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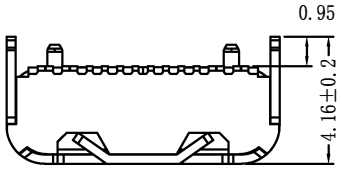
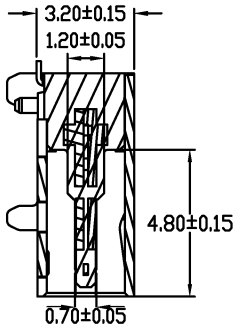
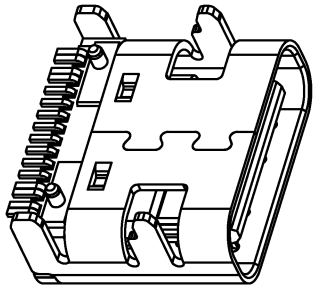
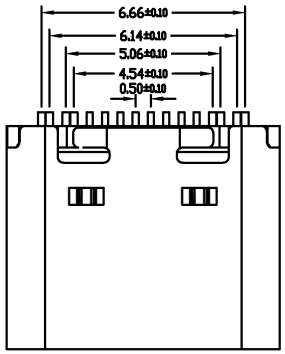
REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	ECN NO.	INITIAL RELEASED	2026.08.11	JANUS

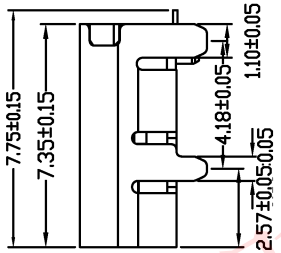
RoHS Compliant

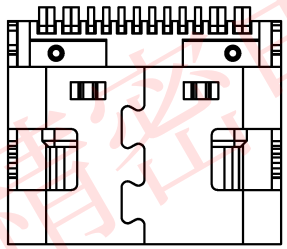




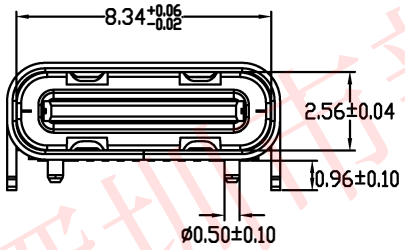


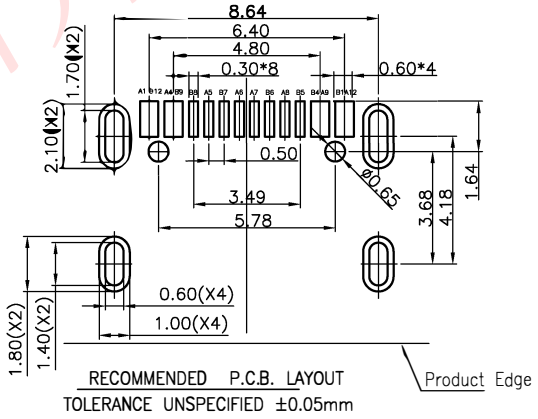






NOTE:
1.MATERIAL SPECIFICATION:
1-1.HOUSING: LCP, BLACK,UL94 V-0.
1-2.TERMINAL: COPPER ALLOY(C2680).
1-3.MID PLATE: STAINLESS STEEL(SUS301).
1-4.FRONT SHELL: STAINLESS STEEL(SUS201).
2.PLATING SPECIFICATION:
2-1.TERMINAL:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
(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,AFTER DURABILITY:0.6kgf~2.0kgf.
3-3.DURABILITY: 10000 CYCLES.
4.ELECTRICAL PERFORMANCE,
4-1.VOLTAGE RATING:20V DC/AC (RMS. MAX);
CURRENT RATING:3A~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: -30°C~+85°C.
6.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.





RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm

P/N: 101053-211010
- CONTACT FUNCTIONAL AREA PLATED
  - 01: Au G/F
- CONTACT SOLDER AREA PLATED
  - 1: Au G/F
- PACKAGING
  - 1: REEL PACKAGING

PIN	SIGNAL NAME	PIN	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

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. SEE P/N	TITLE: TYPE C16P板上型贴板母座 (三次模顶)
.XX ±0.20	.X° ± 8°		
.XXX ±0.10	.XX° ± 5°		
UNIT	mm	DESIGN: JANUS	DRAWG NO. C-101053
MATERIAL	---	CHED: JANUS	SCALE 1:1 / SHEET 1/2 / REV. A
FINISH	---	APPD: ARAY	

深圳市新升跃精密电子有限公司

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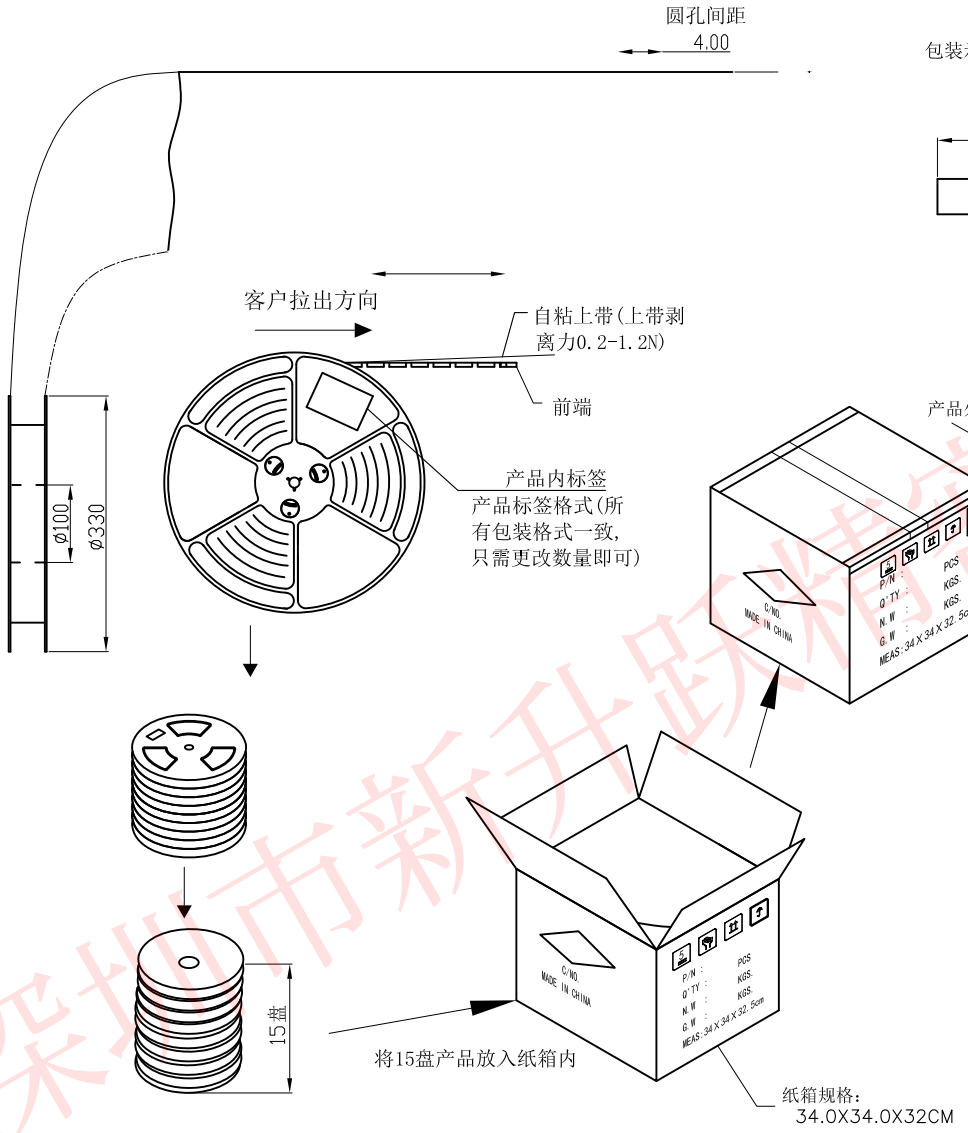
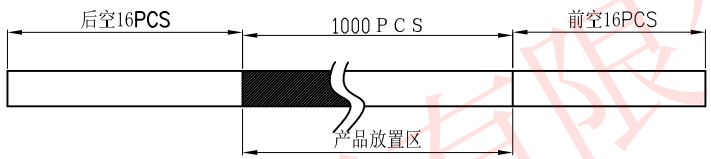


包装示意图:



备注:
1.把上下载带送入载带机进行调整，然后将产品按照指定的方式摆入下载带中，开动卷带机进行卷装（每卷包1000PCS），
2.在卷装OK的每卷盘面的指定位置上贴上物料标签装入纸箱内;每箱装15盘
3.纸箱用封箱带将其封好，胶带要求工字型，不可遮住标签;
4.如果客户对包装标签另有要求，请按客户要求作业；有未满之零数箱需用缓冲材料填充;
5.上载带剥离力:0.2-1.2N.;

	REEL	CARTON
CONNECTOR (PCS)	1000	15000

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. SEE P/N	TITLE: TYPE C16P板上型贴板母座（三次模顶）
.XX ±0.20	.X° ± 8°		
.XXX ±0.10	.XX° ± 5°	DESIGN: JANUS	DRAWG NO. C-101053
UNIT	mm	CHED: JANUS	SCALE 1:1 / SHEET 2/2 / REV. A
MATERIAL	---	APPD: ARAY	
FINISH	---		

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