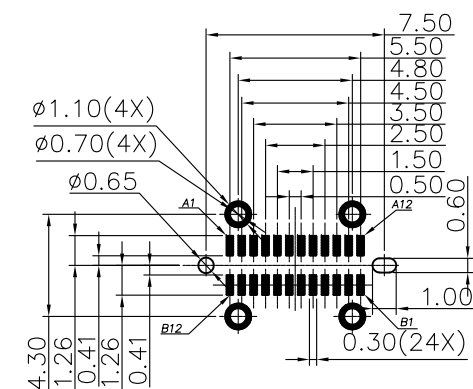
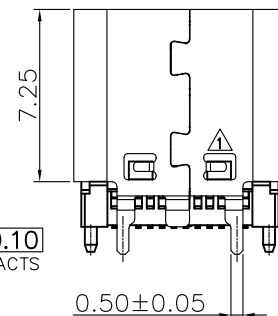
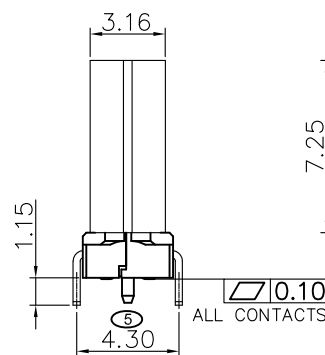
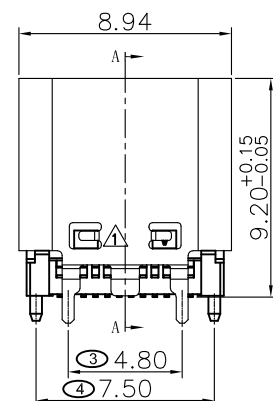
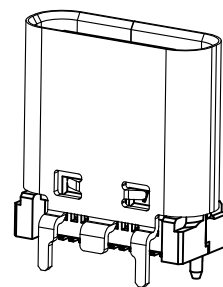
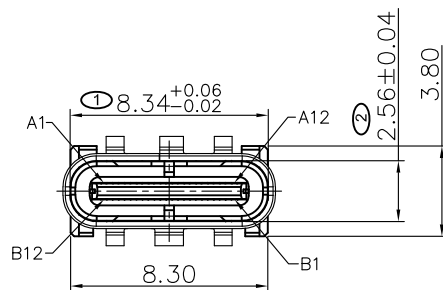
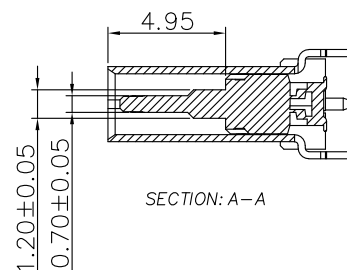
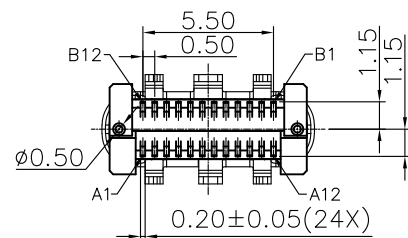




RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.0±0.10MM;DEFAULT TOLERANCE:±0.05



SECTION: A-A

NOTE:

1.MATERIAL SPECIFICATION:
1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0
2.TERMINAL: COPPER ALLOY
3.MID PLATE: STAINLESS STEEL(SUS301)
4.FRONT SHELL: STAINLESS STEEL(SUS304)
5.EMI PLATE: STAINLESS STEEL(SUS304)

2.PLATING SPECIFICATION:

TERMINAL:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.

3.MECHANICAL PERFORMANCE,

3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE

4-1. VOLTAGE RATING: 5 V DC/AC (RMS. max)
CURRENT RATING: 5 AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN, 0.25 AMPS. FOR ALL OTHER CC

4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ

4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$

※ SIGN “X” IS IMPORTANCE DIMENSION

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	Vbus	B9	Vbus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

KEm 奇速科技有限公司
Qi-Speed Technology CO., LTD.

產品名稱:
PRODUCT NAME

TYPE-C SMT 直立式母座

單位：mm 

DRAWING

設計

DESIGNED

审核

CHECKED BY	APPROVAL BY
------------	-------------

料號: KUSBC009-F001

PART NUMBER

公差：	X.	± 0.35
	.X	± 0.35
	.XX	± 0.25

JOHNY

JOHNY

LUKE

JAMES

圖號: KUSBC009-F001-1
DRAWING NO

版本: REV. 1

日期：2020/3/21

REV.1	優化外殼與膠芯卡點止推力	2023/4/8
版本	修改事項	修改日期