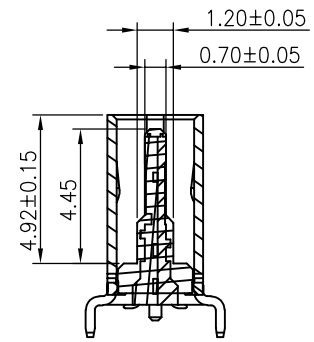
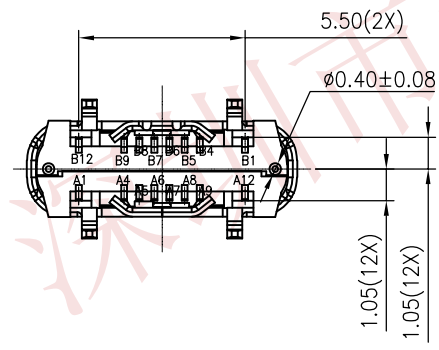
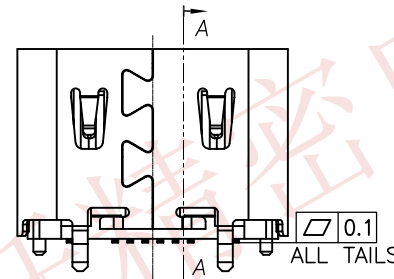
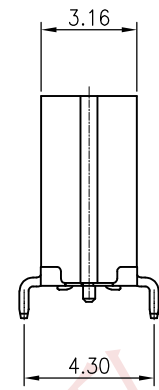
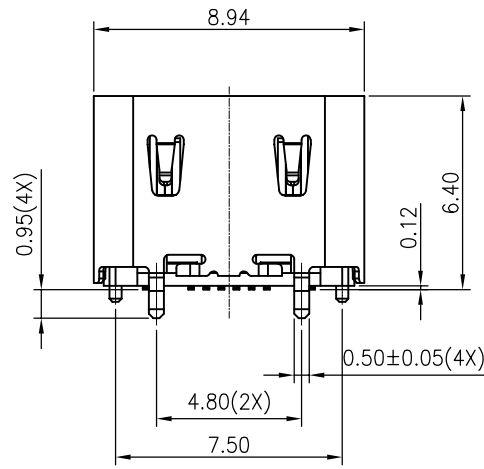
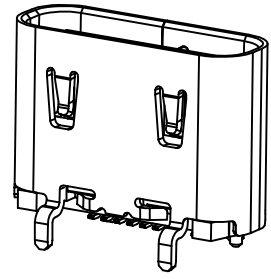
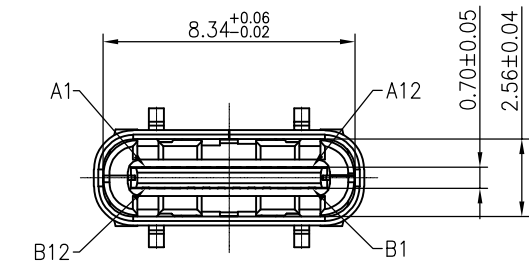


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RoHS & HF
Compliant

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	ECN NO.	INITIAL RELEASED	2026.08.11	JANUS

- NOTE:
- 1.MATERIAL SPECIFICATION:
1.HOUSING:LCP(E6808), UL94 V-0.
2.TERMINAL: COPPER ALLOY(C18150)
3.MID PLATE: STAINLESS STEEL(SUS301)
4.FRONT SHELL: STAINLESS STEEL(SUS304)
 - 2.PLATING SPECIFICATION:
2-1.TERMINAL:
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 50u" MIN. UNDER PLATED OVER ALL.
2-3.MID 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. VOLTAGE RATING:48 V DC/AC (RMS. MAX)
CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN,0.25AMPS. FOR ALL OTHER CONTACT.
4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN 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: -40°C~+105°C.
 - 6.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.



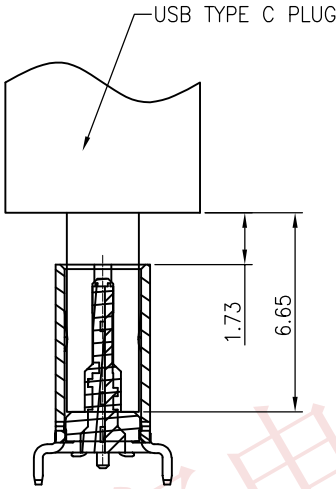
SECTION:A-A

TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	XSUA® 深圳市新升跃精密电子有限公司 SHENZHEN XINSHENGYUE PRECISION ELECTRONICS CO., LTD			
X.X ±0.30	X.* ±10°	PART NO.	TITLE: TYPEC母座16PIN直立式6.4MM 板上脚长0.95			
.XX ±0.20	.X* ± 8°	101009-211010				
.XXX ±0.10	.XX* ± 5°	DESIGN: JANUS	DRAWG NO. C-101009			
UNIT	mm	CHED: JANUS				
MATERIAL	---	APPD: ARAY		SCALE	SHEET	REV.
FINISH	---			1:1	1/3	A

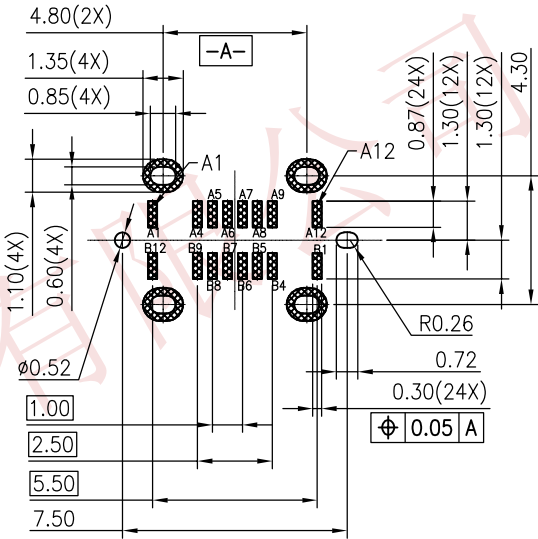
RoHS & HF
Compliant

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBus	B9	VBus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBus	B4	VBus
A12	GND	B1	GND



FEMALE AND MALE MATCHING DRAWING



RECOMMENDED PCB LAYOUT(TOP VIEW)

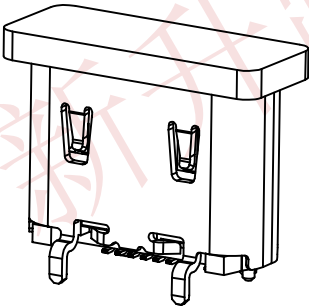
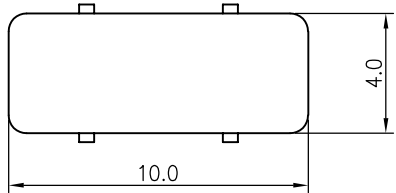
THICKNESS 0.8±0.1MM;DEFAULT TOLERANCE:±0.05

P/N: 101009-211010

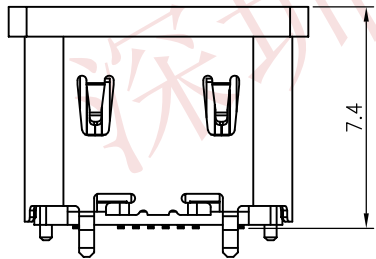
CONTACT FUNCTIONAL AREA PLATED
01: Au 1u"

CONTACT SOLDER AREA PLATED
1: Au G/F

PACKAGING
1: REEL PACKAGING



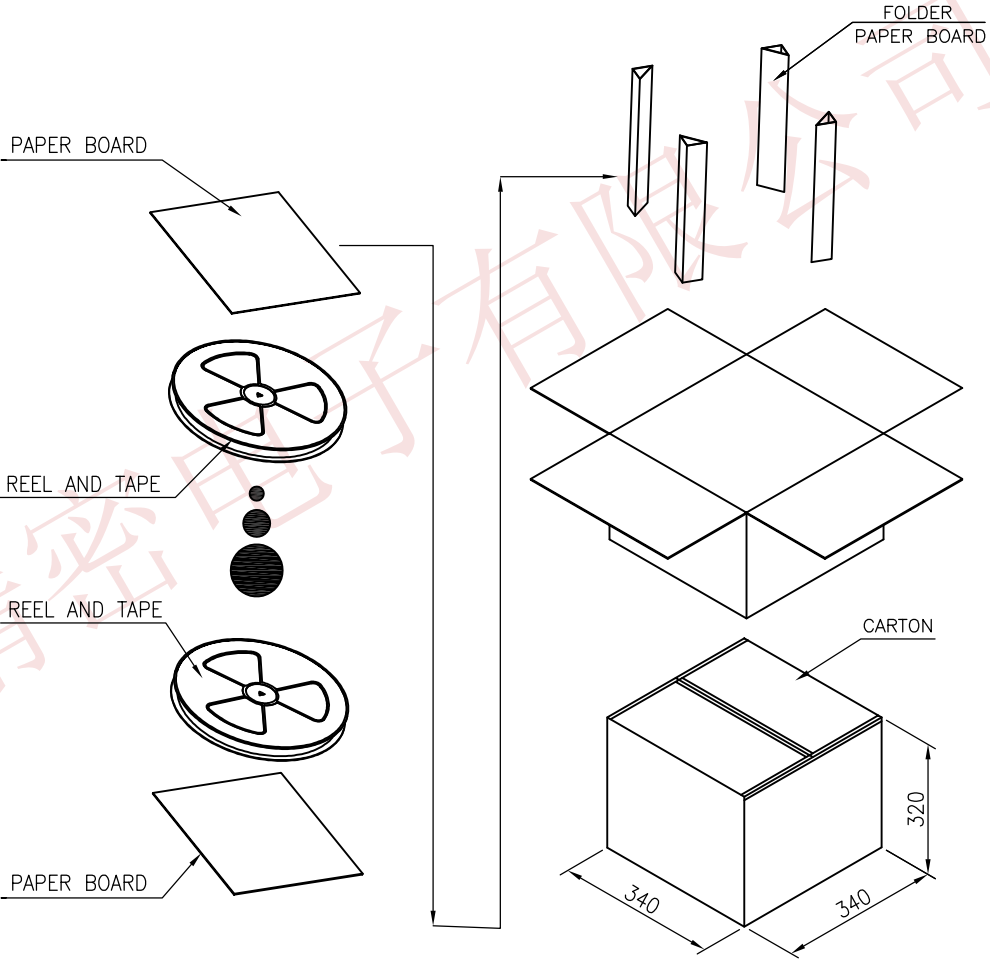
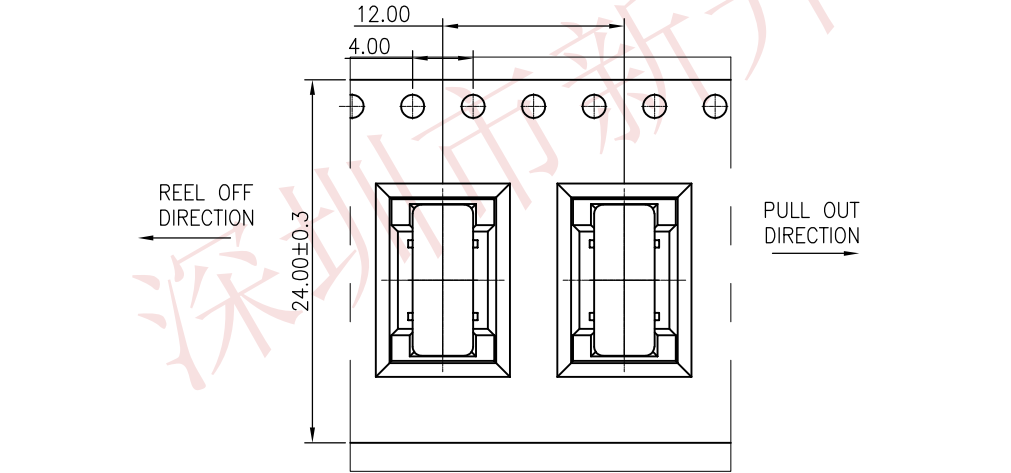
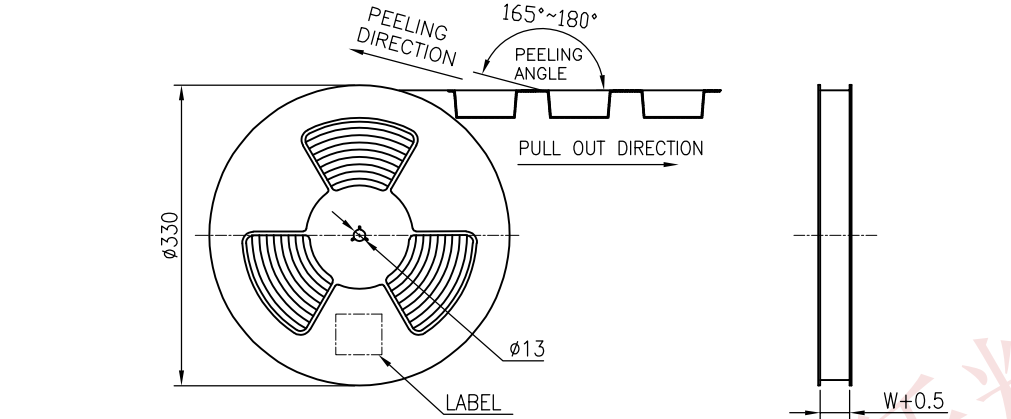
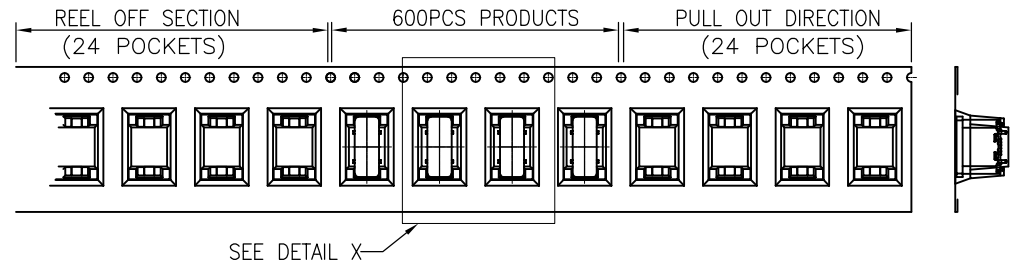
WITH COVER SCHEMATIC



TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	XSUA® 深圳市新升跃精密电子有限公司 SHENZHEN XINSHENGYUE PRECISION ELECTRONICS CO.,LTD		
X.X	±0.30	X.*	±10°	PART NO.	TITLE: TYPEC母座16PIN直立式6.4MM 板上脚长0.95
.XX	±0.20	.X*	± 8°	101009-211010	
.XXX	±0.10	.XX*	± 5°	DESIGN: JANUS	DRAWG NO.
UNIT	mm				C-101009
MATERIAL	---	CHED:	JANUS		
FINISH	---	APPD:	ARAY		
				SCALE	SHEET
				1:1	2/3
				REV.	A

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REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	ECN NO.	INITIAL RELEASED	2026.08.11	JANUS



				REEL/TRAY		CARTON			
				600		6000			
CONNECTOR (PCS)									
TOLERANCE				NAME(INTENDED USE) CUSTOMER DRAWING		XSUA® 深圳市新升跃精密电子有限公司 SHENZHEN XINSHENGYUE PRECISION ELECTRONICS CO., LTD			
X.X ±0.30		X.* ±10°		PART NO. 101009-211010		TITLE: TYPEC母座16PIN直立式6.4MM 板上脚长0.95			
.XX ±0.20		.* ± 8°		DESIGN: JANUS		DRAWG NO. C-101009			
.XXX ±0.10		XX.* ± 5°							
UNIT		mm		CHED: JANUS		SCALE 1:1 SHEET 3/3 REV. A			
MATERIAL		---		APPD: ARAY					
FINISH		---							