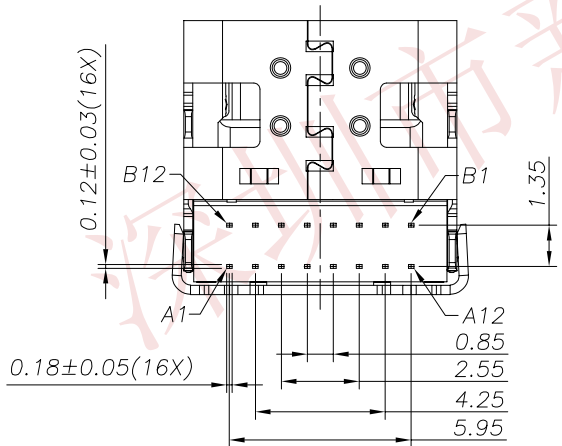
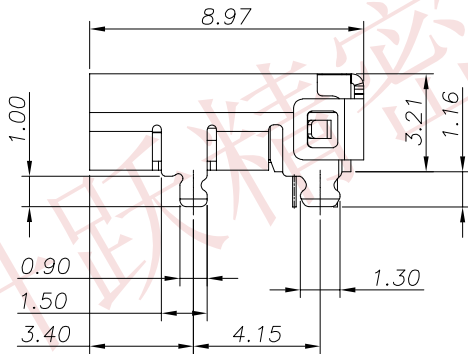
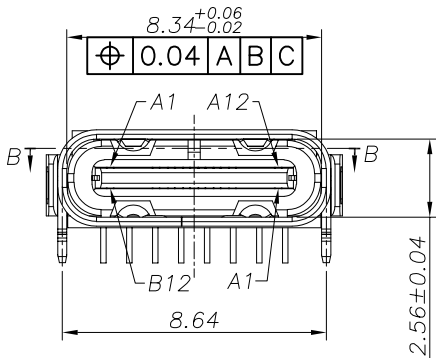
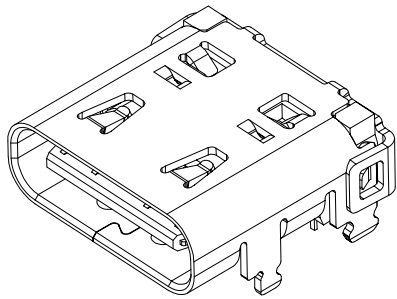
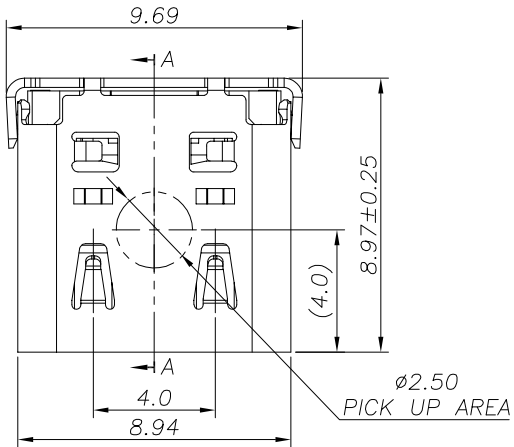


This document is the property of Xinshengyue Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Xinshengyue Corporation without its prior concert&that no right is granted to disclose or to use any information in this document.

RoHS & HF
Compliant



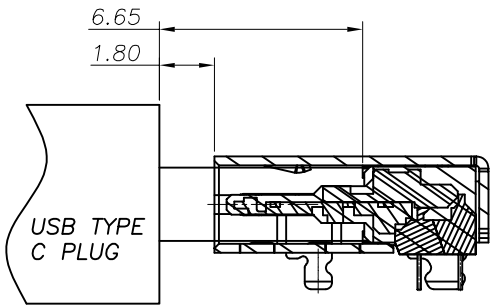
- NOTE:
- 1.MATERIAL SPECIFICATION:
 - 1.HOUSING:PA9T(GP2300F), UL94 V-0.
 - 2.CONTACTS: COPPER ALLOY(C18150)
 - 3.MID PLATE: STAINLESS STEEL(SUS301)
 - 4.FRONT SHELL: STAINLESS STEEL(SUS304)
 - 2.PLATING SPECIFICATION:
 - 2-1.TERMINAL:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - Au PLATED ON THE FUNCTIONAL 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 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8.97MM (TID版本)		
.XX	±0.20	.X.* ± 8°	101027-211030		DRAWG NO. C-101027	
.XXX	±0.10	.XX.* ± 5°	DESIGN:	JANUS		
UNIT	mm		CHED:	JANUS	 SCALE 1:1	
MATERIAL	---		APPD:	ARAY		
FINISH	---				SHEET 1/4	REV. A

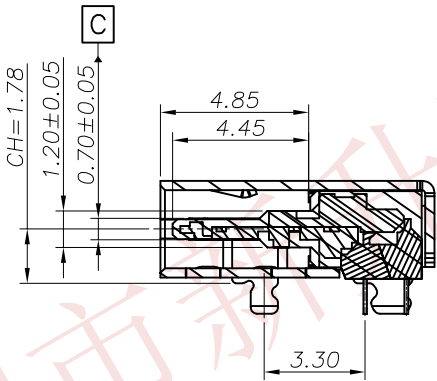
This document is the property of Xinshengyue Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Xinshengyue Corporation without its prior concert&that no right is granted to disclose or to use any information in this document.

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

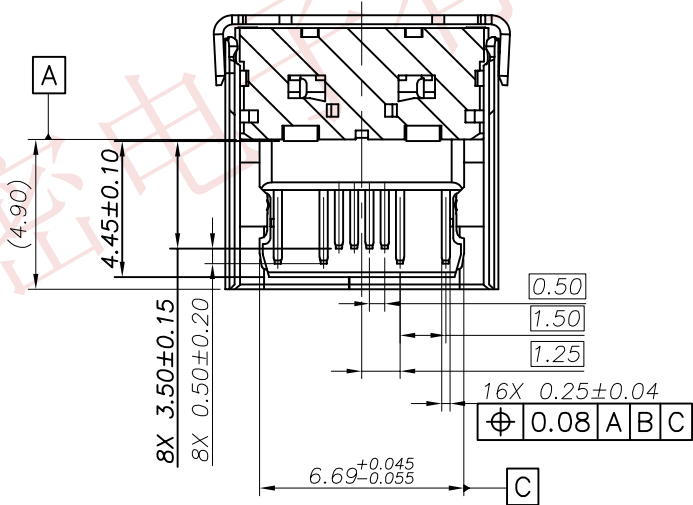
RoHS & HF
Compliant



AFTER MATING



SECTION:A-A



SECTION:B-B

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8.97MM (TID版本)			
.XX ±0.20	.X* ± 8°	101027-211030					
.XXX ±0.10	.XX* ± 5°	DESIGN: JANUS		DRAWG NO. C-101027			
UNIT	mm						
MATERIAL	---	CHED: JANUS		 SCALE SHEET REV.			
FINISH	---	APPD: ARAY					
				1:12/4A			

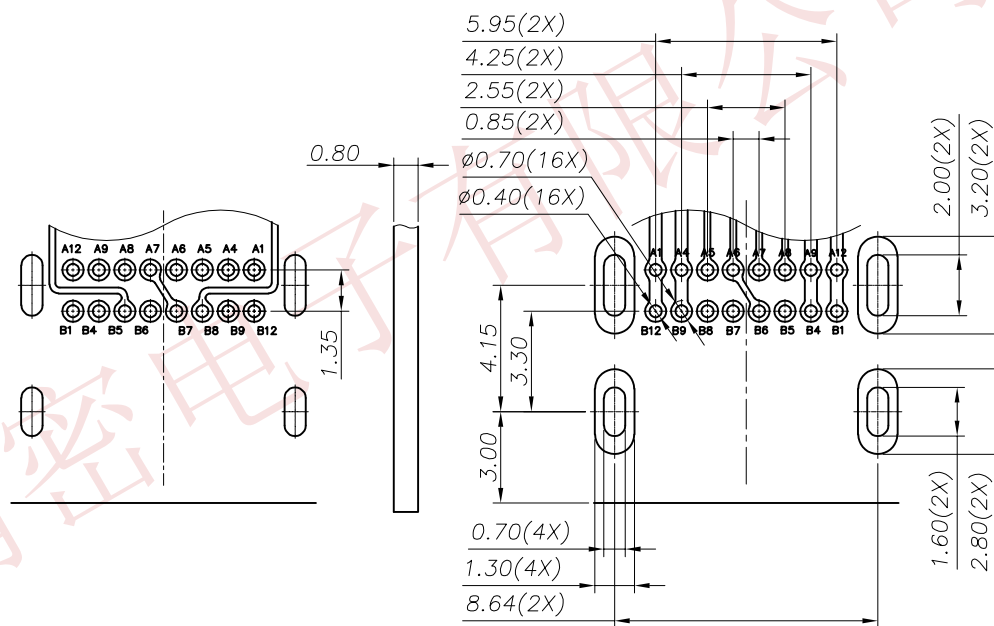
This document is the property of Xinshengyue Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Xinshengyue Corporation without its prior consent and that no right is granted to disclose or to use any information in this document.

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
A4	V _{Bus}	B9	V _{Bus}
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	V _{Bus}	B4	V _{Bus}
A12	GND	B1	GND



PCB BOTTOM SURFACE

RECOMMENDED PCB LAYOUT(TOP VIEW)

DEFAULT TOLERANCE: ± 0.05

P/N: 101027-211030

CONTACT FUNCTIONAL AREA PLATED
03: Au 3u"

—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. 101027-211030		TITLE: TYPEC母座16PIN长8.97MM (TID版本)			
.XX ±0.20	.X* ± 8'						
.XXX ±0.10	.XX* ± 5'						
UNIT	mm	DESIGN: JANUS		DRAWG NO. C-101027			
MATERIAL	---	CHED: JANUS					
FINISH	---	APPD: ARAY					
					SCALE 1:1	SHEET 3/4	REV. A

