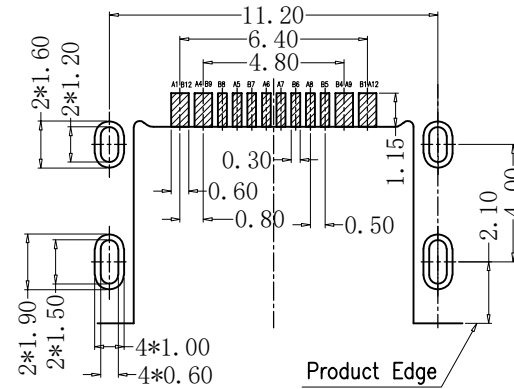
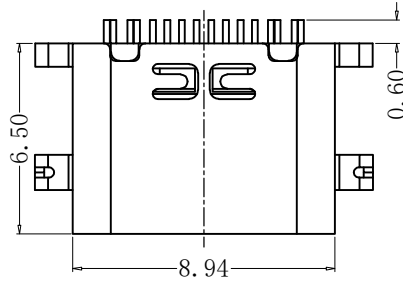
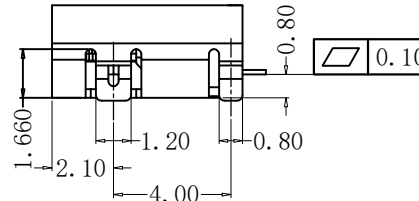
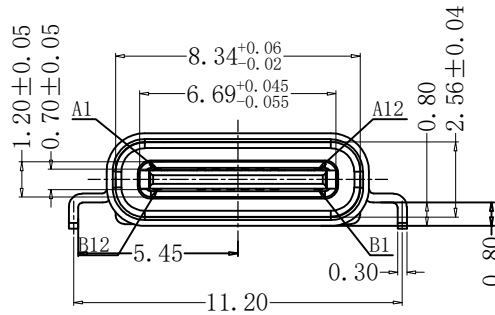
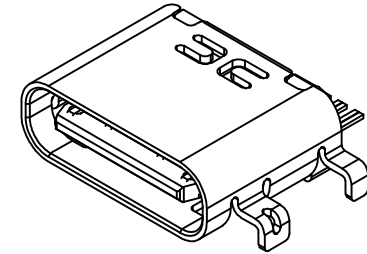


RoHs

VER	MARK	PR. BY	ECR/ECN	DESCRIPTION	DATE
A		zjlin		NEW RELEASE	08/12' 21



RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$



SPECIFICATION:

- Material & Finish: See the list;
- Mechanical:
 - Mating force: 5-20N;
 - Unmating force: Initial: 8-20N; Final: 6-20N;
 - Durability: 10000 Cycles;
- Electrical:
 - Current Rating:
VBus Pins: 5A, Vconn Pin: 1.25A, Other Pins: 0.25A;
 - Voltage Rating: 20V Max.;
 - Dielectric Withstanding voltage: 100Vac, 60S, 0.5mA;
 - Contact resistance: 40m Ohms Max.;
 - Insulation Resistance: 100M Ohms Min.;
- Environmental:
 - Operating temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$;
 - Salt Spray Test: 48H Min. (No oxidation or rust);
 - Wetting Temperature: $265 \pm 5^{\circ}\text{C}$, $5 \pm 0.5\text{s}$

PIN DEFINE TABLE			
PIN	SIGNAL	PIN	SIGNAL
A12	GND	B1	GND
A11		B2	
A10		B3	
A9	VBUS	B4	VBUS
A8	SBU1	B5	CC2
A7	Dn1	B6	Dp2
A6	Dp1	B7	Dn2
A5	CC1	B8	SBU2
A4	VBUS	B9	VBUS
A3		B10	
A2		B11	
A1	GND	B12	GND

NO.	PART NAME	Q' TY	MATERIAL	FINISH	CUSTOMER		GENERAL TOLERANCES		APPROVED BY:	TITLE:	深圳市辉焕科技有限公司	
5	Shell	1	SUS304-1/2H, T=0.30mm	50u"Ni Min.			UNLESS SPECIFIED		Song	Type-C Rec. 16Pin 3M 沉板0.80mm		
4	GroundBar	1	SUS301-1/2H, T=0.15mm	No Plating	SIZE	UNITS	X ± 0.50	X' $\pm 5.0^{\circ}$	CHECKED BY:	PART NO.:		
3	Down Contact	8	C7025-TM04, T=0.15mm	1u"Au/50u"Ni Min.	A4	MM[INCH]	.X ± 0.35	.X' $\pm 3.0^{\circ}$	TANG	HH 16P-CB TYPE-C(Y007)		
2	Top Contact	8	C7025-TM04, T=0.15mm	1u"Au/50u"Ni Min.	SCALE	REV.	.XX ± 0.25	.XX' $\pm 2.5^{\circ}$	DESIGN BY:	DWG NO.:	SHEET	
1	Housing	1	LCP BLACK	UL 94 V-0	1:1	A	.XXX ± 0.15	.XXX' $\pm 2.0^{\circ}$	DENG	HH 16P-CB TYPE-C(Y007)	1/2	

