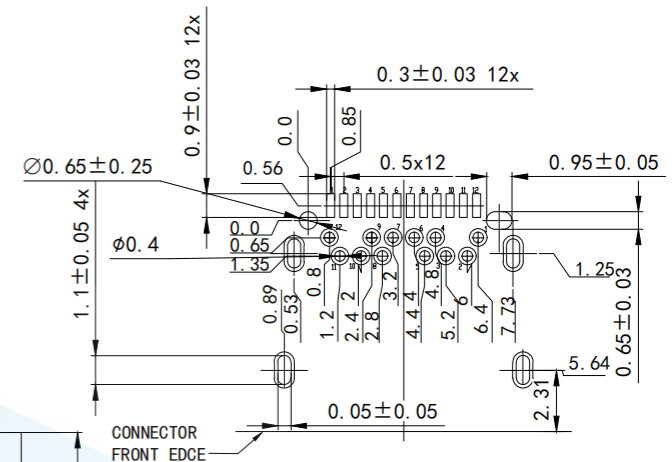
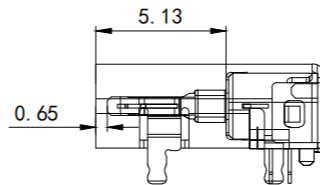
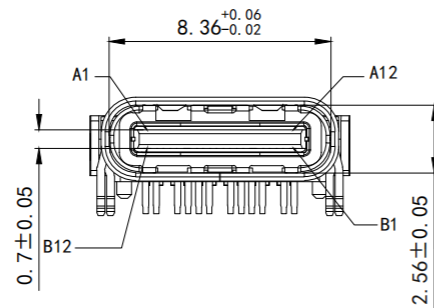
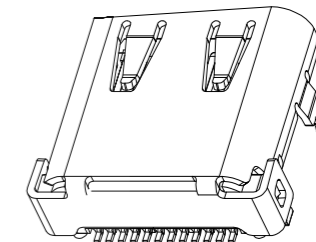
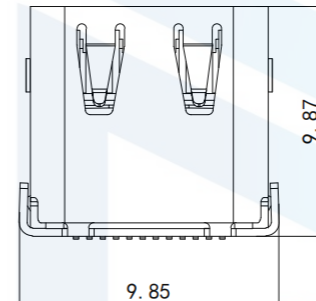
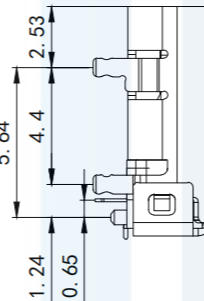
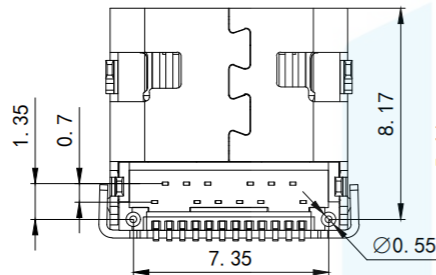


RoHS2.0  
Compliant

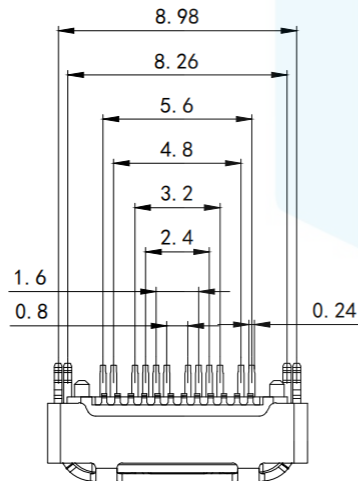
| Pin NO | Signal Name | Pin NO | Signal Name |
|--------|-------------|--------|-------------|
| A1     | GND         | B12    | GND         |
| A2     | SSTXP1      | B11    | SSTXP1      |
| A3     | SSTXn1      | B10    | SSTXn1      |
| A4     | VBUS        | B9     | VBUS        |
| A5     | CC1         | B8     | SBU1        |
| A6     | Dp1         | B7     | Dp2         |
| A7     | Dn1         | B6     | Dn2         |
| A8     | SBU1        | B5     | CC2         |
| A9     | VBUS        | B4     | VBUS        |
| A10    | SSTXn2      | B3     | SSTXn2      |
| A11    | SSTXP2      | B2     | SSTXP2      |
| A12    | GND         | B1     | GND         |
| SHELL  | GND         | SHELL  | GND         |



RECOMMENDED PCB LAYOUT (T:1MM)  
TOLERANCE UNSPECIFIED ±0.05mm



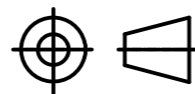
Remark:  
1. Material:  
1.1 Core: LCP+30%G.F UL94V-0  
1.2 Terminal: high conductivity copper C7025, T=0.15mm; NICKEL BOTTOM 50U"MIN, Gold plated in the contact area (Au1u) and gold plated G/F in the solder area  
1.3 Shell: SUS304, T=0.30mm; NICKEL PLATING ON THE SURFACE 50U"MIN  
1.4 Clip: SUS301, T=0.15mm;  
2. Main features:  
2.1 Rated current: 5A  
2.2 Contact Impedance: 40mΩ MAX (initial value) 50mΩ MAX (after test)  
2.3 INSULATION RESISTANCE: 100MΩ MIN  
2.4 Hipot test: 100V AC R.M.S  
2.6 Overall Insertion Force: 5-20N Overall Insertion Force: 5-20N (after durability) Overall Extraction Force: 8-20N Overall Extraction Force: 6-20N (after durability)  
2.7 Durability: 10000 times  
2.8 High temperature resistance: SMT reflow soldering (peak 260 ° + 5 ° ), plastic can not have blistering, melting glue and other defects, discoloration, warping deformation within the tolerance range: 2.9 The product must be soldered test, and the tin area should reach more than 95%;  
3.0 SALT SPRAY TEST: 48HMIN  
3.1 Working temperature: -30° C~+85° C



#### TOLERANCE

|        |       |
|--------|-------|
| X. XXX | ±0.05 |
| X. XX  | ±0.15 |
| X. X   | ±0.20 |
| X.     | ±0.30 |
| ANGLE  | ±5.0° |

#### PROTECTON



东莞市恒祺电子科技有限公司  
Dongguan Hengqi Electronic Technology Co., Ltd

<https://www.hq-dz.com>

phone:18124338518

#### TITLE:

TYPE C 24P板上前插后贴9.87  
短脚长1.15

PART NO:TYPE-C24P-BS086

DRAWING NO:9.87\*9.85\*2.56

DRAWN:

CHECKED:

APPROVED:

DATE: 18-10-08

DATE: 18-10-08

DATE: 18-10-08

UNIT:  
mm

SCALE:  
FULL

SIZE:  
A4