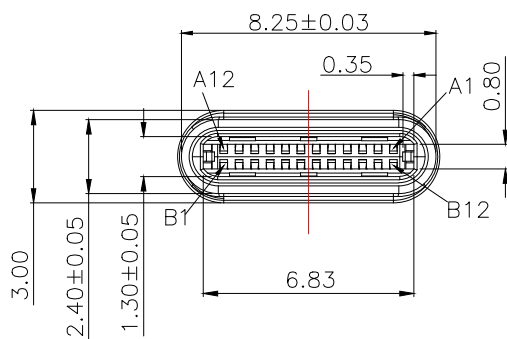
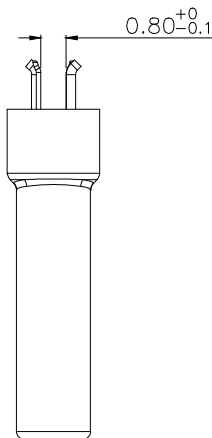
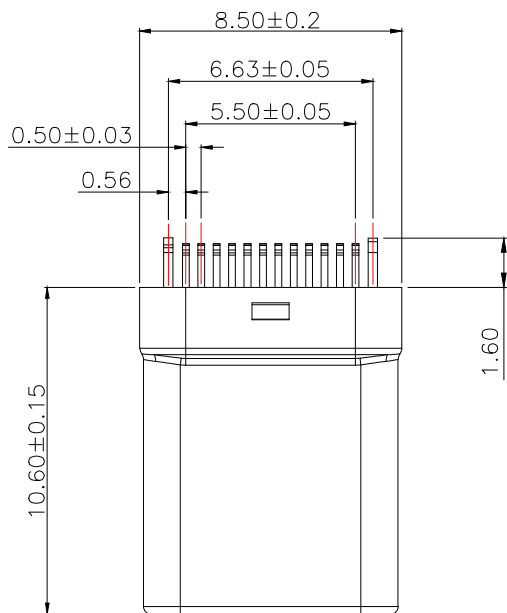
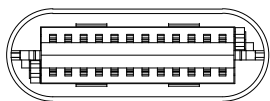


RECOMMENDED P.C.B LAYOUT
COMPONENT SIDE VIEW(TOLERANCE: ±0.05)

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:-55C~+85C.

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			SBU2	VBUS	RX1-	RX1+	GND
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12

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

APPROVALS		DATE	LCZY ELECTRONICS(SHEN ZHEN)CO.,LTD			
DRAWN	S.L.L	2019.10.12				
CHECKED			TITLE:	USB CONNECIOR		
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 1