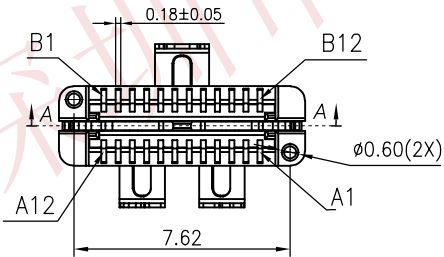
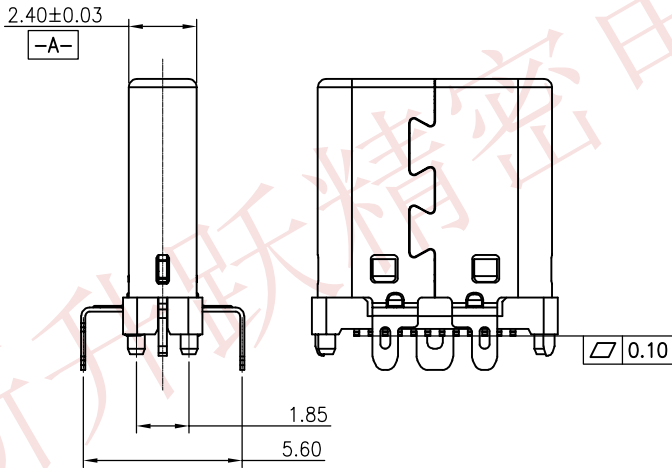
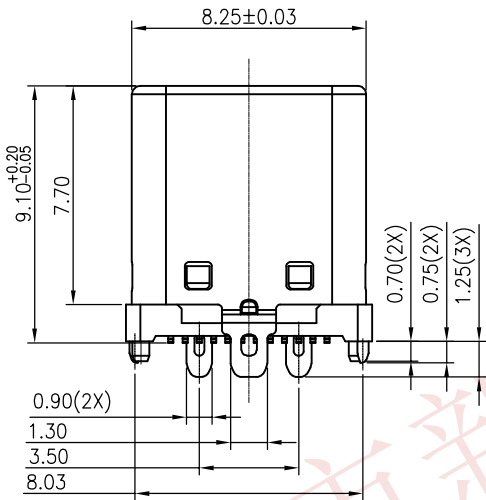
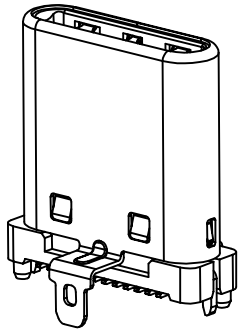
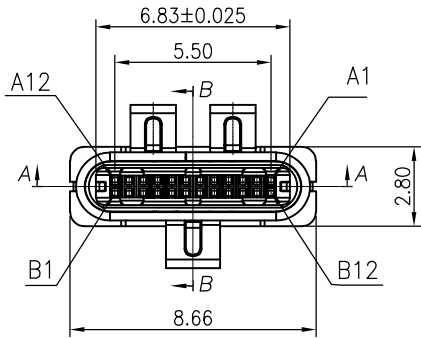


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RoHS & HF
Compliant



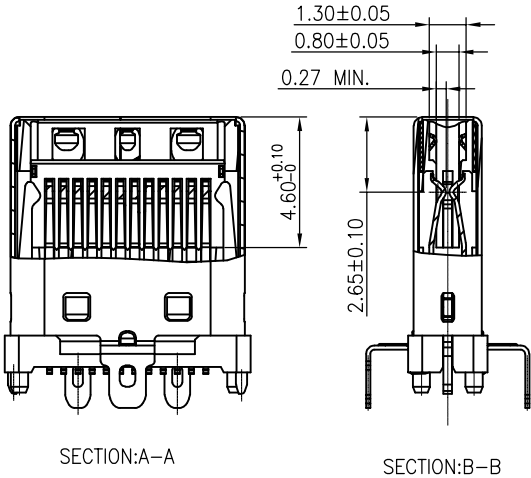
- NOTE:
- 1.MATERIAL SPECIFICATION:
- 1.HOUSING&PICKUP COVER:LCP(E130i),UL94 V-0.
 - 2.CONTACTS: COPPER ALLOY(C7025)
 - 3.LATCH: STAINLESS STEEL(SUS301)
 - 4.SPRING: STAINLESS STEEL(SUS304)
 - 5.FRONT SHELL: STAINLESS STEEL(SUS304)
- 2.PLATING SPECIFICATION:
- 2-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED 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.LATCH:
Ni 50u" MIN. UNDER PLATED OVER ALL.
80u" MIN. TIN PLATED ON SOLDER AREA.
 - 2-4.SPRING:
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: -40C~+105°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24PIN, 直立9.0MM (弹高0.27MIN)		
.XX	±0.20	.X.* ± 8°	101020-210030			
.XXX	±0.10	.XX.* ± 5°	DESIGN: JANUS	DRAWG NO. C-101020		
UNIT	mm		CHED: JANUS			
MATERIAL	---		APPD: ARAY		SCALE	SHEET
FINISH	---				1:1	1/3
					REV.	A

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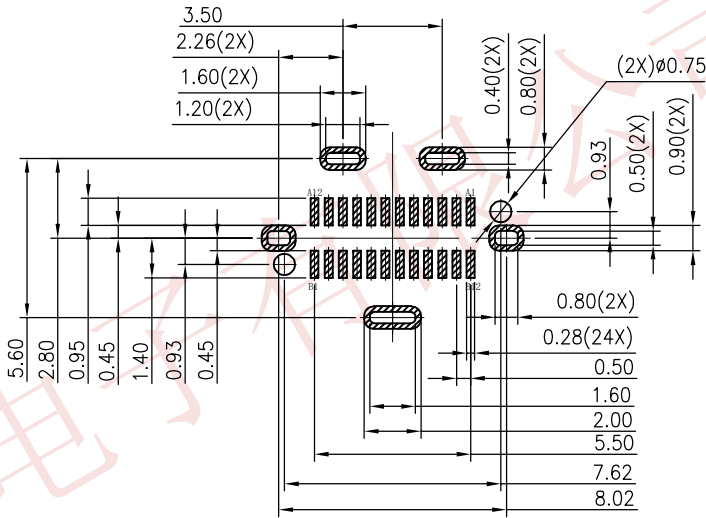
REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	ECN NO.	INITIAL RELEASED	2026.08.11	JANUS

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

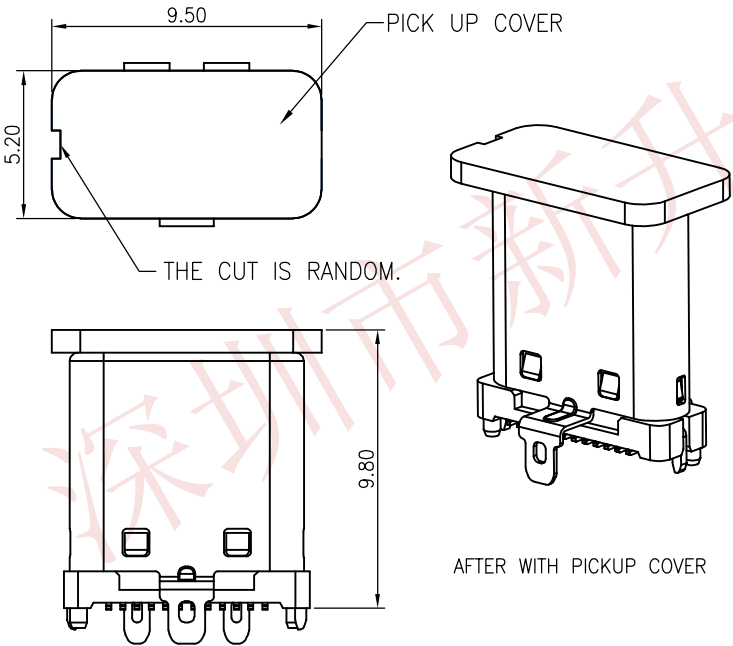


RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.8±0.10MM;DEFAULT TOLERANCE:±0.05

P/N: 101020-210030

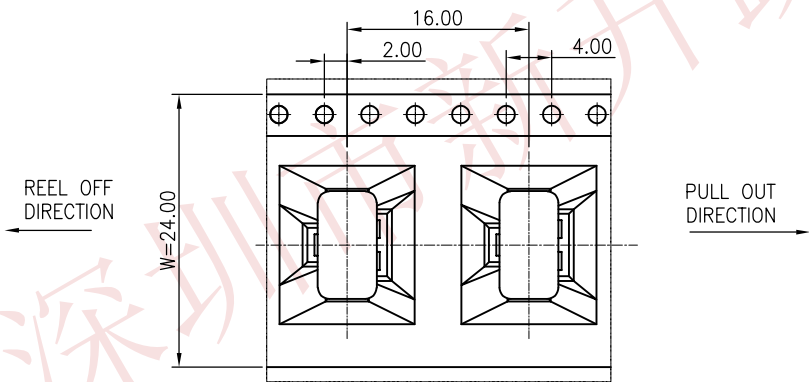
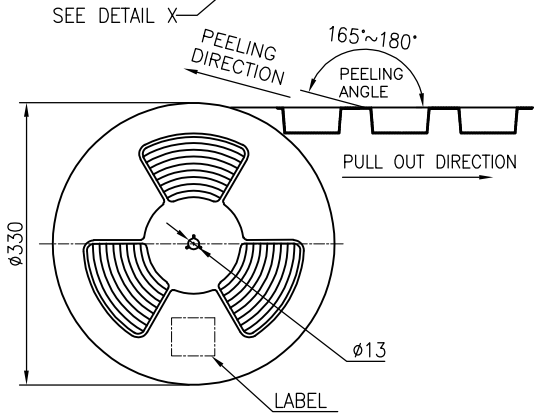
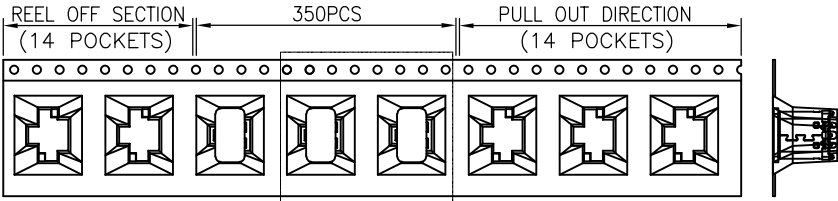
- CONTACT FUNCTIONAL AREA PLATED
03: Au 3u"
- CONTACT SOLDER AREA PLATED
0: Sn
- PACKAGING
1: REEL PACKAGING

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.XXX	±0.10	.XX.* ± 5°	DESIGN: JANUS	C-101020		
UNIT	mm		CHED: JANUS			
MATERIAL	---		APPD: ARAY			
FINISH	---			SCALE 1:1	SHEET 2/3	REV. A

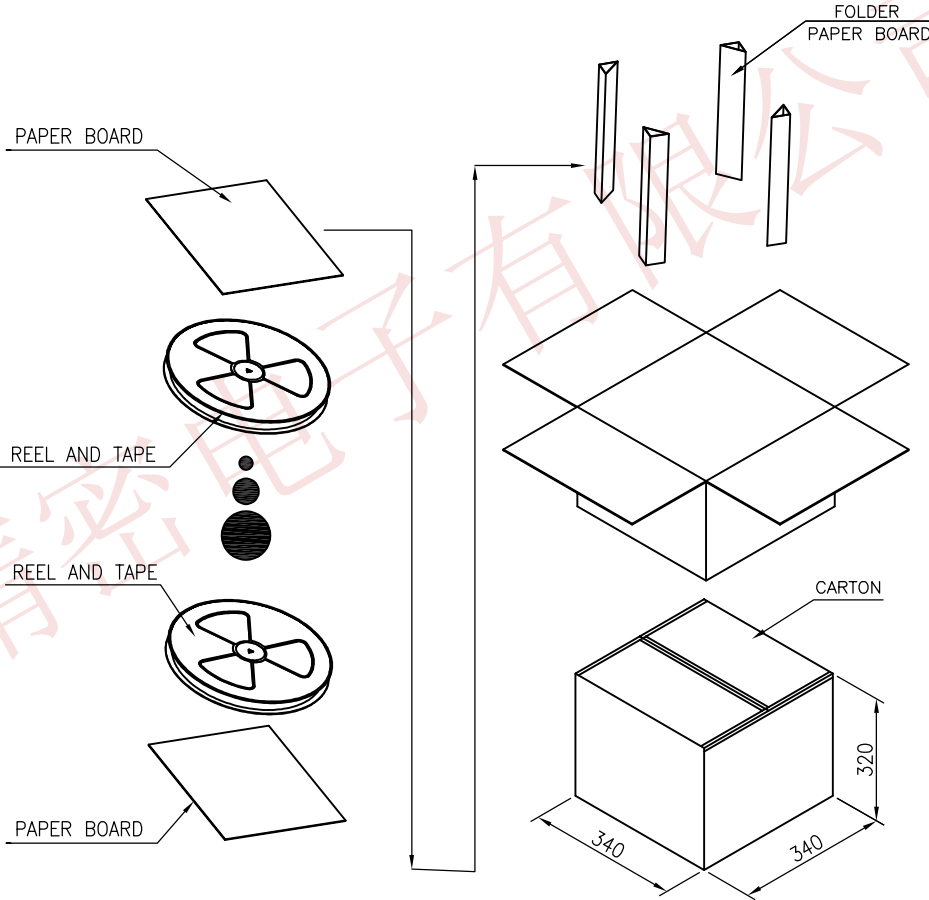


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REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	ECN NO.	INITIAL RELEASED	2026.08.11	JANUS



DETAIL X
SCALE 2:1



	REEL/TRAY	CARTON
CONNECTOR (PCS)	350	3500

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24PIN, 直立9.0MM (弹高0.27MIN)			
.XX ±0.20	.X.* ± 8°	101020-210030					
.XXX ±0.10	.XX.* ± 5°	DESIGN: JANUS		DRAWG NO. C-101020			
UNIT	mm	CHED: JANUS					
MATERIAL	---	APPD: ARAY		 SCALE 1:1 SHEET 3/3 REV. A			
FINISH	---						