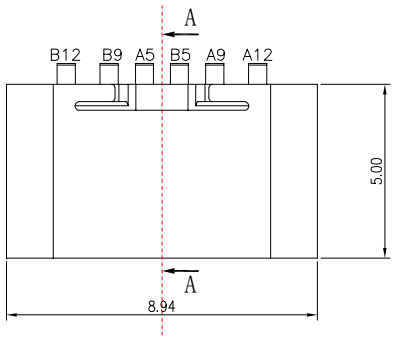
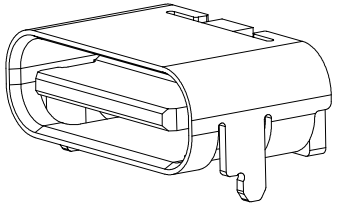
ROHS

Http://www.krhro.com

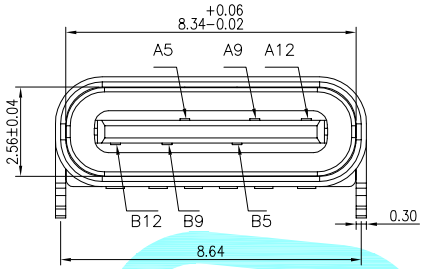


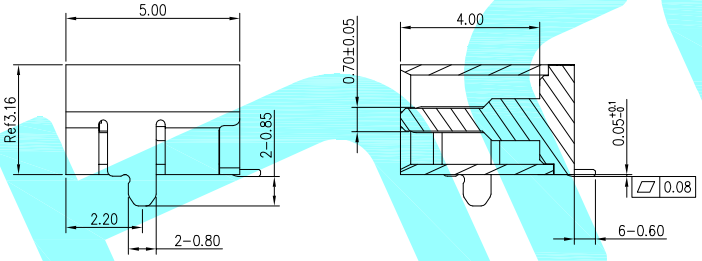


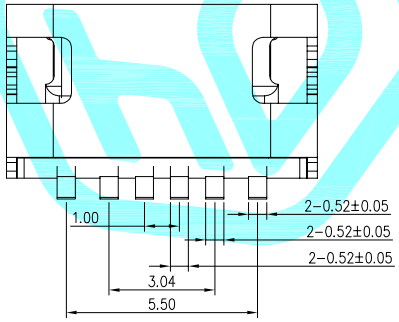
NOTE:
1.MATERIAL:
- 1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94V-0;
- 1.2 CONTACT: COPPER ALLOY
- 1.3 SHELL:STAINLESS STEEL
2.ELECTRICAL CHARACTERISTICS;
- 2.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 30mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
- 2.2 CONTACT CURRENT RATING: 5A FOR VBUS PIN; 1.25A FOR VCONN PIN.
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
- 2.4 VOITAGE RATING:20V AC/AC (RMS.MAX)
- 2.5 INSULATION RESISTANCE 100MΩ Min
- 2.6 OPERATING TEMPERATURE: -30°C ~ 85°C

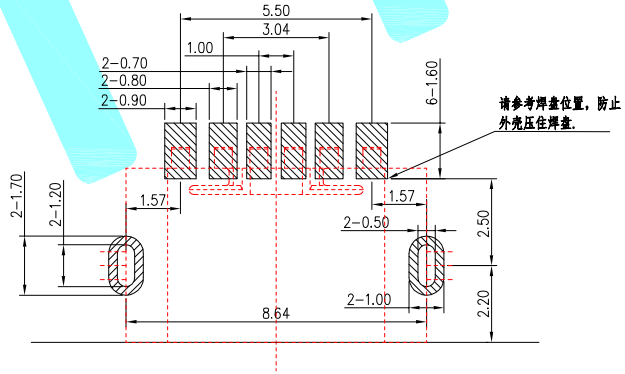
3 MECHANICAL CHARACTERISTICS:
- 3.1 MATING FORCE: 5~20 N.
- 3.2 UNMATED FORCE: 8~20N AFTER TEST
- 3.3 DURABILITY: 3,000 CYCLES

4.PLATING
- 4.1 TERMINAL CONTACT: (SEE TAB) GOLD PLATING ALL OVER 50u" Min NICKEL AND 80u"Min Tin ALL OVER 50u" Min NICKEL ON SOLDER AREA
- 4.2 SHELL: 50u" Min. NICKEL ALL OVER,









RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05

A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2
PIN	SIGNAL NAME	PIN	SIGNAL NAME

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

APPROVALS		DATE					
DRAWN	LIUCAN	2024.6.12					
CHECKED						TITLE:	USB CONNECTOR
APPROVALS						PART NO.	TYPE-C-31-M-49
TOLERANCES ARE	30~以上	±0.30	ANGLE			UNIT: mm	SCALE: 1:1
	10~30	±0.25					PROJ:
	5~10	±0.20	±2°			DRAWING NO.	
	~ 5	±0.15					SHEET 1 OF 1