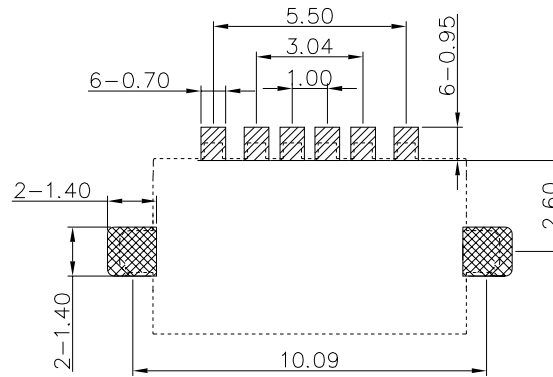
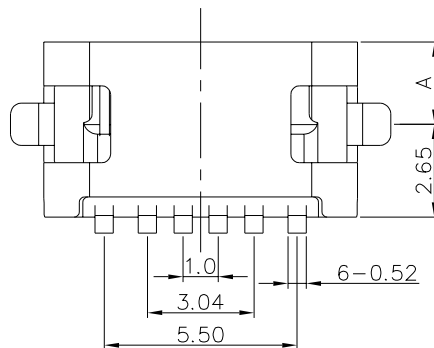
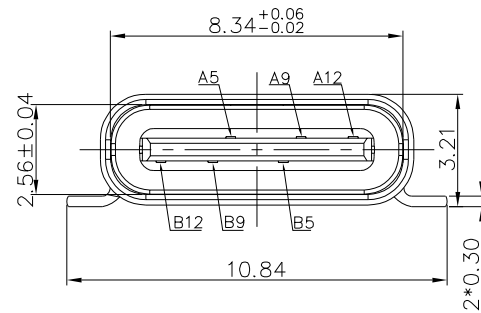
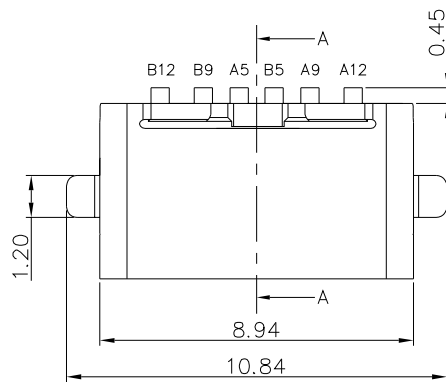
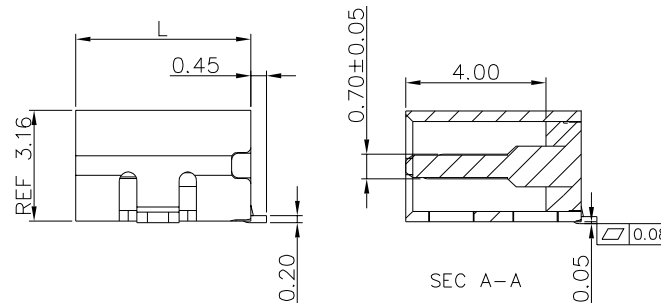




RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05



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: 100M Ω MIN

- 4-3. DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.

- 4-4. LOW CONTACT RESISTANCE: INITIAL 40M Ω

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

PART NO.	L	A
TYPE-C-31-M-57	5.0	2.35
TYPE-C-31-M-57A	5.5	2.85

APPROVALS		DATE				
DRAWN						
CHECKED			TITLE:			
APPROVALS			PART NO.			
TOLERANCES ARE	30~	±0.30	ANGLE	UNIT: mm	SCALE: 1:1	PROJ:
	10~30	±0.20				
	5~10	±0.15				
	~ 5	±0.10				
			±2'	DRAWING NO.		SHEET 1 OF 1

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