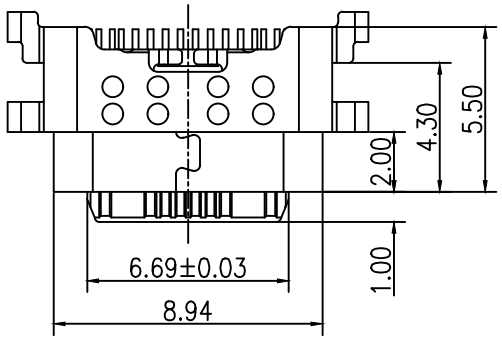
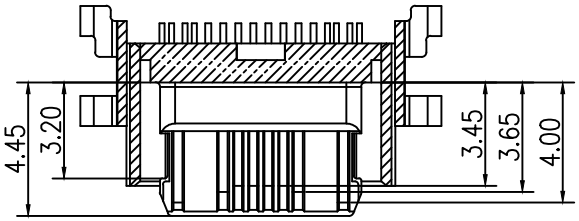
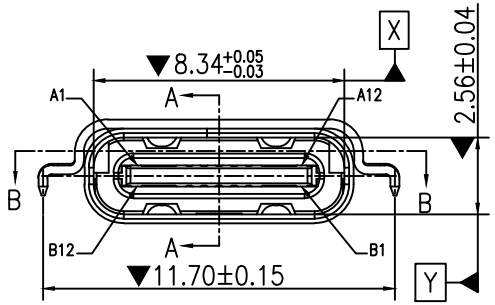
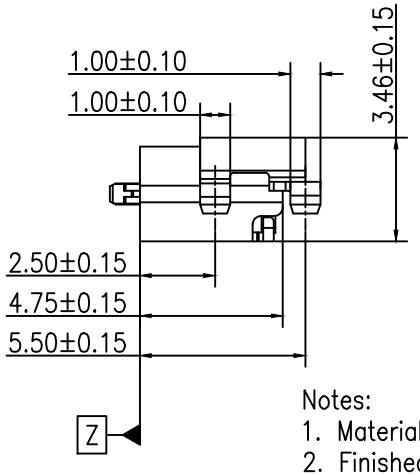
Rev.	ECN Number	Description	Date	Drawn	Checkd	Approved
X1	ECN172580	Original	2017.11.09	Felix	/	Sam
A	ECN180362	电镀规格变更	2018.04.04	David	/	Felix

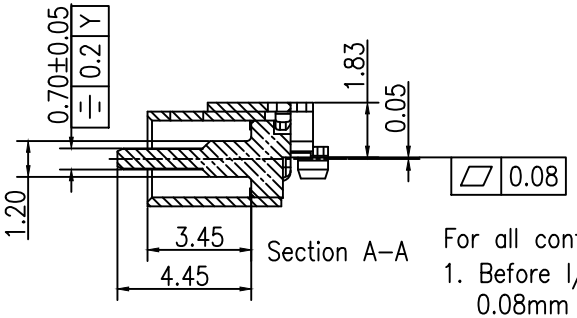




Section B-B

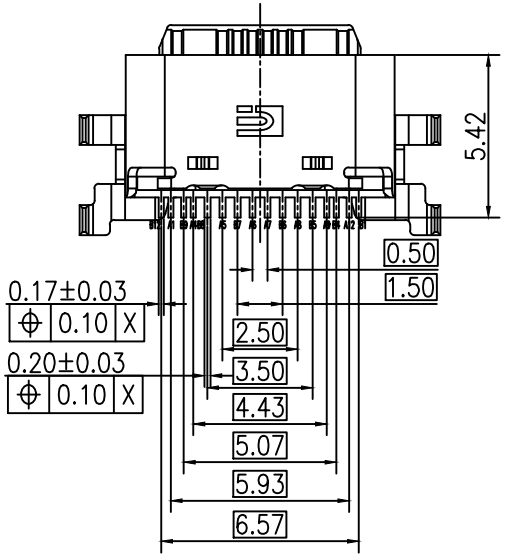






Section A-A

For all contact tails
1. Before I/R reflow 0.08mm Max.
2. After I/R reflow 0.10mm Max.



Notes:
1. Material: See Table A
2. Finished: See Table A
3. Electrical specification:
   3.1 Voltage rating: 24VAC
   3.2 Current rating: 5A
   3.3 Insulation resistance: 100Mohm Min.
   3.4 Withstanding Strength: 300VAC for 1minute
   3.5 Contact resistance:
   Intial: V_{BUS}/GND pin 30mohm Max.; Other pin 40mohm Max.
   After durability: Delta +10mohm
4. Mechanical specification:
   4.1 Insertion force: 5~20N; Extraction force: 8~20N
   4.2 Durability: 10,000 cycles
5. "▼" is major dimension for QC inspection
6. Hazardous substances must be in accordance with ECT control standard

ELECTRIC CONNECTOR TECHNOLOGY

GENERAL TOLERANCE	
X. ±0.40	
.X ±0.25	X.° ±3.0°
.XX ±0.15	.X° ±2.0°
.XXX ±0.10	.XX° ±1.0°

SCALE: 4:1	DRAWN Felix	DATE 2018.04.04	DWG. NO. 600-12096-01
UNIT: mm	CHECK .	DATE	PARTS NO.(INTENDED USE) 818012096
SIZE: A4	APPROVE	DATE	TITLE Customer Drawing USB 2.0 Type-C Receptacle 16Pin

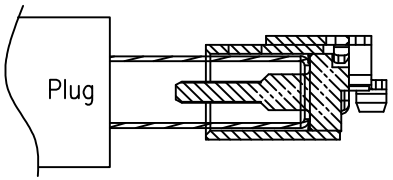
REV. A

SHEET 1/2

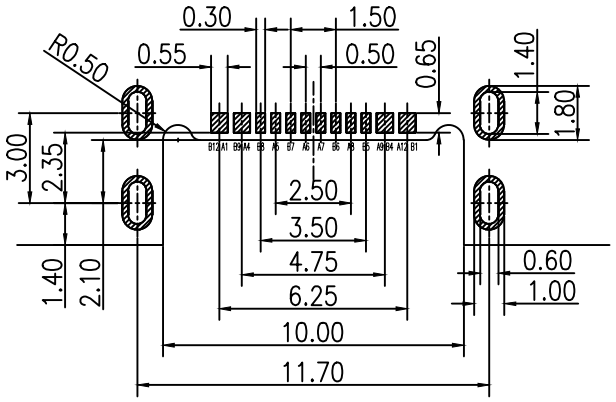
Rev.	ECN Number	Description	Date	Drawn	Checkd	Approved
X1	ECN172580	Original	2017.11.09	Felix	/	Sam
A	ECN180362	电镀规格变更	2018.04.04	David	/	Felix

USB Type-C Receptacle Pin Assignments

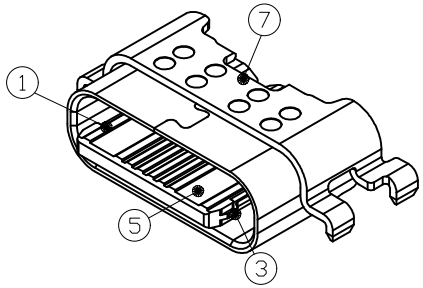
Pin No.	Signal Name	Pin No.	Signal Name
A1,A12	GND	B1,B12	GND
A4,A9	V_{BUS}	B4,B9	V_{BUS}
A5	CC1	B5	CC2
A6	Dp1	B6	Dp2
A7	Dn1	B7	Dn2
A8	SBU1	B8	SBU2



Mated Condition



Recommended PCB Layout



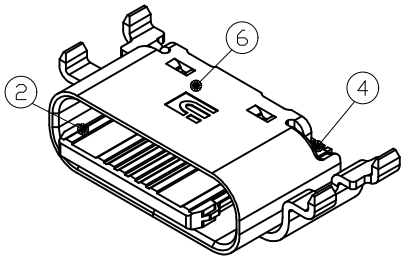


Table A

No.	Part Name	Q'ty	Description
7	Bracket	1	Stainless Steel, T=0.30mm, Ni 50u" plated all over
6	Shell	1	Stainless Steel, T=0.30mm, Ni 50u" plated all over
5	Over_HSG	1	High-Temperature Plastic, BK
4	Main_HSG	1	High-Temperature Plastic, BK
3	Middle_Plate	1	Stainless Steel, T=0.20mm, Ni 50u" plated all over
2	Bottom_TML	1	Copper Alloy, T=0.15mm Ni 50u" underplated all over Au 30u" in contact area, Au 1u" in solder tail A
1	Top_TML	1	

ELECTRIC CONNECTOR TECHNOLOGY

GENERAL TOLERANCE	
X. ±0.40	
.X ±0.25	X.° ±3.0°
.XX ±0.15	.X° ±2.0°
.XXX ±0.10	.XX° ±1.0°

SCALE: 4:1
UNIT: mm
SIZE: A4

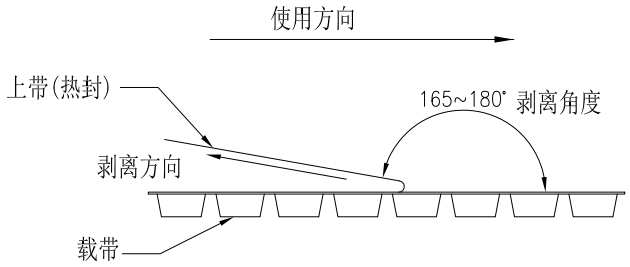
DRAWN	Felix	DATE 2018.04.04
CHECK	.	DATE
APPROVE		DATE

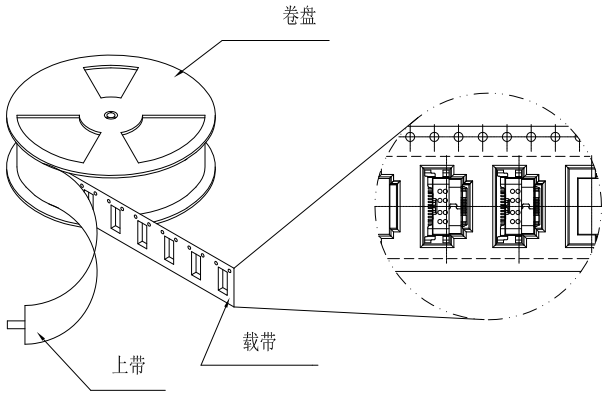
DWG. NO. 600-12096-01
PARTS NO.(INTENDED USE) 818012096

TITLE
Customer Drawing
USB 2.0 Type-C
Receptacle 16Pin

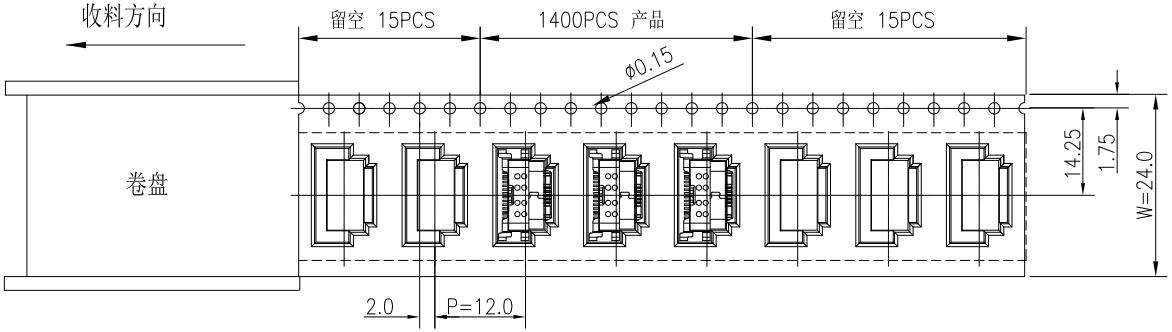
REV. A
SHEET 2/2

Rev.	ECN Number	Description	Date	Drawn	Checkd	Approved
X1	ECN172580	初版发行	2017.02.21	Felix	/	Sam



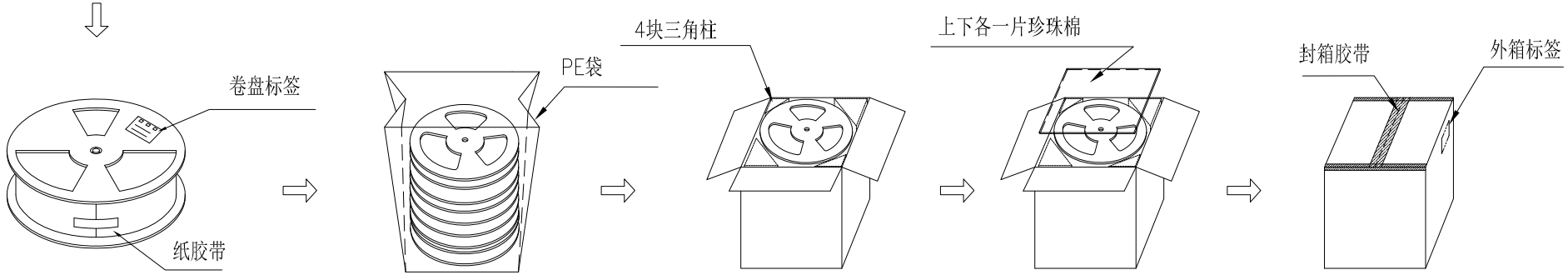


包装后出料方向示意图



备注:
如果纸箱未装满，则必须使用填充材料将其填满，如珍珠棉...等.

包装材料			Packing Number		
Item	P/N	Q'ty	Pcs/Reel	Reel/Carton	Pcs/Carton
外箱	840000602	1	1,400	10	14,000
卷盘	840000404	10			
PE袋	840000501	1			
载带	734338001	/			
上带	840000303	/			
三角柱	/	4			
标签	/	2+10			
珍珠棉	/	2			



ELECTRIC CONNECTOR TECHNOLOGY

GENERAL TOLERANCE	
X. ±0.25	X.° ±3.0°
.X ±0.15	.X° ±2.0°
.XX ±0.10	.XX° ±1.0°

SCALE: N/A	DRAWN David	DATE 2017.11.28	DWG. NO. 551-12096-01
UNIT: mm	CHECK	DATE	PARTS NO.(INTENDED USE) 818012096
SIZE: A4	APPROVE	DATE	

TITLE: Packing Drawing
Packing SPEC For USB Type-C 14P

REV. X1

SHEET 1/1