

THIS DRAWING CONTAINS INFORMATION THAT IS  
PROPRIETARY TO ZDT TECHNOLOGY, AND SHOULD  
NOT BE USED WITHOUT WRITTEN PERMISSION

| REV | ECN No.    | DATE       | REMARK     |
|-----|------------|------------|------------|
| A   | NEW        | 2016.04.14 | 新版发行       |
| B   | ECN1612001 | 2016.12.23 | 变更新料号      |
| C   | ECN1709005 | 2017.09.06 | 新增电镀15u规格  |
| D   | ECN1803005 | 2018.03.08 | 新增外壳镀金规格   |
| E   | ECN1805012 | 2018.05.29 | 镀金1u => 3u |
| F   | ECN1908008 | 2019.08.05 | 变更新图号      |
| G   | ECN2011005 | 2020.11.09 | 升级第三代产品    |

NOTE:

1. Electrical Characteristics:
  - 1-1: Current Rating: 5A For Pin(A4,A9,B4,B9)  
1.25A For Pin(B5)  
0.25A For Others Pin
  - 1-2: VOLTAGE RATING:5.0V
  - 1-3: Insulation Resistance: 100MΩ Min.
  - 1-4: Contact Resistance:  
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.  
SHIELD:50mΩ/MAX.  
SHIELD:LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
  - 1-5: Dielectric Withstanding Voltage: 100V/AC 1Minute
2. Mechanical Characteristics:
  - Insertion Force: 5~20N
  - Extraction Force: Initial: 8~20N
  - After durability: 6~20N
  - Durability :10000 Cycles
3. Operating Temperature: -25°C TO +85°C

4.PART NUMBER CODE:(产品料号)

Z-CF010 S L B XX T-A-01  
(1) (2) (3) (4)

- (1) HOUSING MATERIAL:  
L:PA9T
- (2) HOUSING COLOR:  
**B:BLACK**
- (3) CONTACTS PLATED:  
02:半金鍍3u"
- (4) PACKING OPTIONS  
T:TUBE



TYPE:

|     |                 |                       |                                                                                                                          |  |
|-----|-----------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------|--|
| 5   | SHELL           | SUS304 T=0.30mm       | NICKEL 30u" MIN PLATING                                                                                                  |  |
| 4   | SHIELDING PLATE | SUS301 T=0.15mm       | ---                                                                                                                      |  |
| 3   | EMI PLATE       | SUS304 T=0.10mm       | ---                                                                                                                      |  |
| 2   | CONTACT         | COPPER ALLOY T=0.12mm | NI 50u" MIN. UNDER PLATED OVER ALL<br>Au 3u" PLATED ON THE FUNCTIONAL AREA OF CONTACT.<br>PLATING 1u" OF THE SOLDER AREA |  |
| 1   | HOUSING         | PA9T UL94V-0          | BLACK                                                                                                                    |  |
| NO. | DESCRIPTION     | MATERIAL              | REMARKS                                                                                                                  |  |

PART NO.:  
SEE THE PART NUMBER CODE



— 深圳市中科兴达科技有限公司  
SHENZHEN ZDT TECHNOLOGY CO., LTD

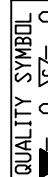
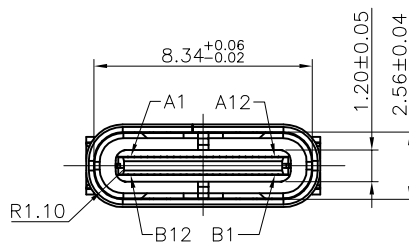
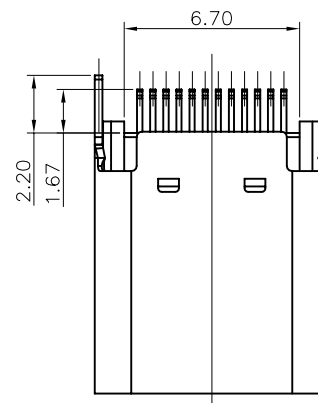
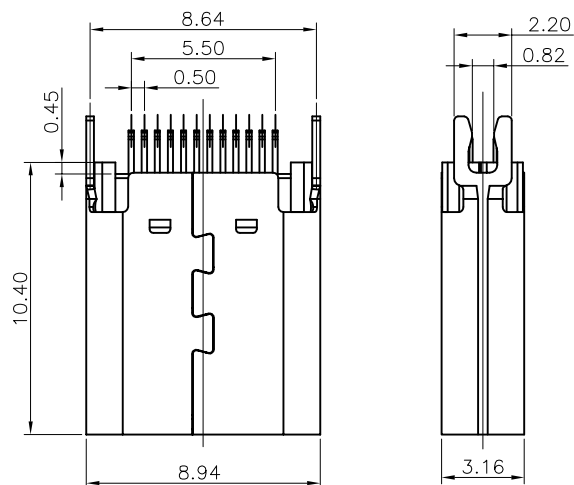
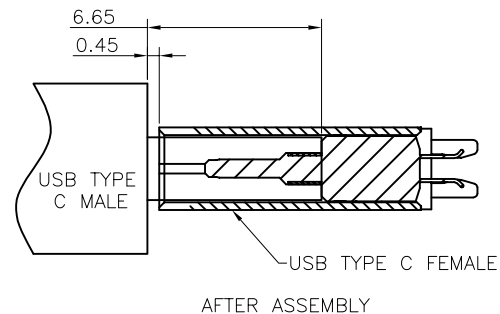
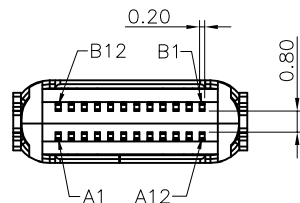
|          |            |
|----------|------------|
| DRAWN BY | DATE       |
| SAM      | 2020.11.09 |

|            |            |
|------------|------------|
| CHECKED BY | DATE       |
| JAY        | 2020.11.09 |

|             |            |
|-------------|------------|
| APPROVED BY | DATE       |
| JACKY       | 2020.11.09 |



frame size: A4



| GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |            |
|------------------------------------------|------------|
| x.xxxx                                   | $\pm$ ---  |
| x.xxx                                    | $\pm$ 0.10 |
| x.xx                                     | $\pm$ 0.25 |
| x.x                                      | $\pm$ 0.30 |
| ANGULAR                                  | $\pm$ --°  |

| S | TITLE |
|---|-------|
|---|-------|

|                            |
|----------------------------|
| USB C F TYPE母座夹板0.8短体10.40 |
|----------------------------|

|         |  |
|---------|--|
| DWG.NO. |  |
|---------|--|

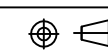
CF010-01

|           |
|-----------|
| SHEET NO. |
| 1 OF 3    |

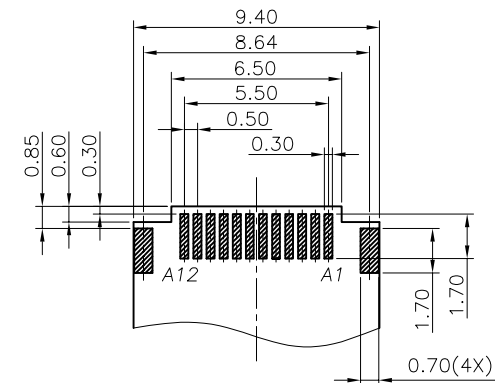
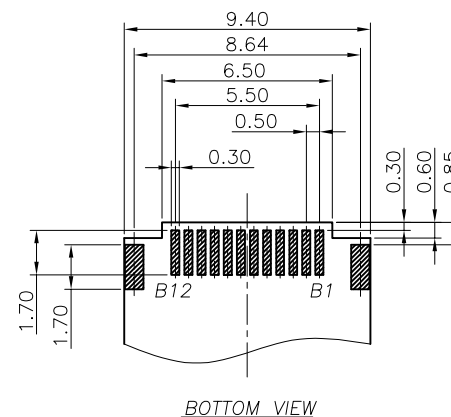
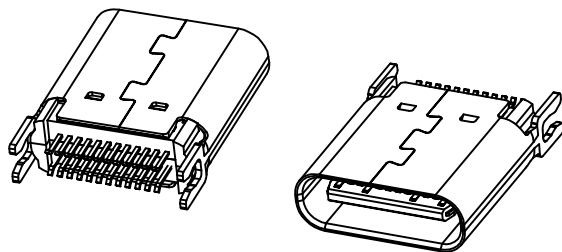
DIMENSION STYLE  
MM ONLY

DESIGN UNITS  
METRIC

SCALE  
1:1



| REV | ECN No.    | DATE       | REMARK      |
|-----|------------|------------|-------------|
| A   | NEW        | 2016.04.14 | 新版发行        |
| B   | ECN1612001 | 2016.12.23 | 变更新料号       |
| C   | ECN1709005 | 2017.09.06 | 新增电镀15u规格   |
| D   | ECN1803005 | 2018.03.08 | 新增外壳镀金规格    |
| E   | ECN1805012 | 2018.05.29 | 镀金1u ==> 3u |
| F   | ECN1908008 | 2019.08.05 | 变更新图号       |
| G   | ECN2011005 | 2020.11.09 | 升级第三代产品     |



## 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         |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |                                                                                                                                                     |        |  |                            |          |              |            |                     |  |                                                                                                                             |  |                    |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------|--|----------------------------|----------|--------------|------------|---------------------|--|-----------------------------------------------------------------------------------------------------------------------------|--|--------------------|--|
| PART NO.:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                          | <div> 深圳市中科兴达科技有限公司<br/>SHENZHEN ZDT TECHNOLOGY CO., LTD</div> |        |  |                            | DRAWN BY |              | DATE       |                     |  |                                                                                                                             |  |                    |  |
| SEE THE PART NUMBER CODE                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                          |                                                                                                                                                     |        |  |                            | SAM      |              | 2020.11.09 |                     |  |                                                                                                                             |  |                    |  |
| QUALITY SYMBOL<br><div><br/><br/><br/><br/></div> | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |                                                                                                                                                     | TITLE  |  |                            |          | CHECKED BY   |            | DATE                |  |                                                                                                                             |  |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | x.xxxxx                                  |                                                                                                                                                     | + ---  |  | USB C F TYPE母座夹板0.8短体10.40 |          |              |            | JAY                 |  | 2020.11.09                                                                                                                  |  |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | x.xxx                                    |                                                                                                                                                     | + 0.10 |  | DWG.NO.                    |          | CF010-01     |            | SHEET NO.<br>2 OF 3 |  | APPROVED BY<br>JACKY                                                                                                        |  | DATE<br>2020.11.09 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | x.xx                                     |                                                                                                                                                     | + 0.25 |  |                            |          |              |            |                     |  |                                                                                                                             |  |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | x.x                                      |                                                                                                                                                     | + 0.30 |  | DIMENSION STYLE            |          | DESIGN UNITS |            | SCALE               |  | <div> THIRD ANGLE<br/>PROJECTION</div> |  |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ANGULI AR                                |                                                                                                                                                     | + --   |  | MM ONLY                    |          | METRIC       |            | 1:1                 |  |                                                                                                                             |  |                    |  |

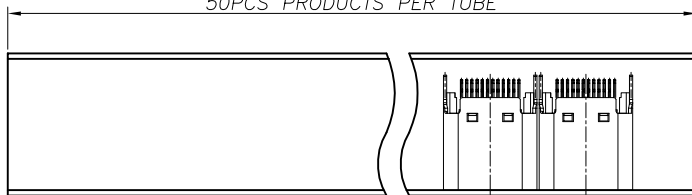
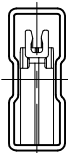
RoHS  
Compliant



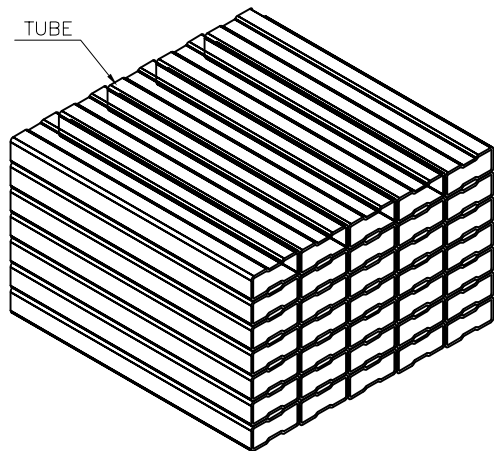
THIS DRAWING CONTAINS INFORMATION THAT IS  
PROPRIETARY TO ZDT TECHNOLOGY. AND SHOULD  
NOT BE USED WITHOUT WRITTEN PERMISSION

| REV | ECN No.    | DATE       | REMARK      |
|-----|------------|------------|-------------|
| A   | NEW        | 2016.04.14 | 新版发行        |
| B   | ECN1612001 | 2016.12.23 | 变更新料号       |
| C   | ECN1709005 | 2017.09.06 | 新增电镀15u规格   |
| D   | ECN1803005 | 2018.03.08 | 新增外壳镀金规格    |
| E   | ECN1805012 | 2018.05.29 | 镀金1u ==> 3u |
| F   | ECN1908008 | 2019.08.05 | 变更新图号       |
| G   | ECN2011005 | 2020.11.09 | 升级第三代产品     |

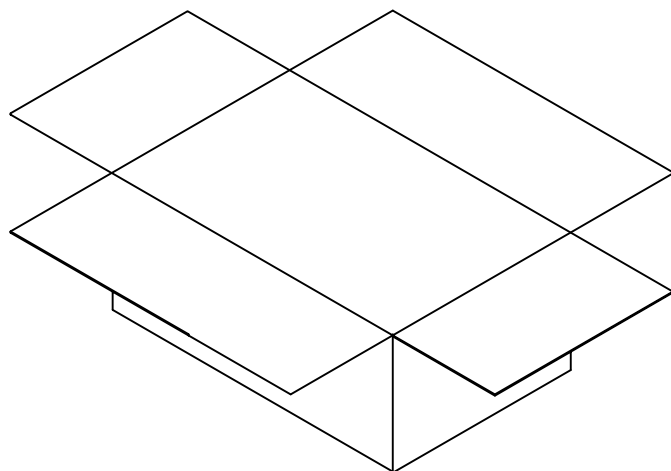
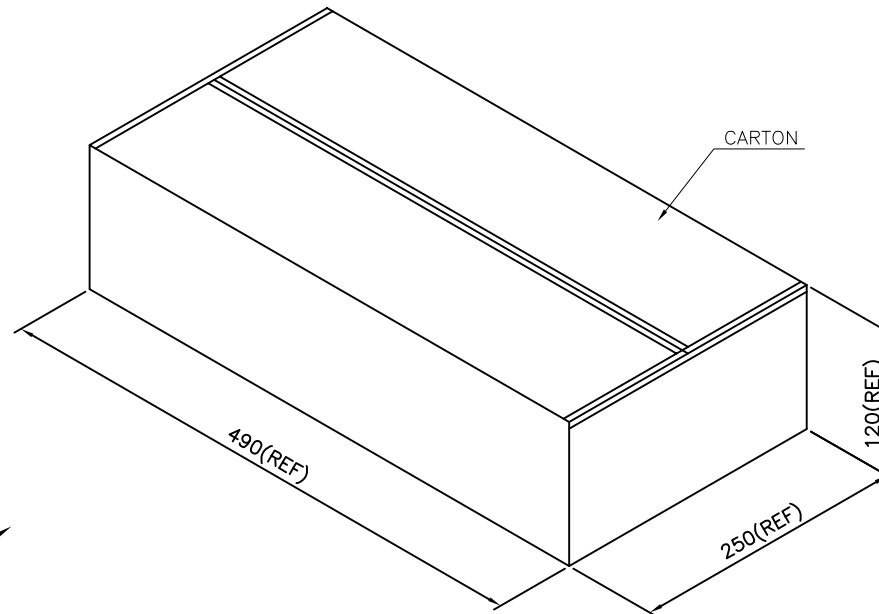
50PCS PRODUCTS PER TUBE



TUBE



CARTON



|                 | TUBE | CARTON |
|-----------------|------|--------|
| CONNECTOR (PCS) | 50   | 18000  |

PART NO.:  
SEE THE PART NUMBER CODE

**ZDT** 深圳市中科兴达科技有限公司  
SHENZHEN ZDT TECHNOLOGY CO., LTD

DRAWN BY  
SAM

DATE  
2020.11.09

QUALITY SYMBOL  
= 0  
= 0  
= 0

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|         |   |      |
|---------|---|------|
| x.xxxx  | ± | ---  |
| x.xxx   | ± | 0.10 |
| x.xx    | ± | 0.25 |
| x.x     | ± | 0.30 |
| ANGULAR | ± | ---  |

TITLE  
USB C F TYPE母座夹板0.8短体10.40

DWG.NO.  
CF010-01

SHEET NO.  
3 OF 3

DIMENSION STYLE  
MM ONLY

DESIGN UNITS  
METRIC

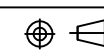
SCALE  
1:1

CHECKED BY  
JAY

DATE  
2020.11.09

APPROVED BY  
JACKY

DATE  
2020.11.09



THIRD ANGLE  
PROJECTION

frame size: A4