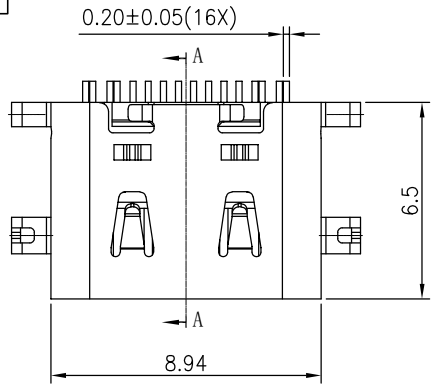
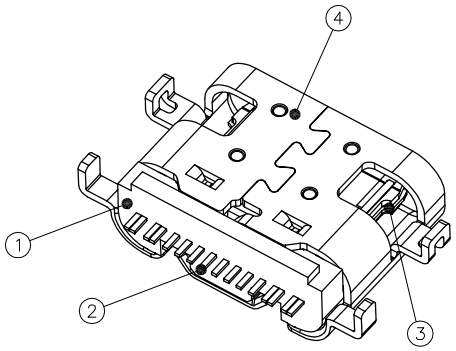
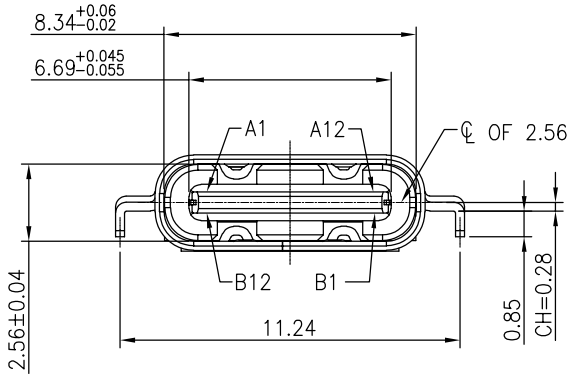
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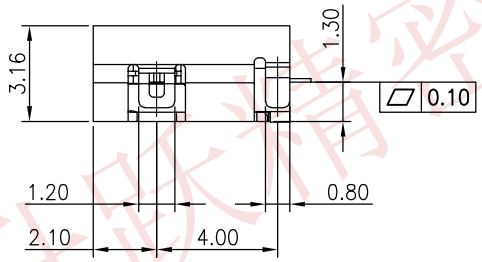
REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	ECN NO.	INITIAL RELEASED	2026.08.11	JANUS

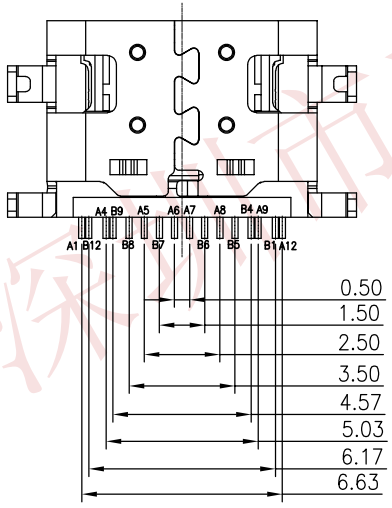
RoHS & HF Compliant

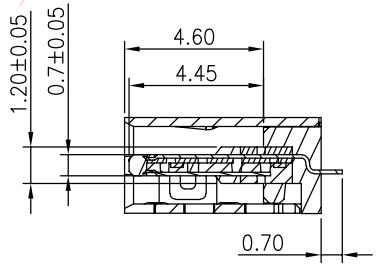












SECTION:A–A

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.

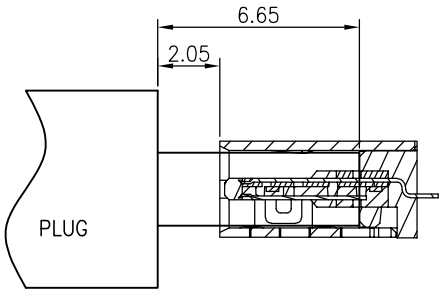
TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	XSUA® 深圳市新升跃精密电子有限公司 SHENZHEN XINSHENGYUE PRECISION ELECTRONICS CO.,LTD
X.X ±0.30	X.° ±10°	PART NO. 101023–211010	TITLE: TYPEC母座16PIN长6.5MM 外壳带弹沉板1.3（CH=0.28）
.XX ±0.20	.X° ± 8°		
.XXX ±0.10	.XX° ± 5°	DESIGN: JANUS	DRAWG NO. C–101023
UNIT	mm	CHED: JANUS	SCALE 1:1 / SHEET 1/3 / REV. A
MATERIAL	–––	APPD: ARAY	
FINISH	–––		

深圳市新升跃精密电子有限公司

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RoHS & HF Compliant

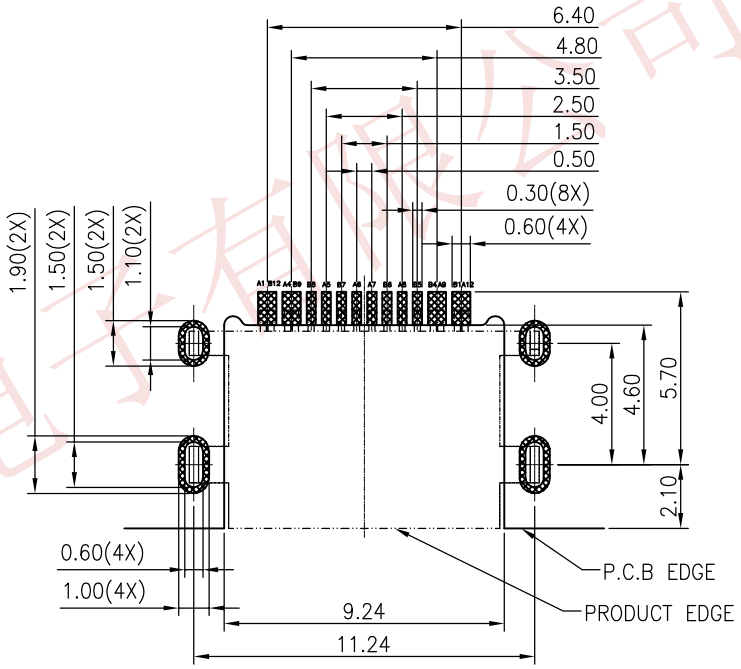


AFTER MATING

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME
A1	GND
A4	VBUS
A5	CC1
A6	Dp1
A7	Dn1
A8	SBU1
A9	VBUS
A12	GND

PIN NUMBER	SIGNAL NAME
B12	GND
B9	VBUS
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	VBUS
B1	GND



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

P/N: 101023-211010

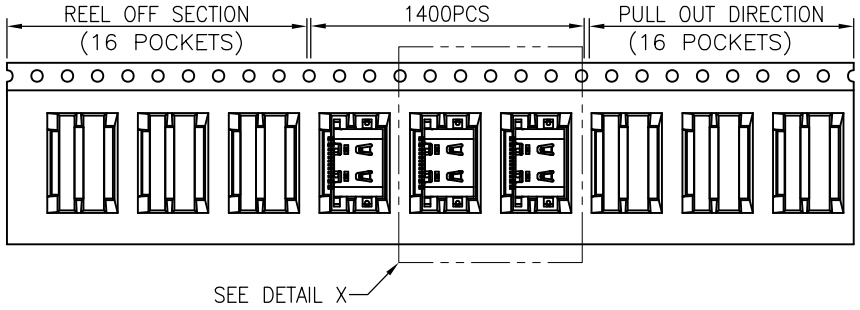
- CONTACT FUNCTIONAL AREA PLATED
  01: Au G/F
- CONTACT SOLDER AREA PLATED
  1: Au G/F
- PACKAGING
  1: REEL PACKAGING

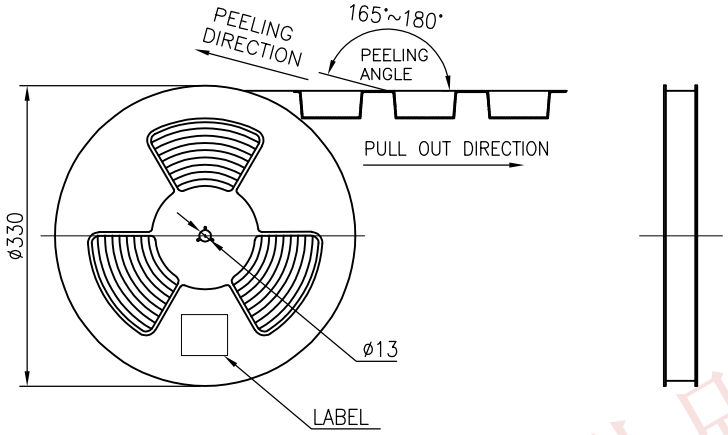
TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	XSUA® 深圳市新升跃精密电子有限公司 SHENZHEN XINSHENGYUE PRECISION ELECTRONICS CO., LTD
X.X ±0.30	X.° ±10°	PART NO. 101023-211010	TITLE: TYPEC母座16PIN长6.5MM 外壳带弹沉板1.3（CH=0.28）
.XX ±0.20	.X° ± 8°		
.XXX ±0.10	.XX° ± 5°	DESIGN: JANUS	DRAWG NO. C-101023
UNIT	mm	CHED: JANUS	SCALE 1:1 / SHEET 2/3 / REV. A
MATERIAL	---	APPD: ARAY	
FINISH	---		

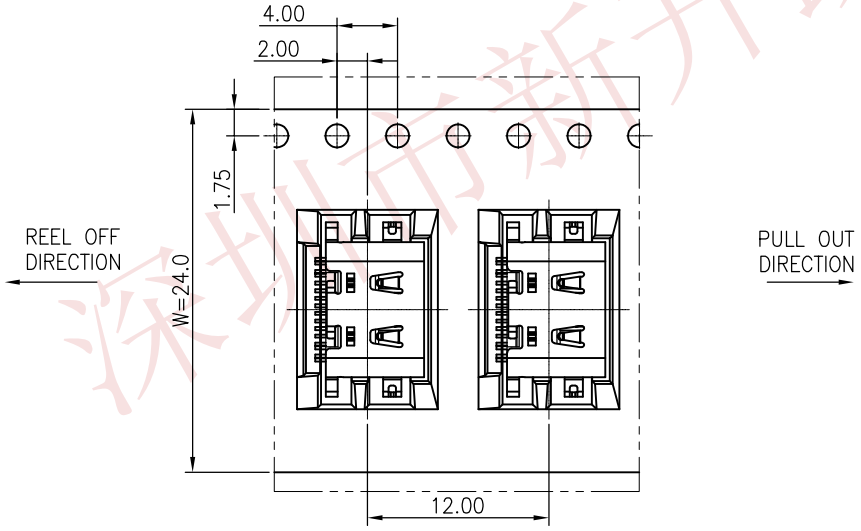
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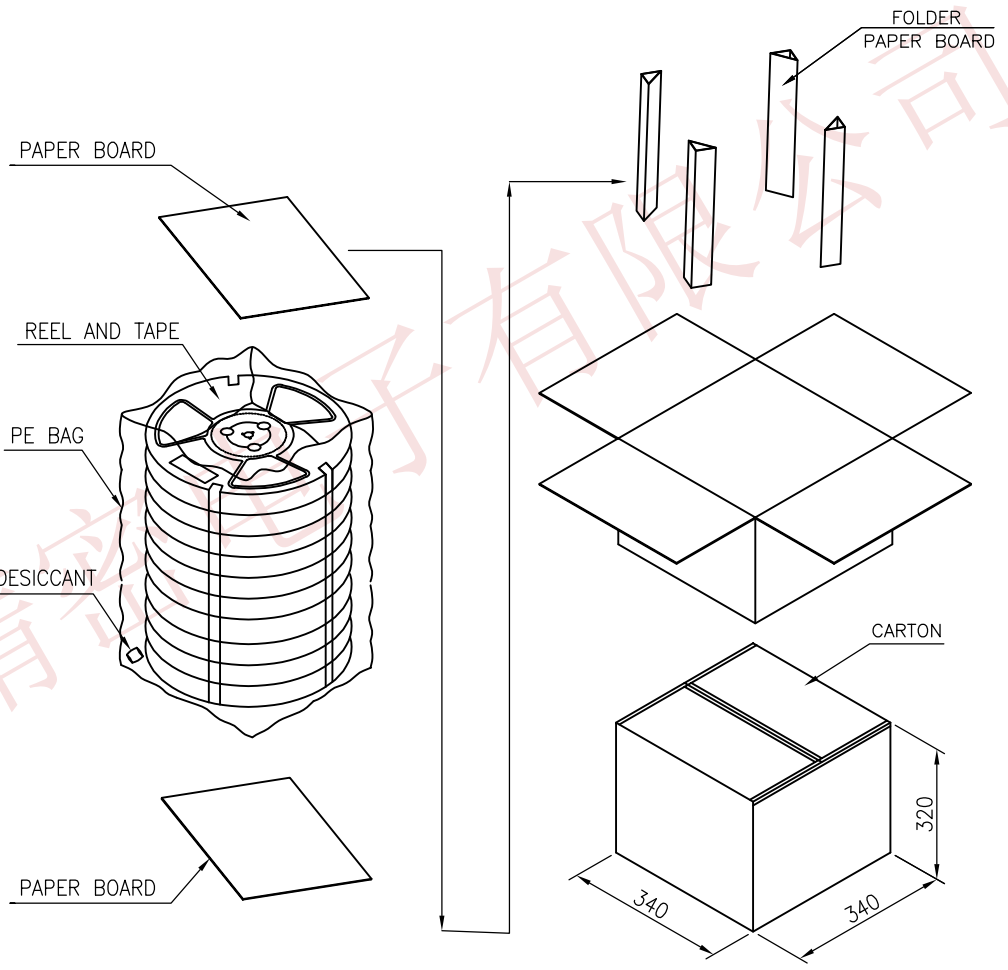
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	REEL	CARTON
CONNECTOR (PCS)	1400	14000

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UNIT	mm	CHED: JANUS	SCALE 1:1 / SHEET 3/3 / REV. A
MATERIAL	---	APPD: ARAY	
FINISH	---		

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