

| REVISIONS |         |          |                 |            |        |
|-----------|---------|----------|-----------------|------------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /          | /      |
| A1        | N/A     |          | 图面升级整理图面        | 2024.11.15 | 阿树     |

## 备注 NOTES:

## 1.材质 Material:

1.1胶芯 Plastic core: LCP UL94 V-0

1.2端子 Terminal: C2680,T=0.2mm; Nickel base,gold plated

1.3外壳 shell: SUS201-H; Nickel plated on the surface

## 2. ELECTRICAL CHARACTERISTIC:

2.1接触阻抗 Contact resistance: 40mΩ MAX,10mΩ variation is allowed. Test conditions: 20mV, measured at 100mA

2.2 Contact Current: 3A VBUS pin; 1.25A for GND pin; The other pins are 0.25A.

2.3 Rated voltage:5V

2.4 WITHSTANDING VOLTAGE: 100V AC

## 3. Mechanical properties

3-1Insulation resistance: 100MΩ MIN

3-2 INSERTION FORCE: 2.0kgf MAX

EXTRACTION FORCE:0.6kgf MIN

3-3 Service life: 5.000次

## 4. Operating temperature: -20℃~+85℃

## 5. Soldering heat:

The terminals are immersed in a tin bath at 250±5℃ It lasts for 3-5S±0.5Sec, and the tin area is more than 95%.

## 6. Appearance: The parts can withstand the following welding conditions:

The temperature is 250℃, the time is 8-10 seconds, and the appearance is not damaged and deformed

7.Packing: taping, 1500pcs per tray

U262-061N-4BVC10

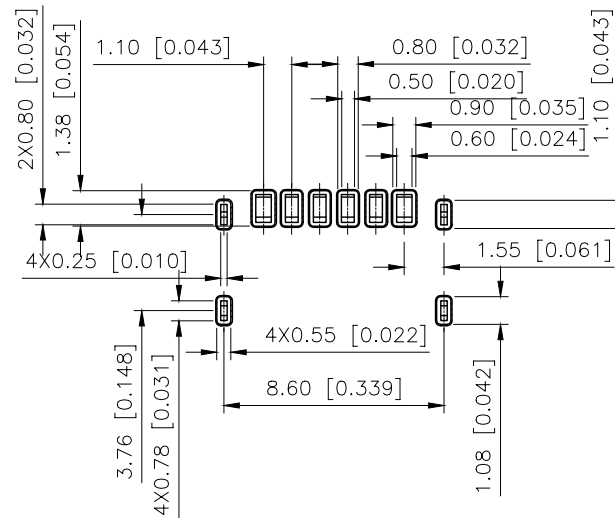
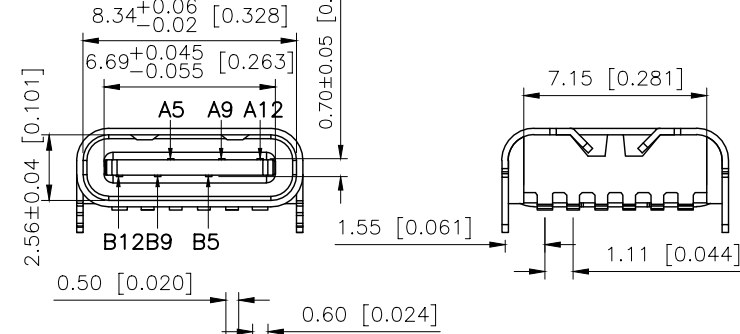
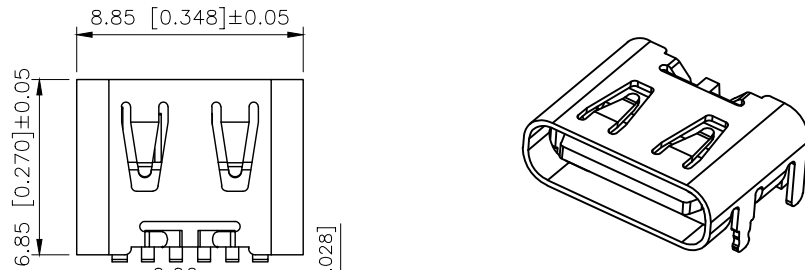
1:AU 0.8U''Min

2:AU 5U''Min

3:AU 10U''Min

|     |             |              |                                |     |
|-----|-------------|--------------|--------------------------------|-----|
| 4   | CAP         | LCP UL94 V-0 | BLACK                          | 1   |
| 3   | 1MD Housing | LCP UL94 V-0 | TIN/Au/NI Plated               | 1   |
| 2   | Contact     | C2680        | Tin80u''/Au1u''/NI301u''Plated | 6   |
| 1   | Shell       | ZINC ALLOY   | NI 30u''Min Plated             | 1   |
| NO. | DESCRIPTION | MATERIAL     | REMARKS                        | QTY |

|                                      |    |             |                                          |
|--------------------------------------|----|-------------|------------------------------------------|
| DESIGN                               | 阿树 | VIEW:       | MODEL TYPE:<br>USB TYPE C SMT-06PIN PLUG |
| CHECKED                              |    | UNIT: mm/in | PART NO.:<br>U262-061N-4BVC10            |
| APPROVED                             |    | SIZE: A4    | DWG NO.:<br>X-U262-061N-4BVC10           |
| XKB INDUSTRIAL PRECISION CO.,LIMITED |    |             | SCALE PAGE REVISION<br>N/A 1/1 A1        |

RECOMMENDED P.C.B LAYOUT  
TOLERANCE UNSPECIFIED ±0.05mm

| Pin Number | Signal Name | Pin Number | Signal Name |
|------------|-------------|------------|-------------|
|            |             | B12        | GND         |
|            |             | B9         | VBUS        |
| A5         | CC1         |            |             |
|            |             | B5         | CC2         |
| A9         | VBUS        |            |             |
| A12        | GND         |            |             |

|                        |       |
|------------------------|-------|
| AuGLAR                 | ±5°   |
| X.                     | ±0.40 |
| X.x                    | ±0.30 |
| X.xx                   | ±0.20 |
| X.xxx                  | ±0.15 |
| UNSPECIFIED TOLERANCES |       |

