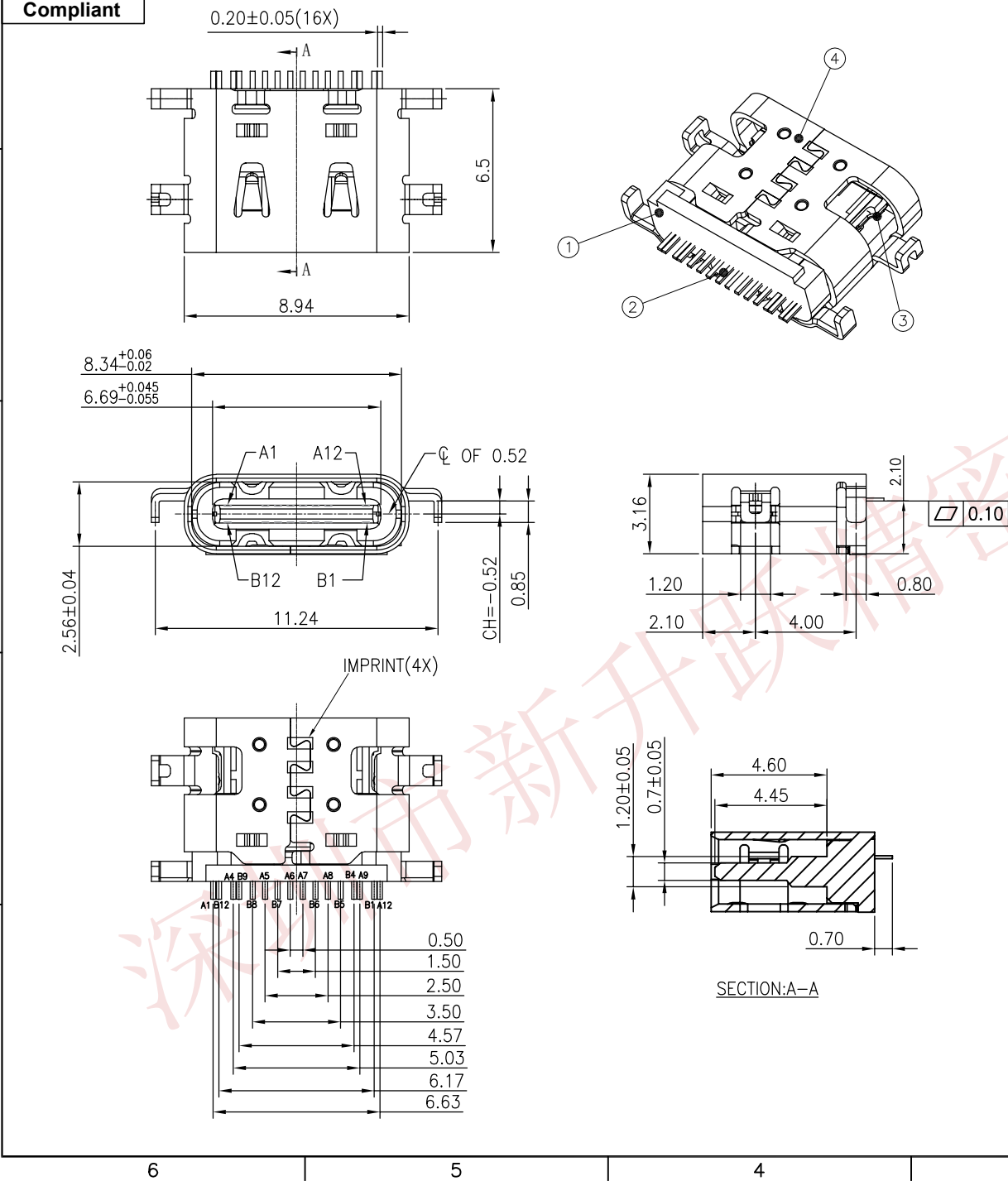


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RoHS & HF
Compliant



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

NOTE:

1.MATERIAL SPECIFICATION:

1-1.HOUSING: PA9T(GP2300F), UL94 V-0.

1-2.TERMINAL: COPPER ALLOY(C18150).

1-3.MID PLATE: STAINLESS STEEL(SUS301).

1-4.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 30u" 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:48V DC/AC (RMS. MAX);

CURRENT RATING:5AMPS. 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:

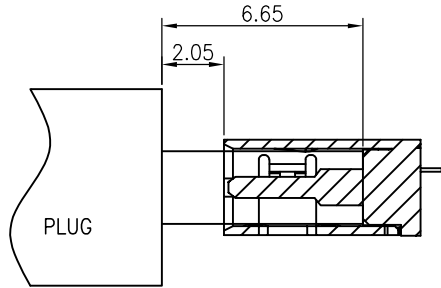
THE PEAK TEMPERATURE ON THE BOARD SHALL

BE MAINTAINED FOR 10 SECONDS AT 260°C.

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长6.5MM 外壳带弹沉板2.1 (CH=-0.52)			
.XX ±0.20	.X* ± 8°	101003-211010				
.XXX ±0.10	.XX* ± 5°	DESIGN: JANUS	DRAWG NO. C-101003			
UNIT	mm					
MATERIAL	---	CHED: JANUS	 SCALE SHEET REV.			
FINISH	---	APPD: ARAY				
			1:1	1/3	A	

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AFTER MATING

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

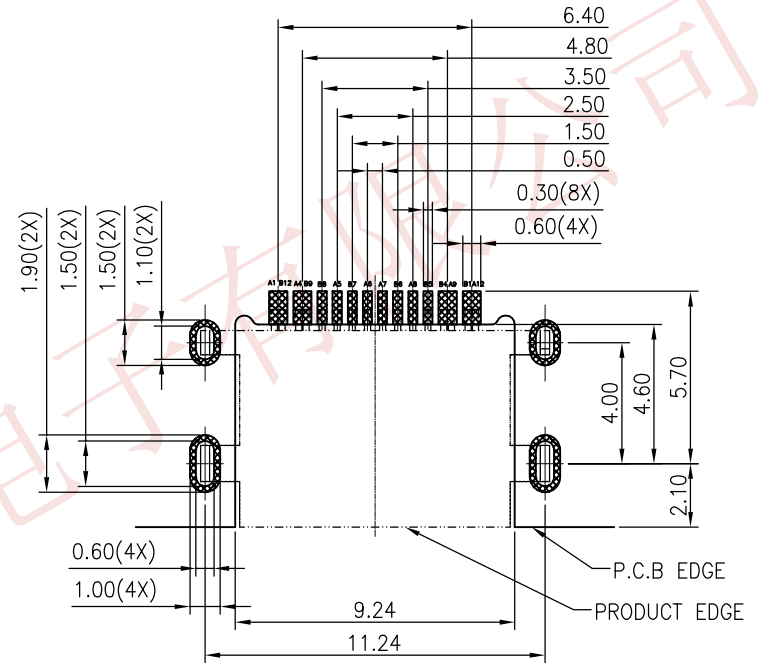
P/N: 101003-211010

CONTACT FUNCTIONAL AREA PLATED
01: Au G/F

CONTACT SOLDER AREA PLATED
1: Au G/F

PACKAGING
1: REEL PACKAGING

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

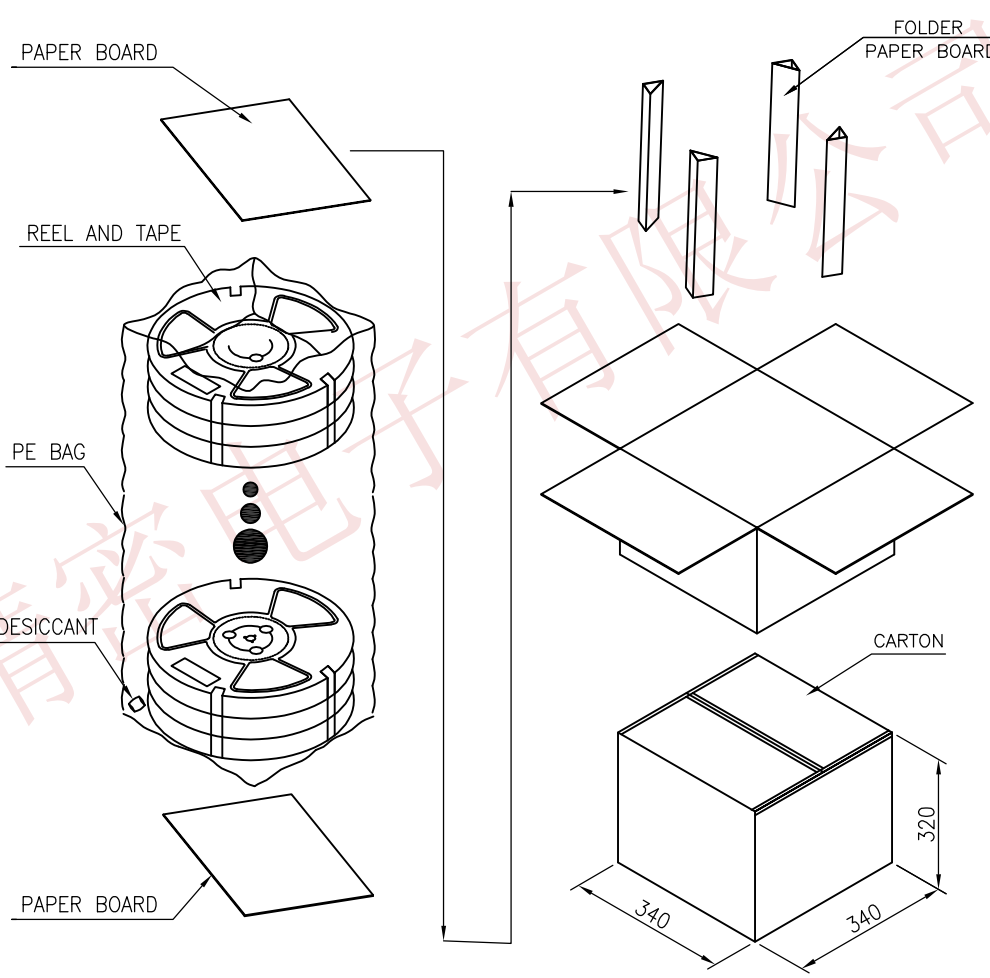
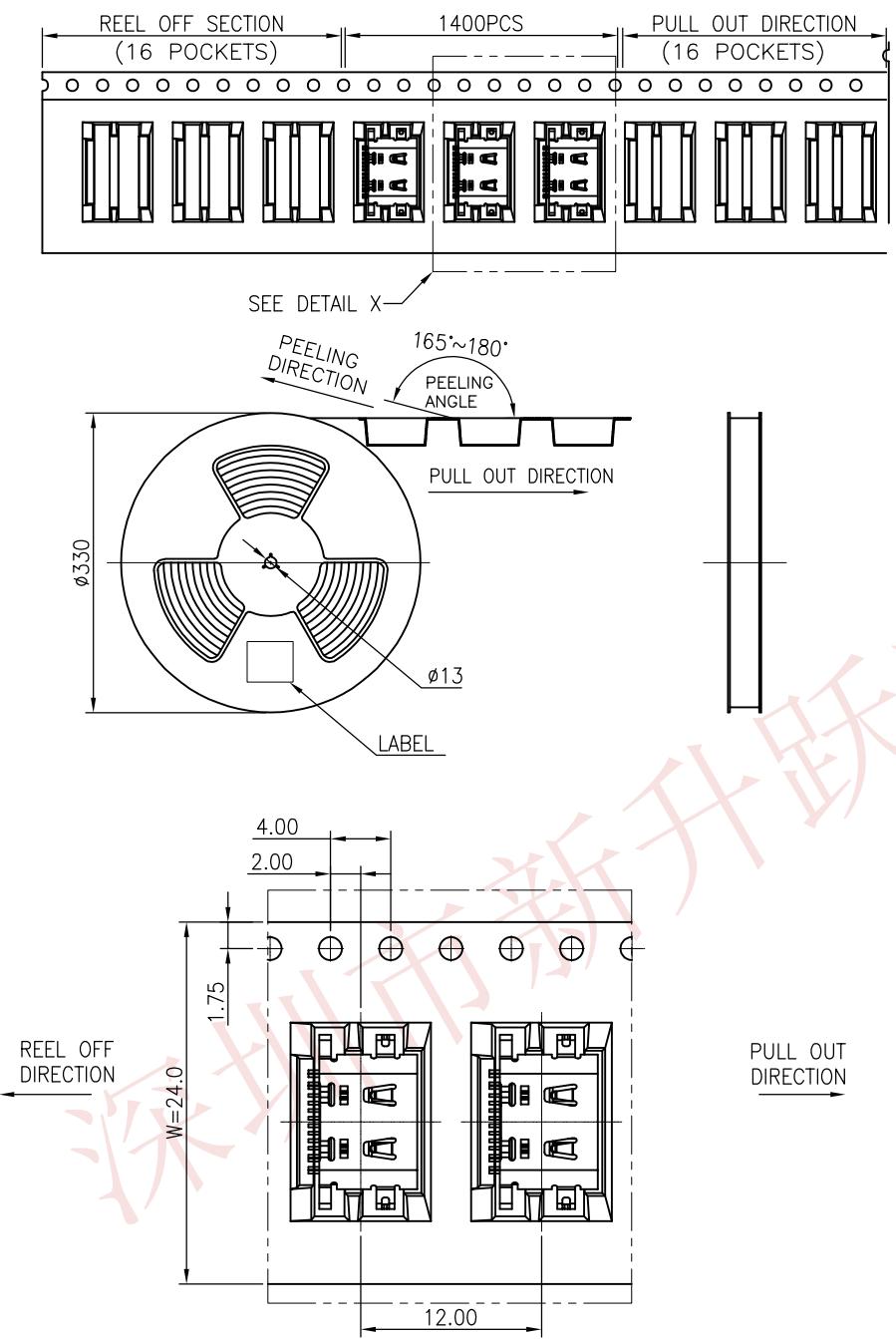


RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

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. 101003-211010	TITLE: TYPEC母座16PIN长6.5MM 外壳带弹沉板2.1 (CH=0.52)	
.XX	±0.20	.X.* ± 8°		DRAWG NO. C-101003	
.XXX	±0.10	.XX.* ± 5°			
UNIT	mm	DESIGN: JANUS	APPD: ARAY		SCALE 1:1
MATERIAL	---	CHED: JANUS			
FINISH	---	APPD: ARAY			
					SHEET 2/3
					REV. A

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REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
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		REEL	CARTON
CONNECTOR (PCS)		1400	14000
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'
.XX	±0.20	.X'	± 8'
.XXX	±0.10	.XX'	± 5'
UNIT	mm	PART NO.	101003-211010
MATERIAL	---	DESIGN:	JANUS
FINISH	---	CHED:	JANUS
		APPD:	ARAY
		TITLE: TYPEC母座16PIN长6.5MM 外壳带弹沉板2.1 (CH=-0.52)	
		DRAWG NO. C-101003	
		SCALE	SHEET
		1:1	3/3
		REV.	A