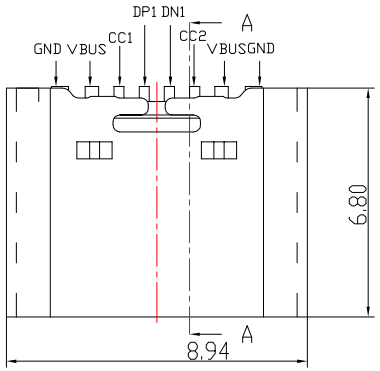
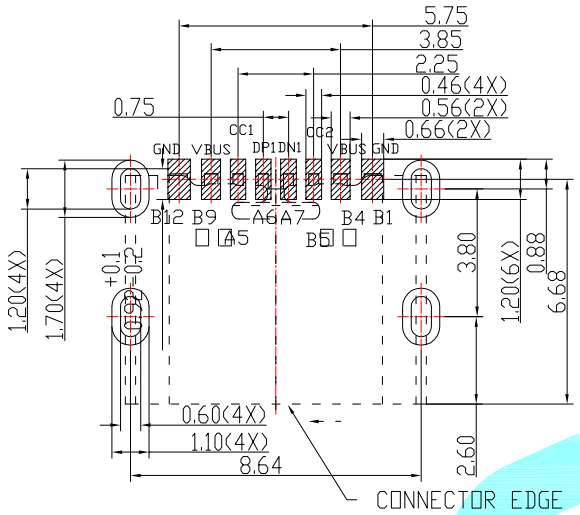
ROHS

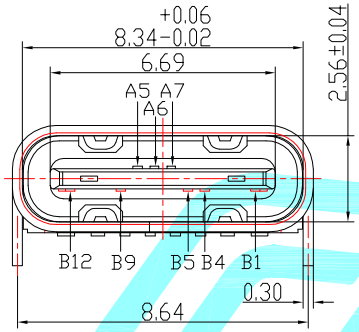
Http://www.krhro.com

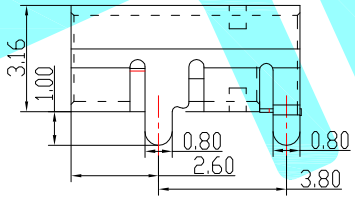


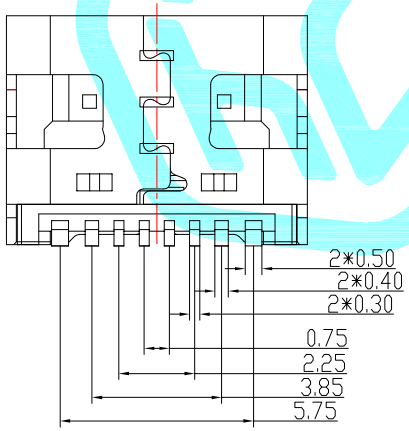


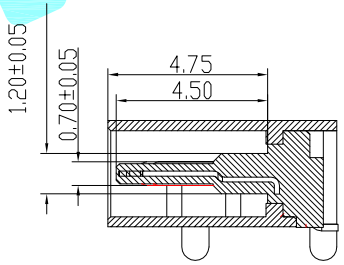
RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS ± 0.05









SECTION:A-A

NOTE:

1.MATERIAL SPECIFICATION:
- 1.HOUSING: LCP.
- 2.CONTACTS: COPPER ALLOY
- 3.MID PLATE: STAINLESS STEEL
- 4.INSIDE SHELL: STAINLESS STEEL
- 5.OUTSIDE SHELL: STAINLESS STEEL

2.PLATING SPECIFICATION:
- 2-1.CONTACTS:
  - Ni 50u" MIN. UNDER PLATED OVER ALL.
  - Au PLATED ON THE FUNCTIONAL AREA OF CONTACT. (GOLD PLATING THICKNESS FOLLOW THE P/N)
  - GOLD FLASH PLATING ON SOLDER AREA
- 2-2.INSIDE SHELL OR OUTSIDE SHELL:
  - Ni 30u" MIN. UNDER PLATED OVER ALL.

3.MECHANICAL PERFORMANCE,
- 3-1.INSERTION FORCE: 5~20N.
- 3-2.REMOVAL FORCE: 8~20N.
- 3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,
- 4-1. CURRENT RATING: 3A
  VOLTAGE RATING: 5V
- 4-2.INSULATION RESISTANCE: 100MΩ MIN
- 4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- 4-4.LOW CONTACT RESISTANCE: INITIAL 40MΩ AFTER 50MΩ

5. ENVIRONMENTAL PERFORMANCE:
- OPERATING TEMPERATURE: -30℃~+85℃.

		B12	GND
		B9	VBUS
A5	CC1		
A6	DP1		
A7	DN1		
		B5	CC2
		B4	VBUS
		B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

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

APPROVALS		DATE	
DRAWN	LIUCAN	2024.12.19	
CHECKED			TITLE: USB CONNECTOR
APPROVALS			PART NO. TYPE-C-31-M-51

TOLERANCES ARE				UNIT: mm	SCALE: 1:1	PROJ:
	30~以上	±0.30	ANGLE			
	10~30	±0.20				
	5~10	±0.15	±2°	DRAWING NO.		SHEET 1 OF 1
	~ 5	±0.10				