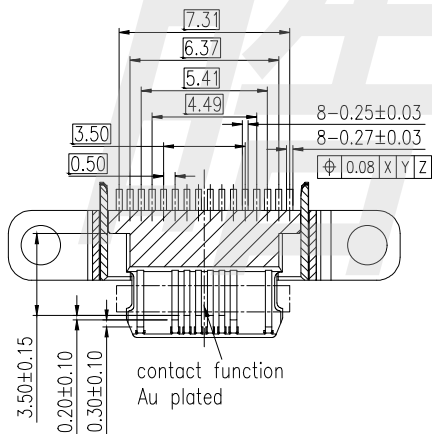
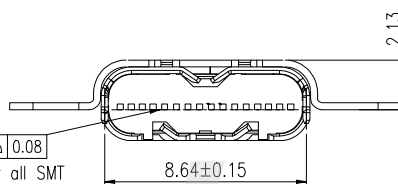
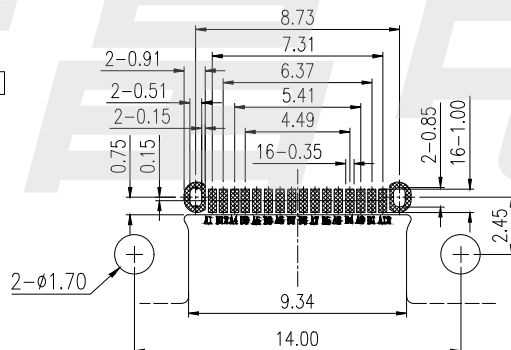


SECTION A-A

0.08
For all SMT contact tails



SECTION B-B



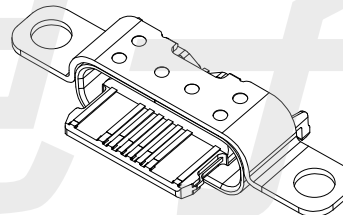
RECOMMENDED PCB LAYOUT
General Tolerance ±0.05mm

PIN ASSIGNMENTS:

PIN	A1	A4	A5	A6	A7	A8	A9	A12
Signal Name	GND	V _{BUS}	CC1	Dp1	Dn1	SBU1	V _{BUS}	GND
PIN	B12	B9	B8	B7	B6	B5	B4	B1
Signal Name	GND	V _{BUS}	SBU2	Dn2	Dp2	CC2	V _{BUS}	GND

NOTES:

- Rated current:
Pin A1,A12 and B1,B12 total 8A Max
Pin A4,A9 and B4,B9 total 8A Max
Other Pin 0.25A Max
- Rated voltage:30V AC
- Contact resistance:
Initial: 40mΩ Max
After durability: 50mΩ Max
- Withstanding strength:100V AC for 1 minute
- Insulation resistance: 100MΩ Min. 1 minute
- Mechanical characteristics:
Insertion force:Initial 5N-20N,
After 10k cycles 5-20N
Extraction force:Initial 8N-20N,
After 1k cycles 8-20N,After 10k cycles 6-20N
- Durability: 10K cycles
- Operation Temperature Range:
-40 °C - 85 °C
- Salt spray:48 hours



5	OUT SHELL	1PCS	STAINLESS STEEL	50u" MIN SOLDERABLE NICKEL
4	SHELL	1PCS	STAINLESS STEEL	50u" MIN SOLDERABLE NICKEL
3	CONTACT	1SET	COPPER ALLOY	GOLD 30u" Min PLATED ON CONTACT AREA AND G/F ON SOLDER TAILS OVER 50u" Min NICKEL UNDERPLATING OVERALL
2	MID-PLATE	1PCS	STAINLESS STEEL	NO PLATING
1	HOUSING	1PCS	THERMOPLASTIC	BLACK COLOR, UL94 V-0
ITEM	PART NAME	Q'TY	MATERIAL	FINISH

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PART NAME		CONNECTOR		DRAWING	Y,C,ZHANG	DWG.No.	SBICL
PART NO.		USB 2.0 Type C 16PIN Pro7 Note9		CHECK	G.C.Chen	REV.	A1
UNIT : mm	TOLERANCE OTHERWISE	UP TO 5	±0.2	ANGLE	APPROVAL	DATE	
		ABOVE 5~30	±0.3				
		ABOVE 30	±0.5	0°±3'	SCALE	PAGE	1 OF 1
		ANGLE	±3'				

F

E

D

C

B

A