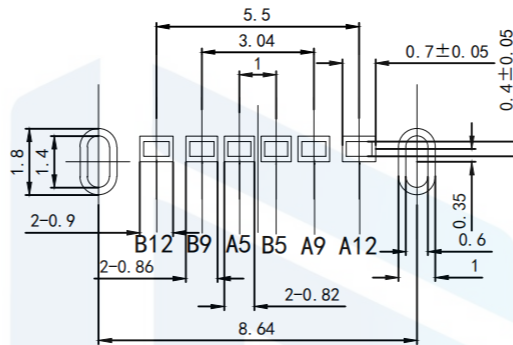
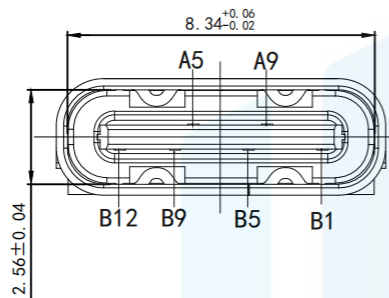
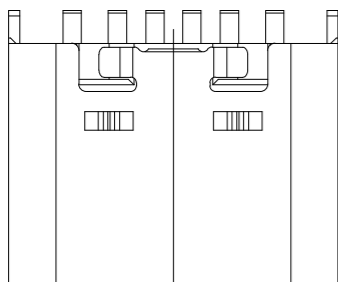
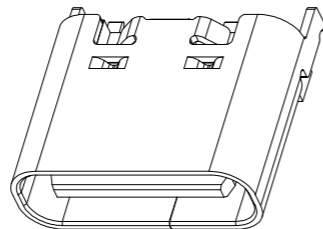
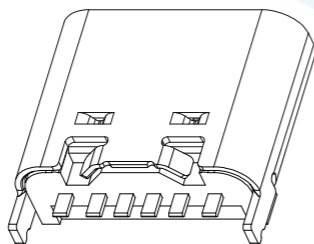
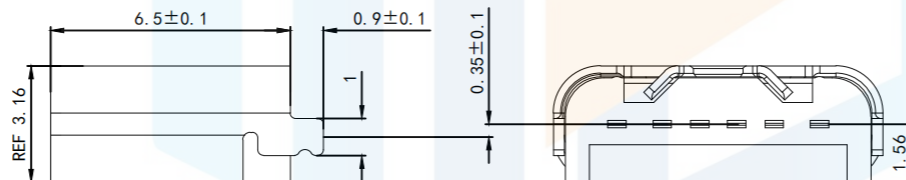


**RoHS2.0**  
Compliant



**RECOMMENDED PCB LAYOUT**  
TOLERANCE UNSPECIFIED ±0.05mm



**NOTE:**

- MATERIAL SPECIFICATION:**
  - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
  - CONTACTS: COPPER ALLOY
  - MID PLATE: STAINLESS STEEL
- PLATING SPECIFICATION:**
  - CONTACTS:
    - Ni 50" MIN. UNDER PLATED OVER ALL. AU PLATED ON THE FUNCTIONAL AREA OF CONTACT (GOLD PLATING THICKNESS FOLLOW THE P/N)
    - GOLD FLASH PLATING ON SOLDER AREA
  - FRONT SHELL:
    - Ni 30" MIN. UNDER PLATED OVER ALL
- MECHANICAL PERFORMANCE,**
  - INSERTION FORCE: 0.5~2.0kgf.
  - REMOVAL FORCE: 0.8kgf~2.0kgf.
  - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,**
  - CURRENT RATING: 5A  
VOLTAGE RATING: 20V
  - INSULATION RESISTANCE: 100MΩ MIN
  - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE
  - LOW CONTACT RESISTANCE: INITIAL 40M2AFTER 50M2
- ENVIRONMENTAL PERFORMANCE: OPERATING TEMPERATURE: -30°C~+80°C**
- IR REFLOW:**  
THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260C

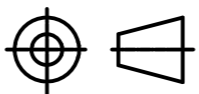
**PIN ASSIGNMENTS**

A5	CC1	B12	GND
A9	VBUS	B9	VBUS
		B5	CC2
		B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

**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: 15812872448

**TITLE:**  
TYPE C 6P立插L=6.5

**PART NO:** TYPE-C6P-LC1065

**DRAWING NO:** 8.34\*6.5\*3.16

**DRAWN:**

**DATE:** 18-10-08

**UNIT:**  
mm

**CHECKED:**

**DATE:** 18-10-08

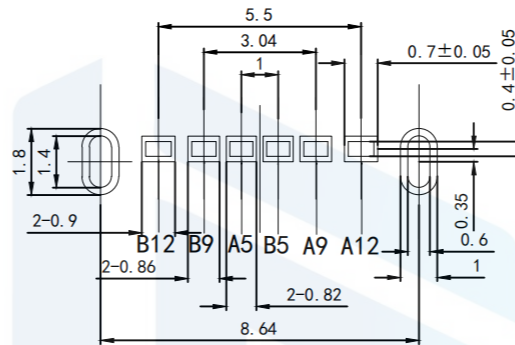
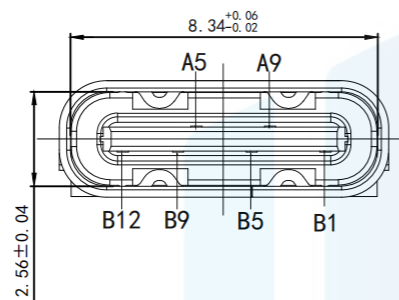
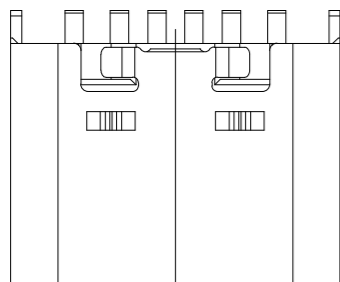
**SCALE:**  
FULL

**APPROVED:**

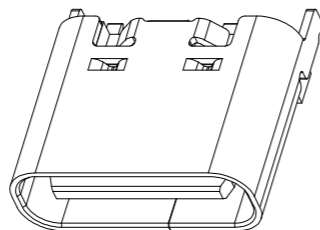
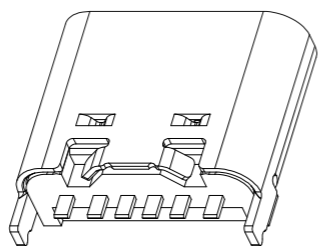
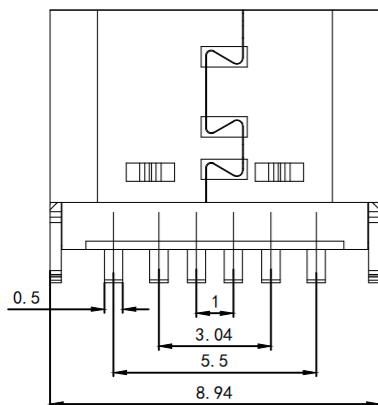
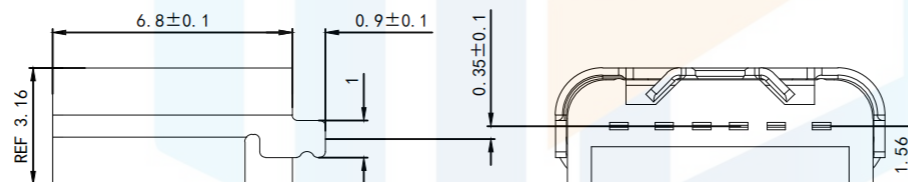
**DATE:** 18-10-08

**SIZE:**  
A4

RoHS2.0  
Compliant



RECOMMENDED PCB LAYOUT  
TOLERANCE UNSPECIFIED ±0.05mm



PIN ASSIGNMENTS

PIN	SIGNAL NAME	PIN	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
		B5	CC2
		B1	GND

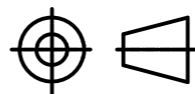
NOTE:

- MATERIAL SPECIFICATION:
  - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
  - CONTACTS: COPPER ALLOY
  - MID PLATE: STAINLESS STEEL
- PLATING SPECIFICATION:
  - CONTACTS:
    - Ni 50" MIN. UNDER PLATED OVER ALL. AU PLATED ON THE FUNCTIONAL AREA OF CONTACT (GOLD PLATING THICKNESS FOLLOW THE P/N)
    - GOLD FLASH PLATING ON SOLDER AREA
  - FRONT SHELL:
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- MECHANICAL PERFORMANCE,
  - INSERTION FORCE: 0.5~2.0kgf.
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  - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
  - CURRENT RATING: 5A  
VOLTAGE RATING: 20V
  - INSULATION RESISTANCE: 100MΩ MIN
  - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE
  - LOW CONTACT RESISTANCE: INITIAL 40M2AFTER 50M2
- ENVIRONMENTAL PERFORMANCE: OPERATING TEMPERATURE: -30°C~+80°C
- IR REFLOW: THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260C

TOLERANCE

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

PROTECTON



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Dongguan Hengqi Electronic Technology Co., Ltd

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

phone: 15812872448

TITLE:

TYPE C 6P立插L=6.8

PART NO: TYPE-C6P-LC1068

DRAWING NO: 8.34\*6.8\*3.16

DRAWN:

CHECKED:

APPROVED:

DATE:

DATE:

DATE:

18-10-08

18-10-08

18-10-08

UNIT:  
mm

SCALE:  
FULL

SIZE:  
A4