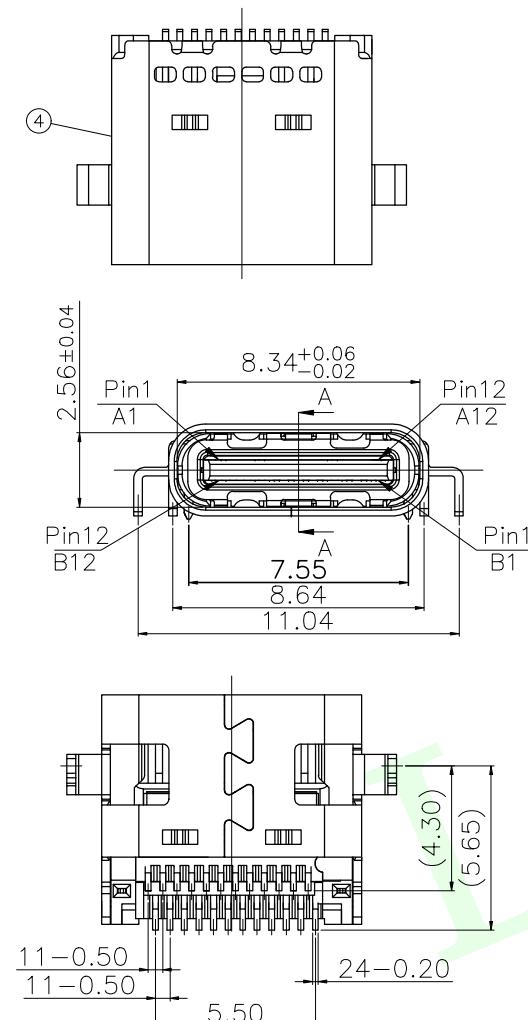
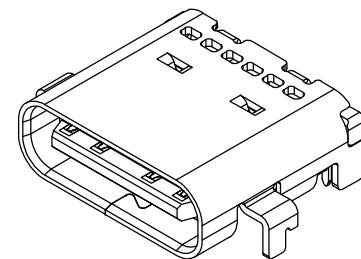
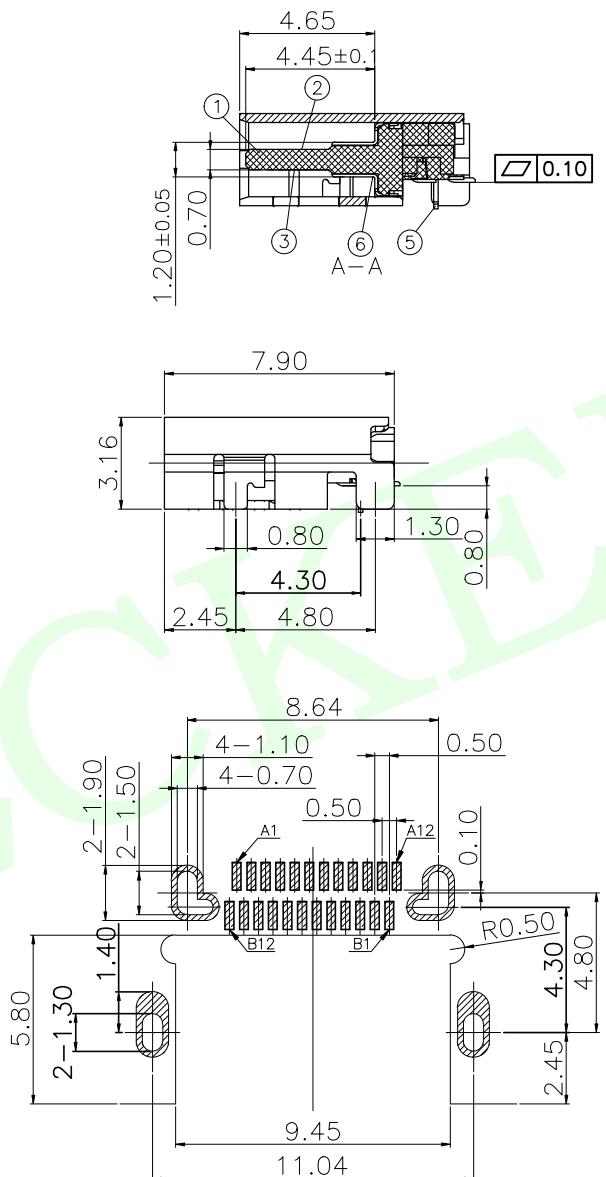


RoHS Compliant



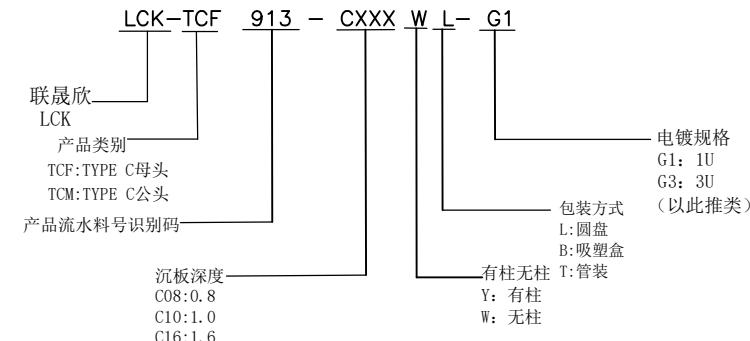
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TXp1	B11	RXp1
A3	RXn1	B10	RXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RXn2	B3	TXn2
A11	RXP2	B2	TXP2
A12	GND	B1	GND



NOTES:

- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 5N~20N.
 - REMOVAL FORCE: 5N~20N.
 - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - CURRENT RATING: 5.0A
 - LLCR: VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX. SHIELD: 50mΩ/MAX.
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -25°C~+85°C.

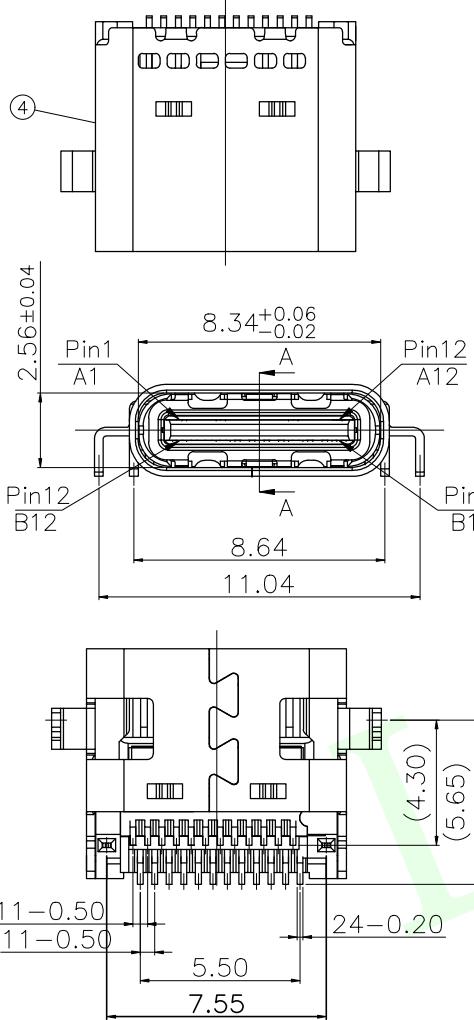


NO.	PART NAME	QTY.	MATERIAL	REMARK
⑥	EMI PLATE	1 PCS	STAINLESS STEEL T=0.10	
⑤	MID PLATE	1 PCS	STAINLESS STEEL T=0.15	Soldering Plating: Sn
④	SHELL	1 PCS	STAINLESS STEEL T=0.3	Ni
③	TERMINAL 2(12Pin)	1SET	COPPER ALLOY T=0.15	Under Plating: Ni
②	TERMINAL 1(12Pin)	1SET	COPPER ALLOY T=0.15	Contact Plating: Au
①	HOUSING	1 PCS	HIGH TEMP.THERMOPLASTIC UL94V-0	Soldering Plating: Au
QUADRANT POINT	TP	INTERSECTION POINT	IP	
UNLESS OTHERWISE SPECIFIED, TOLERANCE:				
X.	±0.25			
X.x	±0.20			
X.xx	±0.15			
ANGULAR	±3°			
DESIGN	Andy	DATE	2014.12.24	TITLE: USB C F TYPE C 24PIN 双排沉板 0.8/1.0/1.6
CHECKED		DATE		
APPROVED		DATE		
PART NO: LCK-TCF913-CXXXWL-G1	REV: 04	SCALE: 1:1	UNIT: mm	
DRAWING NO:	SIZE: A4	SHEET: 1/1		

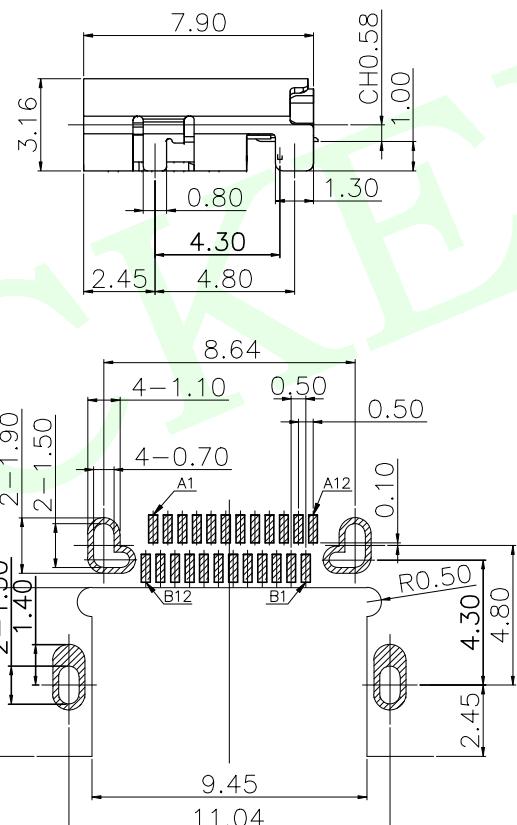
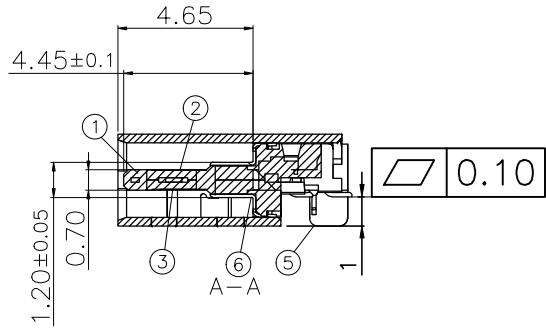


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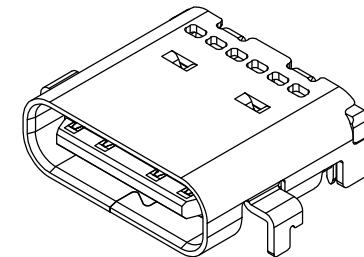
RoHS Compliant



USB TYPE-C PIN ASSIGNMENTS	
PIN NUMBER	SIGNAL NAME
A1	GND
A2	TXp1
A3	TXn1
A4	VBUS
A5	CC1
A6	Dp1
A7	Dn1
A8	SBU1
A9	VBUS
A10	RXn2
A11	RXP2
A12	GND
PIN NUMBER	SIGNAL NAME
B12	GND
B11	RXP1
B10	RXn1
B9	VBUS
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	VBUS
B3	TXn2
B2	RXP2
B1	GND

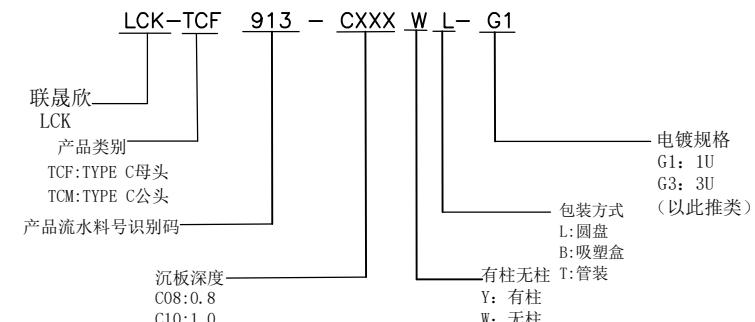


RECOMMENDED P.C.B. LAYOUT



NOTES:

- 1.MECHANICAL PERFORMANCE,
 - 1-1.INSERTION FORCE: 5N~20N.
 - 1-2.REMOVAL FORCE: 5N~20N.
 - 1-3.DURABILITY: 10000 CYCLES.
 - 2.ELECTRICAL PERFORMANCE,
 - 2-1. CURRENT RATING: 5.0A
 - 2-2. LLCR: VBUS & GND PINS AND OTHER PINS: $40m\Omega$ /PIN MAX.SHIELD: $50m\Omega$ /MAX.
 - 2-3.INSULATION RESISTANCE: $100M\Omega$ MIN
 - 2-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
 - 3.ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: $-25^\circ\text{C} \sim +85^\circ\text{C}$.

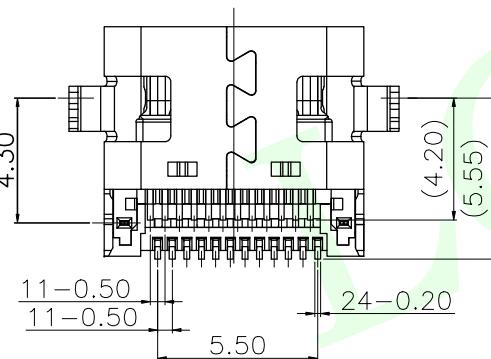
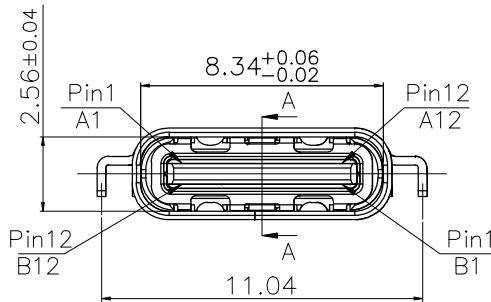
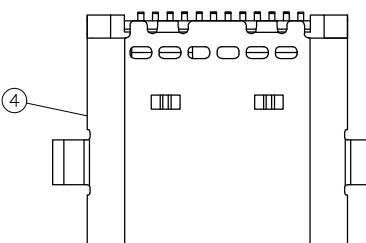


⑥	EMI PLATE	1 PCS	STAINLESS STEEL T=0.10	
⑤	MID PLATE	1 PCS	STAINLESS STEEL T=0.15	Soldering Plating: Sn
④	SHELL	1 PCS	STAINLESS STEEL T=0.3	Ni
③	TERMINAL 2(12Pin)	1SET	COPPER ALLOY T=0.15	Under Plating: Ni Contact Plating: Au
②	TERMINAL 1(12Pin)	1SET	COPPER ALLOY T=0.15	Soldering Plating: Au
①	HOUSING	1 PCS	HIGH TEMP.THERMOPLASTIC UL94V-0	See item No
NO	PART NAME	CTV	MATERIAL	REMARK

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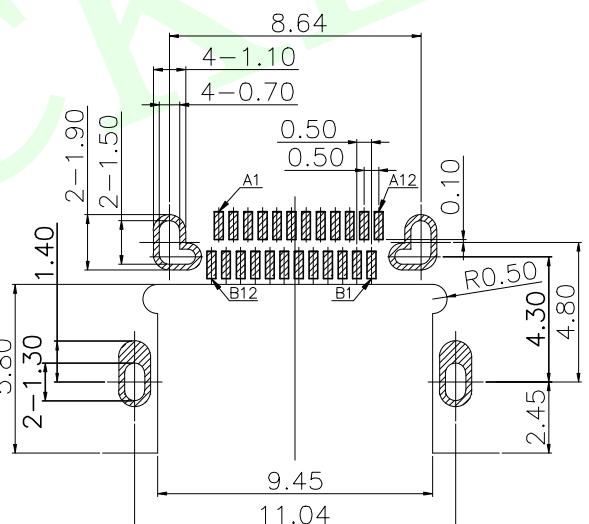
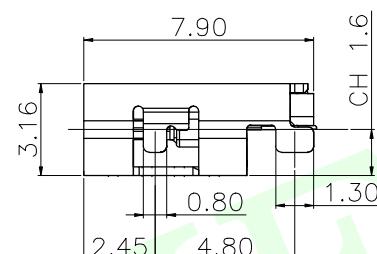
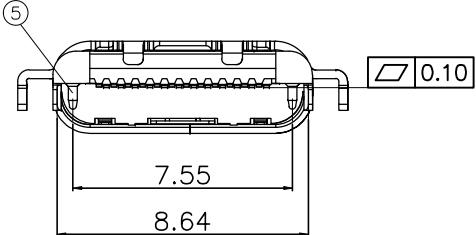
INTERSECTION POINT		IP					
UNLESS OTHERWISE SPECIFIED, TOLERANCE:		DESIGN	Andy	DATE	2014.12.24	TITLE:	USB C F TYPE C 24PIN
X.	±0.25	CHECKED		DATE		双排沉板0.8/1.0/1.6	
X.x	±0.20	APPROVED		DATE			
X.xx	±0.15	PART NO:	LCK-TCF913-CXXXWL-G1	REV:	04	SCALE:	1:1
ANGULAR	±3°	DRAWING NO:		SIZE:	A4	SHEET:	1/1

RoHS Compliant

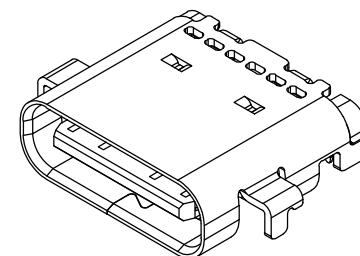
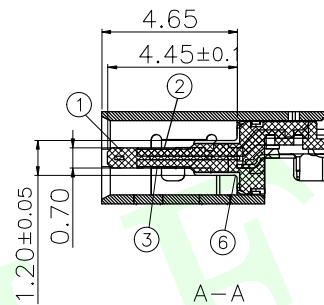


USB TYPE-C PIN ASSIGNMENTS	
PIN NUMBER	SIGNAL NAME
A1	GND
A2	TXp1
A3	TXn1
A4	VBUS
A5	CC1
A6	Dp1
A7	Dn1
A8	SBU1
A9	VBUS
A10	RXn2
A11	RXp2
A12	GND

PIN NUMBER	SIGNAL NAME
B12	GND
B11	RXP1
B10	RXn1
B9	VBUS
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	VBUS
B3	TXn2
B2	TXp2
B1	GND

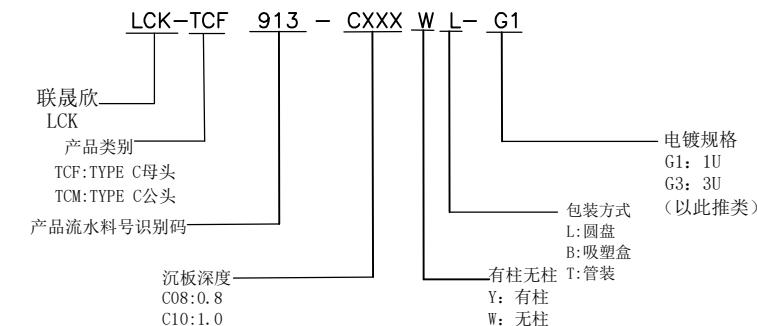


RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$



NOTES:

- 1.MECHANICAL PERFORMANCE,
 - 1–1.INSERTION FORCE: 5N~20N.
 - 1–2.REMOVAL FORCE: 5N~20N.
 - 1–3.DURABILITY: 10000 CYCLES.
 - 2.ELECTRICAL PERFORMANCE,
 - 2–1. CURRENT RATING: 5.0A
 - 2–2. LLCR: VBUS & GND PINS AND OTHER PINS: $40m\Omega/PIN$ MAX.SHIELD: $50m\Omega/MAX$.
 - 2–3. INSULATION RESISTANCE: $100M\Omega$ MIN
 - 2–4. DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
 - 3.ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE: $-25^\circ C \sim +85^\circ C$.



⑥	EMI PLATE	1 PCS	STAINLESS STEEL T=0.10	
⑤	MID PLATE	1 PCS	STAINLESS STEEL T=0.12	Soldering Plating: Sn
④	SHELL	1 PCS	STAINLESS STEEL T=0.3	Ni
③	TERMINAL 2(12Pin)	1SET	COPPER ALLOY T=0.12	Under Plating: Ni Contact Plating: Au
②	TERMINAL 1(12Pin)	1SET	COPPER ALLOY T=0.12	Soldering Plating: Au
①	HOUSING	1 PCS	HIGH TEMP.THERMOPLASTIC UL94V-0	See item No
NO	PART NAME	QTY	MATERIAL	REMARK

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INTERSECTION POINT (IP)		DESIGN AND DRAWING INFORMATION				
UNLESS OTHERWISE SPECIFIED, TOLERANCE:		DESIGN	Andy	DATE	2014.12.24	TITLE: USB C F TYPE C 24PIN 双排沉板 0.8/1.0/1.6
X.	±0.25	CHECKED		DATE		
X.x	±0.20	APPROVED		DATE		
X.xx	±0.15	PART NO: LCK-TCF913-CXXXWL-G1		REV: 04	SCALE: 1:1	UNIT: mm
ANGULAR	±3°	DRAWING NO:		SIZE: A4	SHEET: 1/1	◎