

Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTxp1	Second	B11	SSRXp1	Second
A3	SSTxn1	Second	B10	SSRXn1	Second
A4	V _{SS}	First	B9	V _{SS}	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	V _{SS}	First	B4	V _{SS}	First
A10	SSRXn2	Second	B3	SSTXn2	Second
A11	SSRXp2	Second	B2	SSTXp2	Second
A12	GND	First	B1	GND	First
SHELL	GND	SHELL	GND	GND	SHELL

NOTES:

1. MATERIAL: SEE "TABLE 1";
2. FINISH: SEE "TABLE 1";

3. ELECTRICAL :

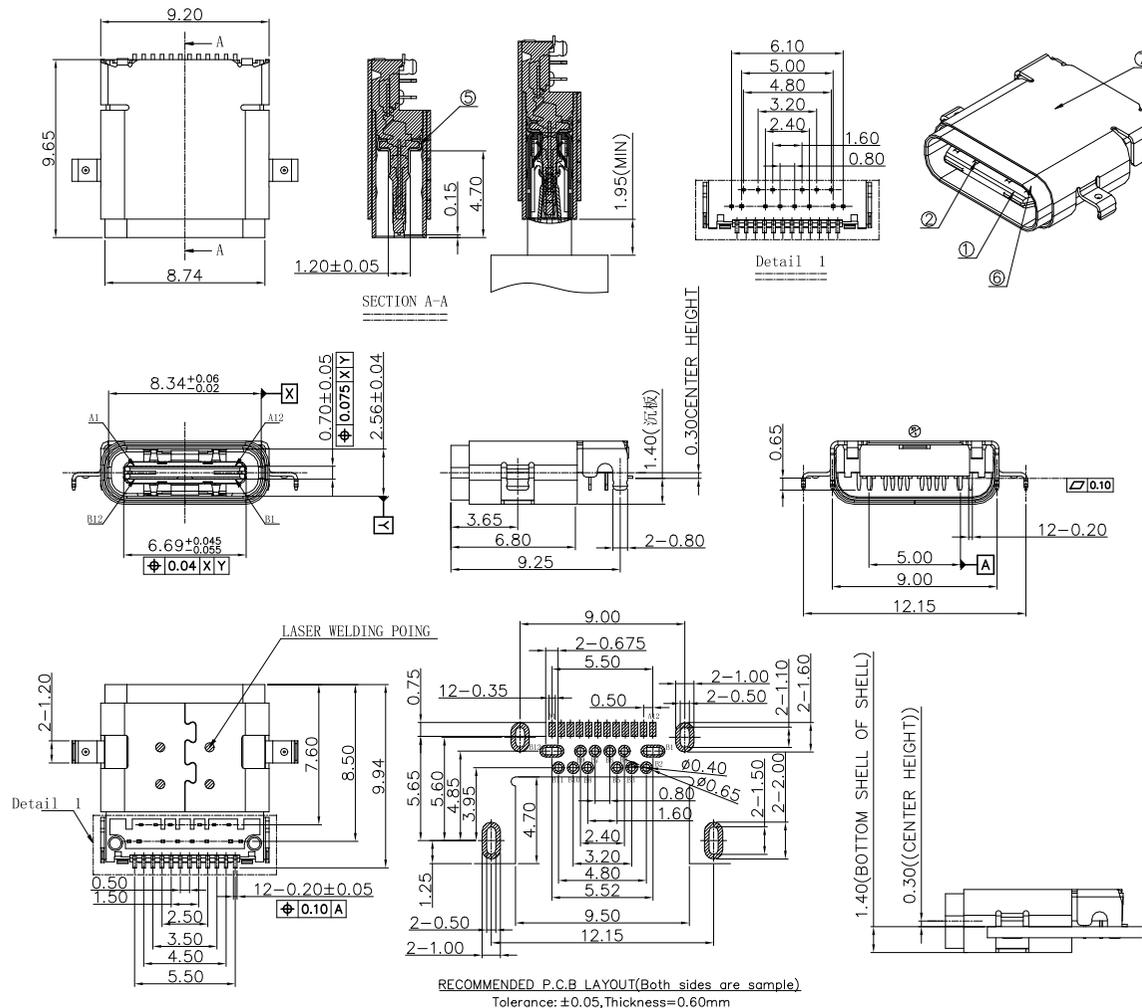
- 3-1. CONTACT CURRENT RATING :
5A(VBUS PIN 1.5A/PIN),
5A(GND PIN 1.25A/PIN MAX),0.25A/PIN(OTHER PIN).
- 3-2. INSULATION RESISTANCE :
100 MEGAOHMS MIN. AT 250VDC.
- 3-3. DIELECTRIC WITHSTANDING VOLTAGE :
100VAC MIN.
- 3-4. LOW LEVEL CONTACT RESISTANCE :
INITIAL 40mΩ MAX.
AFTER 50mΩ MAX.

4. MECHANICAL CHARACTERISTICS :

- 4-1. MATING FORCE: 5~20N.
- 4-2. UNMATING FORCE: 8~20N(INITIAL),6~20N(AFTER 10000 CYCLES);
- 4-3. DURABILITY : 10,000 MATING CYCLES.
- 4-4. OPERATING TEMPERATURE : -40°C TO +80°C

TABLE 1:

NO.	PART NAME	QTY	MATERIAL	DESCRIPTION	REMARK
⑦	Shell-2	1	Stainless steel	NI PLATING;	T=0.20mm
⑥	Shell-1	1	Stainless steel	NI PLATING;	T=0.20mm
⑤	GND PLATE	1	Stainless steel	NI PLATING;	T=0.10mm
④	MID PLATE	1	Stainless steel	Au PLATING;	T=0.15mm
③	Terminal-B	12	铜镍硅合金	Au:15u" PLATING;	T=0.12mm
②	Terminal-A	12	铜镍硅合金	Au:15u" PLATING;	T=0.12mm
①	Housing	1	HIGH TEMP	Black	



				一般公差 GENERAL TOLERANCE		绘图 DR.		料号 PART NO.		文件编号 NUMBER	
				X.X ±0.35	X° ±6°	审核 CHK.		W-USB-CH140-012		ENDPW03	
				X.XX ±0.25	X.X° ±3°	核准 APPD.		品名 TITLE		USB 3.1 CF CONNECTOR	
				X.XXX ±0.15	▲ MAJOR DIM.			CL=0.30 沉板 1.40mm DIP TYPE		比例 SCALE	
				单位 UNIT	mm					SHEET	
				版次 REV.	日期 DATE					1:1	
				变更内容 DESCRIPTION	审核 CHK.					1/1	
				核准日期 APPD.						版次 REV.	
										A0	

