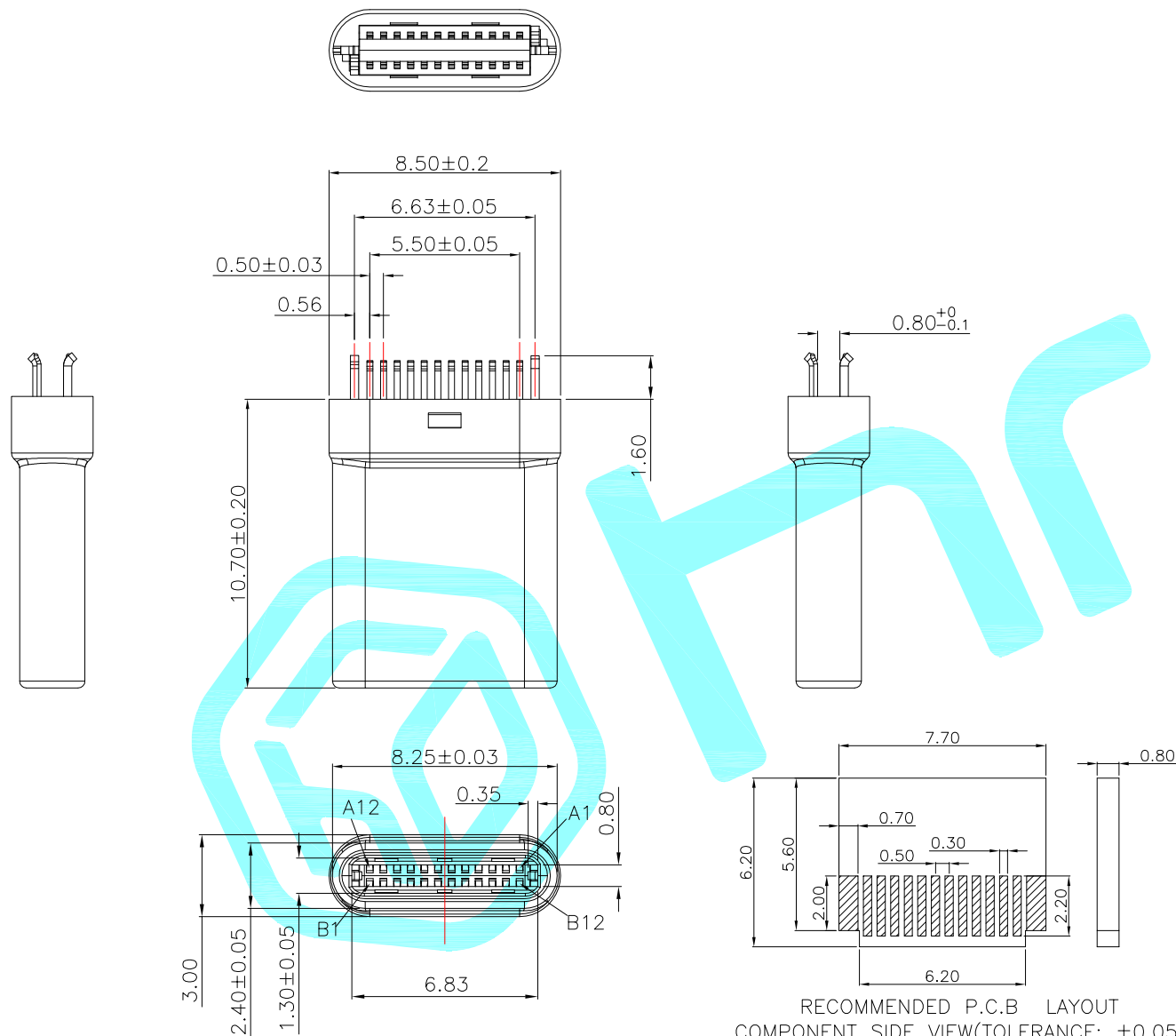




NOTES:

1.ELECTRICAL CHARACTERISTICS:

- 1.1 Contact current rating:
3.0A for Vbus pin and its corresponding GND pin.
0.25A min for all other contact.

- 1.2 Contact resistance:
40 Milliohms Max for Vbus and GND contact.
50 Milliohms Max for all other contact.

- 1.3 Dielectric withstanding voltage: 100V AC Min.

- 1.4 Insulation resistance: 100 Megohms Min.

2.MECHANICAL CHARACTERISTICS:

- 2.1 Connector insertion force: 5~20N.
At a maximum rate of 12.5mm per second.
- 2.2 Connector extraction force: 8~20N.
At a maximum rate of 12.5mm per second.
- 2.3 Operating temperature: $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$.

3.MATERIAL:

- 3.1 HOUSING: LCP+ 30% G.F, UL94V-0 COLOR: BLACK;
- 3.2 TERMINAL: COPPER ALLOY, THICKNESS=0.15mm;
- 3.3 SHELL: STEEL ALLOY, THICKNESS=0.15mm;
- 3.4 SHIELD CONTACT: STEEL ALLOY, THICKNESS=0.30mm.

4.THE CONNECTOR IS ROHS COMPLAINT

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

RECOMMENDED P.C.B LAYOUT
COMPONENT SIDE VIEW(TOLERANCE: ± 0.05)

APPROVALS			DATE				
DRAWN		LIUCAN	2021.7.24				
CHECKED					TITLE:	USB CONNECTOR	
APPROVALS					PART NO.	TYPE-C-31-G-02	
TOLERANCES ARE		30~以上	±0.30	ANGLE	UNIT: mm	SCALE: 1:1	PROJ: 
		10~30	±0.20				
		5~10	±0.15				
		~ 5	±0.10				
			±2'	DRAWING NO.	_____	SHEET 1 OF	