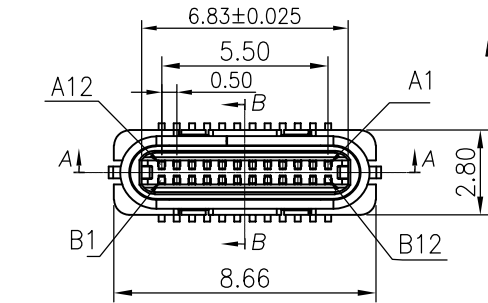


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RoHS & HF
Compliant

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

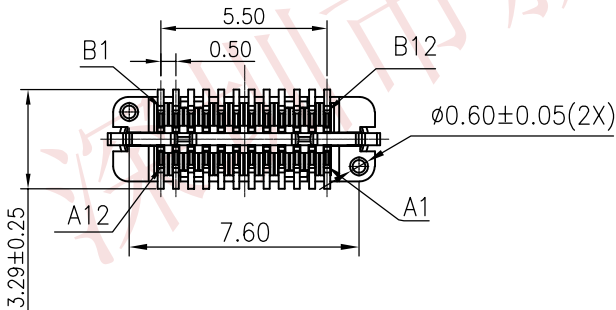
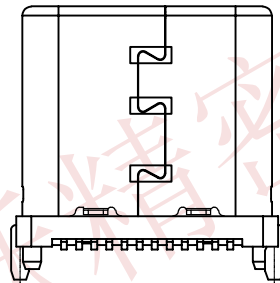
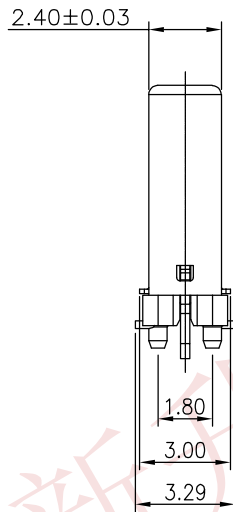
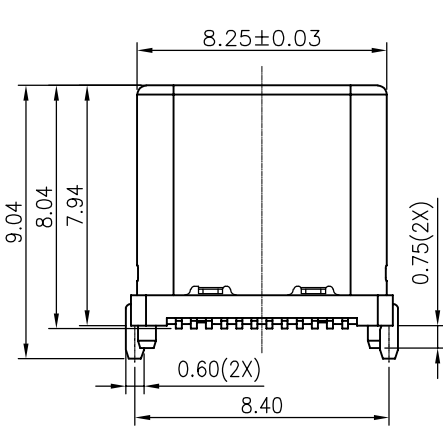


P/N: 101049-210010

CONTACT FUNCTIONAL AREA PLATED
01: Au 1u"

CONTACT SOLDER AREA PLATED
0: Sn

PACKAGING
1: REEL PACKAGING



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(SUS301)
- 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.LATCH:
Ni 30u" MIN. UNDER PLATED OVER ALL.

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:3AMPS. 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.
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.

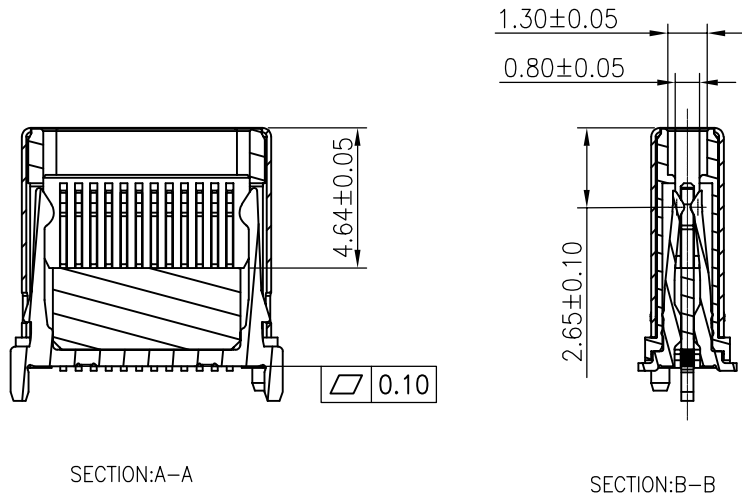
6.IR REFLOW:

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. 101049-210010	TITLE: TYPEC公座24PIN直立式8.04MM									
.XX ±0.20	.X* ± 8°		DRAWG NO. C-101049									
.XXX ±0.10	.XX* ± 5°											
UNIT	mm	DESIGN: JANUS	 <table><tr><th>SCALE</th><th>SHEET</th><th>REV.</th></tr><tr><td>1:1</td><td>1/3</td><td>A</td></tr></table>				SCALE	SHEET	REV.	1:1	1/3	A
SCALE	SHEET	REV.										
1:1	1/3	A										
MATERIAL	---	CHED: JANUS										
FINISH	---	APPD: ARAY										

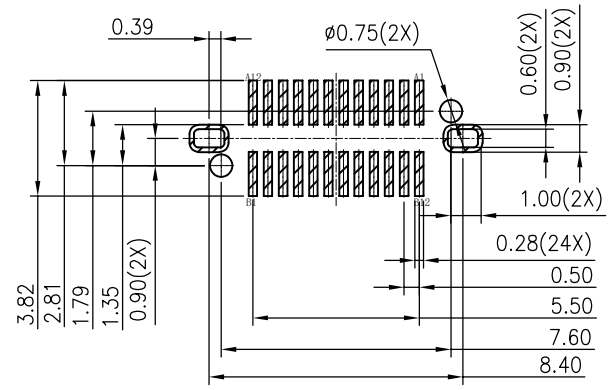
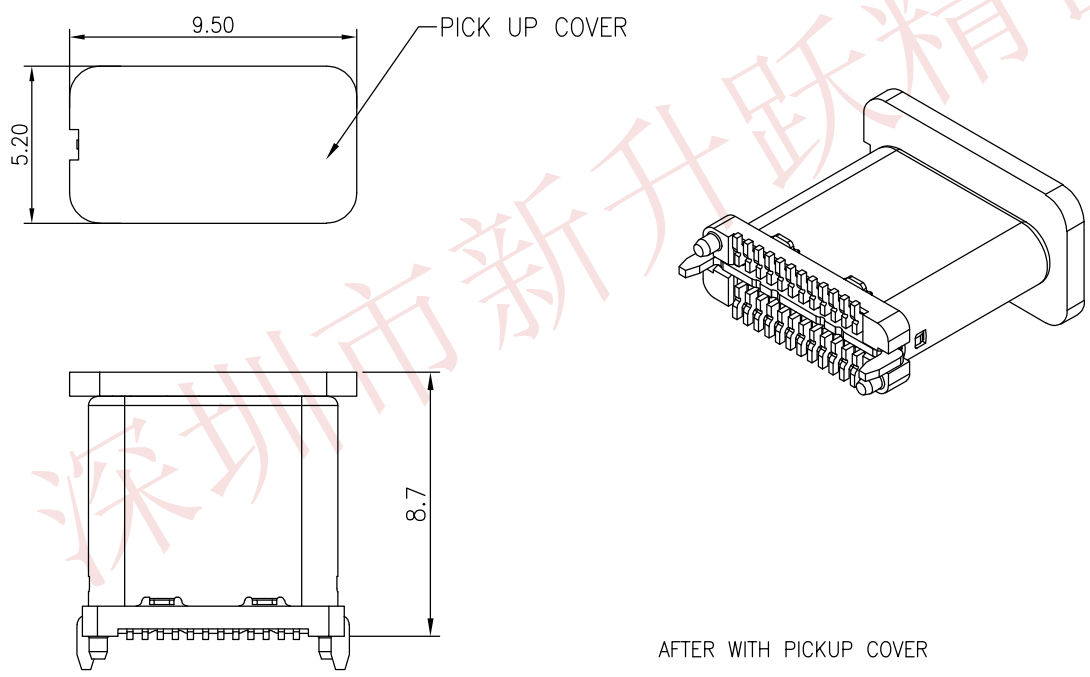
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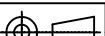


USB TYPE-C PIN ASSIGNMENTS

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

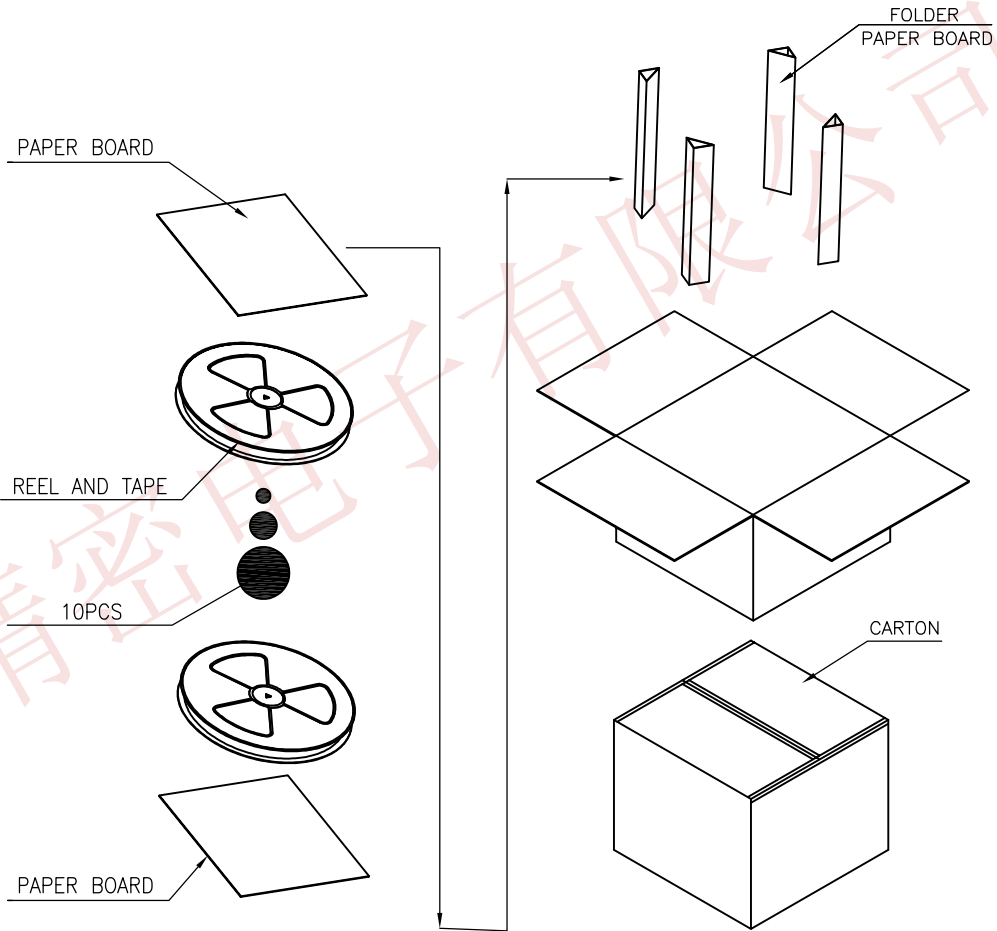
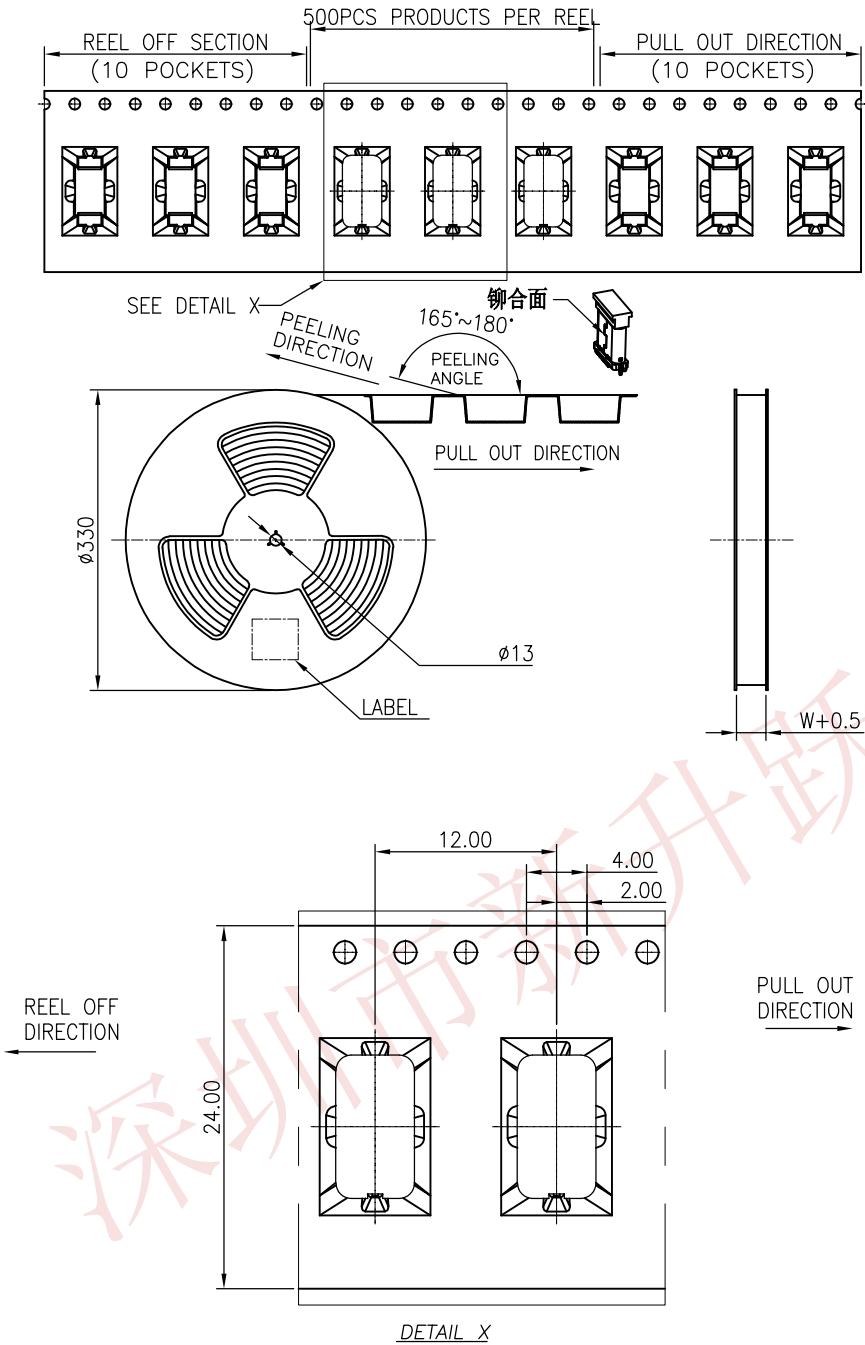


RECOMMENDED PCB LAYOUT(TOP VIEW)
DEFAULT TOLERANCE:±0.05

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. 101049-210010	TITLE: TYPEC公座24PIN直立式8.04MM			
.XX ±0.20	.X.* ± 8°					
.XXX ±0.10	.XX.* ± 5°					
UNIT	mm	DESIGN: JANUS	DRAWG NO. C-101049			
MATERIAL	---	CHED: JANUS				
FINISH	---	APPD: ARAY		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



			REEL/TRAY	CARTON		
CONNECTOR (PCS)			500	5000		
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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.XXX ±0.10	.XX* ± 5°					
UNIT	mm	CHED: JANUS		SCALE	SHEET	REV.
MATERIAL	---	APPD: ARAY		1:1	3/3	A
FINISH	---					