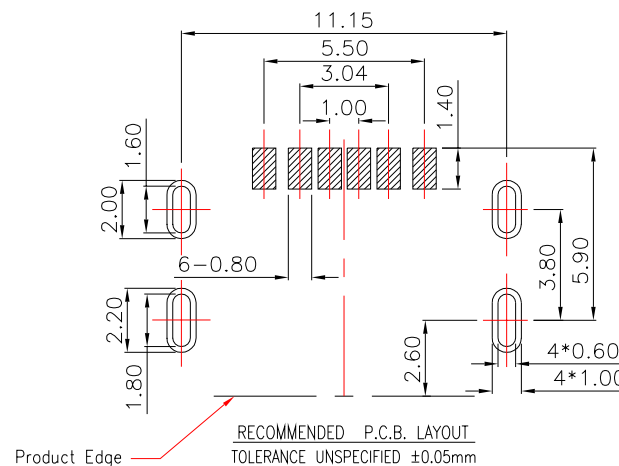
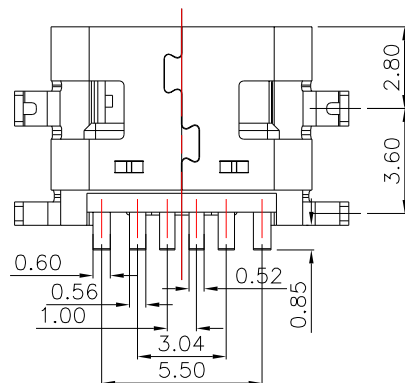
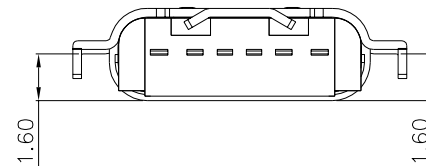
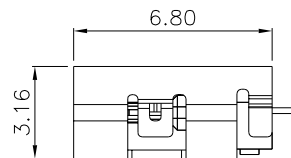
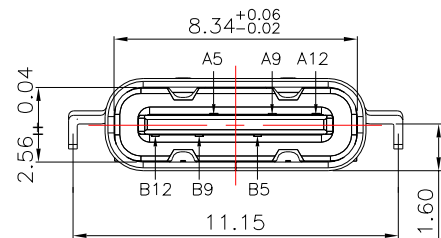
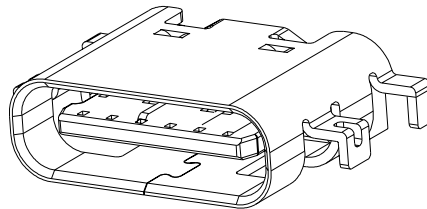
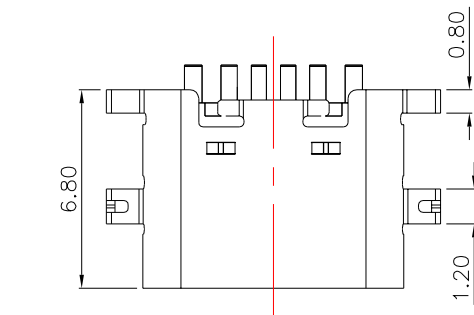




RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$

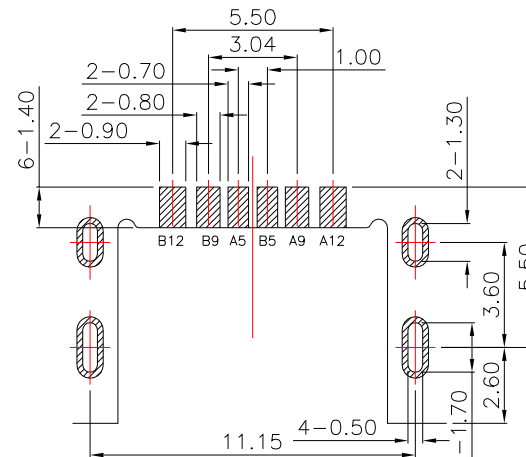
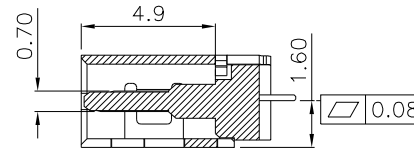
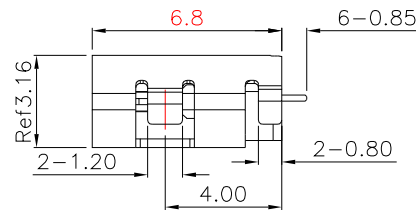
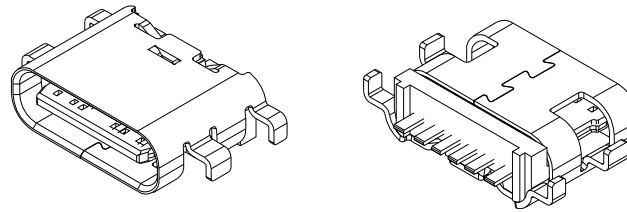
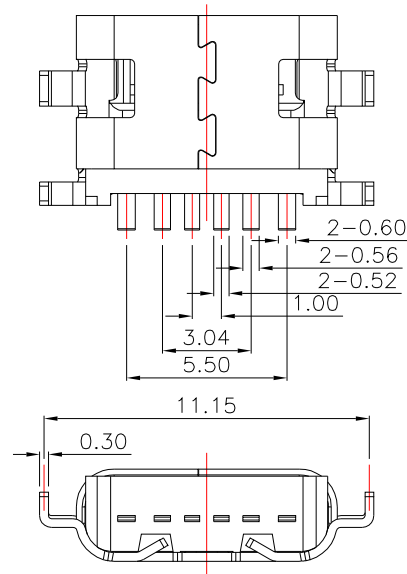
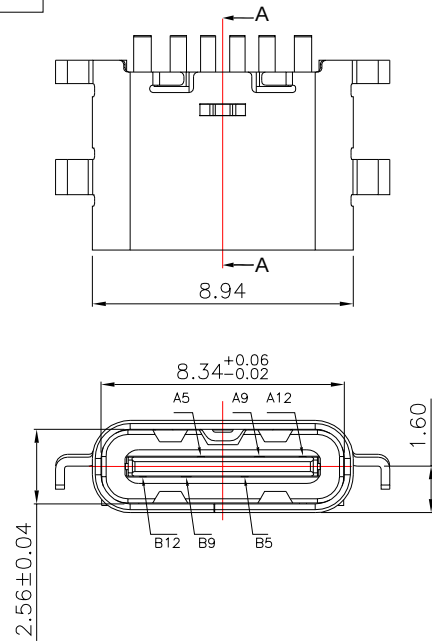
NOTE:

- 1.MATERIAL SPECIFICATION:
 - 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
 - 2.CONTACTS:COPPER ALLOY
 - 3.MID PLATE: STAINLESS STEEL
 - 4.FRONT 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)
PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
 - 2-2.FRONT SHELL:
SEE TABLE1.
 - 2-3.SHIELD PLATE&EMI PLATE:
CLEAR ONLY
- 3.MECHANICAL PERFORMANCE,
 - 3-1.INSERTION FORCE: 5~20N.
 - 3-2.REMOVAL FORCE: 8~20N.
 - 3-3.DURABILITY: 5000 CYCLES.
- 4.ELECTRICAL PERFORMANCE,
 - 4-1. CURRENT RATING:3.0A
VOLTAGE RATING:20V
 - 4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - 4-3.INSULATION RESISTANCE: 100MΩ MIN
 - 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -30°C~+85°C.

A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2
PIN	SIG		

APPROVALS			DATE				
DRAWN							
CHECKED				TITLE:			
APPROVALS				PART NO.			
TOLERANCES ARE	30~	±0.30	ANGLE	UNIT: mm	SCALE: 1:1	PROJ: 	
	10~30	±0.25					
	5~10	±0.20					
	~ 5	±0.15					
			±2'	DRAWING NO.	_____	SHEET 1 OF 1	

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



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

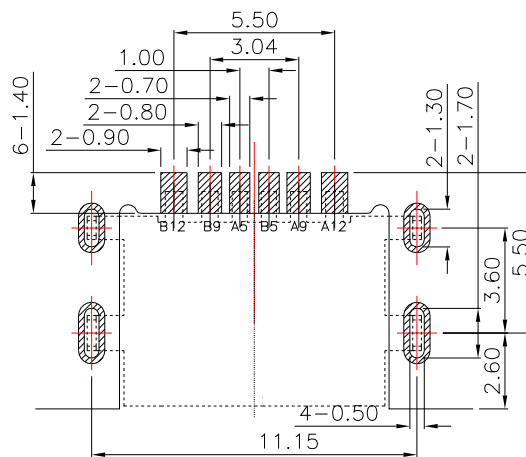
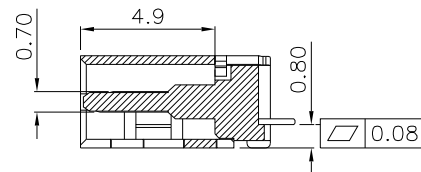
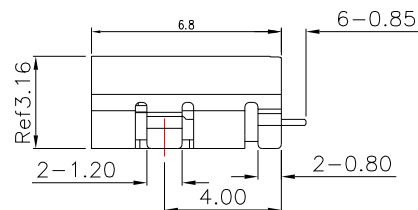
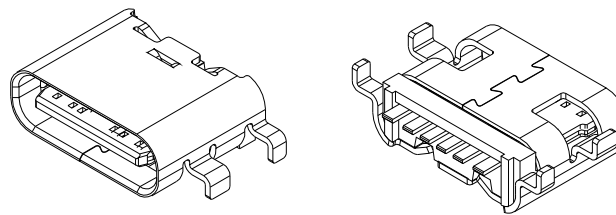
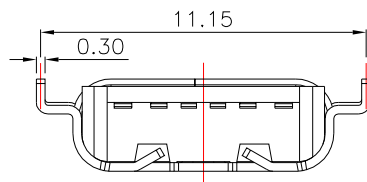
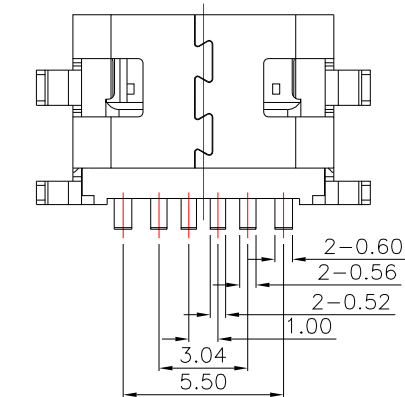
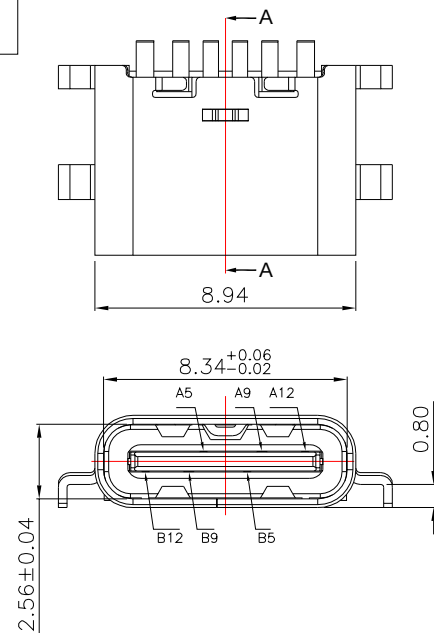
NOTE:

- 1.MATERIAL SPECIFICATION:
1.1.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: 5~20N.
3-2.REMOVAL FORCE: 8~20N.
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 /AFTER 50M Ω
5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -30°C~+85°C.

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

APPROVALS			DATE				
DRAWN							
CHECKED					TITLE:		
APPROVALS					PART NO.	-	
TOLERANCES ARE	30~	±0.30	ANGLE	UNIT: mm	SCALE: 1:1	PROJ:	
	10~30	±0.25					
	5~10	±0.20					
	~ 5	±0.15					
			±2°	DRAWING NO.		SHEET 1 OF 1	

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



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

NOTE:

1. MATERIAL SPECIFICATION:
1-1. HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
2. CONTACTS: COPPER ALLOY
2. PLATING SPECIFICATION:
2-1. CONTACTS:
Ni 50 μ " 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 30 μ " 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: 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 / AFTER 50M Ω
5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -30°C~+85°C.

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

APPROVALS			DATE				
DRAWN							
CHECKED				TITLE:			
APPROVALS				PART NO.			
TOLERANCES ARE		30~	±0.30	ANGLE	UNIT: mm	SCALE: 1:1	PROJ: 
		10~30	±0.25				
		5~10	±0.20				
		~ 5	±0.15				
				±2°	DRAWING NO.		SHEET 1 OF 1

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