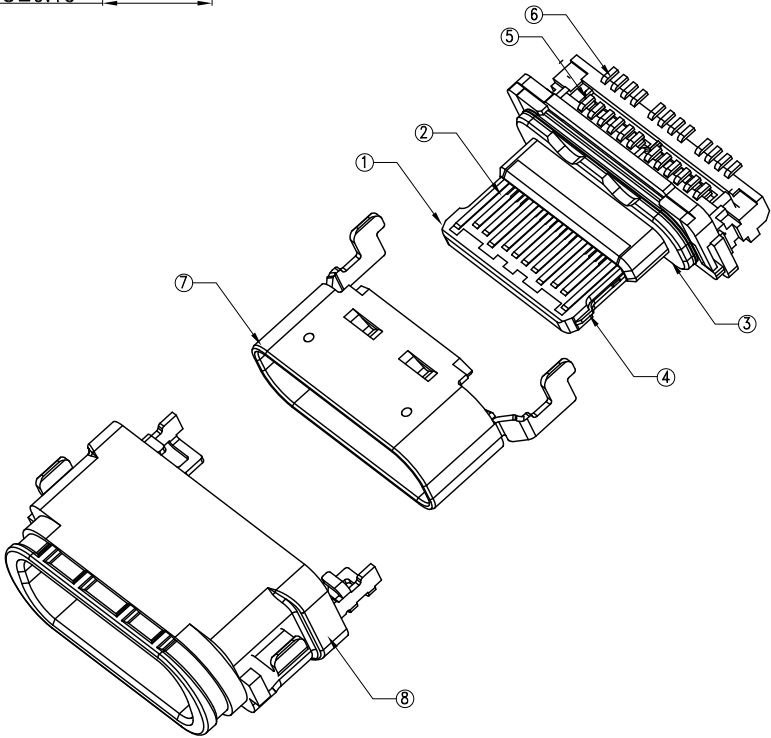
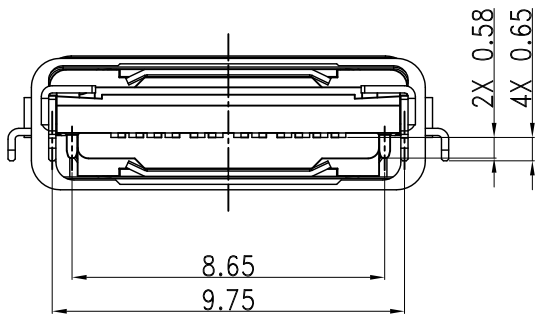
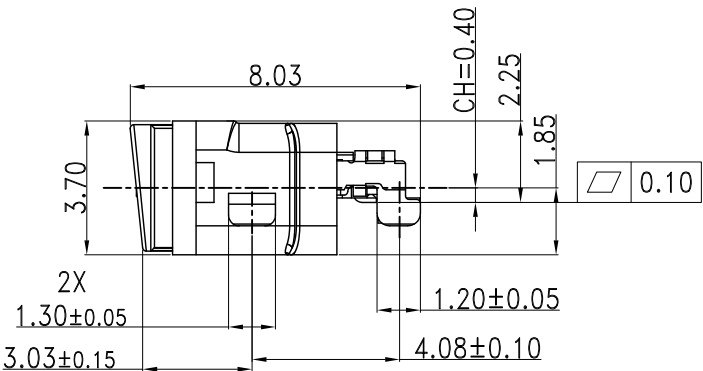
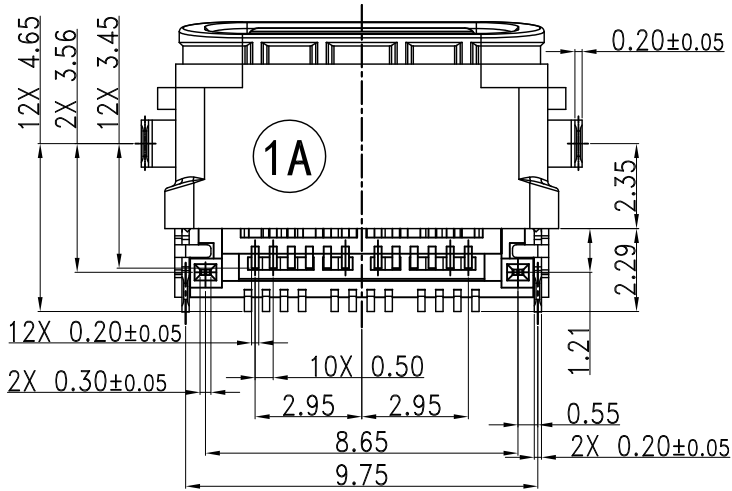
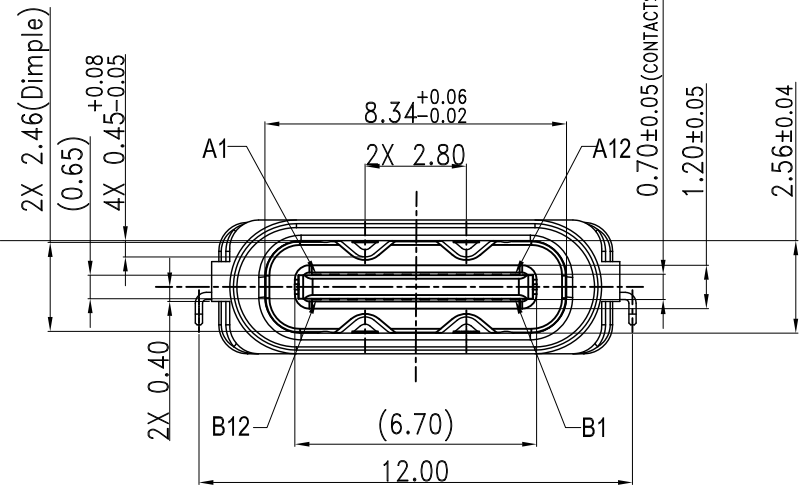
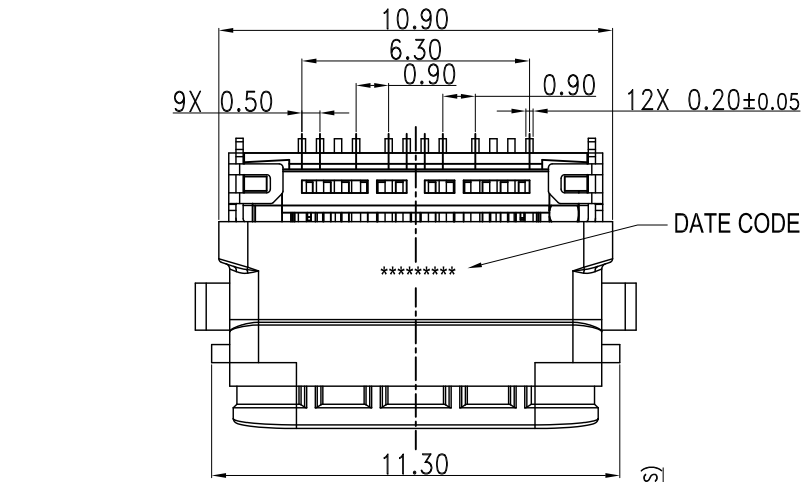


REV	ECN.NO.	MODIFY.CONTENT	DATE
X1	1706****	INITIAL RELEASE	2017.06.08
X2	1707****	MODIFY DESCRIPTION OF BILL	2017.07.31
X3	1808****	MODIFY THE DIMENSION	2018.08.27

Notes:
1.Material:SEE BILL OF MATERIAL
2.Tongue position:0.12mm Max.
3.No burrs are allowed on the contact area and solder tail area,the maximum allowed stamping burr is 0.05mm unless otherwise.
4.Specification
Operation Temperature: -40℃to +85℃
Voltage Rating: 30V AC RMS
Insulation Resistance: Initial 1000 MΩ Min.
100 MΩ after environment test
Soldering Heat Resistance: 260℃
Durability: 10,000 Cycles
Mating force : 5N~20N
Un-mating force:6N~20N

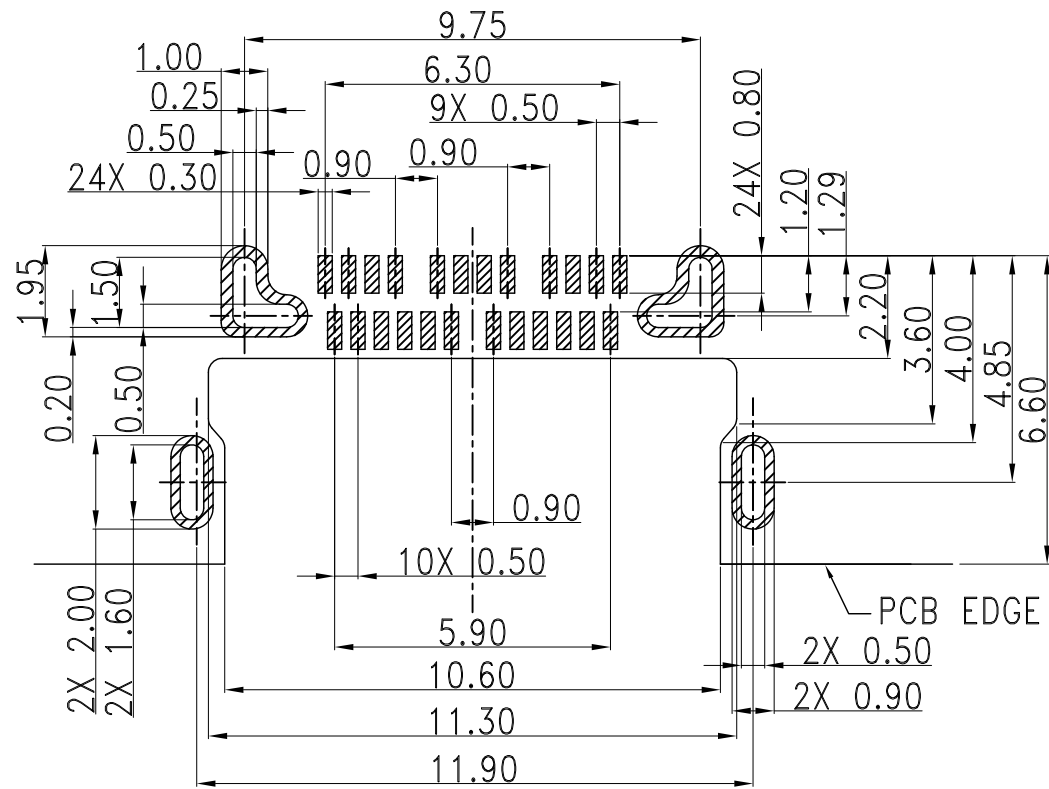
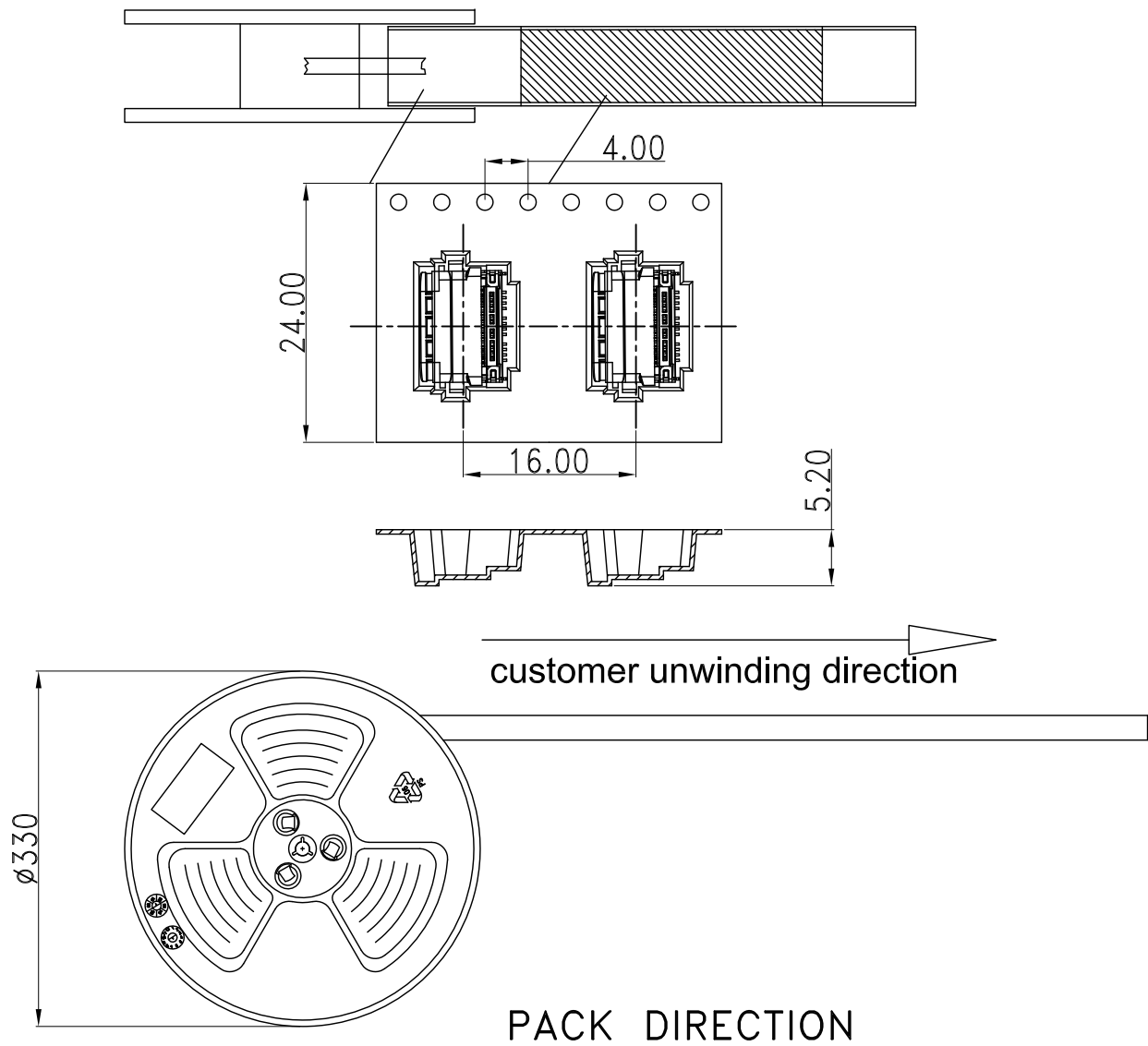
Pin No	Signal Name	Mating Sequence	Pin No	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	TX1+	Second	B11	RX1+	Second
A3	TX1-	Second	B10	RX1-	Second
A4	Vbus	First	B9	Vbus	First
A5	CC1	Second	B8	SBU2	Second
A6	D+	Second	B7	D-	Second
A7	D-	Second	B6	D+	Second
A8	SBU1	Second	B5	CC2	Second
A9	Vbus	First	B4	Vbus	First
A10	RX2-	Second	B3	TX2-	Second
A11	RX2+	Second	B2	TX2+	Second
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	



8	SHELL HOUSING	1	High-TEMP. PLASTIC	BLACK
7	SHELL	1	STAINLESS STEEL	SOLDER NICKEL: 50U" MIN
6	TOP TERMINAL	1	COPPER ALLOY	MATING SIDE:30u" AU MIN;
5	BOTTOM TERMINAL	1	COPPER ALLOY	MATING SIDE:30u" AU MIN;
4	MID PLATE	1	STAINLESS STEEL	SOLDER NICKEL: 50U" MIN
3	TOP HOUSING	1	High-TEMP. PLASTIC	BLACK
2	BOTTOM HOUSING	1	High-TEMP. PLASTIC	BLACK
1	MAIN HOUSING	1	High-TEMP. PLASTIC	BLACK
ITEM	DESCRIPTION	Q'TY	MATERIAL	FINISH
BILL OF MATERIAL				

GENERAL TOLERANCE		FILE.NO.	12401839	PART.NO.	124018392112A	DRAWN	Dave.Ye	MATERIAL			SCALE	4:1
X.±0.50		x.°±5°	REV.	X3	TITLE	USB TYPE C CONNECTOR	CHECKED	Weison.Lu	DATE	2017.08.27	UNIT	MM
.X±0.38		.x°±2°	SIZE		SHEET	1/2	APPROVED	Tom	Amphenol Shouhmin Industry			
.XX±0.25		.xx±1°	A4									

REV	ECN.NO.	MODIFY.CONTENT	DATE



RECOMMENDED PCB LAYOUT
(Tolerance= ± 0.05)

GENERAL	TOLERANCE	FILE.NO.	12401839	PART.NO.	124018392112A	DRAWN	Dave.Ye	MATERIAL		SCALE	4:1
X. ± 0.50	x. $\pm 5^\circ$	REV.	X3	TITLE	USB TYPE C CONNECTOR	CHECKED	Weison.Lu	DATE	2017.08.27	UNIT	MM
.X ± 0.38	.x $\pm 2^\circ$	SIZE		SHEET	2/2	APPROVED	Tom	Amphenol Shouhmin Industry			
.XX ± 0.25	.xx $\pm 1^\circ$	A4									