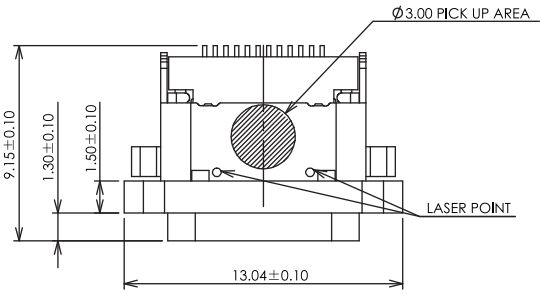
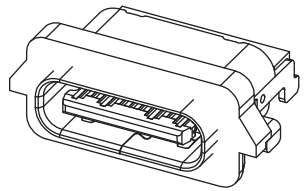


REV	DESCRIPTION	DATE
A	Initial Release	17.11.30



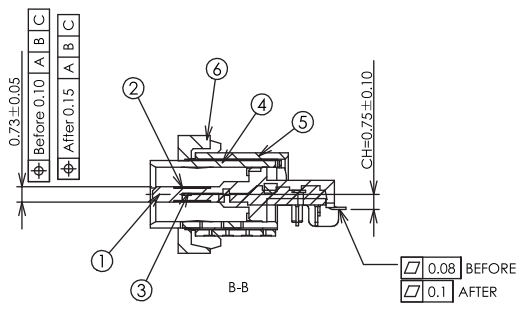
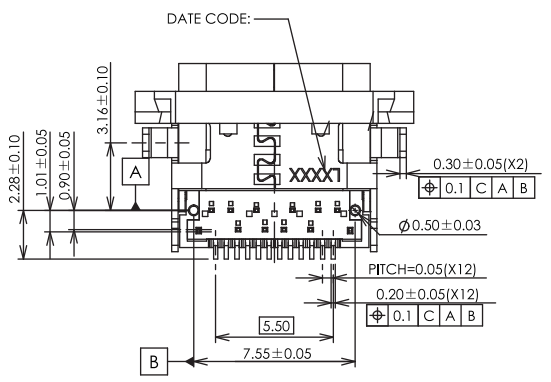
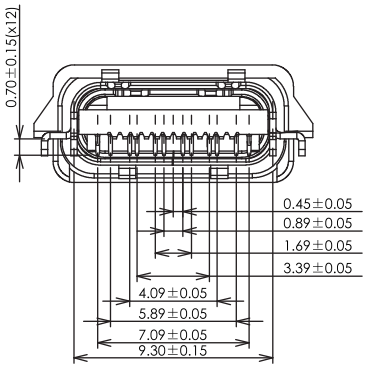
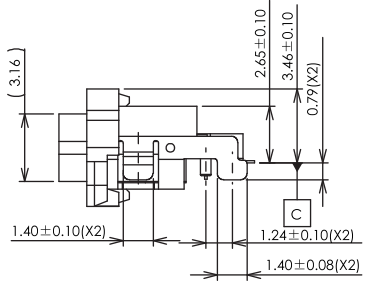
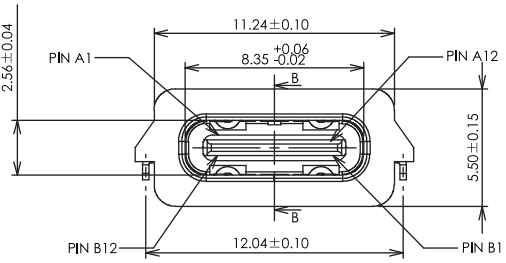
L XX XX
 ① ② ③
 1.factory
 (L:longgang T:tianjing K:kunshan)
 2.year(00~99)
 3.week(0~53)
 wood pitch=0.2mm/word hing=1.0mm



- NOTES:
- ELECTRICAL CHARACTERISTICS:
 - LOW LEVEL CONTACT RESISTANCE:
INITIAL: 30ohm FOR VBUS AND GND CONTACT MAX
40ohm FOR OTHER CONTACT MAX
AFTER: 10ohm MAX CHANGE.
 - DIELECTRIC WITHSTANDING VOLTAGE:
100 VAC FOR 1 MINUTE SEA LEVEL.
 - INSULATION RESISTANCE:
100 ohm MIN.
 - CURRENT RATING:
VBUS AND GND CONTACTS RATED AT 1.25A EA.
PARALLELED FOR A TOTAL OF 5A.
 - MECHANICAL CHARACTERISTICS:
 - DURABILITY: 10,000 CYCLES:
 - INSERTION FORCE: 20N MAX
 - EXTRACTION FORCE:
0~1000 CYCLE 8 N MIN. 20N MAX
1001~10000 CYCLE 6 N MIN. 20N MAX.
 - OPERATING TEMPERATURE: -40°C to +120°C
 - WATERPROOF GRADE: IPX4

PART NUMBER CODE
 UB31CR31-PS4-24FKxx x
 T 2 3 4 5

- Contact Positions:
24: 24 pins
- Contact Type:
F: Female Receptacle
- Insulator Color
W: White
- Contact Plating:
5: 30u" Solder Tail Plated Gold Flash,
Under Plated Ni 70~120u"
- Housing Material:
2: LCP



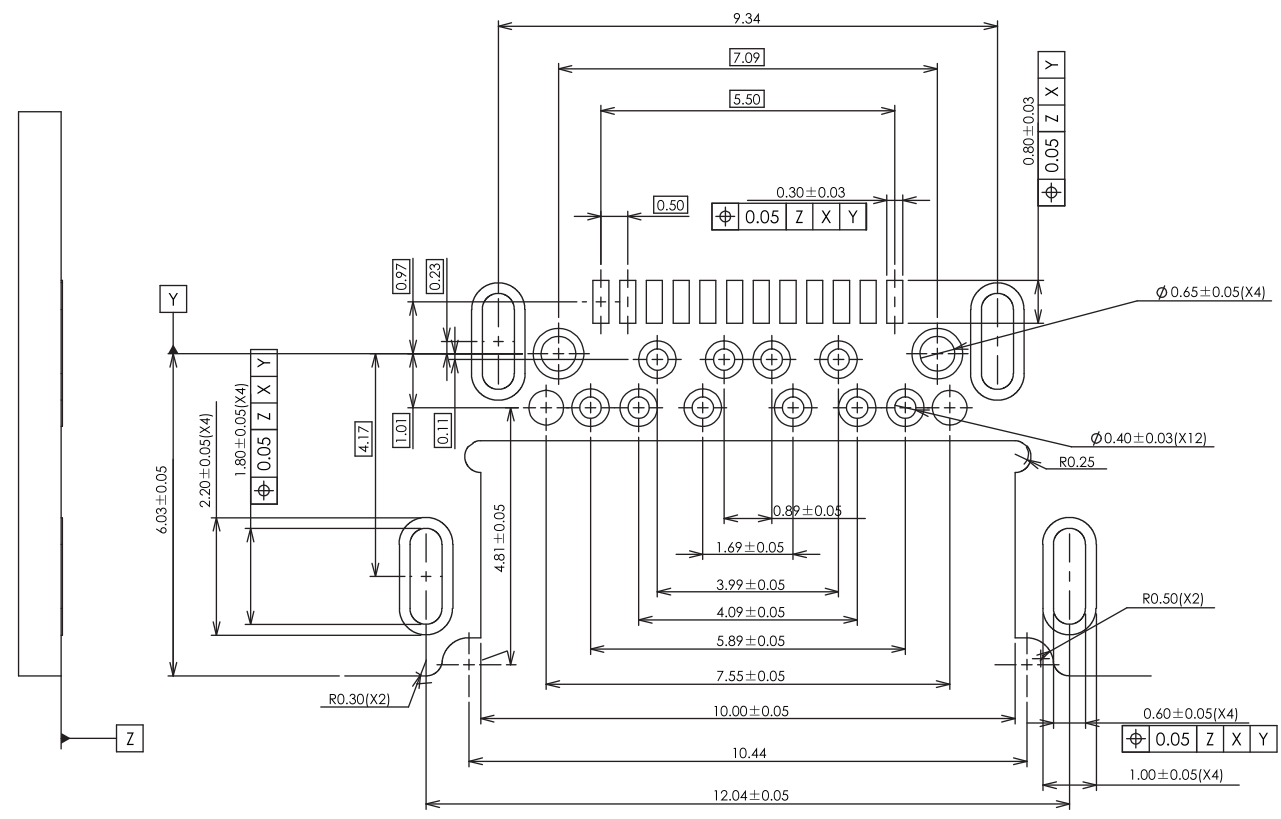
6	OUTER PLASTIC	1	HI-TEMP.G.F. UL94V-0
5	OUTER SHELL	1	METAL/SOLDERABLE NI PLATED
4	MAIN SHELL	1	METAL/NI PLATED
3	GROUND PLATED	1	METAL/SOLDERABLE NI PLATED
2	CONTACT	24	COPPER ALLOY//Au PLATED
1	HALF PRODUCT	1	HI-TEMP.G.G UL94V-0
ITEM	NAME	QTY	MATERIAL/FINISH

PIN NO.	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
SIGNAL NAME	GND	SSTXp1	SSTXn1	VBUS	CC1	Dp1	Dn1	SBU1	VBUS	SSRXn2	SSRXp2	GND
PIN NO.	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
SIGNAL NAME	GND	SSRXp1	SSRXn1	VBUS	SBU2	Dn1	Dp1	CC2	VBUS	SSTXn2	SSTXp1	GND

TOLERANCES UNLESS OTHERWISE SPECIFIED
 GENERAL: ±0.38
 X: ±0.25
 XX: ±0.13
 XXX: ±0.05
 ANGLES: X°: ±3.0°
 Y°: ±2.0°
 Z°: ±1.0°


		DRAWN BY		TOMMY
		CHECKED		
TITLE:		TYPE C RECEPTACLE MID MOUNT TYPE CH=0.65 FOR USB 3.0 GEN1		
PART NO:		UB31CR31-PS4-24FK		
SCALE	4:1	REV	A	
UNIT	mm			

REV	DESCRIPTION	DATE
A	Initial Release	17:11.30



RECOMMENDED PCB LAYOUT
 THICKNESS IS 0.8mm
 TOLERANCE ±0.05mm

TOLERANCES UNLESS OTHERWISE SPECIFIED	
GENERAL	±0.38
X	±0.25
XX	±0.13
XXX	±0.05
ANGLES	
X°	±3.0°
XX°	±2.0°
XXX°	±1.0°

 PANSTRONG COMPANY LTD.				DRAWN BY		TOMMY	
				CHECKED			
TITLE:				TYPE C RECEPTACLE MID MOUNT TYPE CH=0.65 FOR USB 3.0 GEN1			
PART NO:				UB31CR31-PS4-24FK			
SCALE		4:1	REV	A	UNIT	mm	