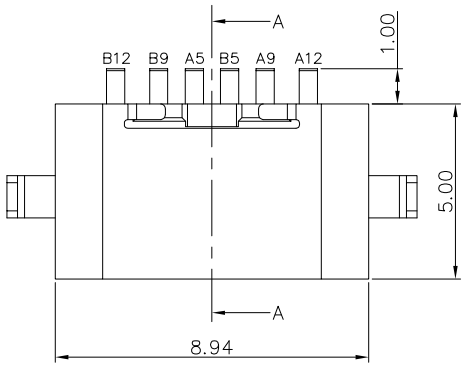
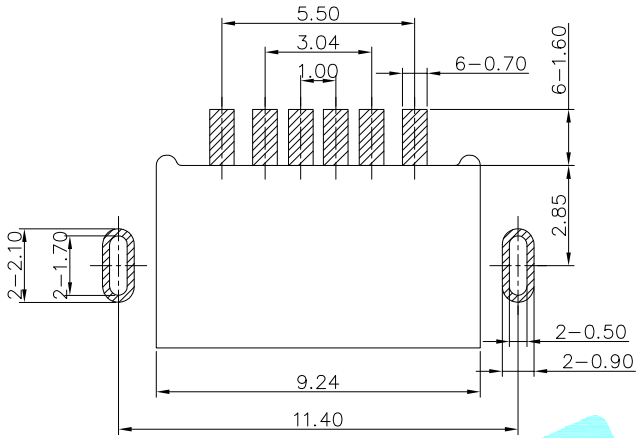
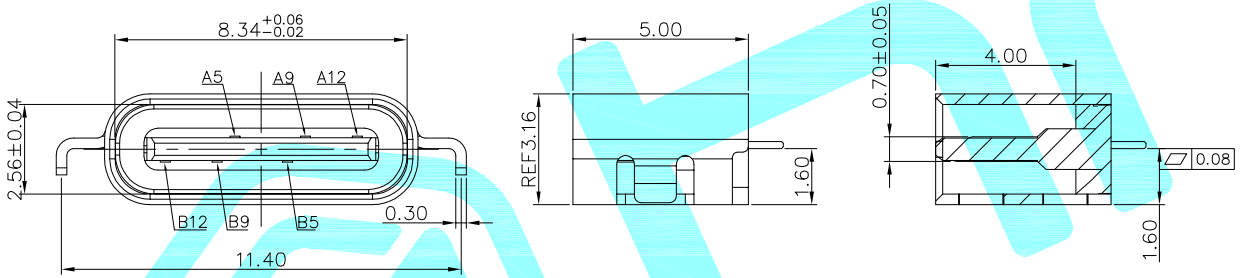
ROHS

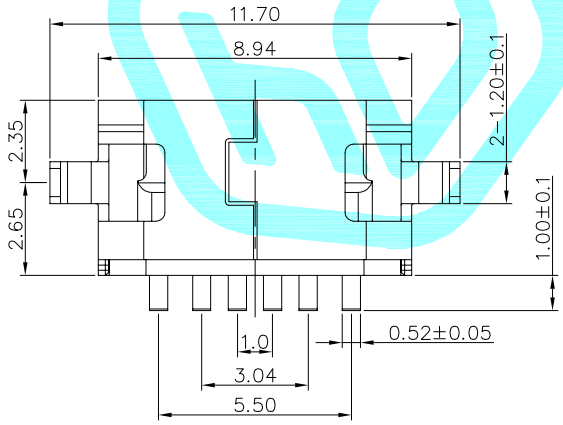
Http://www.krhro.com





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





NOTE:

1.MATERIAL SPECIFICATION:
  1.HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
  2.CONTACTS: COPPER ALLOY
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.FRONT SHELL:
    Ni 30u" MIN. UNDER PLATED OVER ALL.
3.MECHANICAL PERFORMANCE,
  3-1.INSERTION FORCE: 0.5~2.0kgf.
  3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
  3-3.DURABILITY: 3000 CYCLES.
4.ELECTRICAL PERFORMANCE,
  4-1. CURRENT RATING: 5.0A
    VOLTAGE RATING: 20V
  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°C~+80°C.
6.IR REFLOW:
  THE PEAK TEMPERATURE ON THE BOARD SHALL
  BE MAINTAINED FOR 10 SECONDS AT 260°C.

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

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

APPROVALS		DATE	
DRAWN	LIANG	2026.03.27	
CHECKED			TITLE: USB CONNECTOR
APPROVALS			PART NO. TYPE-C-31-M-58

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