



## RECOMMENDED P.C.B LAYOUT

### 1.MATERIAL:

- 1.1 HOUSING:LCP,UL94V-0;COLOR:BLACK
- 1.2 MOLDING:LCP,UL94V-0;COLOR:BLACK
- 1.3 CONTACT:C7025, T=0.2mm
- 1.4 SHELL:SUS. T=0.15mm
- 1.5 LATCH:SUS. T=0.40mm
- 1.6 EMI SPRING:SUS. T=0.08mm

### 2.FINISH

- 2.1 CONTACT:GOLD FLASH PLATED IN CONTACT AREA; TIN PLATED IN SOLDER AREA AND NICKEL UNDERPLATED OVERALL.
- 2.2 SHELL:NICKEL PLATED OVERALL.
- 2.3 LATCH:NICKEL PLATED OVERALL.

### 3.NOTES:

- 3.1. RATING: 3.0A
- 3.2. TEMPERATURE RANGE:  $-20\text{ }^{\circ}\text{C} \sim 85\text{ }^{\circ}\text{C}$
- 3.3. INSERTION FORCE : 5N~20N
- 3.4. UNMATING FORCE: 6N~20N
- 3.5. DURABILITY: 10,000 CYCLES

A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1
GND	RX2+	RX2-	VBUS	SBU1	D-	D+	CC	VBUS	TX1-	TX1+	GND
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
GND	TX2+	TX2-	VBUS	VCONN	D+	D-	SBU2	VBUS	RX1-	RX1+	GND

APPROVALS		DATE				
DRAWN	LIUCAN	2022.8.16				
CHECKED			TITLE:	USB CONNECTOR		
APPROVALS			PART NO.	TYPE-C-31-G-01		
TOLERANCES ARE	30~以上	$\pm 0.30$	ANGLE	UNIT: mm	SCALE: 1:1	PROJ:
	10~30	$\pm 0.25$				
	5~10	$\pm 0.20$				
	~ 5	$\pm 0.15$	$\pm 2^{\circ}$	DRAWING NO.		SHEET 1 OF 1

_____	A	_____	NEW	_____	_____	_____
ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.