



RECOMMENDED P.C.B LAYOUT

- 1. MATERIAL:**
- 1.1 HOUSING: LCP; COLOR: BLACK
 - 1.2 MOLDING: LCP; 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: $-20^{\circ}\text{C} \sim 85^{\circ}\text{C}$
 - 3.3. INSERTION FORCE: $5\text{N} \sim 20\text{N}$
 - 3.4. UNMATING FORCE: $6\text{N} \sim 20\text{N}$
 - 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	 ELECTRONICS CO.,LTD			
DRAWN	LIUCAN	2022.8.16				
CHECKED			TITLE:	USB CONNECTOR		
APPROVALS			PART NO.	TYPE-C-31-G-01		
TOLERANCES ARE	30~以上	± 0.30	ANGLE	UNIT: mm	SCALE: 1:1	PROJ:
	10~30	± 0.25				
	5~10	± 0.20				
	~ 5	± 0.15	$\pm 2'$	DRAWING NO.		SHEET 1 OF 1

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