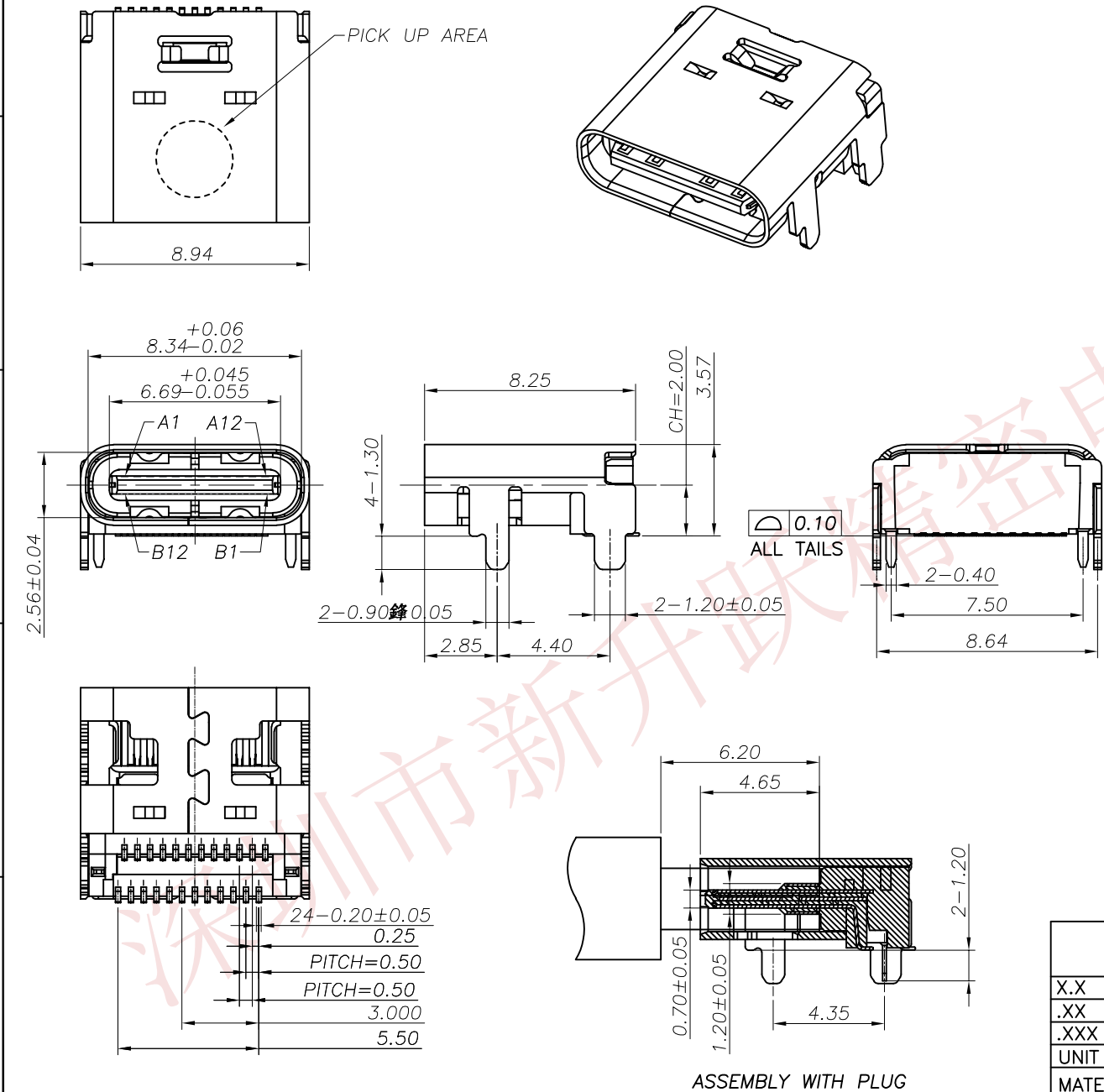


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RoHS & HF
Compliant

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



NOTE:

- MATERIAL SPECIFICATION:
 - HOUSING: LCP(E6808), UL94 V-0. BLACK
 - CONTACTS: COPPER ALLOY(C18150)
 - MID PLATE: STAINLESS STEEL(SUS301)
 - SHELL: STAINLESS STEEL(SUS304)
 - EMI PLATE: STAINLESS STEEL(SUS304)
- PLATING SPECIFICATION:
 - 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
 - SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.
 - MID PLATE:
Ni 30u" MIN. UNDER PLATED OVER ALL.
Sn 80u" MIN. PLATED OVER ALL
 - EMI PLATE:
Ni 50u" MIN. UNDER PLATED OVER ALL.
- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5-2.0kgf.
 - REMOVAL FORCE: 0.8kgf-2.0kgf.
 - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - VOLTAGE RATING: 48V DC/AC (RMS. MAX);
CURRENT RATING: 5AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN, 0.25AMPS. FOR ALL OTHER CONTACT.
 - LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -40℃~+105℃.
- IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260℃.

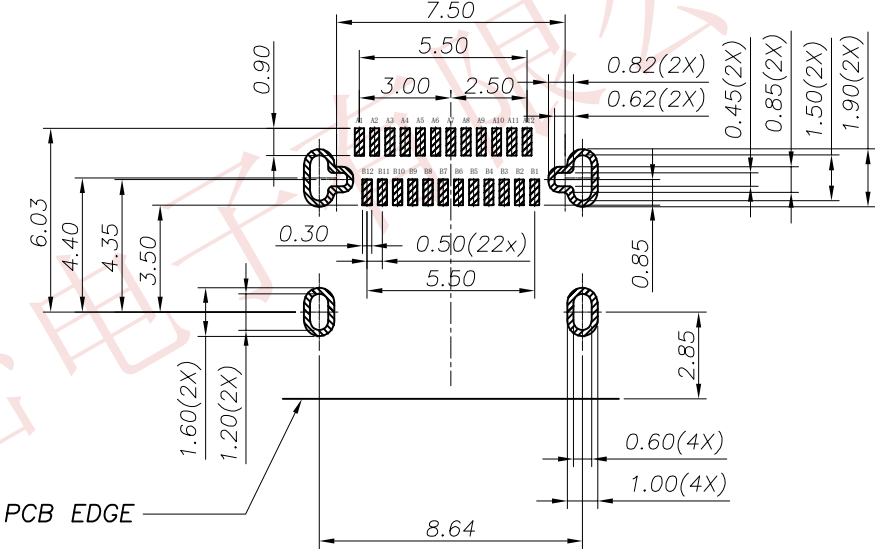
TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	XSUA® 深圳市新升跃精密电子有限公司 SHENZHEN XINSHENGYUE PRECISION ELECTRONICS CO., LTD			
X.X	±0.30	X.* ±10'	PART NO.	TITLE: TYPEC母座24PIN单壳长8.25MM 板上脚长1.3 (CH=2.0) 40G		
.XX	±0.20	.X.* ± 8'	101031-211030			
.XXX	±0.10	.XX.* ± 5'	DESIGN: JANUS	DRAWG NO.		
UNIT	mm			C-101031		
MATERIAL	---		CHED: JANUS			
FINISH	---		APPD: ARAY			
				SCALE	SHEET	REV.
				1:1	1/3	A

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
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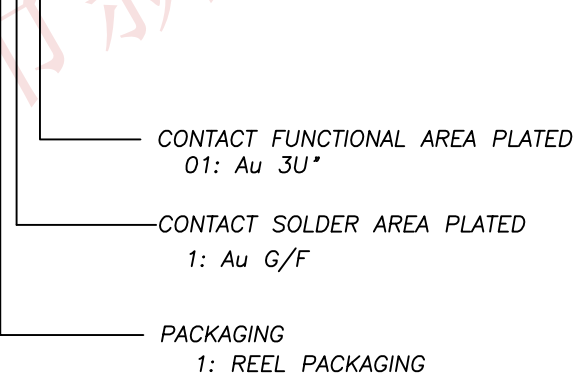
USB TYPE-C PIN ASSIGNMENTS

PIN	NUMBER	SIGNAL NAME	PIN	NUMBER	SIGNAL NAME
A1		GND	B12		GND
A2		TXp1	B11		RXp1
A3		TXn1	B10		RXn1
A4		VBUS	B9		VBUS
A5		CC1	B8		SBU2
A6		Dp1	B7		Dn2
A7		Dn1	B6		Dp2
A8		SBU1	B5		CC2
A9		VBUS	B4		VBUS
A10		RXn2	B3		TXn2
A11		RXp2	B2		TXp2
A12		GND	B1		GND



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.20MM;DEFAULT TOLERANCE:±0.05

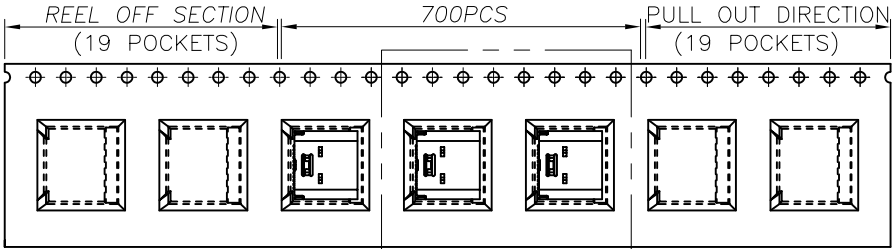
P/N: 101031-211030



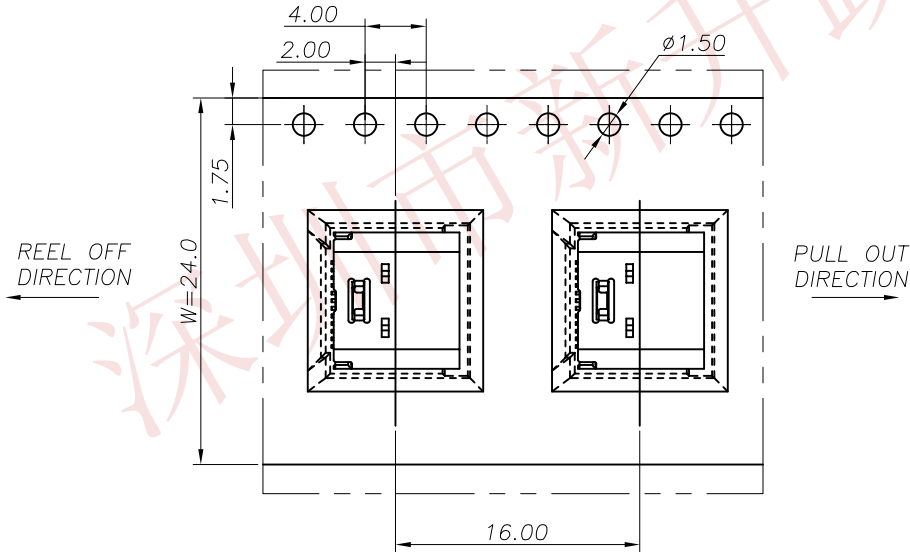
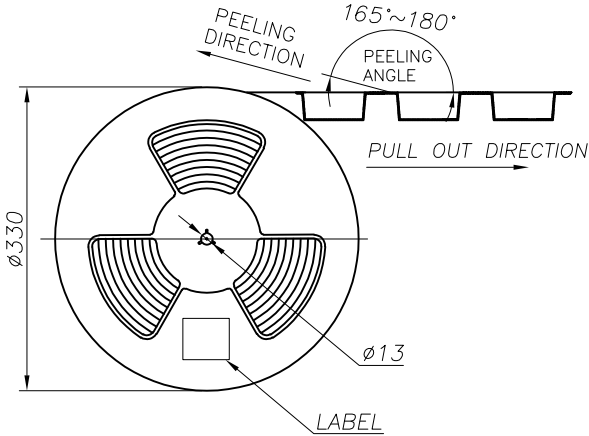
TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	XSUA® 深圳市新升跃精密电子有限公司 SHENZHEN XINSHENGYUE PRECISION ELECTRONICS CO., LTD		
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.XX	±0.20	.X.* ± 8'	101031-211030		
.XXX	±0.10	.XX.* ± 5'	DESIGN: JANUS	DRAWG NO.	
UNIT	mm			C-101031	
MATERIAL	---	CHED: JANUS			
FINISH	---	APPD: ARAY			
				SCALE	SHEET
				1:1	2/3
				REV.	A

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SEE DETAIL X



PAPER BOARD

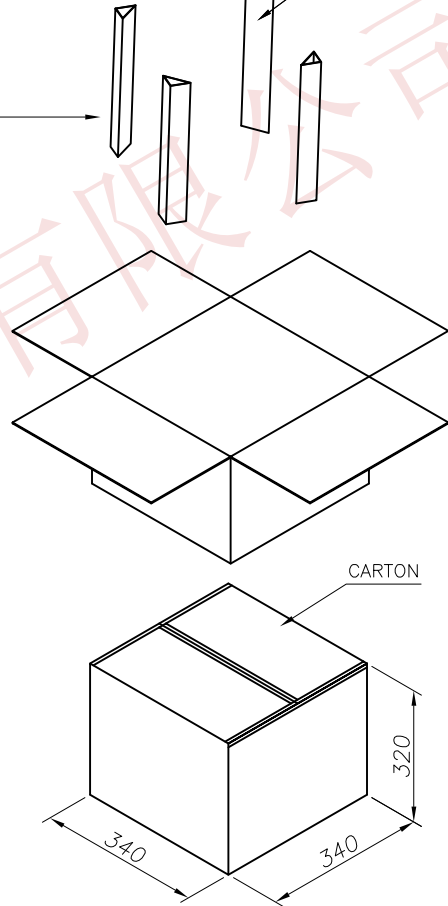
REEL AND TAPE

PE BAG

DESICCANT

PAPER BOARD

FOLDER
PAPER BOARD



		REEL	CARTON
CONNECTOR (PCS)		700	7000
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	
PART NO. 101031-211030		TITLE: TYPEC母座24PIN单壳长8.25MM 板上脚长1.3 (CH=2.0) 40G	
DESIGN: JANUS		DRAWG NO. C-101031	
MATERIAL		CHED: JANUS	SCALE 1:1
FINISH		APPD: ARAY	
			SHEET 3/3
			REV. A