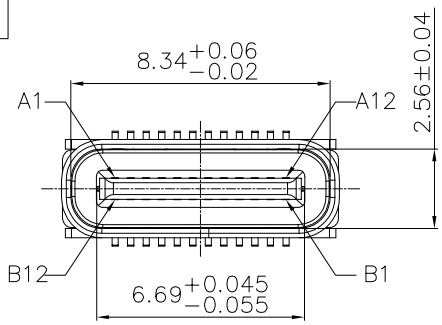
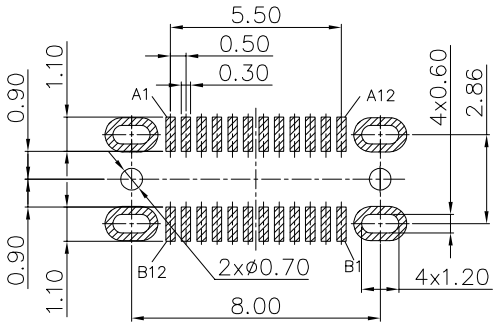
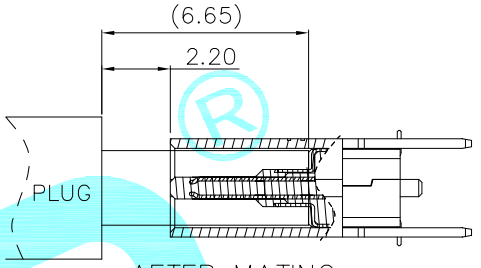
ROHS

Http://www.krhro.com

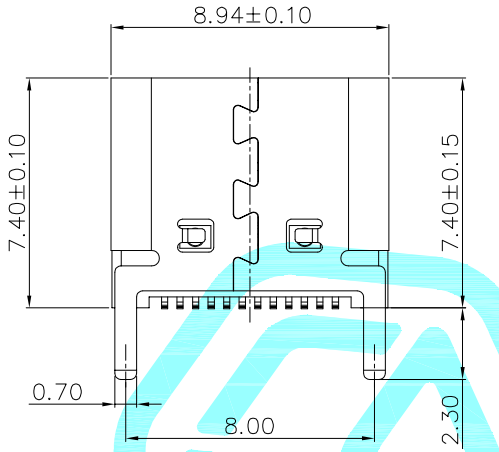


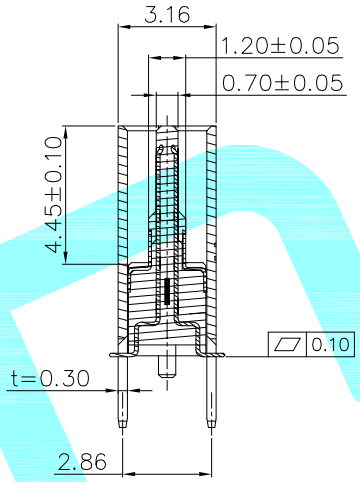


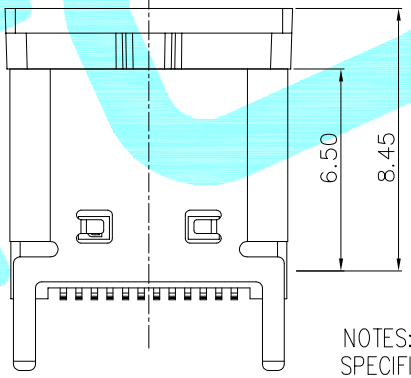
RECOMMENDED P.C.B. LAYOUT

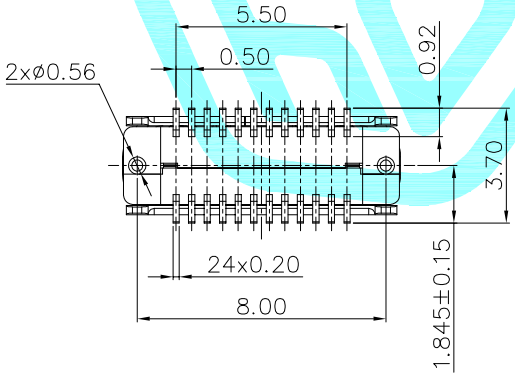


AFTER MATING









A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1−	B10	RX1−
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D−
A7	D−	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2−	B3	TX2−
A11	RX2+	B2	TX2+
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

NOTES:
SPECIFICATION:
1. RATING: DC20V 5A
2. VOLTAGE: 100 VAC
3. TEMPERATURE RANGE: −40℃ ~ 85 ℃
4. CONTACT RESISTANCE: 40 MΩ MAX
5. INSULATION RESISTANCE: 100 MΩ MIN.
6. INSERTION FORCE : 5N~20N
7. UNMATING FORCE: 8N~20N
8. DURABILITY: 10,000 CYCLES

ITEM	PART NAME	TER'NO.	QTY.	MATERIAL	FINISHING	REMARK
④	MID PLATE	——	1	SUS301	——	——
③	SHELL	——	1	SUS304	——	——
②	TERMINAL	——	24	C18400	Au/Ni Plated	——
①	HOUSING	——	1	LCP	Black	——

APPROVALS		DATE
DRAWN	LIANG	2026.03.13
CHECKED		
APPROVALS		

TITLE: USB CONNECTOR
PART NO. TYPE−C−31−M−55
UNIT: mm SCALE: 1:1 PROJ:
DRAWING NO. —— SHEET 1 OF 1

TOLERANCES ARE		ANGLE
30~以上	±0.30	±2°
10~30	±0.25	
5~10	±0.20	
~ 5	±0.15	

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