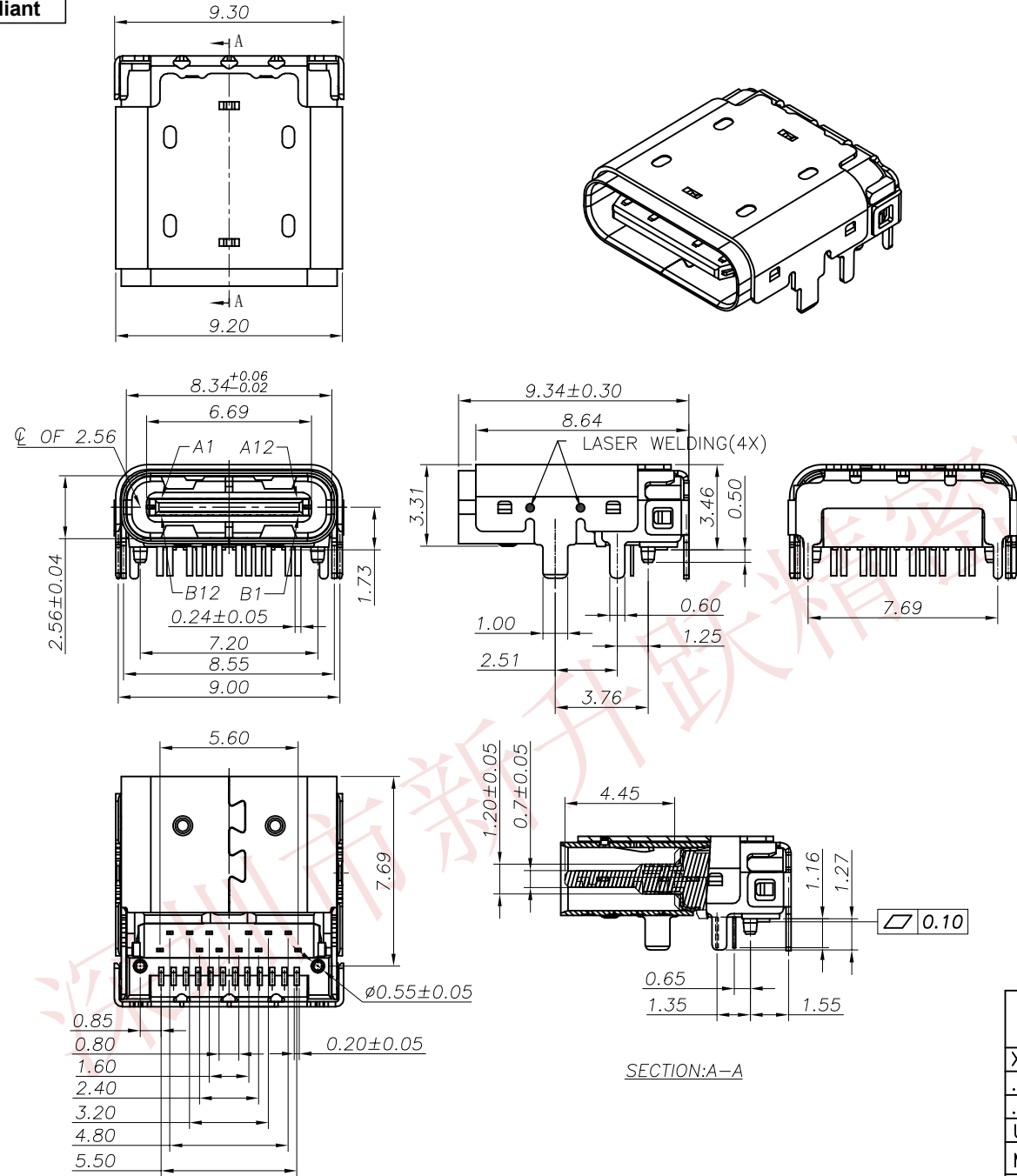


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RoHS & HF
Compliant

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



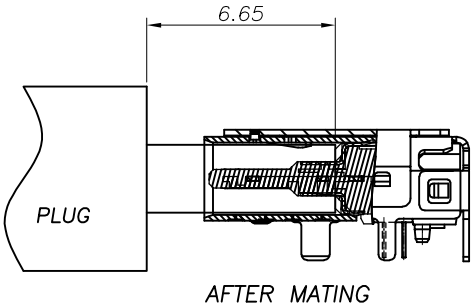
- NOTE:
- 1.MATERIAL SPECIFICATION:
 - 1.HOUSING:PA9T(GP2300F), UL94 V-0.
 - 2.CONTACTS:COPPER ALLOY(C18150)
 - 3.MID PLATE&SPRING: STAINLESS STEEL(SUS301)
 - 4.FRONT SHELL&COVER: STAINLESS STEEL(SUS304)
 - 2.PLATING SPECIFICATION:
 - 2-1.CONTACTS:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - Au PLATED 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 & COVER:
 - Ni 30u" MIN. UNDER PLATED OVER ALL.
 - 2-3.MID PLATE & EMI 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: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24PIN前插后贴 长9.34MM, 双壳有缺口		
.XX	±0.20	.X.* ± 8°	101042-211010			
.XXX	±0.10	.XX.* ± 5°	DESIGN: JANUS	DRAWG NO.		
UNIT	mm			C-101042		
MATERIAL	---	CHED: JANUS				
FINISH	---	APPD: ARAY				
				SCALE	SHEET	REV.
				1:1	1/3	A

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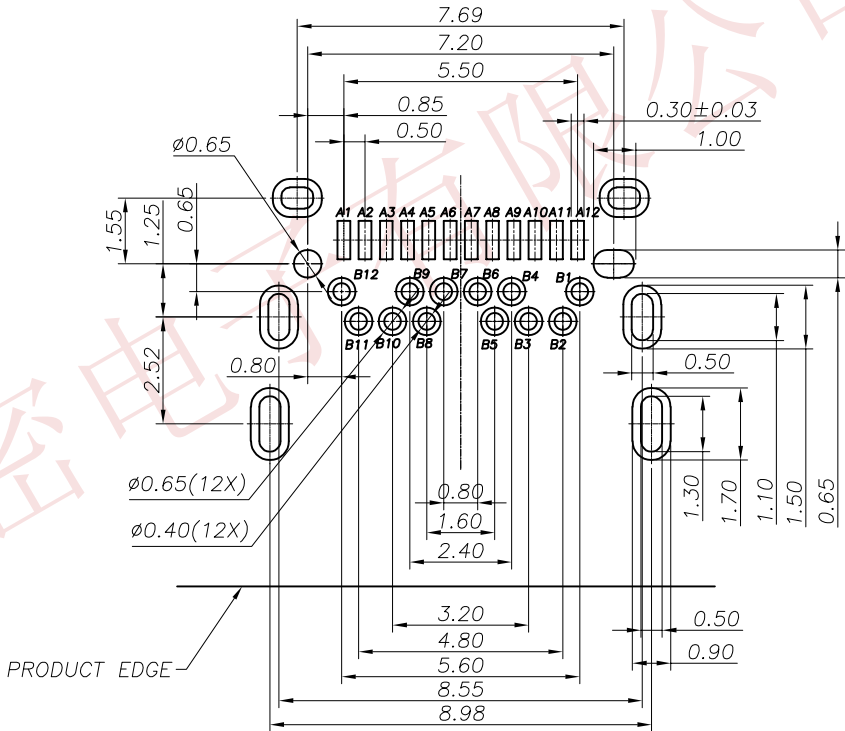
REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	ECN NO.	INITIAL RELEASED	2026.08.11	JANUS

RoHS & HF
Compliant



USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TXp1	B11	RXp1
A3	TXn1	B10	RXn1
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	RXn2	B3	TXn2
A11	RXp2	B2	TXp2
A12	GND	B1	GND



SCALE 1.5:1

RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.0 MM;DEFAULT TOLERANCE:±0.05

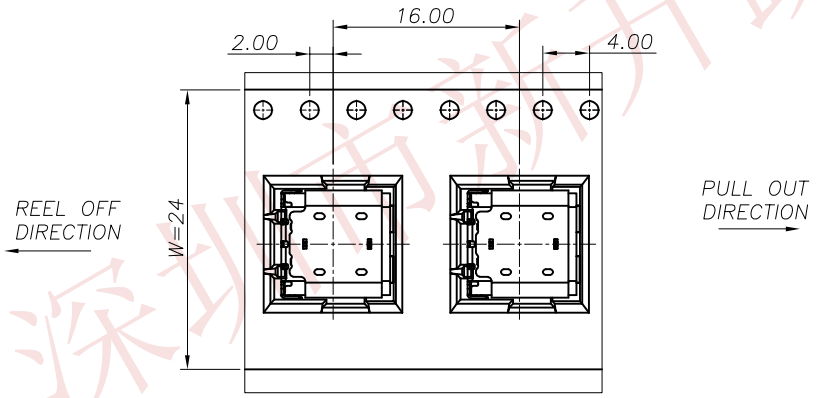
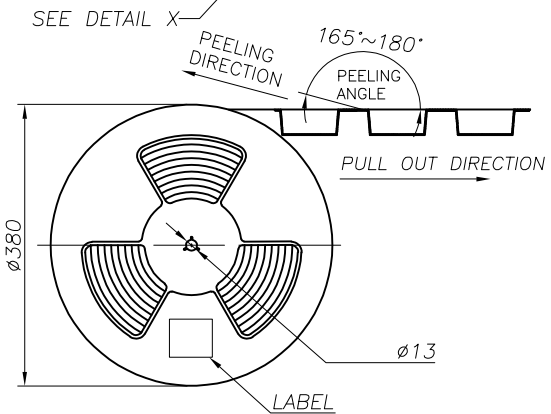
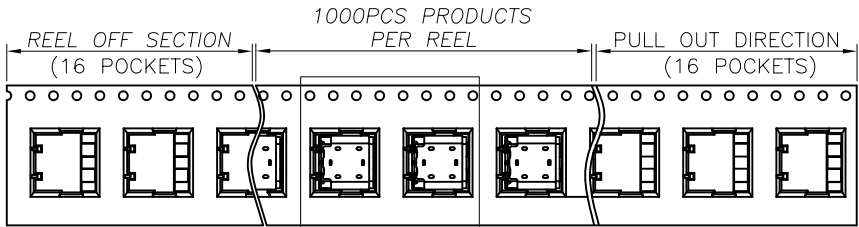
P/N: 101042-211010

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

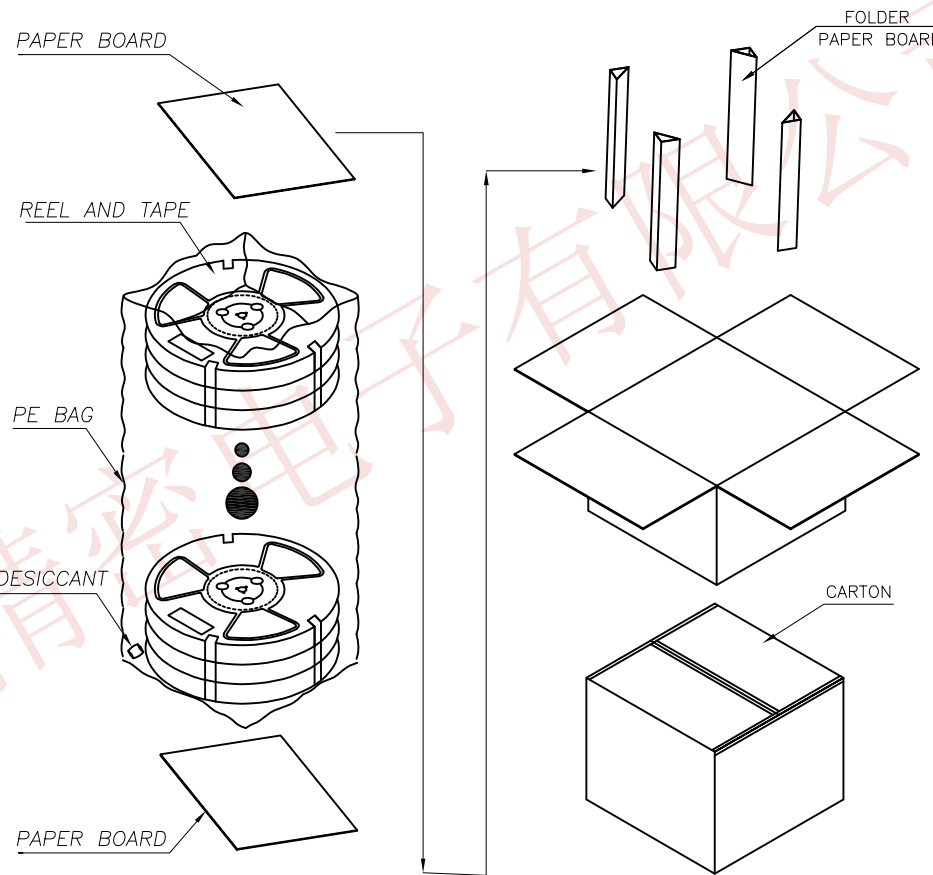
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X.X ±0.30	X.* ±10°	PART NO.	TITLE: TYPEC母座24PIN前插后贴 长9.34MM, 双壳有缺口			
.XX ±0.20	.X.* ± 8°	101042-211010				
.XXX ±0.10	.XX.* ± 5°	DESIGN: JANUS	DRAWG NO. C-101042			
UNIT	mm					
MATERIAL	---	CHED: JANUS	 SCALE SHEET REV.			
FINISH	----	APPD: ARAY				
			1:1	2/3	A	

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DETAIL X
SCALE 2:1



CONNECTOR (PCS)	REEL/TRAY	CARTON
	1000	10000

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.XX ±0.20	.X.* ± 8°	101042-211010				
.XXX ±0.10	.XX.* ± 5°	DESIGN: JANUS	DRAWG NO. C-101042			
UNIT	mm					
MATERIAL	---	CHED: JANUS	 SCALE SHEET REV.			
FINISH	---	APPD: ARAY				
			1:1	3/3	A	