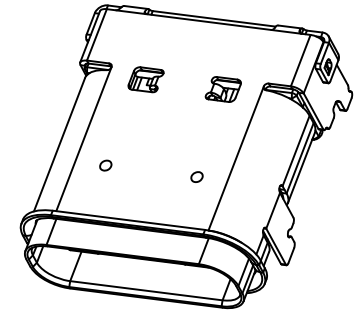
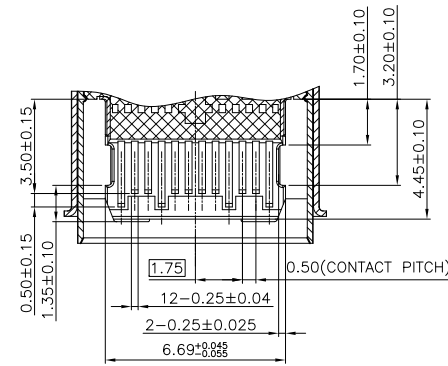
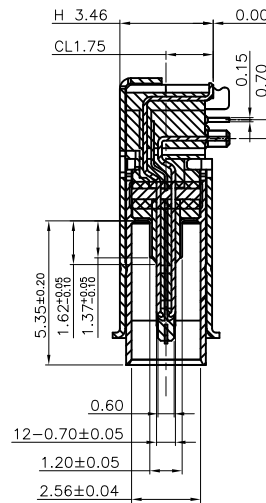
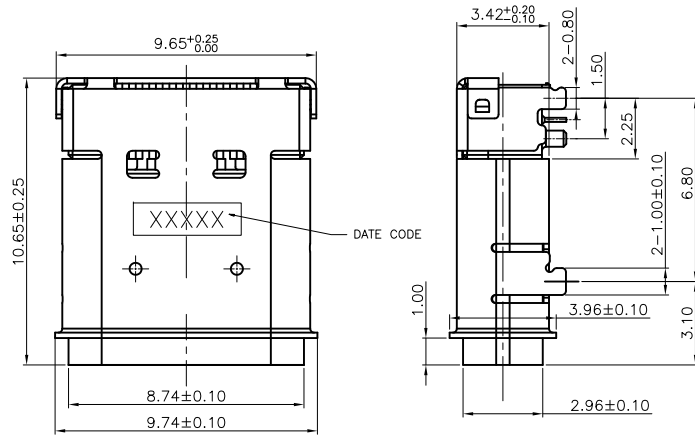


RoHS2.0&REACH Compliant

THE PART MEETS TECONN "GP001" COMPLIANCE NEW REV.



SECTION B-B

SECTION A-A

PART NO.:  
W10 24 K3-X-XX-R

Pin No. Packing:  
R: Reel  
Waterproofing Grade: Plating:  
A: IPX7 01:Gold Flash  
B: IP54 05:Au 05u" 10:Au 10u"  
15:Au 15u" 30:Au 30u"

NOTE:

1.MATERIAL:

- 1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0;
- 1.2 CONTACT: COPPER ALLOY(T=0.15mm)
- 1.3 SHELL:STAINLESS STEEL(T=0.20mm)

2.ELECTRICAL CHARACTERISTICS:

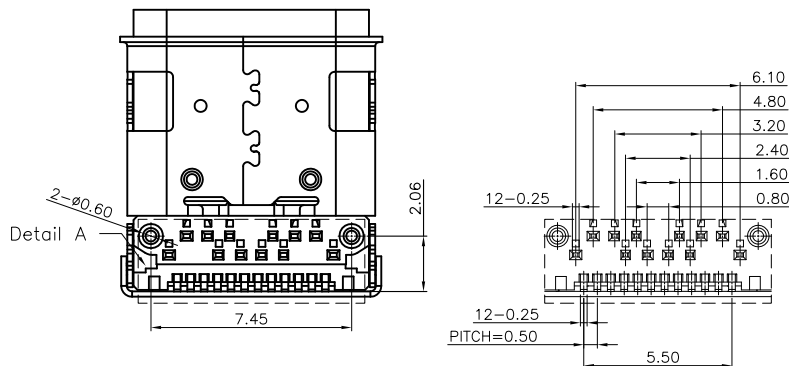
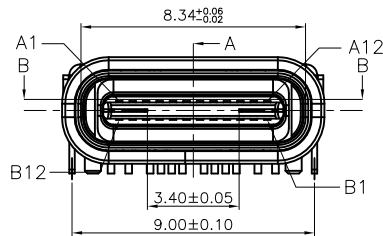
- 2.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
- 2.2 CONTACT CURRENT RATING: 5A FOR COLLECTIVELY POWER SUPPLY PIN(PINA1,A4,A9,A12,B1,B4,B9,B12); 1.25A FOR V<sub>CONN</sub> PIN; 0.25A FOR OTHER SIGNAL PIN.
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
- 2.4 INSULATION RESISTANCE 100MΩ Min
- 2.5 OPERATING TEMPERATURE: -40°C ~ 85°C

3 MECHANICAL CHARACTERISTICS:

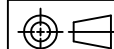
- 3.1 MATING FORCE: 5~20 N.
- 3.2 UNMATED FORCE: 6~20N AFTER TEST
- 3.3 DURABILITY: 10,000 CYCLES

4.PLATING

- 4.1 TERMINAL CONTACT: (SEE TAB) GOLD PLATING ALL OVER 50u" Min NICKEL AND 80u"Min Tin ALL OVER 50u" Min NICKEL ON SOLDER AREA
- 4.2 OUT SHELL: 50u" Min. NICKEL ALL OVER
- 4.3 INNER SHELL: DEGREASE



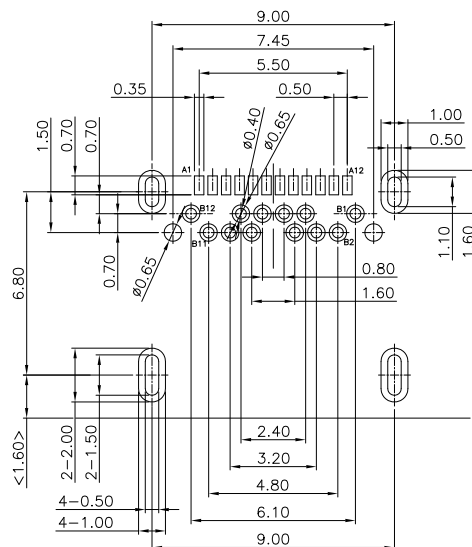
| Pin   | Signal Name      | Mating Sequence | Pin   | Signal Name      | Mating Sequence |
|-------|------------------|-----------------|-------|------------------|-----------------|
| A1    | GND              | First           | B12   | GND              | First           |
| A2    | SSTXp1           | Second          | B11   | SSRXp1           | Second          |
| A3    | SSTXn1           | Second          | B10   | SSRXn1           | Second          |
| A4    | V <sub>BUS</sub> | First           | B9    | V <sub>BUS</sub> | First           |
| A5    | CC1              | Second          | B8    | SBU2             | Second          |
| A6    | Dp1              | Second          | B7    | Dn2              | Second          |
| A7    | Dn1              | Second          | B6    | Dp2              | Second          |
| A8    | SBU1             | Second          | B5    | CC2              | Second          |
| A9    | V <sub>BUS</sub> | First           | B4    | V <sub>BUS</sub> | First           |
| A10   | SSRXn2           | Second          | B3    | SSTXn2           | Second          |
| A11   | SSRXp2           | Second          | B2    | SSTXp2           | Second          |
| A12   | GND              | First           | B1    | GND              | First           |
| SHELL | GND              |                 | SHELL | GND              |                 |

|                                                                                       |           |                          |                                                                                       |
|---------------------------------------------------------------------------------------|-----------|--------------------------|---------------------------------------------------------------------------------------|
| X. ± 0.35                                                                             | APPD:     | TITLE:                   |  |
| .X ± 0.25                                                                             | Henry Sun | USB C TYPE FEMALE        |                                                                                       |
| .XX ± 0.15                                                                            | CHKD:     | WATERPROOF DIP+SMT       |                                                                                       |
| .XXX±                                                                                 |           |                          |                                                                                       |
| X' ± 2'                                                                               | DR:       | PART NO:                 | W1024K3-X-XX-R                                                                        |
| .X' ± 1.5'                                                                            | Zhangjing | CUSTOMER DRAWING         |                                                                                       |
|  | UNITS: mm | SCALE: 1:1               | SHEET:10F2                                                                            |
|                                                                                       |           | DWG NO: C-W1024K3-X-XX-R | REV: A                                                                                |

|     |             |             |            |
|-----|-------------|-------------|------------|
| A   | TE2017-XXXX | New Drawing | 2017/11/22 |
| REV | ECN NO      | DESCRIPTION | DATE       |

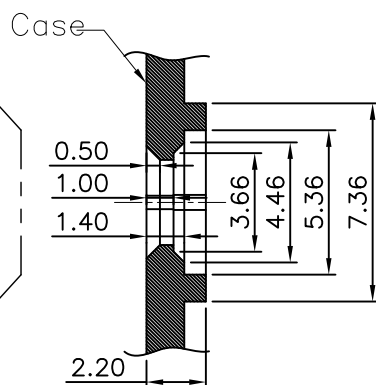
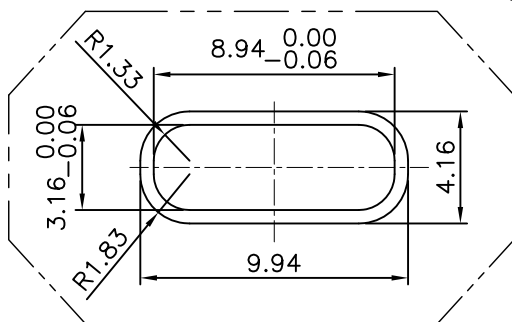
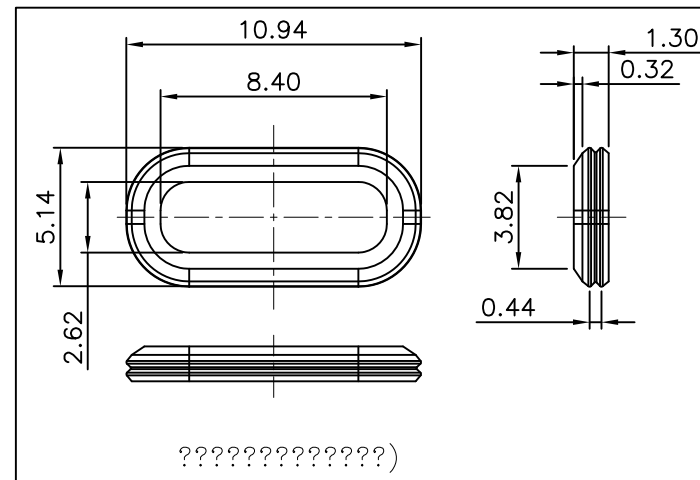
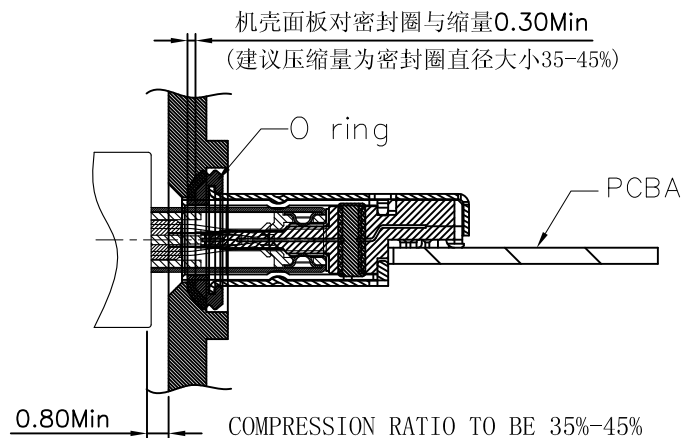
RoHS2.0&REACH Compliant

THE PART MEETS TECONN "GP001" COMPLIANCE NEW REV.



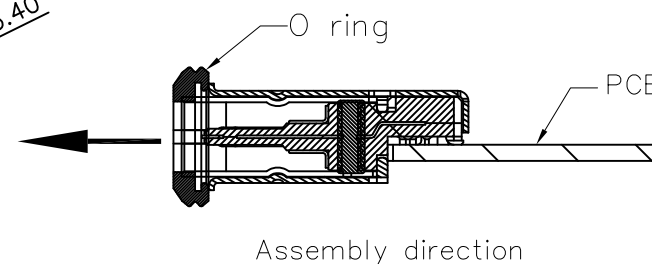
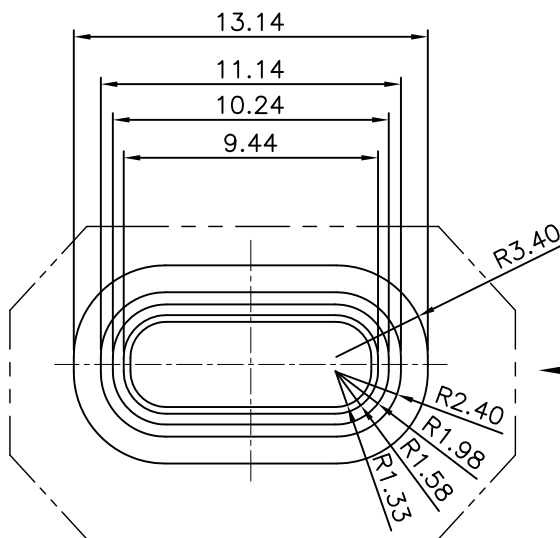
RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS  $\pm 0.05$   
KEEP OUT AREA



RECOMMENDED OPEN DIMENSION OF CASE

TOLERANCE:  $\pm 0.03\text{mm}$   
MATTING AREA WITH SEALING RING



|                |                 |                          |                                                                                       |
|----------------|-----------------|--------------------------|---------------------------------------------------------------------------------------|
| X. $\pm 0.35$  | APPD: Henry Sun | TITLE: USB C TYPE FEMALE |  |
| .X $\pm 0.25$  | CHKD:           | WATERPROOF DIP+SMT       |                                                                                       |
| .XX $\pm 0.15$ | DR: Zhangjing   | PART NO: W1024K3-X-XX-R  | 泰康电子<br>TECONN                                                                        |
| .XXX $\pm$     |                 | DWG NO: C-W1024K3-X-XX-R |                                                                                       |
| X' $\pm 2'$    | UNITS: mm       | SCALE: 1:1               | CUSTOMER DRAWING<br>SHEET: 20F2<br>REV: A                                             |
| .X' $\pm 1.5'$ |                 |                          |                                                                                       |

|     |             |             |            |
|-----|-------------|-------------|------------|
| A   | TE2017-XXXX | New Drawing | 2017/11/22 |
| REV | ECN NO      | DESCRIPTION | DATE       |