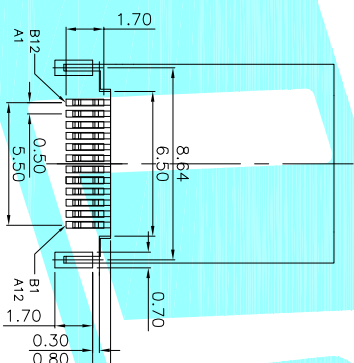
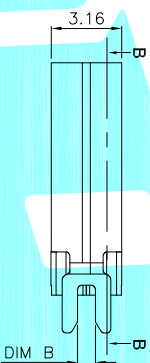
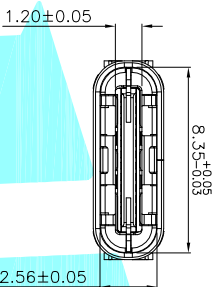
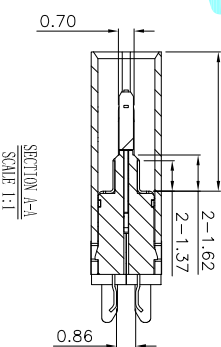
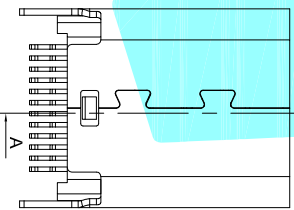


PART NO	DIM A	DIM B	DIM C	DIM D
TYPE-C-31-M-21	10.5	0.8	6.25	12.15
	10.5	1.0	6.25	12.15
	10.5	1.2	6.25	12.15
	9.3	0.8	5.10	11.05
TYPE-C-31-M-20	9.3	1.0	5.10	11.05
	9.3	1.2	5.10	11.05



RECOMMENDED P.C.B. LAYOUT (T:1.00mm)
TOLERANCE UNSPECIFIED ±0.05mm



	A	B
1	GND	12 GND
2	TX1+	11 RX1+
3	TX1-	10 RX1-
4	VBUS	9 VBUS
5	CC1	8 SBU2
6	D+	7 D-
7	D-	6 D+
8	SBU1	5 CC2
9	VBUS	4 VBUS
10	RX2-	3 TX2-
11	RX2+	2 TX2+
12	GND	1 GND

- 备注:
- 1.材料:
 - 1-1. 胶料: LCP+30%GF; UL94V-0; 颜色: 黑色.
 - 1-2. 端子: C7025-TM02,T=0.12mm; 镀层:50u"MIN. 接触区镀金+u"MIN; 焊接区镀金 1u"MIN.
 - 1-3. 中铜片: SUS301-1/2H,T=0.20mm 清洗.
 - 1-4. EMI: SUS301-H T=0.1 清洗.
 - 1-5. 外壳: SUS304-1/2H T=0.30 镀镍.
 - 2.电气特性:
 - 2-1. 电压&额定电流: DC 30V MAX.&3A
 - 2-2. 接触阻抗: 40mΩ MAX.
 - 2-3. 绝缘阻抗: 100MΩ MIN.
 - 2-4. 耐电压: 100V AC FOR 1 MINUTE.
 - 2-5. 操作温度: -30C~+80C
 - 3.机械特性:
 - 3-1. 插入力: 5-20N.
 - 3-2. 拔出力: 8-20N.
 - 3-3. 耐久: 10000次

ITEM	PART NAME	TER'NO.	QTY.	MATERIAL	FINISHING
③	Shell	---	1	SUS	Ni Plated
②	Contact	---	24	COPPER ALLOY	Au Plated
①	Housing	---	1	LCP	Black

APPROVALS	DATE	TITLE:
DRAWN	JIANKUN.LIU	2018.08.01
CHECKED		
APPROVALS		

HRP
ELECTRONICS CO.,LTD
USB CONNECTOR

ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.	TOLERANCES ARE	ANGLE	UNIT:	SCALE:	PROJ:	SHEET
	A		NEW				30~以上 10~30 ±0.30 5~10 ±0.25	±2°	mm	1:1	PROJ:	1 OF 1