061(JOLIN)ADD NEW P/N |   |   | 27FEB2024 |   |   |   |    |
| D9   | D        | ECN-193022(LITING) (9,D)      |   |   | 03AUG2019 |   |   |   |    |
| A1   | C        | ECN-1612038(CARROL) (1,A)     |   |   | 12DEC2016 |   |   |   |    |
| ZONE | REVISION | DESCRIPTION                   |   |   | DATE      |   |   |   |    |

HF compliant

RECOMANDED PCB LAYOUT  
TOLANCE  $\pm 0.05$   
PCB TINKNESS = 1.60

| 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         |

UNLESS OTHERWISE SPECIFIED TOLERANCE

ANG.  $\pm 5^\circ$   
0.  $\pm 0.50$   
.0  $\pm 0.30$   
.00  $\pm 0.20$

SCALE: AS SHOWN UNIT: mm

DRAWN: SUNNY\_LIU 08 Mar 2024  
CHECKED: PEARL\_HUNG 11 Mar 2024  
APPROVED: PEARL\_HUNG 21 Mar 2024

SIZE A4 SHEET 2/2 REV. E

TITLE: (PDR-16033)  
USB TYPE C RECEPTACLE VERTICAL TYPE  
(INSERTION DISTANCE 6.20mm)

PART NO. 5331305XXXX

CODE: R06 CUSTOMER: