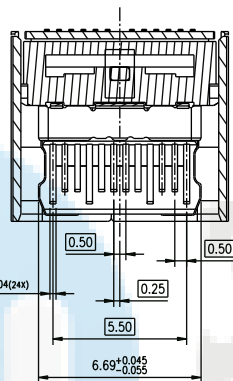
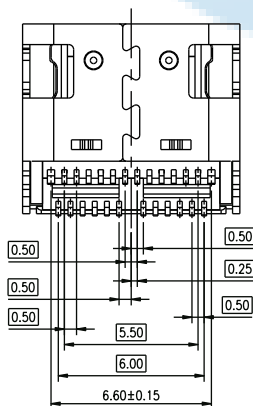
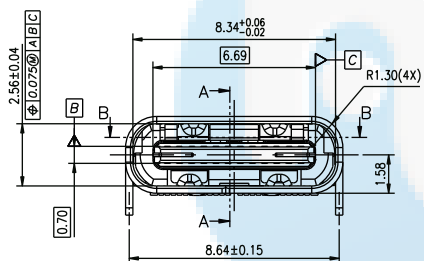
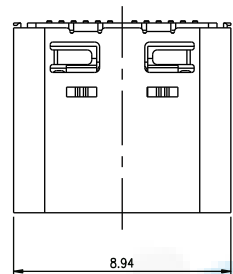
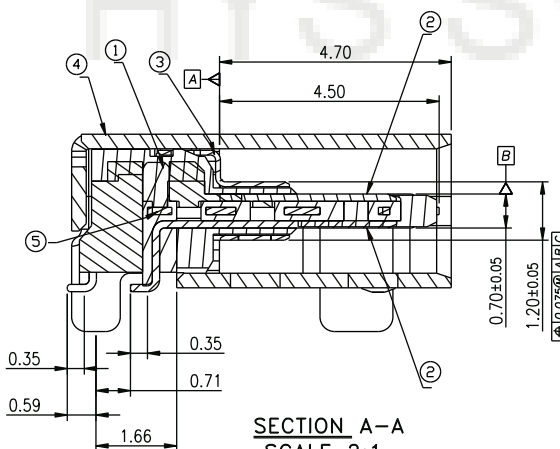
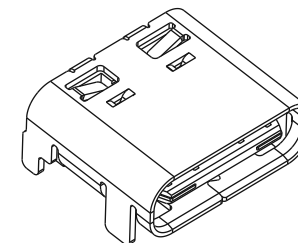
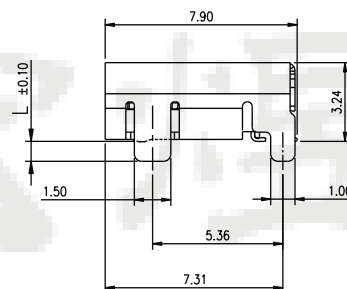
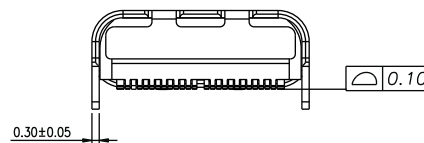


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SECTION B-B
SCALE 1:1

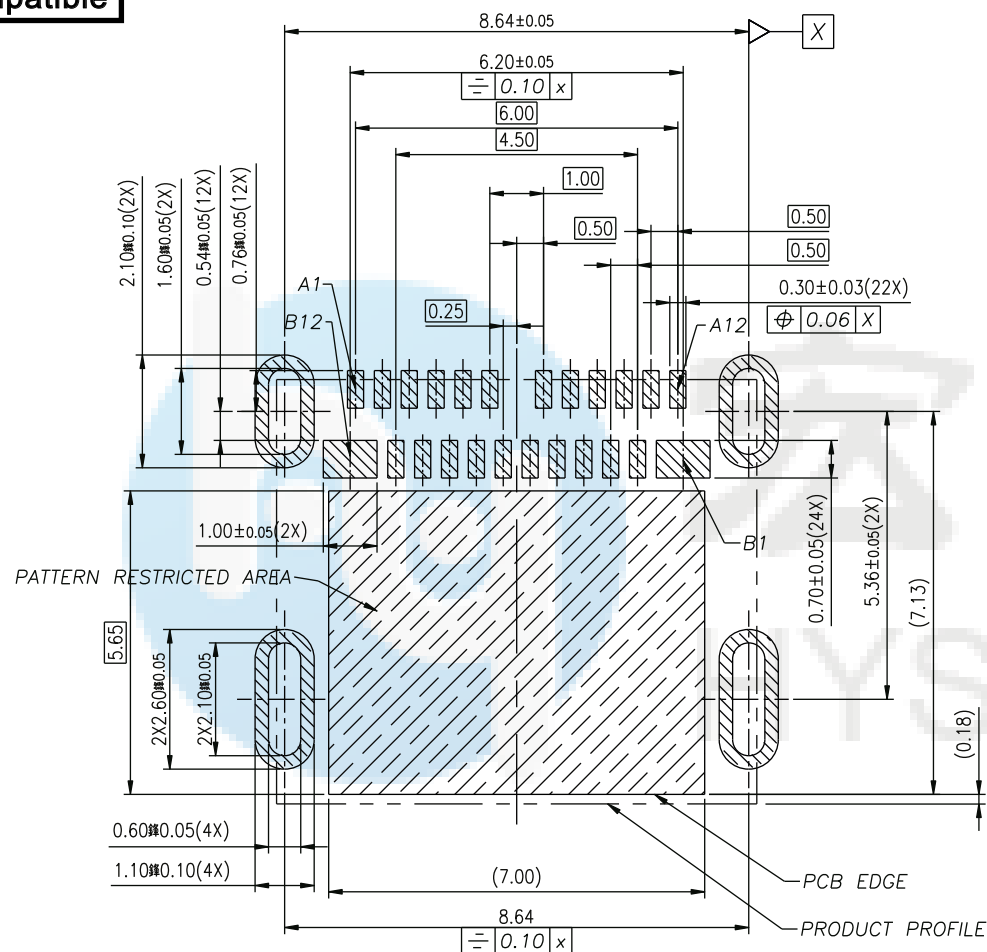


SECTION A-A
SCALE 2:1

U5 111- 24P x XXJ 7.9L XX
↓ ↓ ↓ ↓ ↓ ↓ ↓
名称 流水号 PIN位 N;母座 J;脚长 L;长度 端子电镀规格
01=镀金1u"
15=镀金15u"
30=镀金30u"

DESIGN	Li Jinwei	SCALE		 TOLERANCE X.X ±0.30 X.°±2° .XX ±0.20 X.°±1° .XXX ±0.10 .XX°±0.5°	DRAWG NO.	 东莞市宏煜盛实业有限公司 Dongguan hongyusheng Industry Co., Ltd TEL: 0769-81230179 https://www.hystypec.com
DRAWING	Wu Qifa	UNIT	mm		U5111-24PNXXJ7.9LXX	
CHECK	Zheng Jinxian	SIZE	A4: 210 * 297		TITLE:	
APPROVAL	Liu Xiaohong	DATE	2020-06-10		24P 板上型四脚插板SMT 7.9L 仿Molex	

ROHS
Compatible



RECOMMENDED PCB LAYOUT(TOP VIEW)
DEFAULT TOLERANCE: ± 0.05

NOTE:

1.MATERIAL SPECIFICATION:

- 1-1.HOUSING: LCP UL94 V-0 BLACK.
- 1-2.CONTACTS: C7025-TM02/C18400-R540 T=0.15mm
- 1-3.EMI SPRING: SUS304-1/2H T=0.10mm
- 1-4.FRONT SHELL: SUS304-1/2H T=0.3mm
- 1-5.MIDDLE BLADE: SUS301-H T=0.15

2.PLATING SPECIFICATION:

- 2-1.CONTACTS:
Ni 30u" MIN. UNDER PLATED OVER ALL.
1-30u" Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
Au GOLD FLASH PLATED ON SOLDER AREA.
- 2-2.EMI SPRING:
CLEANING ONLY
- 2-3.FRONT SHELL:
Ni 50u" MIN. UNDER PLATED OVER ALL.
- 2-4.MIDDLE BLADE:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au G/F" Min PLATED ON SOLDER AREA.

3.MECHANICAL PERFORMANCE,

- 3-1.INSERTION FORCE: 5~20N
- 3-2.REMOVAL FORCE: 8~20N FROM 1 TO 1000 CYCLES
6~20N FROM 1001 TO 10000 CYCLES
- 3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

- 4-1. CURRENT RATING: 5.0A FOR VBUS PINS (Pin A4,A9,B4,B9)
1.25A FOR GND PINS (PIN A1,A12,B1,B12)
0.25A FOR OTHER PINS

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: -30°C~+85°C.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

PIN ASSIGNMENT

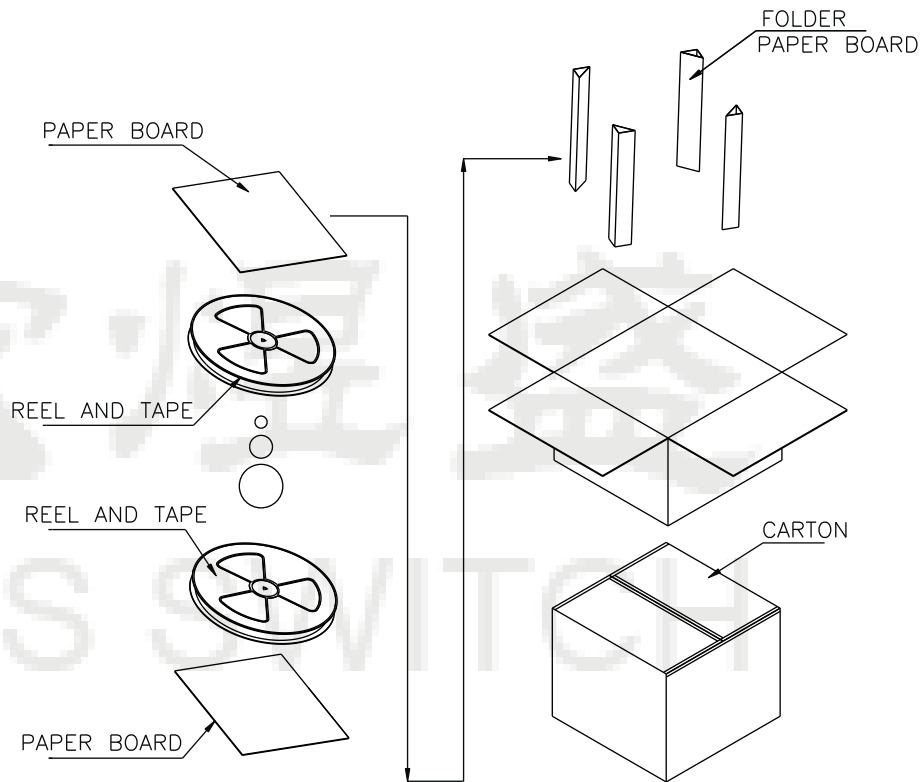
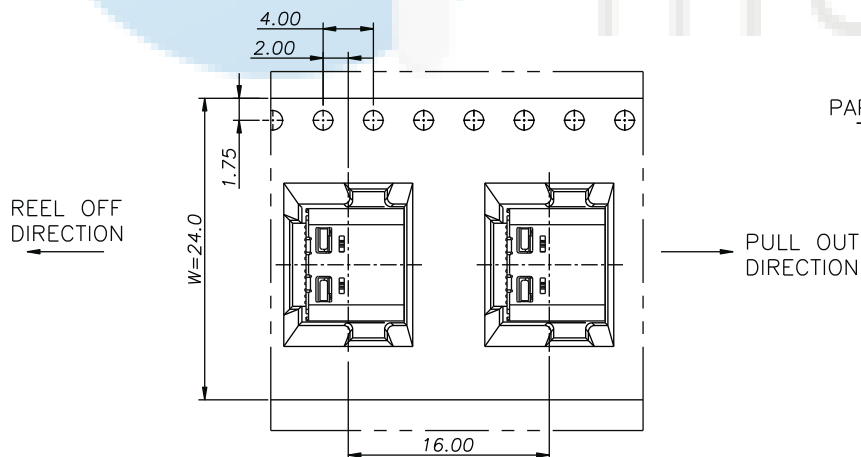
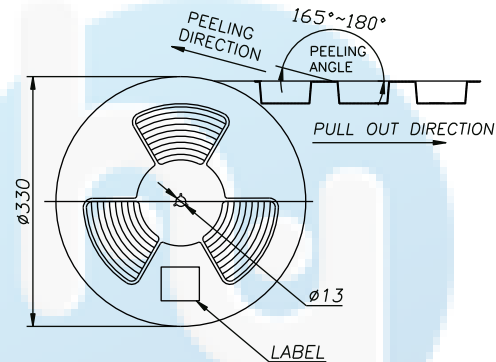
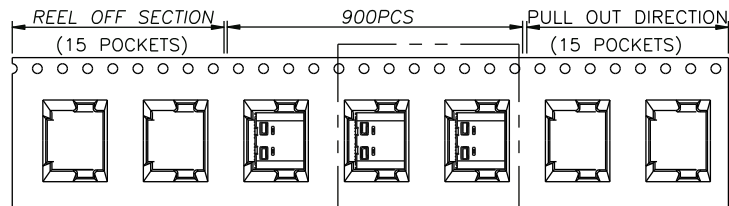
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

DESIGN	Li Jinwei	SCALL		⌀	DRAWG NO.
DRAWING	Wu Qifa	UNIT	mm	TOLERANCE	U5111-24PNXXJ7.9LXX
CHECK	Zheng Jinxian	SIZE	A4: 210 * 297	X.X ±0.30 X.° ±2°	TITLE:
APPROVAL	Liu Xiaohong	DATE	2020-06-10	.XX ±0.20 .X° ±1°	24P 板上型四脚插板SMT 7.9L 仿Molex
				.XXX ±0.10 .XX° ±0.5°	



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	REEL	CARTON
CONNECTOR (PCS)	900	9000

DESIGN	Li Jinwei	SCALL		 TOLERANCE X.X ±0.30 X.°±2° .XX ±0.20 .X° ±1° .XXX ±0.10 .XX°±0.5°	DRAWG NO.	U5111-24PNXXJ7.9LXX
DRAWING	Wu Qifa	UNIT	mm		TITLE:	24P 板上型四脚插板SMT 7.9L 仿Molex
CHECK	Zheng Jinxian	SIZE	A4: 210 * 297			
APPROVAL	Liu Xiaohong	DATE	2020-06-10			

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