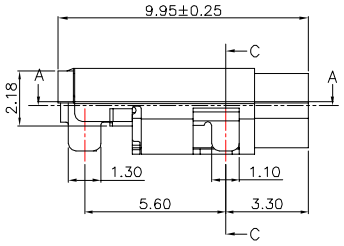
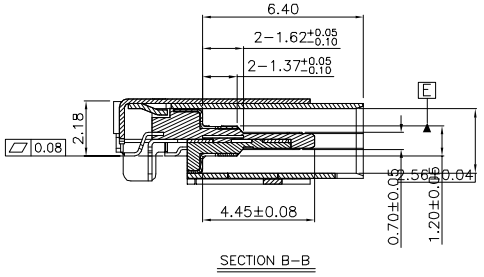
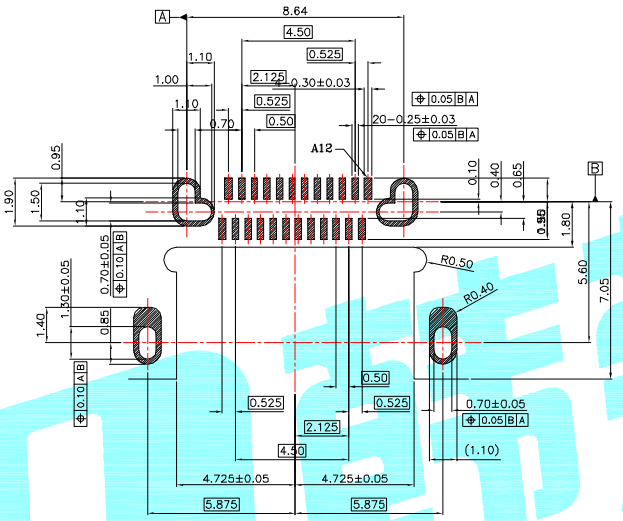
ROHS



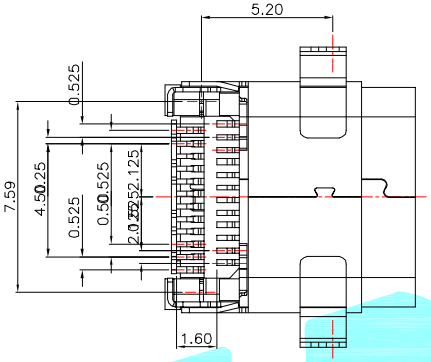


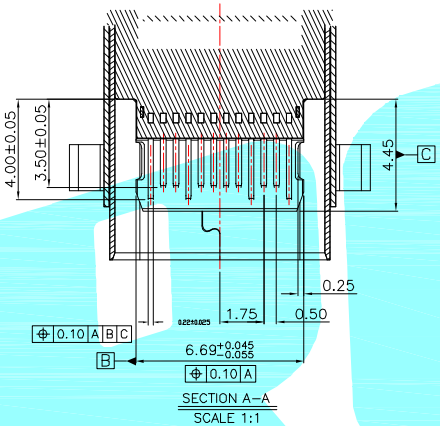
SECTION B-B

SCALE 1:1



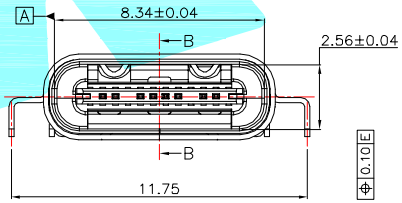
RECOMMEND PCB LAYOUT
(THICKNESS:1.00 OR 1.20mm)

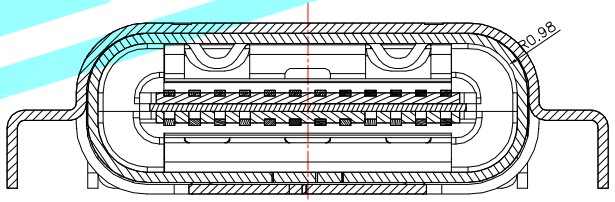




SECTION A-A

SCALE 1:1





SECTION C-C

SCALE 2:1

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_{BUS}	First	B9	V_{BUS}	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_{BUS}	First	B4	V_{BUS}	First
A10	SSRXn2	Second	B3	SSTXn2	Second
A11	SSRXn2	Second	B2	SSTXn2	Second
A12	GND	First	B1	GND	First
SHELL		GND	SHELL		GND

备注:
1.材质:
1.1胶芯：LCP+30%G.F UL94V-0
1.2端子：C2680R，T=0.12mm；镍底，镀金Xμ"
1.3外壳：不锈钢，T=0.30mm；表面镀镍100μ"
或亮锡100μ"
1.3护板：不锈钢，T=0.10mm；
2.主要特性:
2.1额定电流：0.5A
2.2接触阻抗：30mΩ MAX
2.3绝缘阻抗：100MΩ MIN 250V DC
2.4耐压测试：250V AC
2.5沾锡性：温度250±5℃，时间5±0.5s
2.6整体插入力：3.57kgf MAX
整体拔出力:1.02kgf MIN
2.7使用寿命：10000次
2.8工作温度：-30℃～+80℃

③	Shell	——	1	STAINLESS STEEL	Sn Plated	——	
②	Contact	——	24	C2680R	Au Plated	——	
①	Housing	——	1	LCP	Black	——	
ITEM	PART NAME	TER'NO.	QTY.	MATERIAL	FINISHING	REMARK	

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

APPROVALS		DATE	HRO鹤荣® ELECTRONICS CO.,LTD			
DRAWN	JKUN.LU	2014.5.29				
CHECKED			TITLE:	USB CONNECTOR		
APPROVALS			PART NO.	TYPE-C-31-M-03		
TOLERANCES ARE	30~以下 ±0.30	ANGLE ±2°	UNIT: mm	SCALE: 1:1	PROJ:	
	10~30 ±0.25					
	5~10 ±0.20		DRAWING NO.	——	SHEET 1 OF 1	
	~ 5 ±0.15					