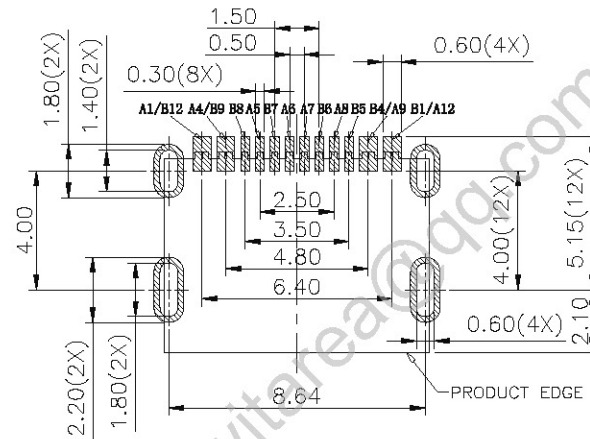
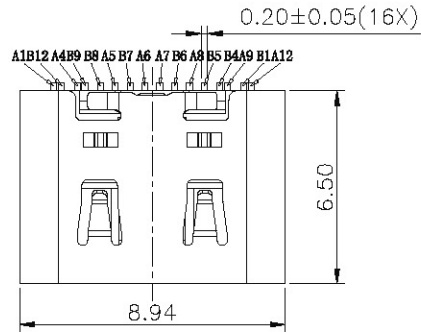


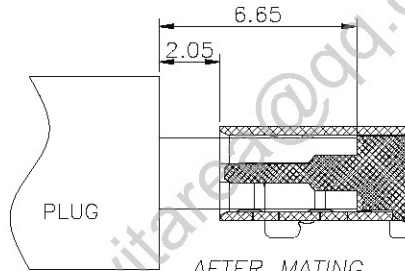
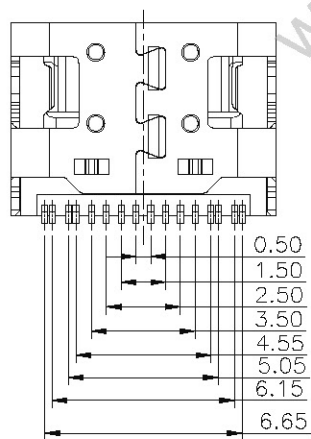
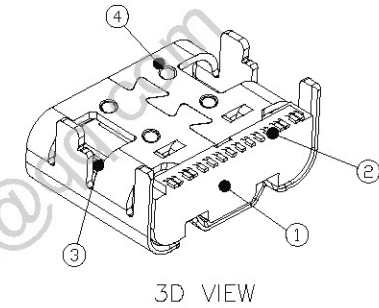
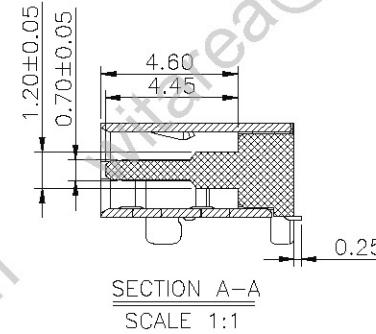
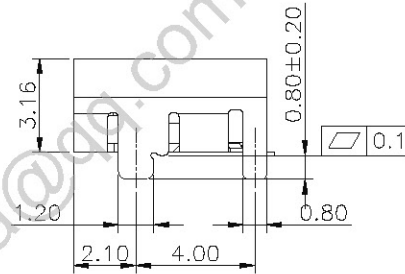
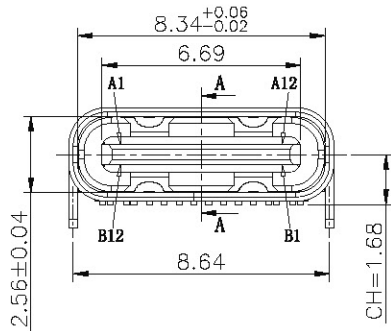
| REV | ECN No. | DATE       | REMARK      |
|-----|---------|------------|-------------|
| A   | NEW     | 2020.08.12 | NEW RELEASE |

NOTE:

- 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
- Mechanical Characteristics:
  - Insertion Force: 5~20N
  - Extraction Force: Initial: 8~20N  
After durability: 6~20N
  - Durability :10000 Cycles
- Operating Temperature: -25°C TO +85°C



RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 0.60MM;DEFAULT TOLERANCE:±0.05



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         |

TYPE:

| NO. | DESCRIPTION     | MATERIAL             | REMARKS                                                                                                                    | QTY  |
|-----|-----------------|----------------------|----------------------------------------------------------------------------------------------------------------------------|------|
| 4   | SHELL           | SUS304 1/2H T=0.30mm | NICKEL 50u" MIN PLATING                                                                                                    | 1PCS |
| 3   | SHIELDING PLATE | SUS301 3/4H T=0.15mm | ---                                                                                                                        | 1PCS |
| 2   | CONTACT         | C18400-H T=0.12mm    | NI 50u" MIN. UNDER PLATED OVER ALL.<br>Au 3u" PLATED ON THE FUNCTIONAL AREA OF CONTACT.<br>PLATING 10u" OF THE SOLDER AREA | 2SET |
| 1   | HOUSING         | LCP UL94V-0          | BLACK                                                                                                                      | 1PCS |
| NO. | DESCRIPTION     | MATERIAL             | REMARKS                                                                                                                    | QTY  |

PART NO.:  
SEE THE PART NUMBER CODE

深圳市纬域科技有限公司  
SHENZHEN WITAREA TECHNOLOGY CO.,LTD

DRAWN BY  
ANDY YANG

DATE  
2020.08.12

CHECKED BY  
JAMES XIAO

DATE  
2020.08.12

APPROVED BY  
JASON ZENG

DATE  
2020.08.12

TITLE  
TYPE C 2.0 16PIN RECEPTACLE , TOP-MOUNT,  
SINGLE ROW SMT, WITH SPRING, CH=1.68MM,L=6.5MM

DWG.NO.  
W0026-16-TM1-S5

DESIGN UNITS  
METRIC

SCALE  
1:1

THIRD ANGLE  
PROJECTION

frame size: A4