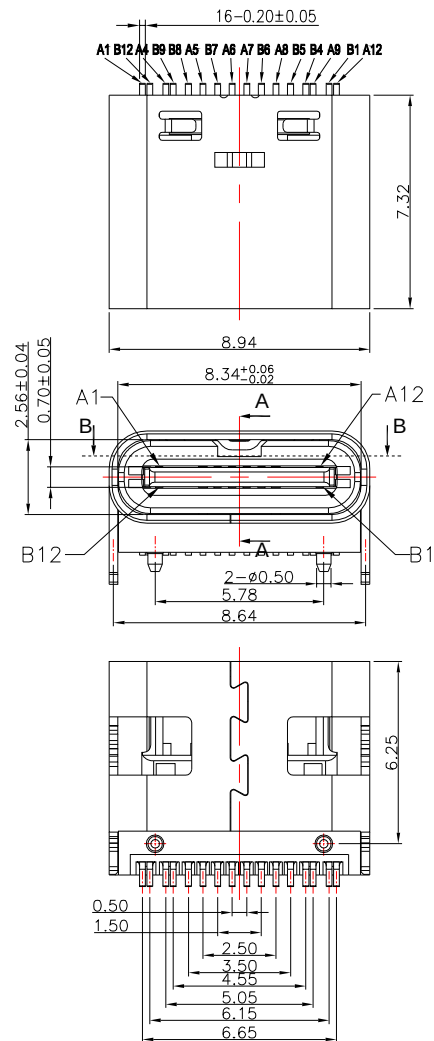
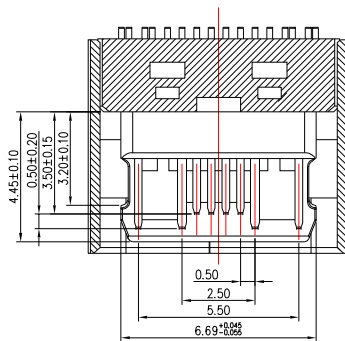
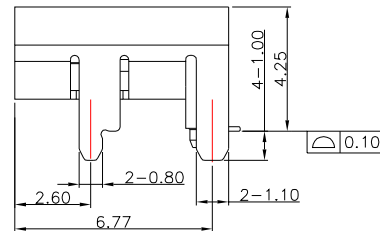
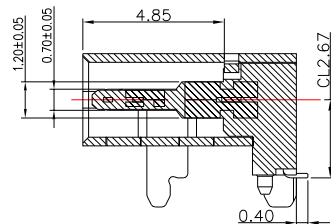
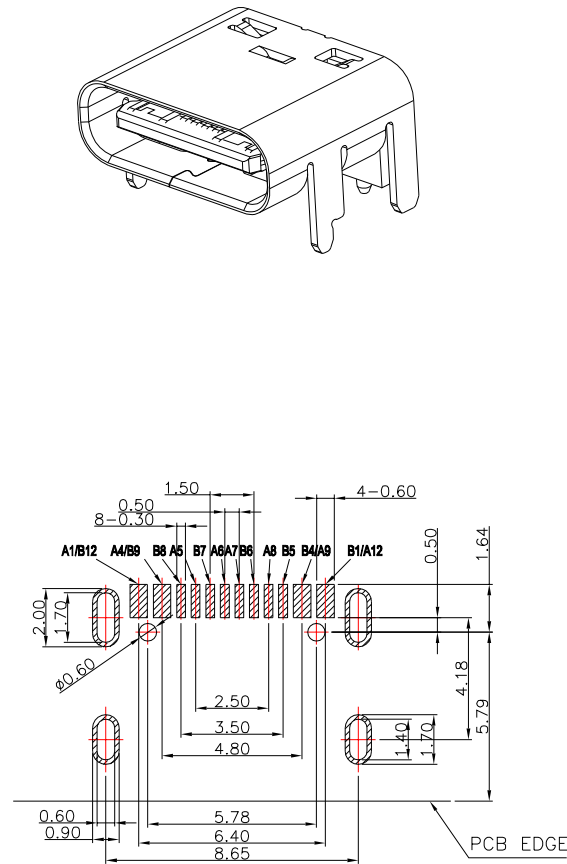




RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05

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: 5A
- VOLTAGE RATING: 20V

- 4-2. INSULATION RESISTANCE: 100MΩ MIN

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

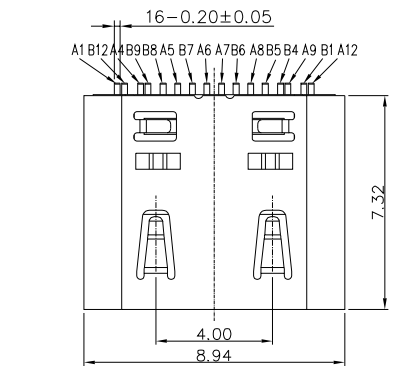
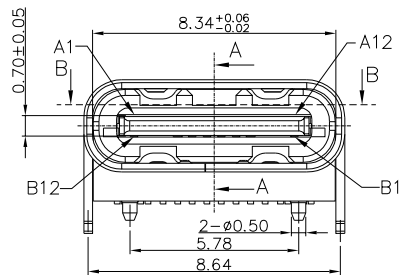
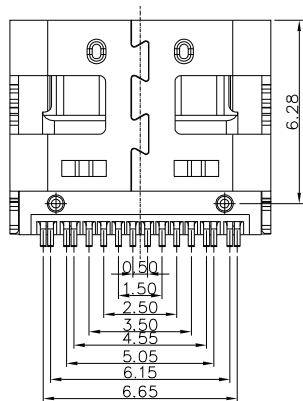
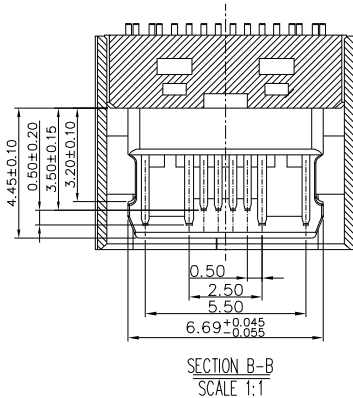
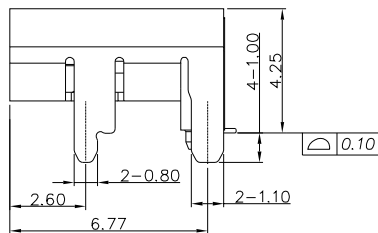
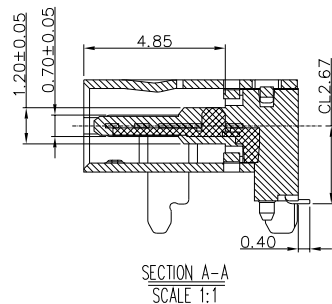
- 4-4. LOW CONTACT RESISTANCE: INITIAL 40MΩ
- AFTER 50MΩ

5. ENVIRONMENTAL PERFORMANCE:

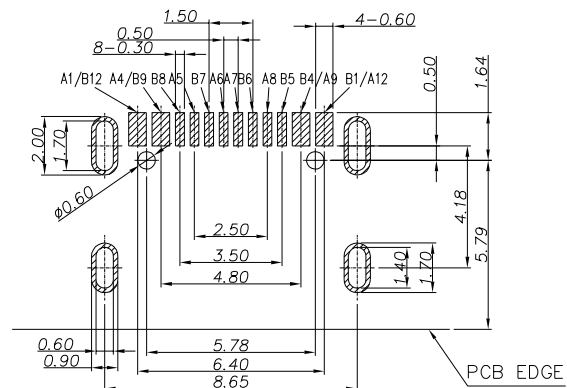
- OPERATING TEMPERATURE: -30°C~+85°C.

A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

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



NOTE:
1.MATERIAL SPECIFICATION:
1-1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
1-2.CONTACTS:COPPER ALLOY
1-3.MID PLATE: 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.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: 10000 CYCLES.
4.ELECTRICAL PERFORMANCE,
4-1. CURRENT RATING:5A
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.



A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

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

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