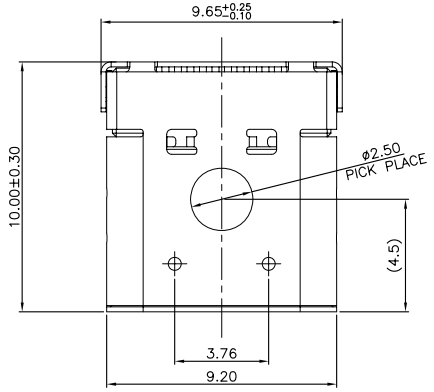
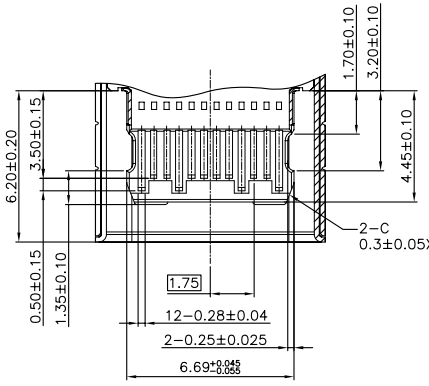
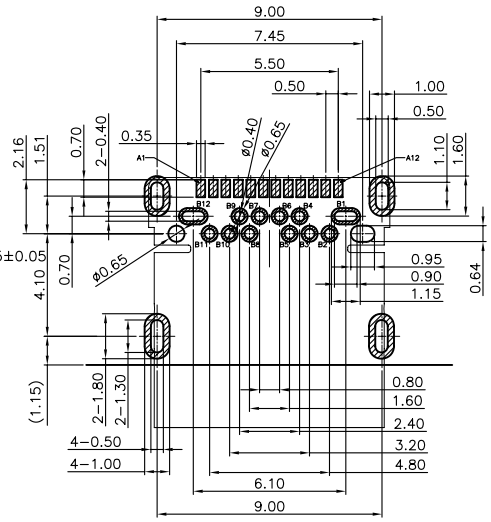
Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTXp1	Second	B11	SSRXp1	Second
A3	SSTXn1	Second	B10	SSRXn1	Second
A4	V_{BUS}	First	B9	V_{BUS}	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	V_{BUS}	First	B4	V_{BUS}	First
A10	SSRXn2	Second	B3	SSTXn2	Second
A11	SSRXp2	Second	B2	SSTXp2	Second
A12	GND	First	B1	GND	First
SHELL		GND	SHELL		GND





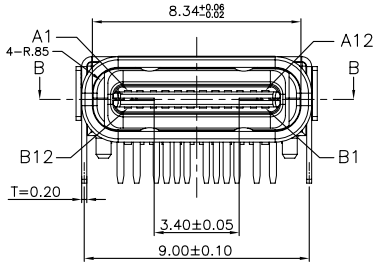
SECTION B-B

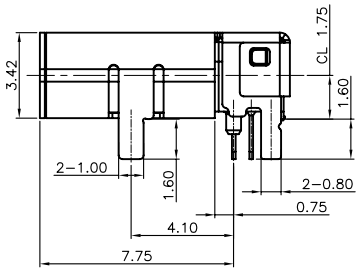


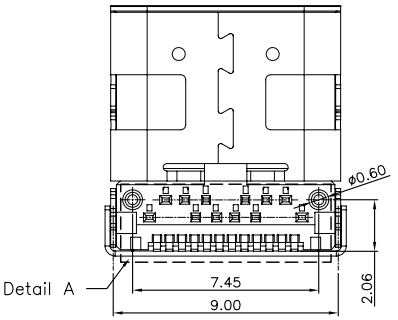
RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)

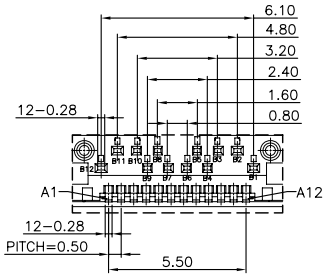
TOLERANCE FOR PCB LAYOUT IS ± 0.05

KEEP OUT AREA

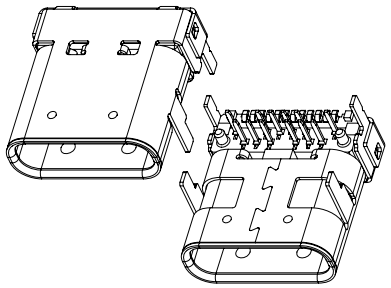








Detail A



NOTE:
1.MATERIAL:
1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0;
1.2 CONTACT: COPPER ALLOY(T=0.15mm)
1.3 SHELL:STAINLESS STEEL(T=0.20mm)
2.ELECTRICAL CHARACTERISTICS;
2.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
2.2 CONTACT CURRENT RATING: 5A FOR V_{BUS} PIN; 1.25A FOR V_{CONN} PIN.
2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
2.4 INSULATION RESISTANCE 100MΩ Min
2.5 OPERATING TEMPERATURE: -40°C ~ 85°C
3 MECHANICAL CHARACTERISTICS:
3.1 MATING FORCE: 5~20 N.
3.2 UNMATED FORCE: 8~20N AFTER TEST
3.3 DURABILITY: 10,000 CYCLES
4.PLATING
4.1 TERMINAL CONTACT: (SEE TAB) GOLD PLATING ALL OVER 50u" Min NICKEL AND 80u"Min Tin ALL OVER 50u" Min NICKEL ON SOLDER AREA
4.2 SHELL: 50u" Min. NICKEL ALL OVER,

东莞市欧盈电子科技有限公司

REV.	ECN NO.	DESCRIPTION	DRAW	CHECK	APPV.	DATE
A0		NEW RELEASE	John.H	KITTY.C	JASON.W	14-08-20

UNLESS OTHERWISE SPECIFIED TOLERANCES

	METRIC
X. +/-	0.5
.X +/-	0.38
.XX +/-	0.25
FRACTIONS +/-	
ANGLES +/-	2.00°

DIMENSIONS (METRIC) (MM)

APPROVAL	DATE
DRW. Jason	2014.08.20
CHK.	
APV.	
DCM ADD	

ANGLE OF PROJECTION

USB 3.1 C TYPE Female
CL1.75 DIP+SMT TYPE

PART NO.
SEE TABLE

DWG NO. DWG-UBAF31-XXX | SIZE A4 | REV. A0

SCALE 1:1 | ITEM A | SHEET 1 OF 1