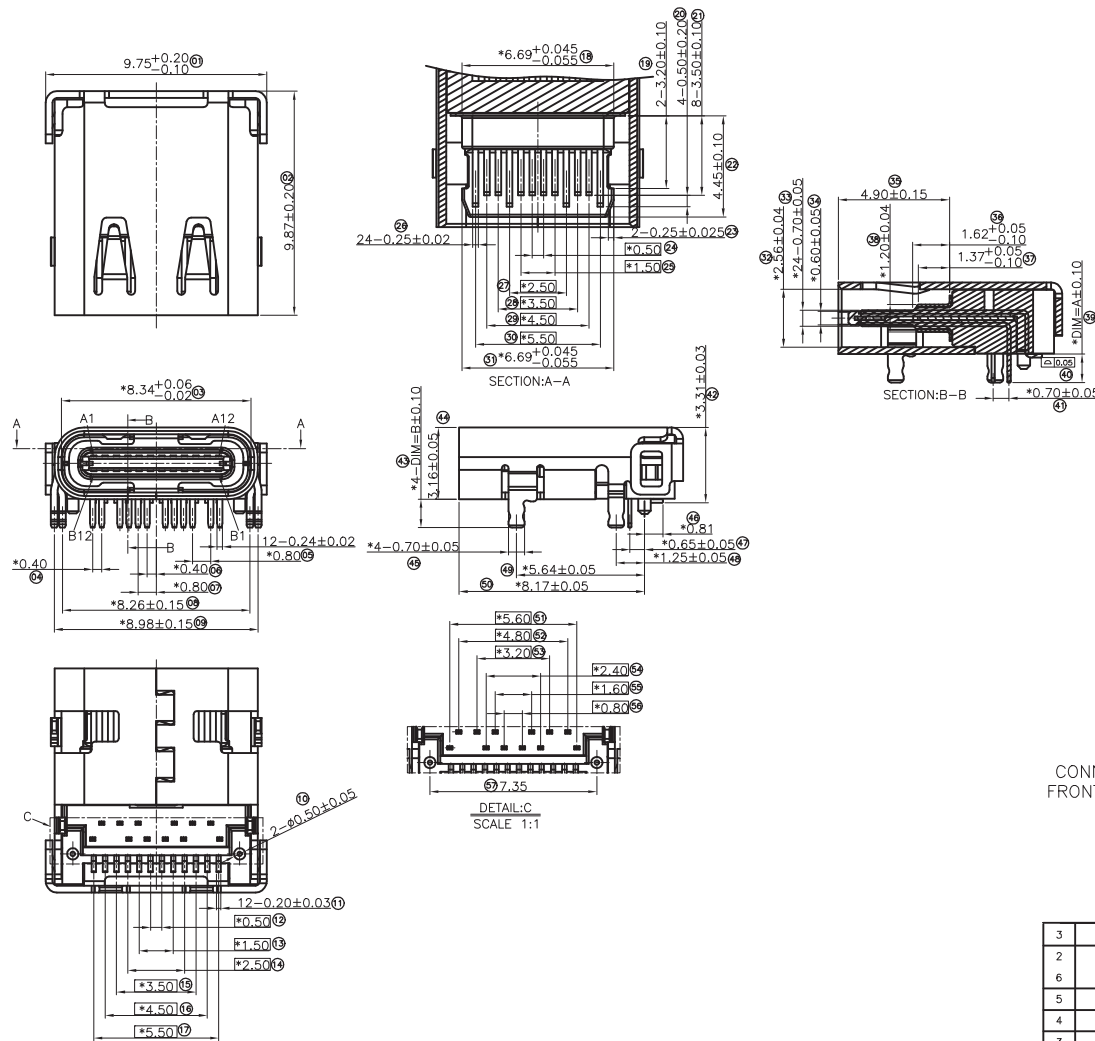


RoHS2.0+REACH



- NOTES:  
SPECIFICATION:
1. CURRENT RATING: 5A MAX
  2. VOLTAGE: 100 VAC
  3. TEMPERATURE RANGE: -30 °C ~ 85 °C
  4. CONTACT RESISTANCE: 40 MILLIONHM MAX
  5. INSULATION RESISTANCE: 100 MEGOHMS MIN.
  6. INSERTION FORCE : 5N~20N
  7. UNMATING FORCE: 8N~20N
  8. DURABILITY: 10,000 CYCLES
  9. DRAWINGS MARKED"⊗"FOR FAI DIMENSION.
  10. DRAWINGS MARKED"\*"FOR QIP DIMENSION.

| PIN | Signal Name | Description                                               | PIN | Signal Name | Description                                               |
|-----|-------------|-----------------------------------------------------------|-----|-------------|-----------------------------------------------------------|
| A1  | GND         | Ground return                                             | B12 | GND         | Ground return                                             |
| A2  | SSTXp1      | Positive half of first SuperSpeed TX differential pair    | B11 | SSRXp1      | Positive half of first SuperSpeed RX differential pair    |
| A3  | SSTXn1      | Negative half of first SuperSpeed TX differential pair    | B10 | SSRXn1      | Negative half of first SuperSpeed RX differential pair    |
| A4  | Vbus        | Bus Power                                                 | B9  | Vbus        | Bus Power                                                 |
| A5  | CC1         | Configuration Channel                                     | B8  | SBU2        | Sideband Use (SBU)                                        |
| A6  | Dp1         | Positive half of the USB 2.0 differential pair-Position 1 | B7  | Dn2         | Negative half of the USB 2.0 differential pair-Position 2 |
| A7  | Dn1         | Negative half of the USB 2.0 differential pair-Position 1 | B6  | Dp2         | Positive half of the USB 2.0 differential pair-Position 2 |
| A8  | SBU1        | Sideband Use (SBU)                                        | B5  | CC2         | Configuration Channel                                     |
| A9  | Vbus        | Bus Power                                                 | B4  | Vbus        | Bus Power                                                 |
| A10 | SSRXn2      | Negative half of second SuperSpeed RX differential pair   | B3  | SSTXn2      | Negative half of second SuperSpeed TX differential pair   |
| A11 | SSRXp2      | Positive half of second SuperSpeed RX differential pair   | B2  | SSTXp2      | Positive half of second SuperSpeed TX differential pair   |
| A12 | GND         | Ground return                                             | B1  | GND         | Ground return                                             |

CONNECTOR FRONT EDGE  
RECOMMENDED P.C.B. LAYOUT (T:1.00mm)  
TOLERANCE UNSPECIFIED ±0.05mm

|     |             |                                |                          |                                                                 |                                |
|-----|-------------|--------------------------------|--------------------------|-----------------------------------------------------------------|--------------------------------|
| 3   | CONTACT     | 外壳 000 L=0.80<br>端子 000 L=0.80 | COPPER ALLOY             | Contact area: ALL Gold G/F, terminal Contact area: ALL Gold 1u" | 1SET                           |
| 2   | CONTACT     |                                | COPPER ALLOY             | Contact area: ALL Gold G/F, terminal Contact area: ALL Gold 1u" | 1SET                           |
| 6   | 接地片         |                                | STAINLESS STEEL          | No Plated                                                       | 1PCS                           |
| 5   | 中壳片         |                                | STAINLESS STEEL          | No Plated                                                       | 1PCS                           |
| 4   | SHELL       |                                | STAINLESS STEEL          | Ni 50u" Plated                                                  | 1PCS                           |
| 3   | CONTACT     |                                | COPPER ALLOY             | Au, Sn SEE TABLE N150u" Plated                                  | 1SET                           |
| 2   | CONTACT     |                                |                          | COPPER ALLOY                                                    | Au, Sn SEE TABLE N150u" Plated |
| 1   | HOUSING     |                                | HIGH TEMPERATURE PLASTIC | BLACK                                                           | 1PCS                           |
| NO. | DESCRIPTION | 外壳/端子外壳                        | MATERIAL                 | REMARKS                                                         | QTY                            |

DRAWING:

Frank

CHECKED:

yangjie

APPROVAL:

GENERAL TOLERANCE

.X:=±0.30

.XX:=±0.25

.XXX:=±0.15

.X':=±2°

.XX':=±1°

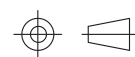
.XXX':=±0.5°

UNIT: MM

SCALE: 1:1

SHEET: 1/1

PROJECTION:



**CHIN-BAN**  
Electronic Technology

DESCRIPTION: USB C TYPE 24PIN母座前DIP后SMT, 后脚8.26mm

PART NO: USBC1-AF-053

OLD CODE:

DRAWING NO:

REV: 1.0

SIZE: A4