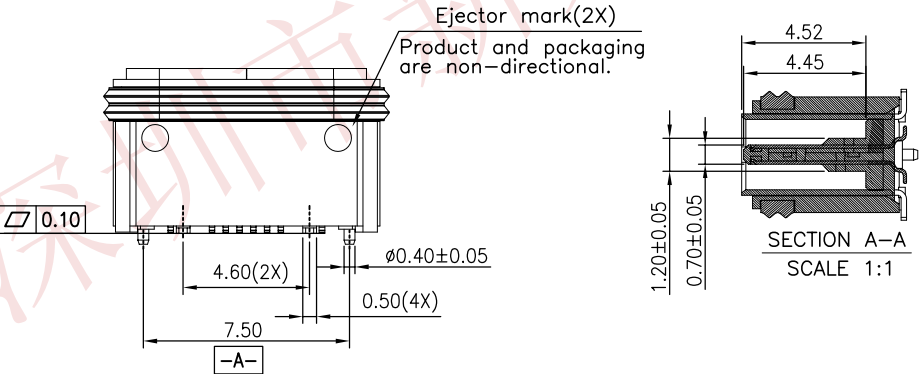
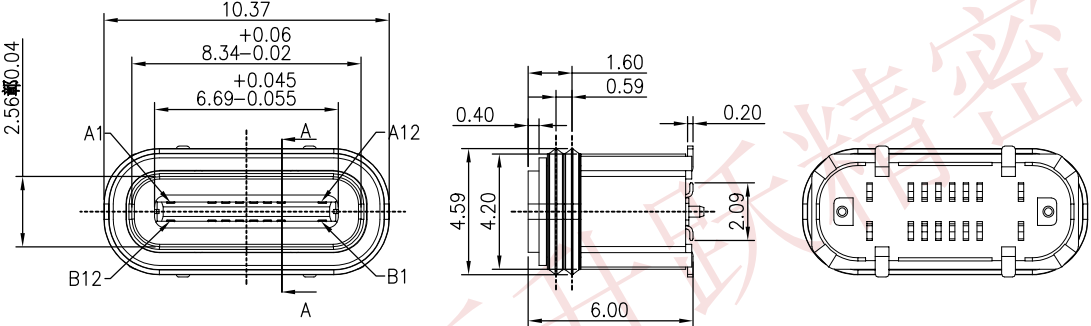
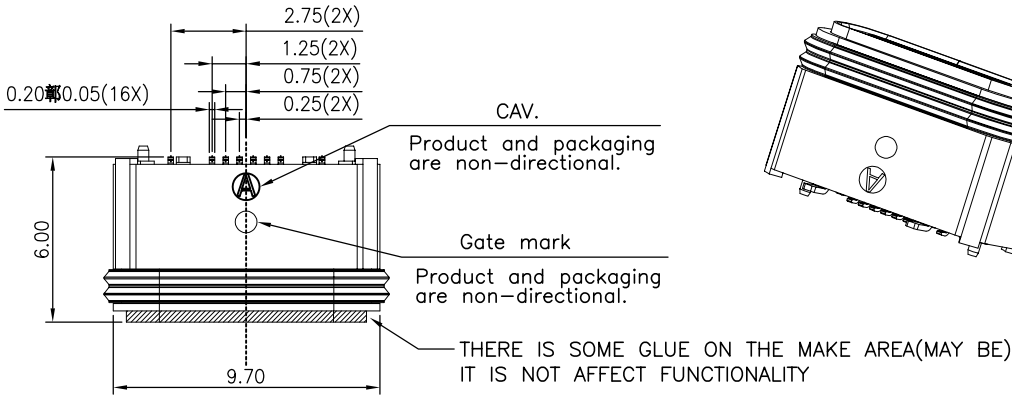


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RoHS & HF
Compliant



- NOTE:
- 1.MATERIAL SPECIFICATION:
1.HOUSING:PA9T(GP2300F),UL94 V-0.
2.TERMINAL: COPPER ALLOY(C18150).
3.MID PLATE: STAINLESS STEEL(SUS301).
4.FRONT SHELL: STAINLESS STEEL(SUS304)
5.0-RING: SILICA GEL,BLACK
6.GLUE:EPOXY,BLACK
 - 2.PLATING SPECIFICATION:
2-1.TERMINAL:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au G/F PLATED ON THE CONTACT AREA
Au G/F PLATED ON THE SOLDER AREA
2-2. SHELL:
Ni 50u" 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.
 - 7.WATERPROOF:IPX5

P/N: 101017-211010

CONTACT FUNCTIONAL AREA PLATED
01: Au G/F

CONTACT SOLDER AREA PLATED
1: Au G/F

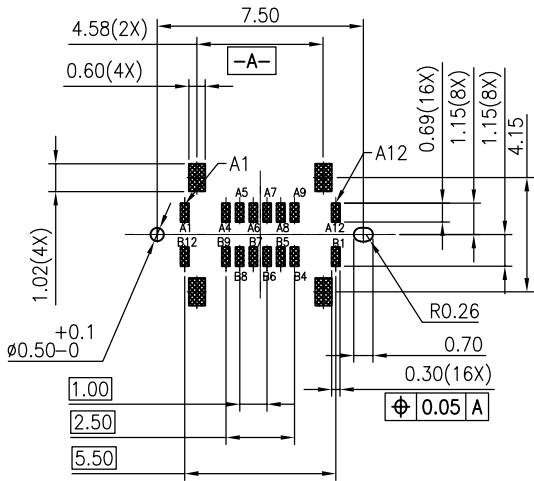
PACKAGING
1: REEL PACKAGING

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.X' ±10'	PART NO.	TITLE: TYPEC母座16PIN直立式6.0MM 防水IPX5		
.XX	±0.20	.X' ± 8'	101017-211010	DRAWG NO. C-101017		
.XXX	±0.10	.XX' ± 5'	DESIGN: JANUS			
UNIT	mm		CHED: JANUS		SCALE	SHEET
MATERIAL	---		APPD: ARAY		1:1	1/3
FINISH	---					REV. A

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

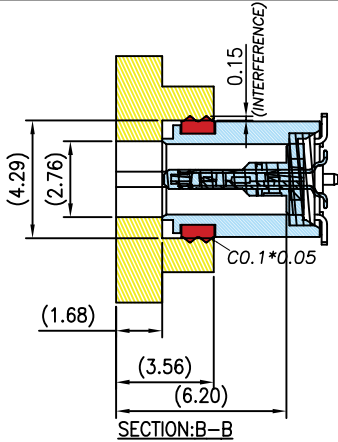
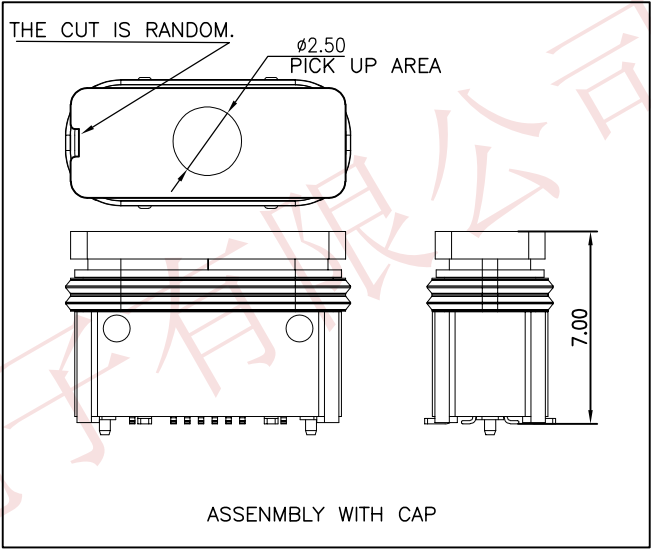
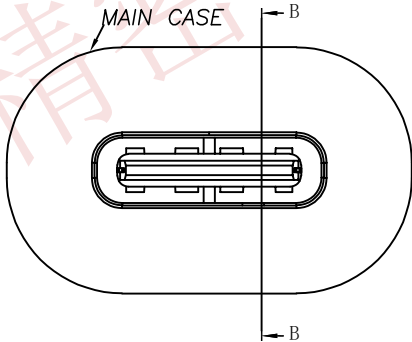
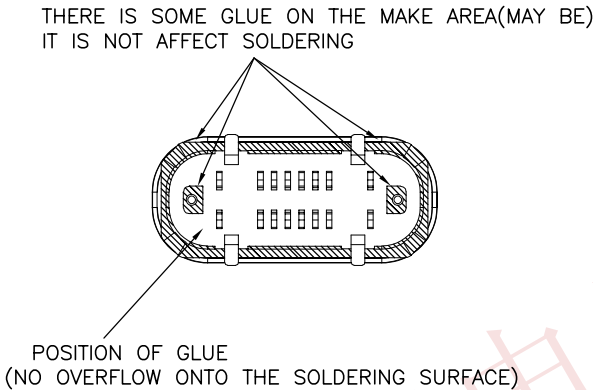
RoHS & HF
Compliant



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.8±0.10MM;DEFAULT TOLERANCE:±0.05

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

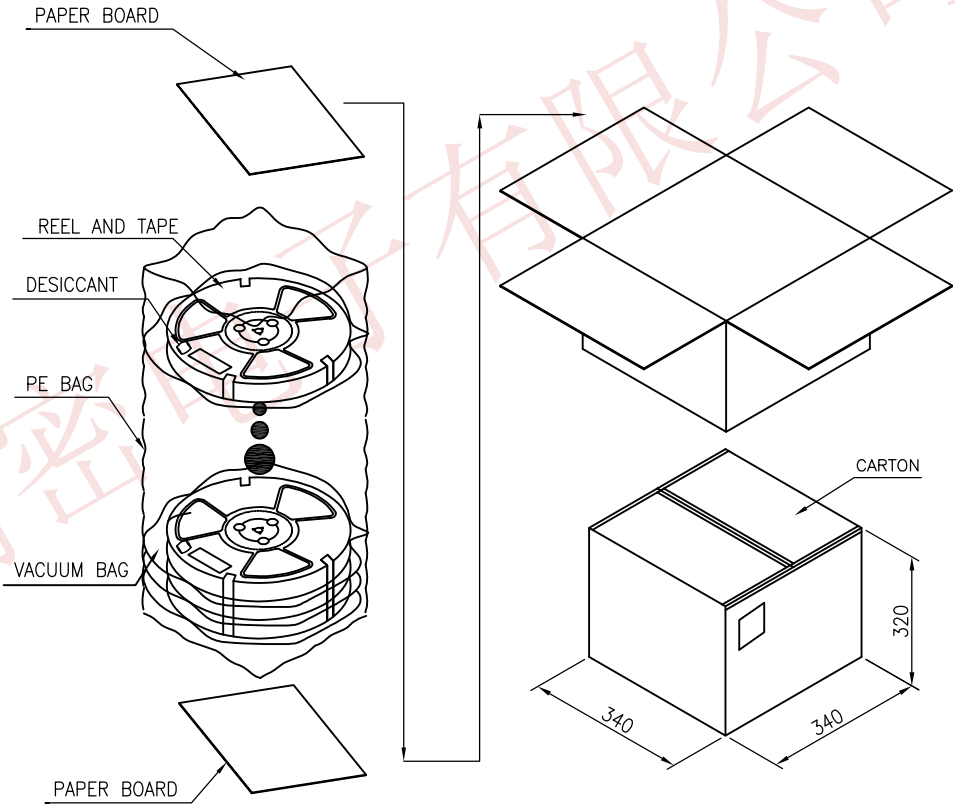
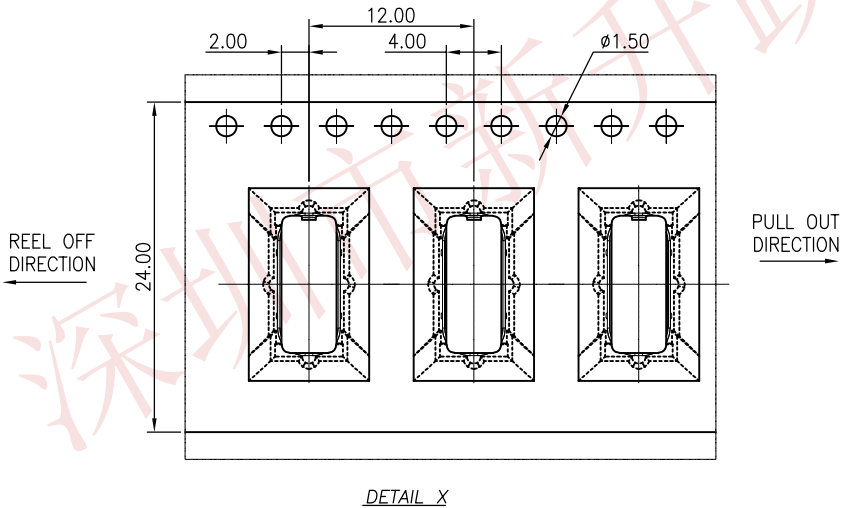
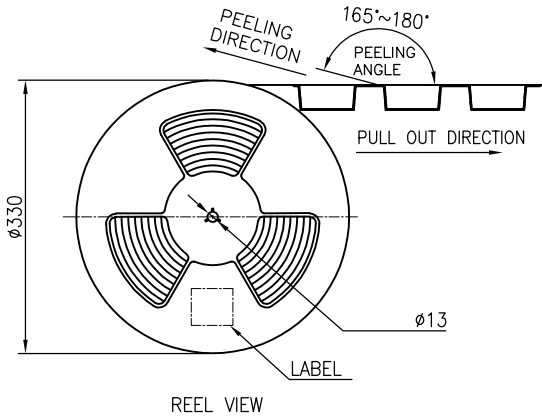
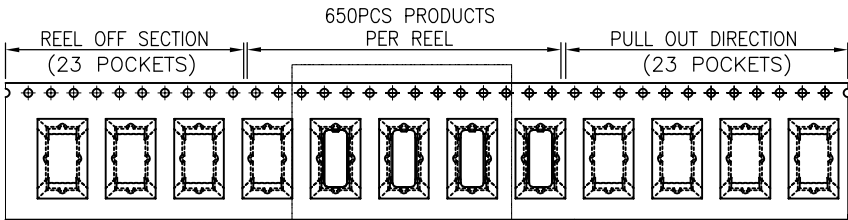


RECOMMENDED OPENING DIMENSIONS
OF CASE MATING AREA WITH SEALING RING

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直立式6.0MM 防水IPX5		
.XX	±0.20	.X.* ± 8°	101017-211010	DRAWG NO.		
.XXX	±0.10	.XX.* ± 5°	DESIGN: JANUS	C-101017		
UNIT	mm	CHED: JANUS	APPD: ARAY	SCALE	SHEET	REV.
MATERIAL	---			1:1	2/3	A
FINISH	---					

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.XXX	±0.10	.XX' ± 5'	DESIGN: JANUS	C-101017		
UNIT	mm		CHED: JANUS		SCALE	SHEET
MATERIAL	---		APPD: ARAY		1:1	3/3
FINISH	---				REV.	A