



RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm

1.Material:

InsertMolding: LCP UL 94V-0 Black
Contact: Copper alloy, T=0.20mm
Shell: Stainless Steel, T=0.30mm

2.Electrical

- 1.1.Rated Voltage: 30V AC/DC maximum
- 1.2.CURRENT RATING: 3A FOR VBUS, 1.25A FOR GND PIN, 0.25A FOR OTHER.
- 1.3.INSULATION RESISTANCE: 100MΩ MIN
- 1.4.CONTACT RESISTANCE: 50mΩ MAX

3.Mechanical

- 2.3.INSERT FORCE: 5~20N;
- 2.3.EXTRACT FORCE: INITIAL 8~20N, AFTER 10000 CYCLES 6~20N;
- 2.3.DURABILITY: 10000 CYCLES

4.Plating

- 4.1.Terminal: Contact area: 1u" gold plate over 50u" Ni min. Solder area: 100u" pure TIN plate over 50u" Ni min.
- 4.2.Shell: Ni: 50u" min.

5.Ambient Temperature: -55°C To +85°C

B12	GND
B9	VBUS
B5	CC2
A5	CC1
A9	VBUS
A12	GND
PIN	SIGNAL NAME

3	SHELL	STAINLESS STEEL	Ni/Cu Plated	IPCS
2	CONTACT	BRASS	Au Plated	1SET
1	MO	HIGH TEMPERATURE PLASTIC	BLACK	IPCS
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY

PART NAME	CONNECTOR			DRAWING	Y,C,ZHANG	DWG.No.	SBICL
PART NO.	TYPE-C 6pin 立贴2脚带钩无柱有站脚			CHECK	G.C.Chen	REV.	A1
UNIT :	TOLERANCE	UP TO 5	±0.2	APPROVAL	SCALE	DATE	
	OTHERWISE	ABOVE 5~30	±0.3			ANGLE	2:1
mm		ABOVE 30	±0.5	0°±3'			