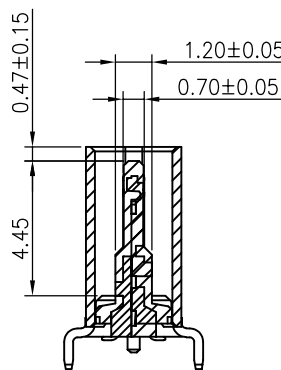
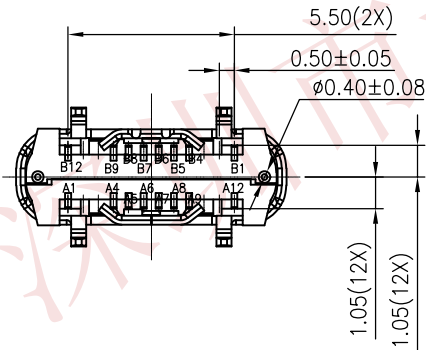
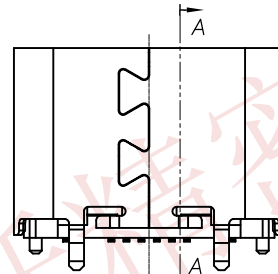
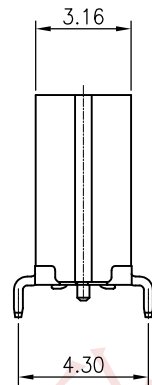
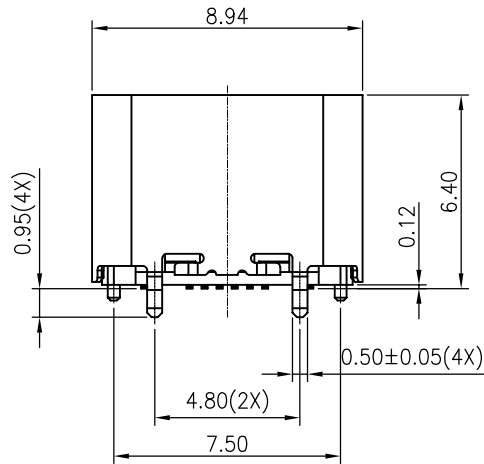
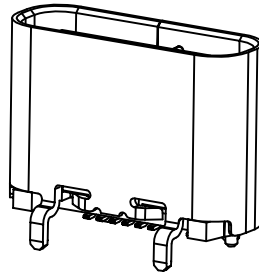
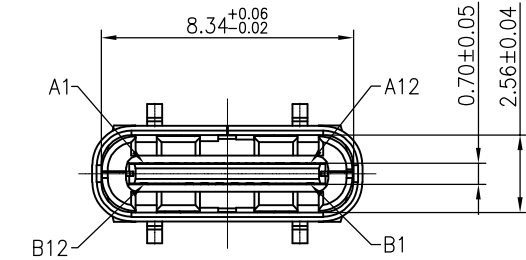


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RoHS & HF
Compliant

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,0.25 AMPS. 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

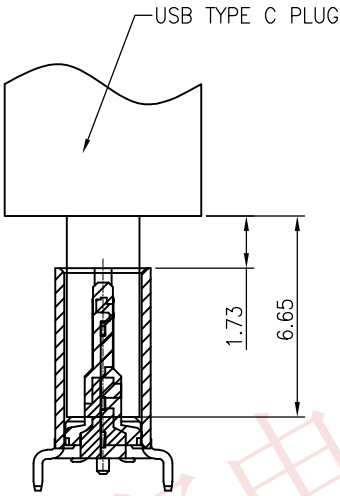
TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	XSUA® 深圳市新升跃精密电子有限公司 SHENZHEN XINSHENGYUE PRECISION ELECTRONICS CO., LTD			
X.X	±0.30	X.* ±10°	PART NO.	TITLE: TYPEC母座16PIN直立式6.4MM		
.XX	±0.20	.X.* ± 8°	101050-211010			
.XXX	±0.10	.XX.* ± 5°	DESIGN: JANUS	DRAWG NO.		
UNIT	mm			C-101050		
MATERIAL	---	CHED: JANUS				
FINISH	---	APPD: ARAY				
				SCALE	SHEET	REV.
				1:1	1/3	A

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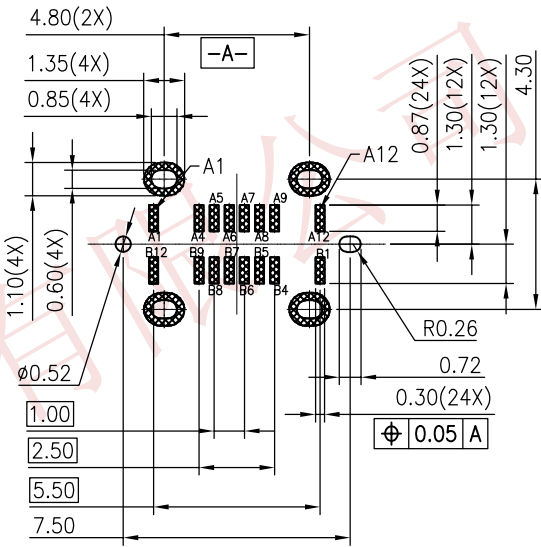
RoHS & HF
Compliant

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

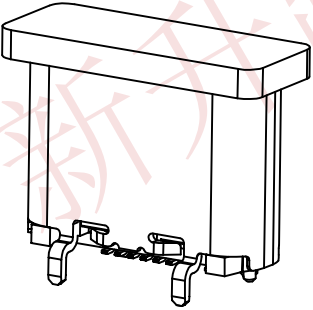
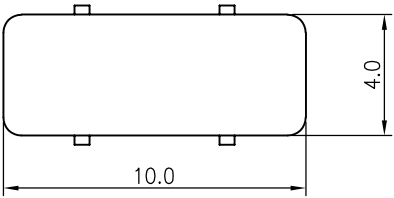


FEMALE AND MALE MATCHING DRAWING

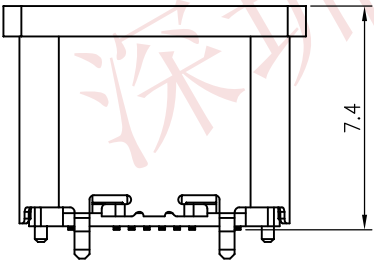


RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 0.8±0.10MM;DEFAULT TOLERANCE:±0.05



WITH COVER SCHEMATIC



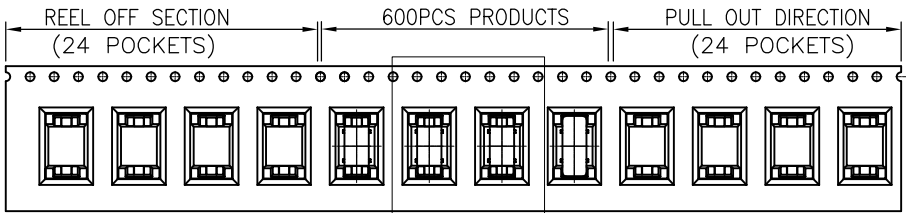
P/N: 101050-211010

- CONTACT FUNCTIONAL AREA PLATED
01: Au G/F
- CONTACT SOLDER AREA PLATED
1: Au G/F
- PACKAGING
1: REEL PACKAGING

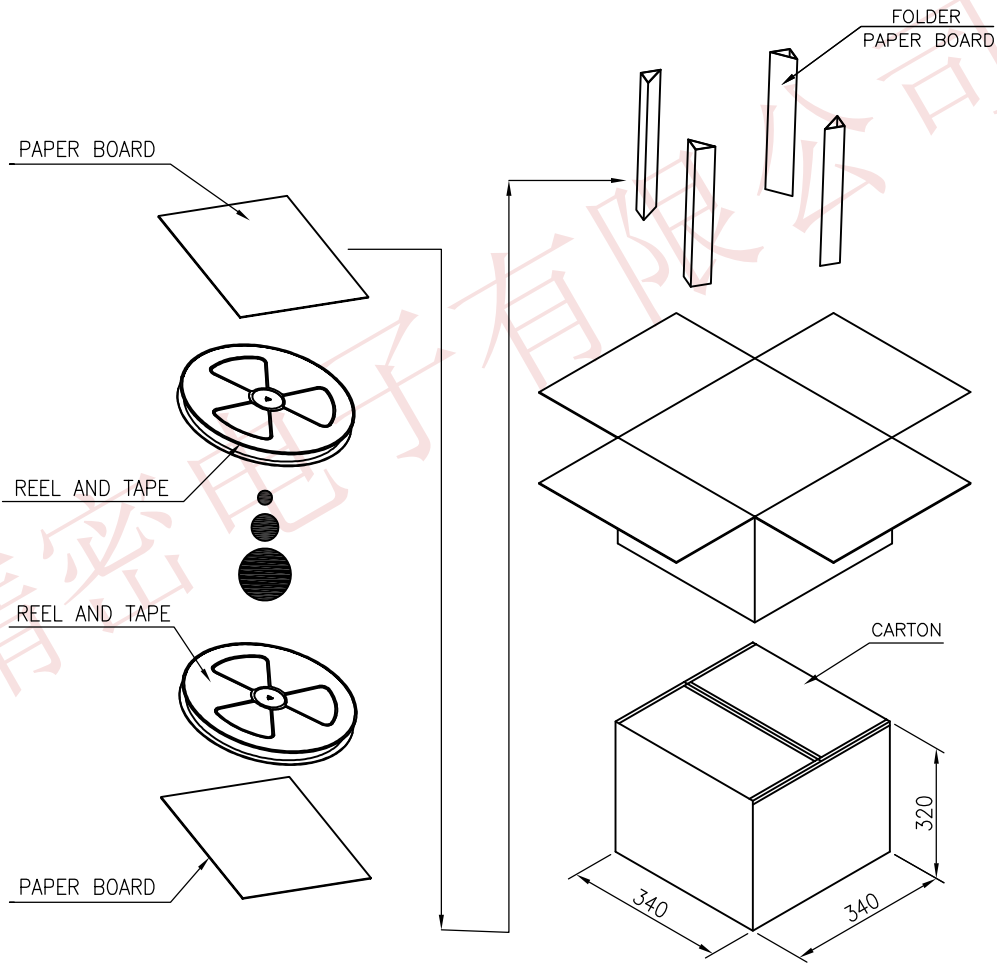
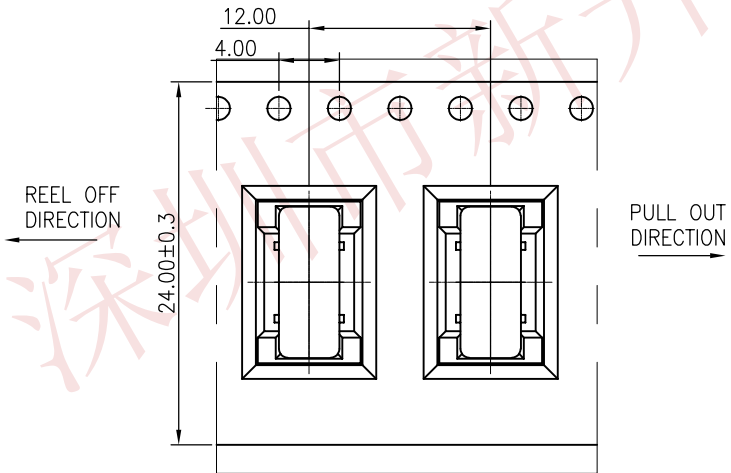
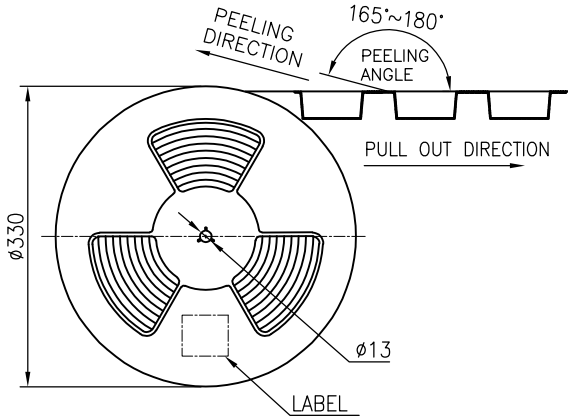
TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	XSUA® 深圳市新升跃精密电子有限公司 SHENZHEN XINSHENGYUE PRECISION ELECTRONICS CO., LTD			
X.X	±0.30	X.* ±10°	PART NO.	TITLE: TYPEC母座16PIN直立式6.4MM		
.XX	±0.20	.X.* ± 8°	101050-211010	DRAWG NO.		
.XXX	±0.10	.XX.* ± 5°	DESIGN: JANUS	C-101050		
UNIT	mm		CHED: JANUS	SCALE		
MATERIAL	---		APPD: ARAY	SHEET		
FINISH	---			REV.		

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



SEE DETAIL X



			REEL/TRAY		CARTON	
		CONNECTOR (PCS)	600		6000	
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. 101050-211010		TITLE: TYPEC母座16PIN直立式6.4MM		
.XX ±0.20	.X' ± 8'	DESIGN: JANUS		DRAWG NO. C-101050		
.XXX ±0.10	.XX* ± 5'					
UNIT	mm	CHED: JANUS				
MATERIAL	---	APPD: ARAY				
FINISH	---			SCALE	SHEET	REV.
				1:1	3/3	A