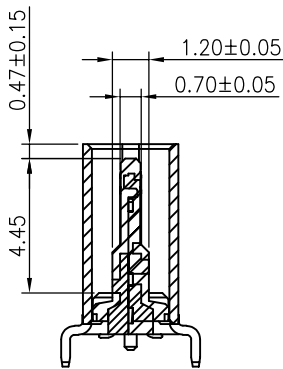
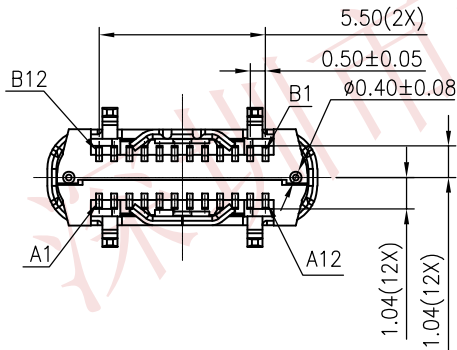
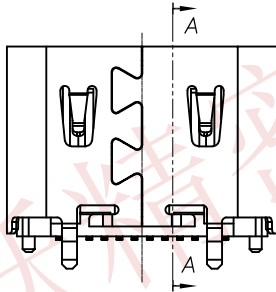
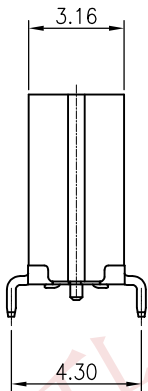
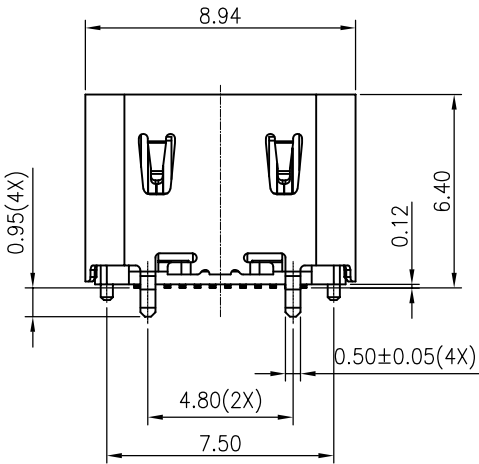
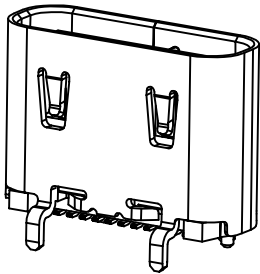
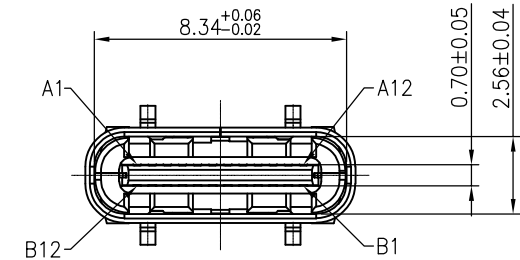


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RoHS & HF
Compliant

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

- NOTE:
- 1.MATERIAL SPECIFICATION:
- 1.HOUSING:PA9T(GP2300F), 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

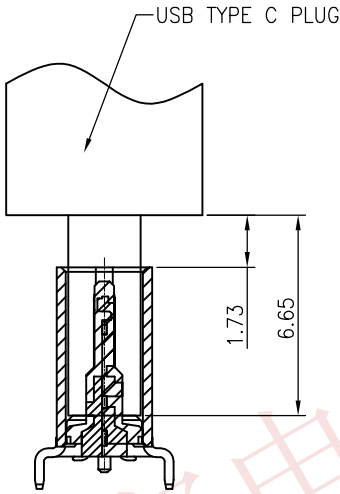
TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	XSUA® 深圳市新升跃精密电子有限公司 SHENZHEN XINSHENGYUE PRECISION ELECTRONICS CO.,LTD			
X.X ±0.30	X.* ±10°	PART NO.	TITLE: TYPEC母座24PIN直立式6.4MM 板上脚长0.95			
.XX ±0.20	.X.* ± 8°	101012-211010				
.XXX ±0.10	.XX.* ± 5°	DESIGN: JANUS	DRAWG NO. C-101012			
UNIT	mm	CHED: JANUS				
MATERIAL	---	APPD: ARAY		SCALE	SHEET	REV.
FINISH	----			1:1	1/3	A

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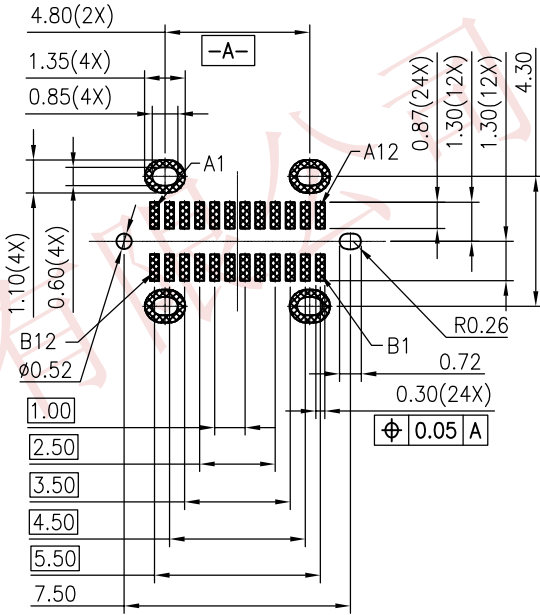
RoHS & HF
Compliant

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
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	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

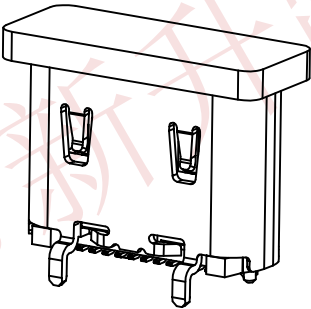
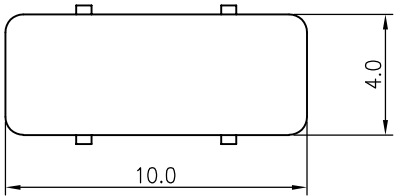


FEMALE AND MALE MATCHING DRAWING

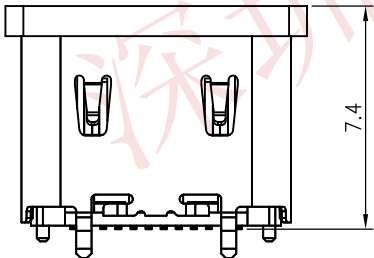


RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 0.8±0.10MM;DEFAULT TOLERANCE:±0.05



WITH COVER SCHEMATIC



P/N: 101012-211010

CONTACT FUNCTIONAL AREA PLATED
01: Au 1u"

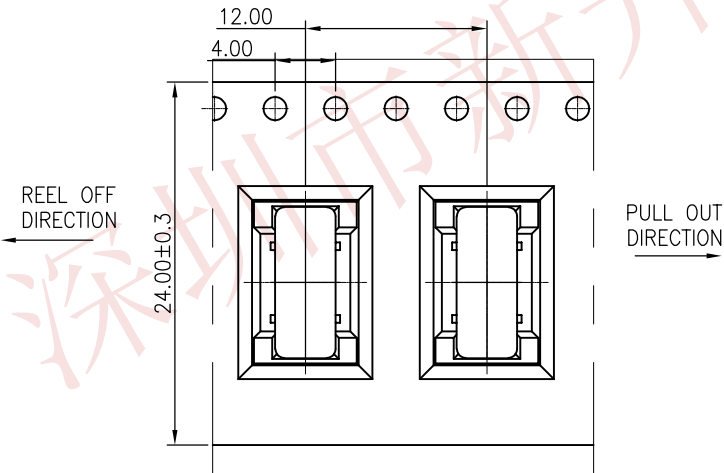
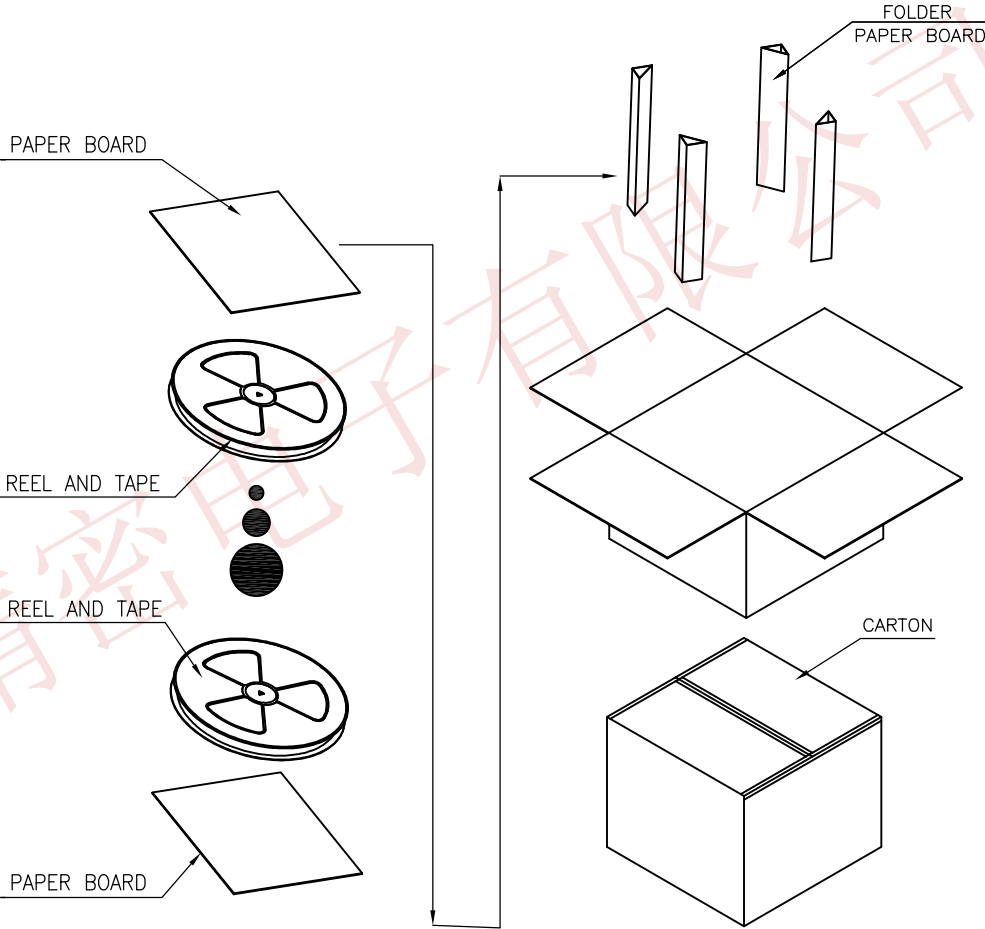
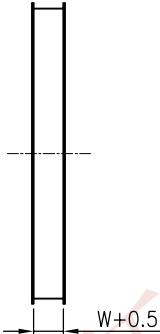
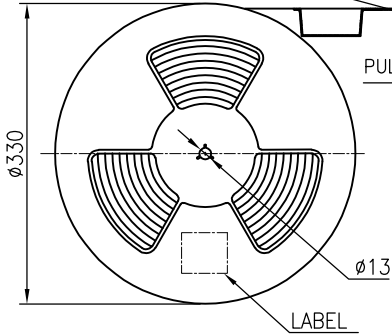
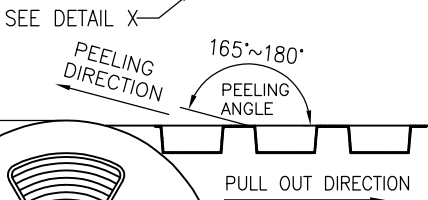
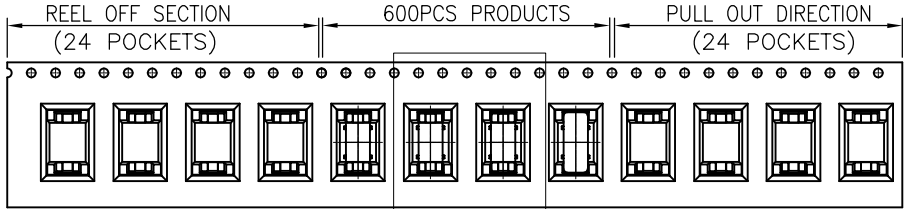
CONTACT SOLDER AREA PLATED
1: Au G/F

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24PIN直立式6.4MM 板上脚长0.95		
.XX ±0.20	.X' ± 8'	101012-211010			
.XXX ±0.10	.XX* ± 5'	DESIGN: JANUS	DRAWG NO.		
UNIT	mm		C-101012		
MATERIAL	---	CHED: JANUS			
FINISH	---	APPD: ARAY			
			SCALE	SHEET	REV.
			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/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. 101012-211010	TITLE: TYPEC母座24PIN直立式6.4MM 板上脚长0.95		
.XX ±0.20	.X* ± 8°	DESIGN: JANUS	DRAWG NO. C-101012		
.XXX ±0.10	.XX* ± 5°				
UNIT	mm	CHED: JANUS	SCALE SHEET REV.		
MATERIAL	---	APPD: ARAY			
FINISH	---		1:1	3/3	A