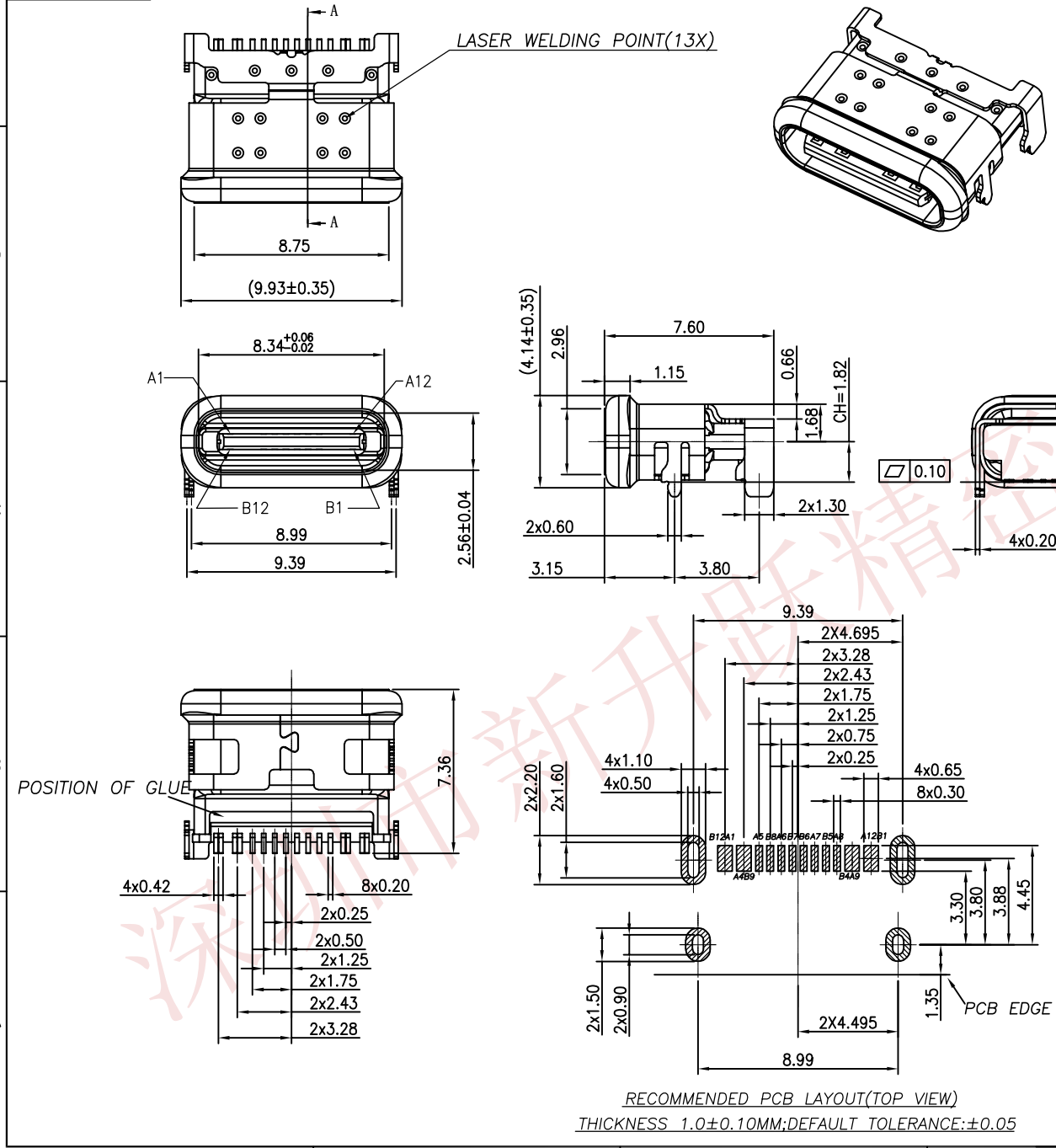


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RoHS & HF
Compliant



NOTE:

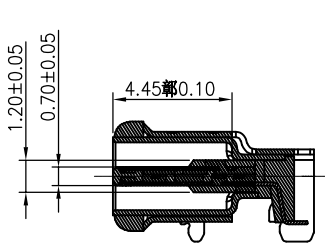
- MATERIAL SPECIFICATION:
 - HOUSING: PA9T(GP2300F), UL94 V-0.
 - TERMINAL: COPPER ALLOY (C18150).
 - MID PLATE: STAINLESS STEEL (SUS301 T=0.15mm)
 - OUT SHELL: STAINLESS STEEL (SUS304 T=0.20mm)
 - INNER SHELL: STAINLESS STEEL (SUS316L T=0.2mm)
 - GLUE: EPOXY, BLACK
 - OUT GASKET: UV GLUE, RED
- PLATING SPECIFICATION:
 - 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
 - OUT SHELL & INNER SHELL:
 - Ni 30u" MIN. UNDER PLATED OVER ALL.
 - MID PLATE:
 - CLEAR ONLY
- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5~2.0kgf.
 - REMOVAL FORCE: 0.8kgf~2.0kgf.
 - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - 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.
 - LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -40°C~+105°C.
- IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.
- WATERPROOF: IPX7

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 (CH=1.82) 防水IPX7			
.XX ±0.20	.X* ± 8°	101018-211030				
.XXX ±0.10	.XX* ± 5°	DESIGN: JANUS	DRAWG NO. C-101018			
UNIT	mm					
MATERIAL	---	CHED: JANUS	 SCALE SHEET REV.			
FINISH	---	APPD: ARAY				
			1:1	1/3	A	

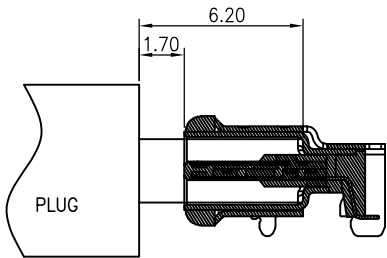
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REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	ECN NO.	INITIAL RELEASED	2026.08.11	JANUS

RoHS & HF
Compliant



SECTION:A-A



AFTER MATING

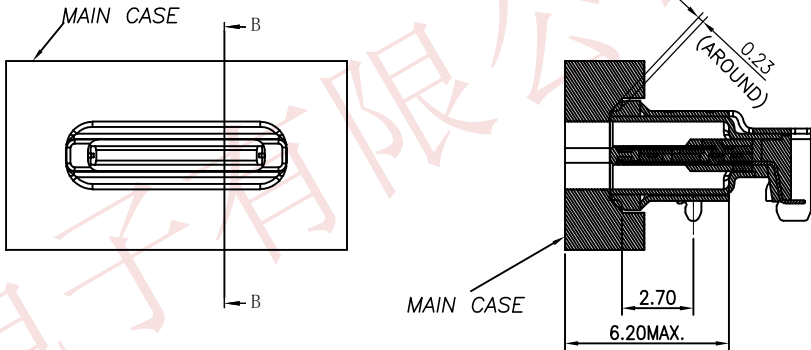
USB TYPE-C PIN ASSIGNMENTS

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: 101018-211030

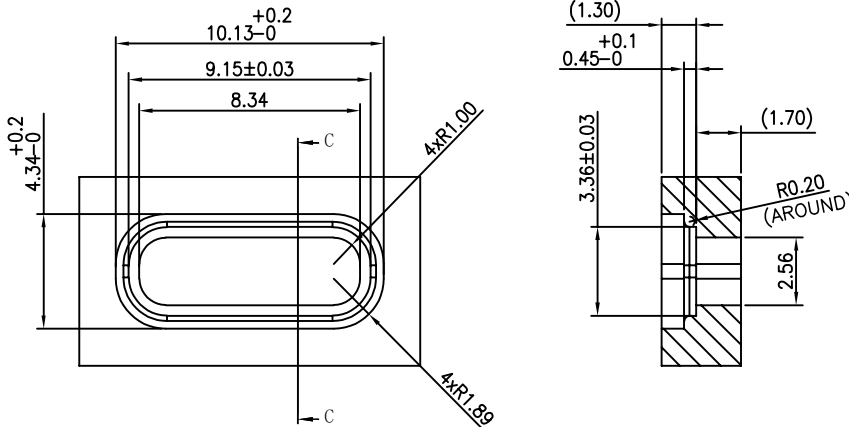
- CONTACT FUNCTIONAL AREA PLATED
03: Au 3u"
- CONTACT SOLDER AREA PLATED
1: Au G/F
- PACKAGING
1: REEL PACKAGING

RECOMMENDED OPENING DIMENSIONS
OF CASE MATING AREA WITH SEALING RING



SECTION:B-B

BEZEL REQUIREMENT

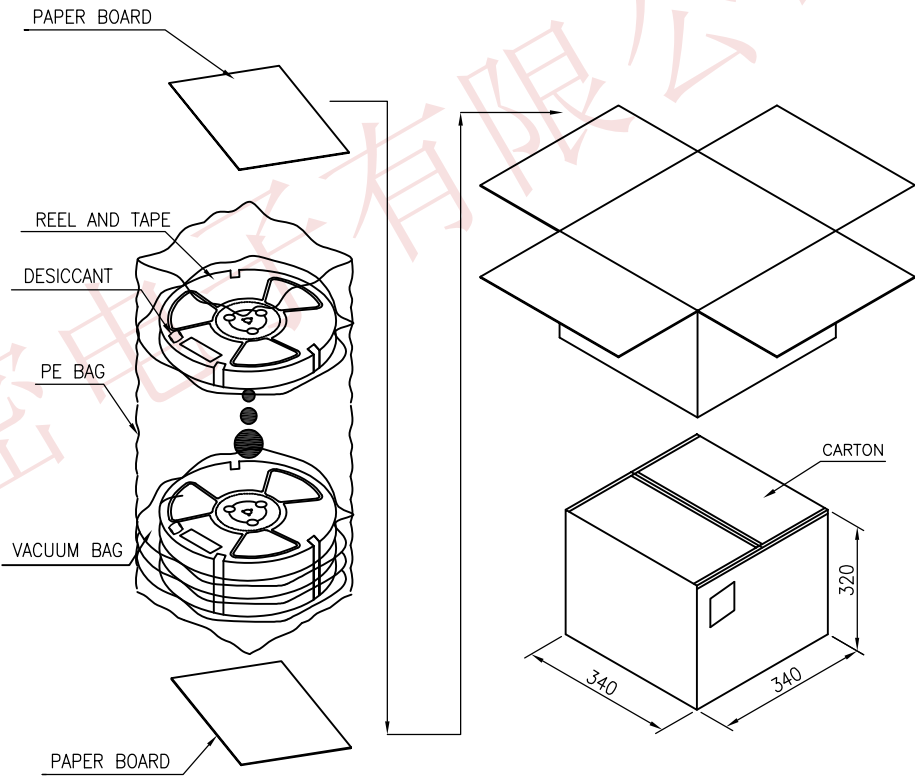
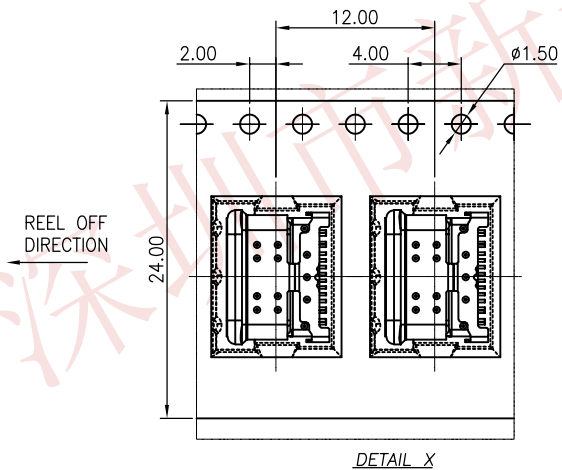
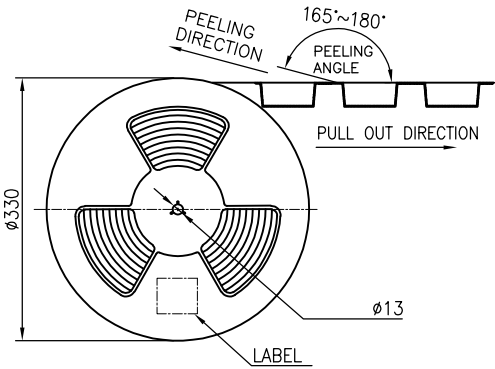
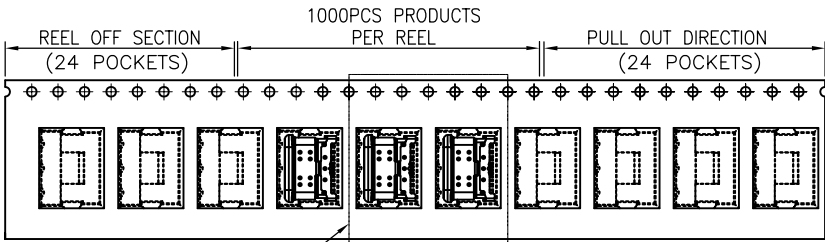


SECTION:C-C

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:		
.XX	±0.20	.X.* ± 8°	101018-211030	TYPEC母座16PIN (CH=1.82) 防水IPX7		
.XXX	±0.10	.XX.* ± 5°	DESIGN: JANUS	DRAWG NO.		
UNIT	mm			C-101018		
MATERIAL	---	CHED: JANUS		SCALESHEETREV.	1:12/3	A
FINISH	---	APPD: ARAY				

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



CONNECTOR (PCS)		REEL/TRAY	CARTON
		1000	10000
TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	
X.X	±0.30	X.*	±10°
.XX	±0.20	.X.*	± 8°
.XXX	±0.10	.XX.*	± 5°
UNIT	mm	DESIGN:	JANUS
MATERIAL	---	CHED:	JANUS
FINISH	---	APPD:	ARAY
PART NO. 101018-211030		TITLE: TYPEC母座16PIN (CH=1.82) 防水IPX7	
DRAWG NO. C-101018		SCALE 1:1	
		SHEET 3/3	REV. A