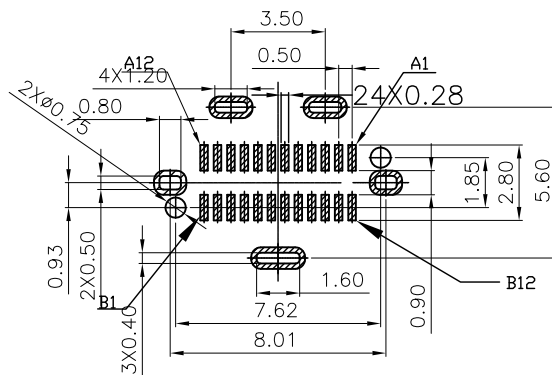
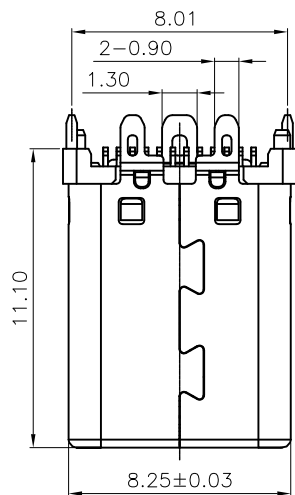
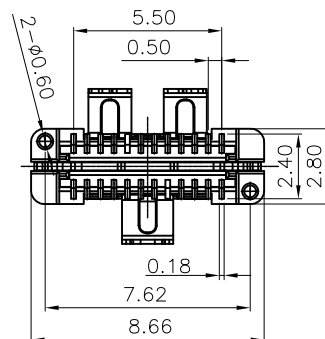
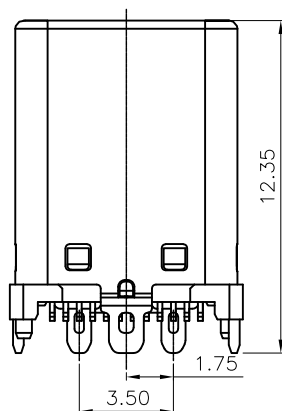
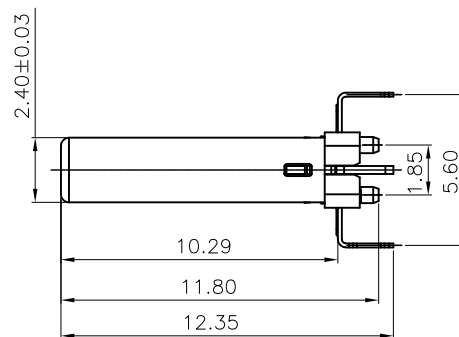
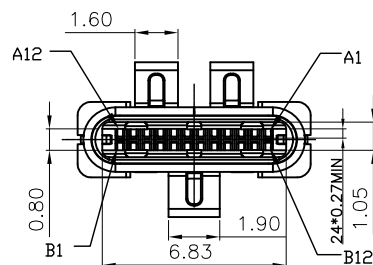




RECOMMENDED PCB LAYOUT( $t=0.80\pm0.05$ )  
COMPONENT SIDE(GENERAL TOLERANCE: $\pm0.05$ )



## NOTES: 1.MATERIAL:

MOLDING: LCP UL94 V-0

CONTACT: COPPER ALLOY.

GOLD PLATED ON CONTACT AREA, 100u"

Min TIN (LEAD FREE) ON SOLDER AREA,

SHELL: SUS304-H, T=0.30±0.03mm

50u" NICKEL PLATING OVER ALL.

SHIELD: SUS304-H, T=0.12±0.03mm

## 2.MECHANICAL:

INSERTION: 5~20N.

EXTRACTION: 8~20N.

DURABILITY: 10000 CYCLES

## 3.ELECTRICAL:

CURRENT: 5A MIN FOR VBUS;

0.25A MIN FOR OTHER.

VOLTAGE: 5VAC MAX

WITHSTANDING VOLTAGE: 100V AC.

CONTACT RESISTANCE: 40mΩ MAX.

INSULATION RESISTANCE: 100MΩ MIN.

## 4.ENVIRONMENTAL

TEMPERATURE RANGE -55°C ~ +85°C

| PIN         | A1  | A2     | A3     | A4   | A5  | A6  | A7  | A8   | A9   | A10    | A11    | A12 |
|-------------|-----|--------|--------|------|-----|-----|-----|------|------|--------|--------|-----|
| Signal Name | GND | SSTXp1 | SSTXn1 | Vbus | CC1 | Dp1 | Dn1 | RFU1 | Vbus | SSRXn2 | SSRXn2 | GND |
| PIN         | B12 | B11    | B10    | B9   | B8  | B7  | B6  | B5   | B4   | B3     | B2     | B1  |
| Signal Name | GND | SSTXp1 | SSTXn1 | Vbus | CC1 | Dp1 | Dn1 | RFU1 | Vbus | SSRXn2 | SSRXn2 | GND |



深圳市华宇创精密电子有限公司

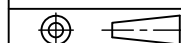
## TOLERANCE:

X.X ±0.30

X.XX ±0.25

X.XXX ±0.15

X' ±2" X.X' ±0.5"



UNIT: mm [inch]

SCALE: 1:1 SIZE: A4

## DRAWN BY :

陈一鸣

## DATE :

2014-02-23

## PART NAME:

USB TYPE C 3.1 公头直立式三支脚

## CHECKED BY:

马跃

## DATE :

2014-02-23

## PART NO.

HYCW105-USBC24-135B

## APPROVED BY:

邱国夷

## DATE :

2014-02-23

## DRAW NO:

HYC-USB171036114

## SHEET NO.

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