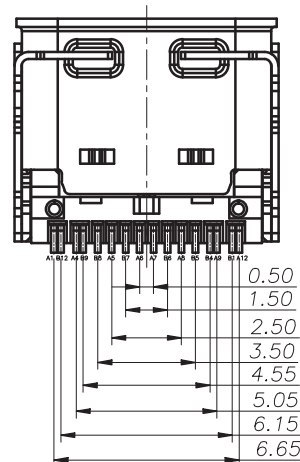
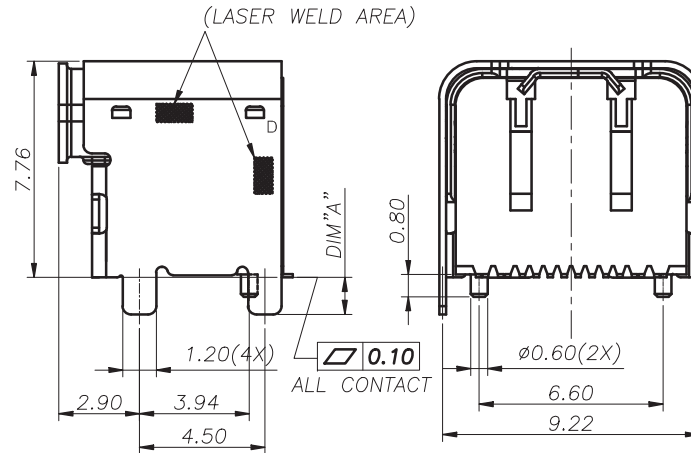
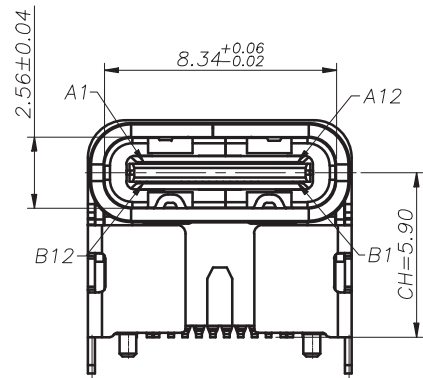
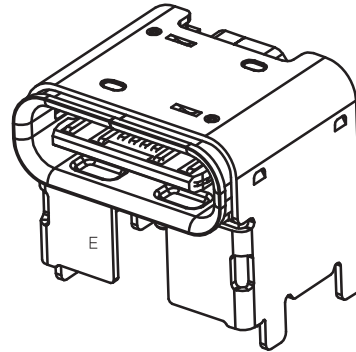
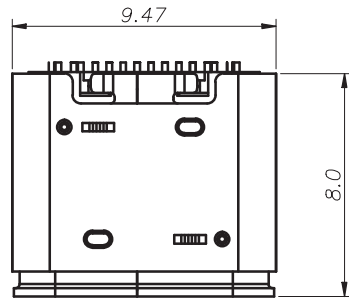
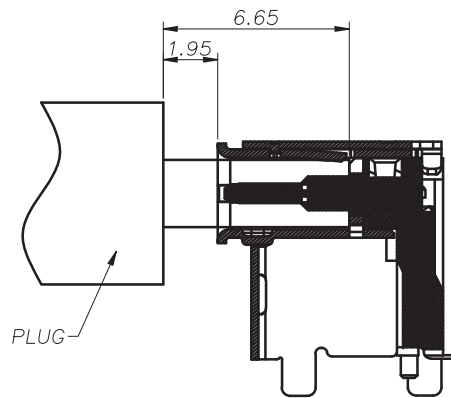




NOTE:

- 1.MATERIAL SPECIFICATION:
 - 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
 - 2.TERMINAL:COPPER ALLOY
 - 3.MID PLATE: STAINLESS STEEL
 - 4.FRONT SHELL: STAINLESS STEEL
 - 5.TOP 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&TOP SHELL:
 - Ni 30u" MIN. UNDER PLATED OVER ALL.
 - 2-3.MID PLATE:
 - CLEAR ONLY
- 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. VOLTAGE RATING:5 V DC/AC (RMS. max)
 - CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;
 - 1.25AMPS FOR CC PIN,0.25 AMPS. FOR ALL OTHER CONTACT.
 - 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: -25°C~+85°C.
- 6.IR REFLOW:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL
 - BE MAINTAINED FOR 10 SECONDS AT 260°C.

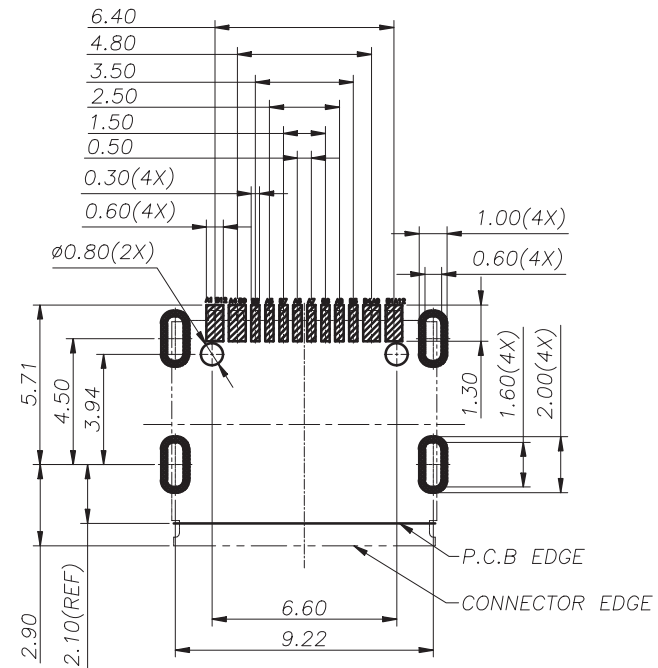
PART NAME	USB 3.1 Type-C Female 16PIN	*LVE* 雷克维尔电子有限公司 LAKE-VIEW ELECTRONICS CO., LTD.			
PART No.	CU3-H316-D-E5	VIEW		UNIT	mm
DESIGNER	YAOFEI WANG	VER	1.4	ANGLES	± 1.5°
CHECKED BY	DELIANG LIU	SHEET	1 OF 2	TOLERANCE	30≤L ±0.30
APPROVED BY	David Chen	DATE	'19.09.12		10≤L≤30 ±0.20
					L≤10 ±0.20



AFTER MATING

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
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



RECOMMENDED PCB LAYOUT(TOP VIEW)

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

PART NAME	USB 3.1 Type-C Female 16PIN				
PART No.	CU3-H316-D-E5	VIEW		UNIT	mm
DESIGNER	YAOFEI WANG	VER	1.4	ANGLES	$\pm 1.5^\circ$
CHECKED BY	DELIANG LIU	SHEET	2 OF 2	TOLERANCE	30 $\leq$ L ± 0.30
APPROVED BY	David Chen	DATE	'19.09.12		10 $\leq$ L $\leq$ 30 ± 0.20
					L $\leq$ 10 ± 0.20