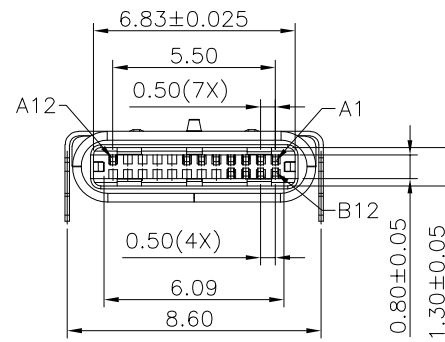
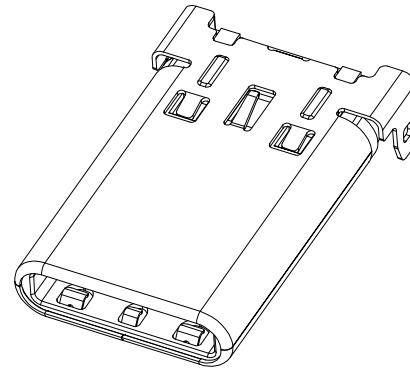
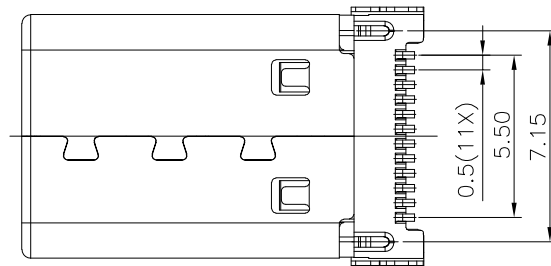
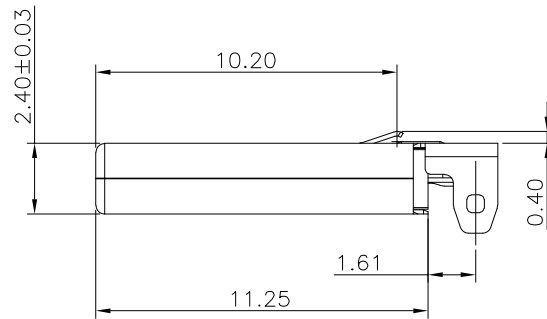
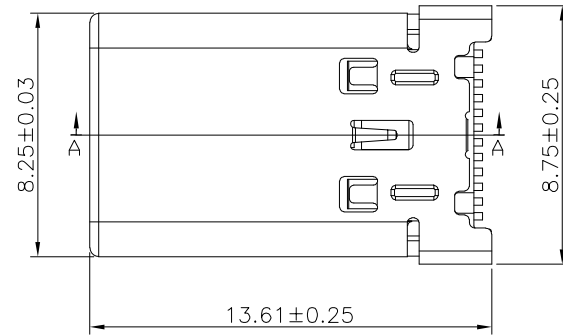




NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
- 2.CONTACTS: COPPER ALLOY
- 3.MID PLATE: STAINLESS STEEL
- 4.FRONT SHELL: STAINLESS STEEL
- 5.EMI PLATE: 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:

Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3.MID PLATE:

Ni 50u" MIN. UNDER PLATED OVER ALL.

2-4.EMI 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. CURRENT RATING:3.0A

VOLTAGE RATING:5.0V

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.

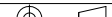
5. ENVIRONMENTAL PERFORMANCE:

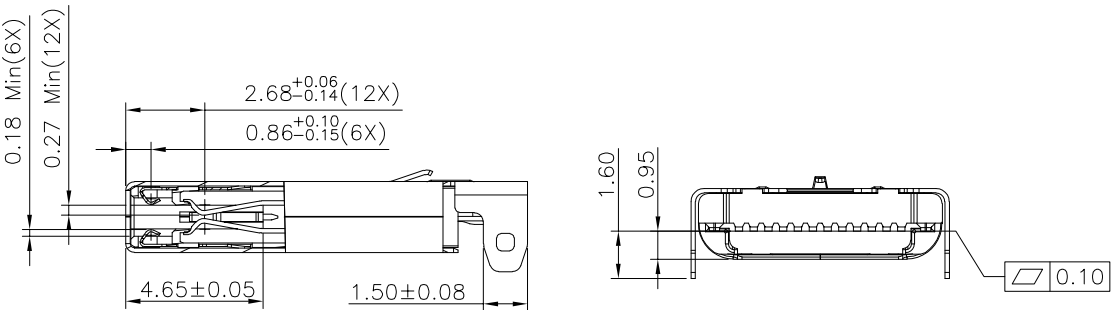
OPERATING TEMPERATURE: -25°C~+85°C.

6.IR REFLOW:

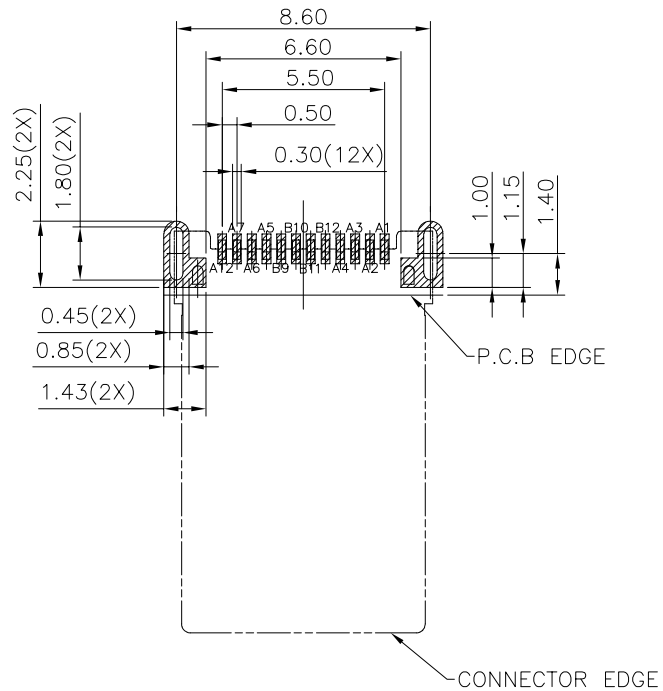
THE PEAK TEMPERATURE ON THE BOARD SHALL

BE MAINTAINED FOR 10 SECONDS AT 260°C.

GENERAL TOLERANCES		UNIT	mm			 杰康富精密电子有限公司 J K F precision Electronics Co., LTD								
DISTANCE X.	X.	±0.25	MATERIAL	SEE NOTES		TITLE:	TYPE-C 12PIN单排沉板SMT公头 两脚插板DIP L=13.60MM							
	.X	±0.20	FINISHED	SEE NOTES			PART NO.	JK-US1312AGB002R						
	.XX	±0.15	APPROCED	KATE DENG				DRAWING NO.						
	.XXX	±0.10	CHECKED	KATE DENG		SCALE	1:1		SIZE	A3	SHEET	1 OF 1	REV.	A
	ANGLE	X.	±3.0°	DESIGN	FAND									
	.X	±2.0°	DRAWN	Wang Yan										
	.XX	±1.0°												



SECTION:A-A
SCALE 1:1



RECOMMENDED PCB LAYOUT(TOP VIEW)
TOLERANCE:±0.05

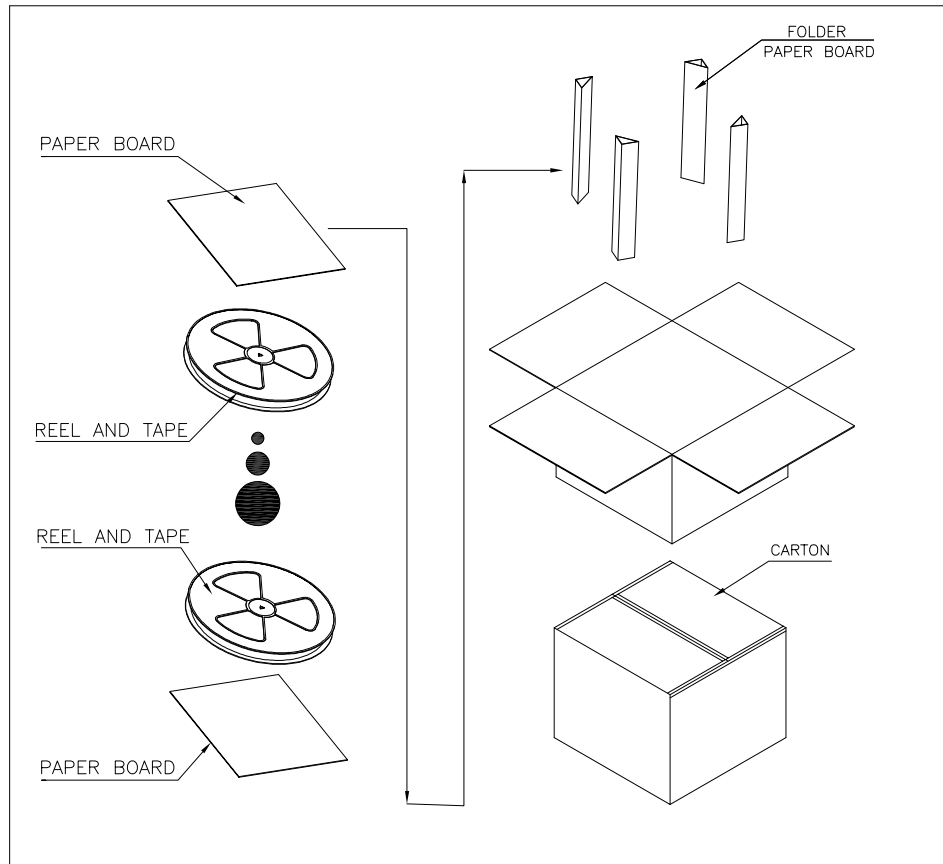
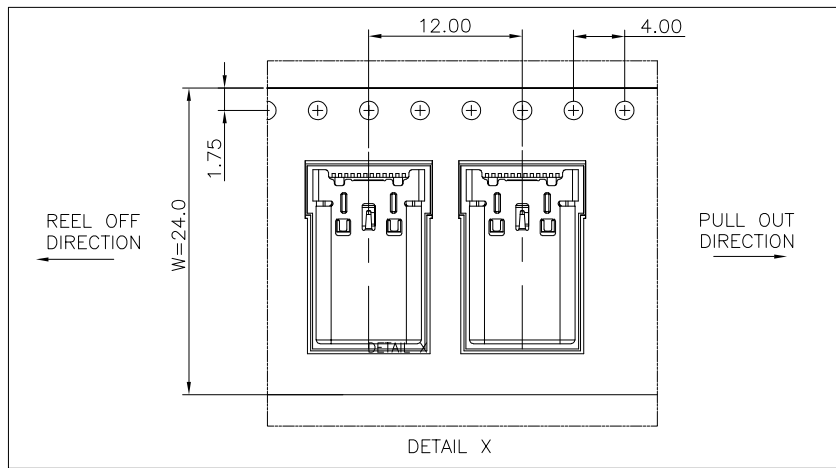
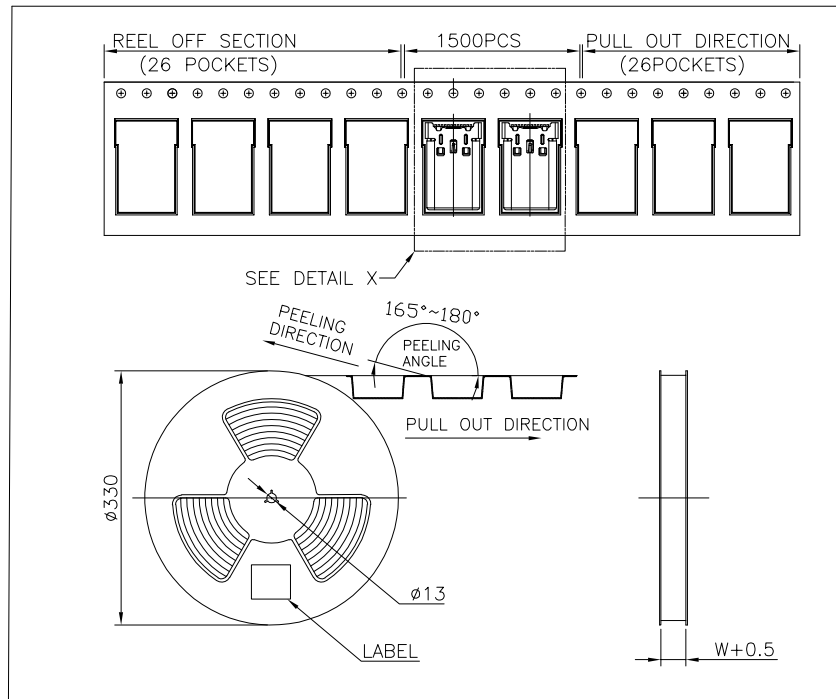
USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	
A6	Dp1	B7	
A7	Dn1	B6	
A8		B5	
A9		B4	
A10		B3	
A11		B2	
A12	GND	B1	

GENERAL TOLERANCES		UNIT	mm		
DISTANCE	X.	±0.25		MATERIAL	SEE NOTES
	.X	±0.20		FINISHED	SEE NOTES
	.XX	±0.15		APPROCED	KATE DENG
	.XXX	±0.10		CHECKED	KATE DENG
ANGLE	X.	±3.0°		DESIGN	FAND
	.X	±2.0°		DRAWN	Wang Yan
	.XX	±1.0°			

杰康富精密电子有限公司 J K F precision Electronics Co., LTD	
TITLE:	TYPE-C 12PIN单排沉板SMT公头 两脚插板DIP L=13.60MM
PART NO.	JK-US1312AGB002R
DRAWING NO.	

SCALE	1:1	SIZE	A3	SHEET	1 OF 1	REV.	A
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	REEL	CARTON
CONNECTOR (PCS)	1500	15000

REV.	ECN NO.	DESCRIPTION	DRAW/DATE	CHECKED	APPROVED
Frame_A3	Rev.F2013/09/10	9	8	7	6

GENERAL TOLERANCES	UNIT	mm	
DISTANCE X.	MATERIAL	SEE NOTES	
.X ± 0.25	FINISHED	SEE NOTES	
.X ± 0.20	APPROCD	KATE DENG	
.XX ± 0.15	CHECKED	KATE DENG	
.XXX ± 0.10	DESIGN	FAND	
ANGLE	DRAWN	Wang Yan	
X. $\pm 3.0^{\circ}$			
.X $\pm 2.0^{\circ}$			
.XX $\pm 1.0^{\circ}$			

TITLE:		TYPE -C 12PIN 单排沉板SMT 公头 两脚 插板DIP L=13.60MM	
PART NO.		JK-US1312AGB002R	
DRAWING NO.			
SCALE	1:1	SIZE	A3
SHEET	1 OF 1	REV.	A