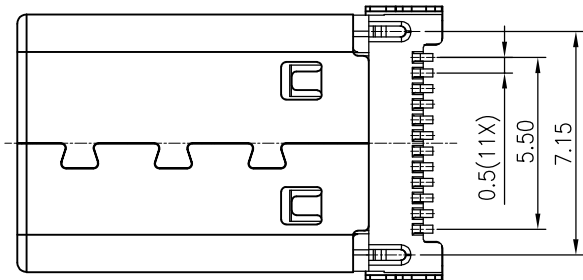
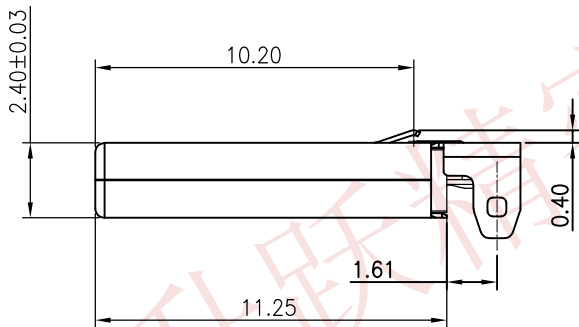
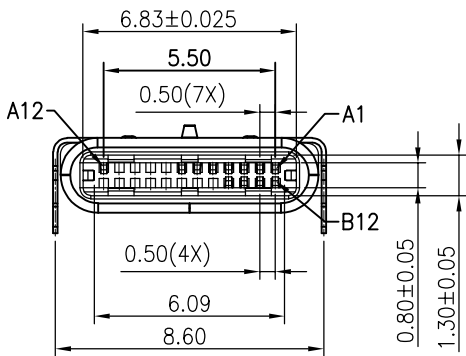
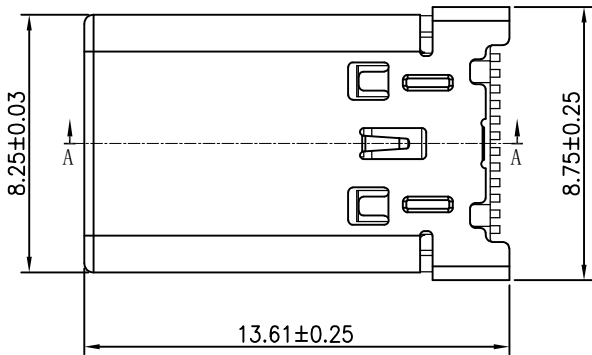
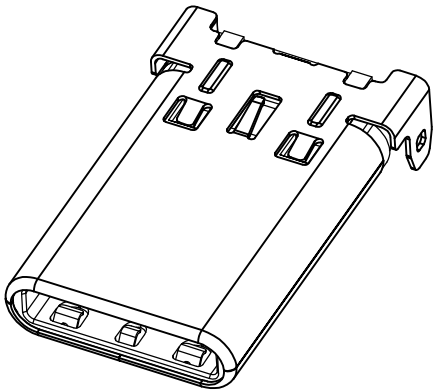


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RoHS & HF
Compliant



NOTE:

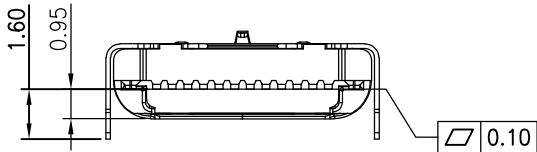
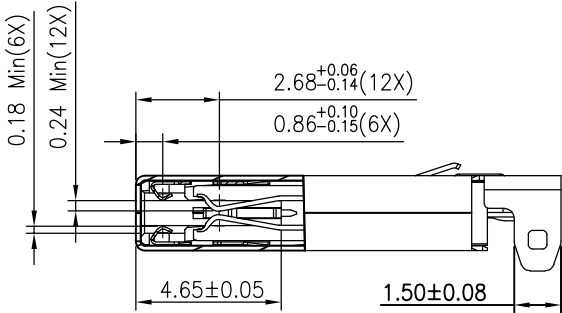
- 1.MATERIAL SPECIFICATION:
 - 1.HOUSING:LCP(E130i), UL94 V-0.
 - 2.CONTACTS:COPPER ALLOY(C7025)
 - 3.MID PLATE: STAINLESS(SUS301)
 - 4.FRONT SHELL: STAINLESS(SUS304)
 - 5.EMI PLATE: STAINLESS STEEL(SUS301)
- 2.PLATING SPECIFICATION:
 - 2-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE 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.VOLTAGE RATING:48V DC/AC (RMS. MAX);
CURRENT RATING:3 Amps MAX.FOR TOTAL VBUS PINS(PIN A9,B9),
0.6 Amps MAX. FOR VCONN (B5 OF PLUG) WITH RETURN PATH
THROUGH THE CORRESPONDING GND PINS (PIN A12, B12).
0.25 Amps MIN. FOR ALL OTHER CONTACT.
 - 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.

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公座12PIN, 端子SMT 铁壳DIP, 沉板0.95		
.XX	±0.20	.X' ± 8'	101019-210010			
.XXX	±0.10	.XX' ± 5'	DESIGN: JANUS	DRAWG NO.		
UNIT	mm		CHED: JANUS	C-101019		
MATERIAL	---		APPD: ARAY	SCALE	SHEET	REV.
FINISH	---			1:1	1/3	A

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

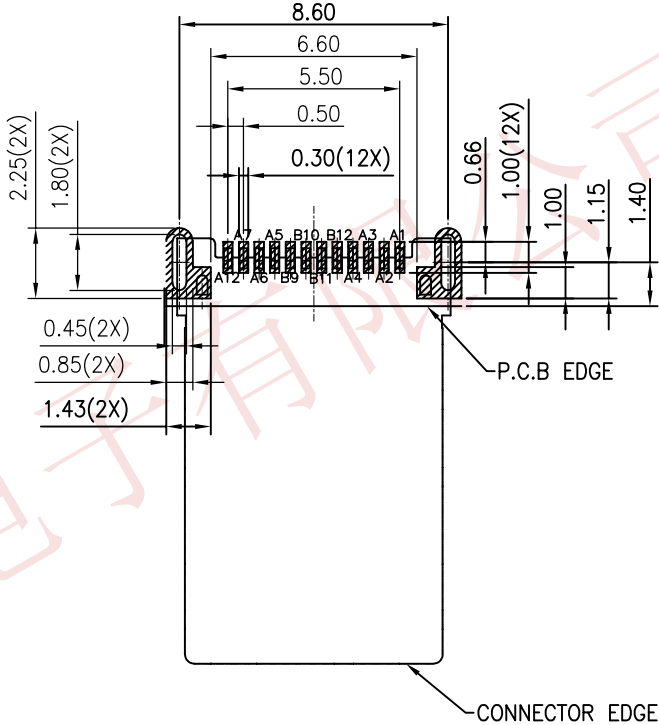
RoHS & HF
Compliant



SECTION:A-A
SCALE 1:1

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	



RECOMMENDED PCB LAYOUT(TOP VIEW)

TOLERANCE:±0.05

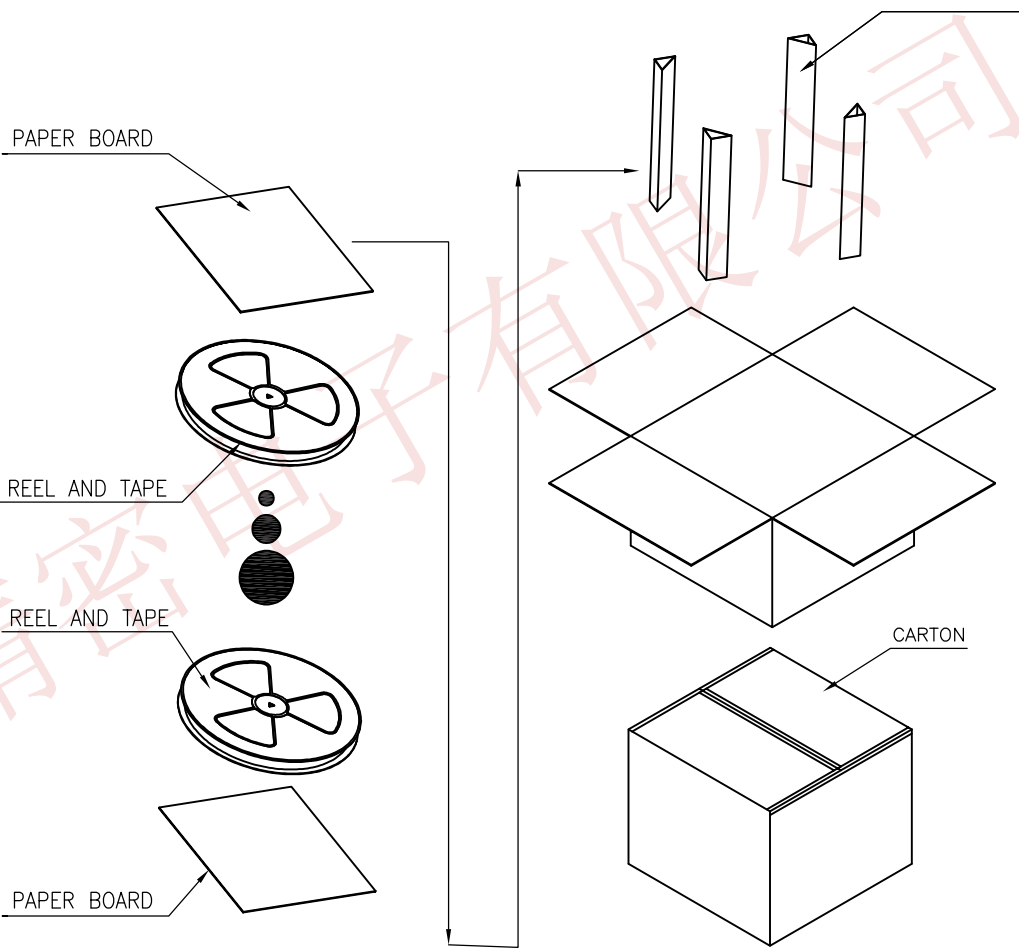
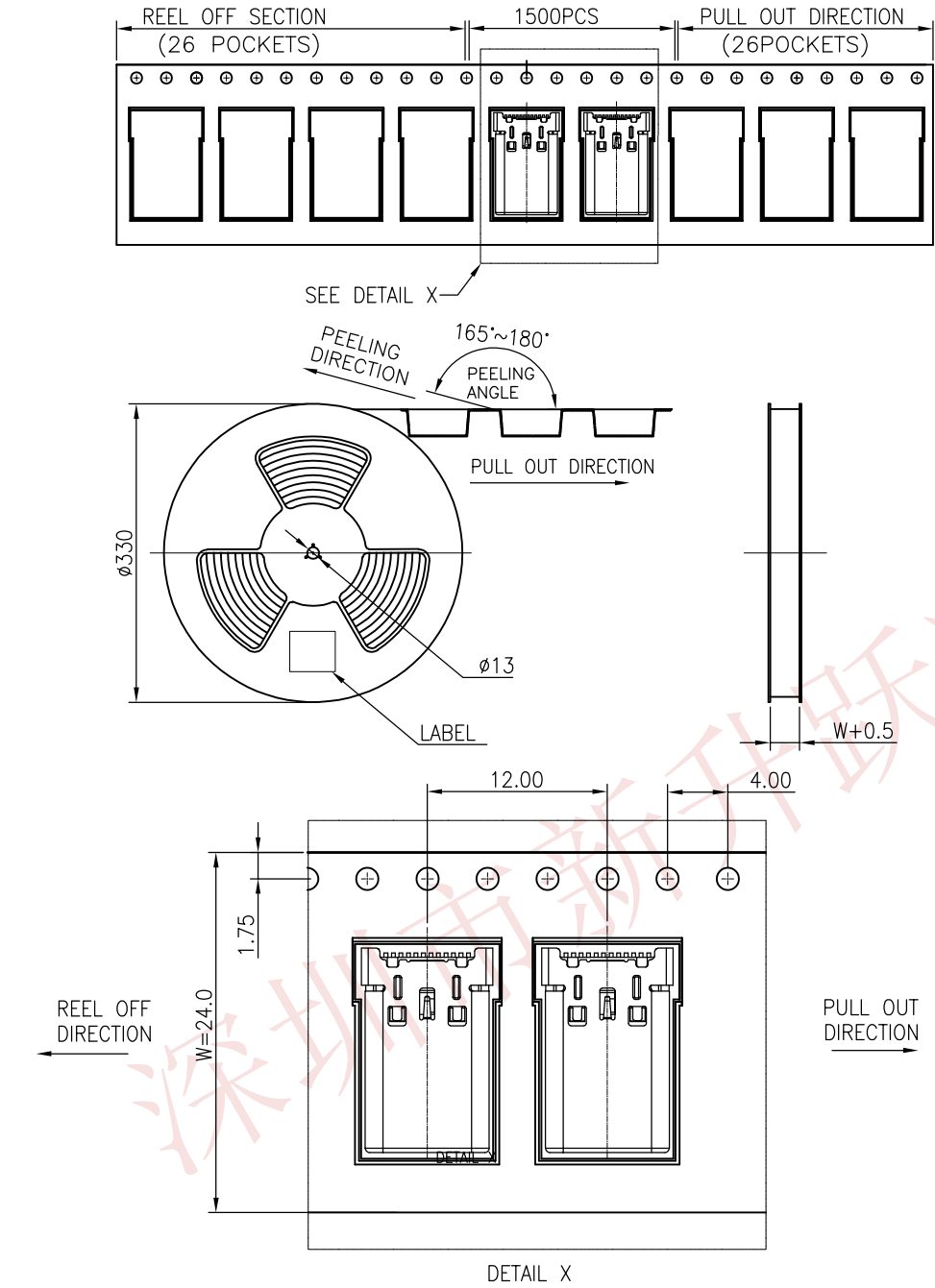
P/N: 101019-210010

- CONTACT FUNCTIONAL AREA PLATED
01: Au 1u"
- CONTACT SOLDER AREA PLATED
0: Sn
- PACKAGING
1: REEL PACKAGING

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公座12PIN, 端子SMT 铁壳DIP, 沉板0.95			
.XX ±0.20	.X.* ± 8°	101019-210010				
.XXX ±0.10	.XX.* ± 5°	DESIGN: JANUS	DRAWG NO. C-101019			
UNIT	mm					
MATERIAL	---	CHED: JANUS		SCALE	SHEET	REV.
FINISH	---	APPD: ARAY		1:1	2/3	A

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



				REEL	CARTON	
		CONNECTOR (PCS)		1500	15000	
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公座12PIN, 端子SMT 铁壳DIP, 沉板0.95		
.XX ±0.20	.X' ± 8°	101019-210010				
.XXX ±0.10	.XX' ± 5°			DRAWG NO. C-101019		
UNIT	mm	DESIGN: JANUS				
MATERIAL	---	CHED: JANUS		SCALE SHEET REV.		
FINISH	---	APPD: ARAY				