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

RoHS & HF
Compliant

- NOTE:
- 1.MATERIAL SPECIFICATION:
- 1-1.TYPE C HOUSING:PA9T/BLACK,UL94 V-0.
 - 1-2.MAIN HOUSING:PA9T/BLACK,UL94 V-0.
 - 1-3.COVER:PA9T/BLACK,UL94 V-0.
 - 1-4.TYPE C CONTACTS: COPPER ALLOY(C18150)
 - 1-5.MID PLATE: STAINLESS STEEL(SUS301)
 - 1-6.TYPE A CONTACTS: BRASS(C2680)
 - 1-7.TYPE A CONTACTS: PHOSPHOR COPPER(C5210)
 - 1-8.TYPE C SHELL: STAINLESS STEEL(SUS304)
 - 1-9.TOP SHELL: STAINLESS STEEL(SUS304)
 - 1-10.FRONT SHELL: STAINLESS STEEL(SUS304)
 - 1-11.SOLDER TAIL TERMINAL: BRASS(C2680)
- 2.PLATING SPECIFICATION:
- 2-1.TYPE C&TYPE A CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
 - 2-2.TYPE C SHELL&TOP SHELL&FRONT SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.
 - 2-3.MID PLATE:
Ni 30u" MIN. UNDER PLATED OVER ALL.
 - 2-4.SOLDER TAIL TERMINAL:
100U" MIN MATTE TIN, 30U"MIN NICKEL OVERALL

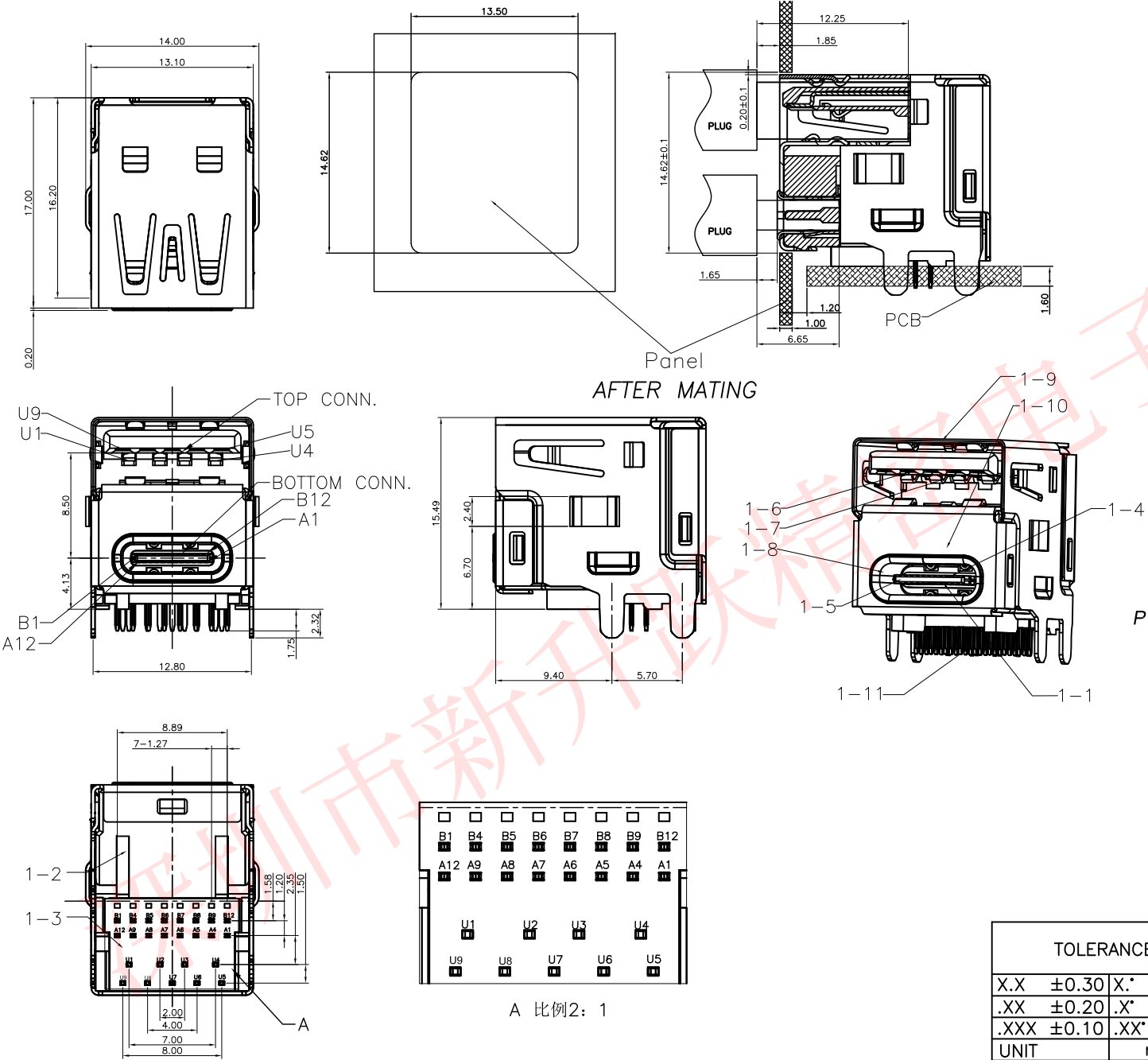
P/N: 101052-211101

BOTTOM CONN. CONTACT PLATED
1: Au G/F

TOP CONN. CONTACT 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.	TITLE: USB A 3.0&USB TYPE C Receptacle Shell straight edge		
.XX	±0.20	.X.* ± 8°	SEE P/N	DRAWG NO.		
.XXX	±0.10	.XX.* ± 5°	DESIGN: JANUS	C-101052		
UNIT	mm		CHED: JANUS	SCALE SHEET REV.		
MATERIAL	---		APPD: ARAY	1:1 1/3 A		
FINISH	---					



NOTE:

3.MECHANICAL PERFORMANCE,

USB-TYPE C

3-1.INSERTION FORCE: 0.5~2.0kgf.

3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.

3-3.DURABILITY: 10000 CYCLES.

USB-TYPE A

3-4.INSERTION FORCE: 3.5kgf MAX.

3-5.REMOVAL FORCE: 1.0kgf MAX.

3-6.DURABILITY: 5000 CYCLES.

4.ELECTRICAL PERFORMANCE,

USB-TYPE C

4-1. CURRENT RATING:5.0A

VOLTAGE RATING:48V DC/AC (RMS. MAX)

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.

USB-TYPE A

4-5.CURRENT RATING:1.5A

VOLTAGE RATING:48V DC/AC (RMS. MAX)

4-6. LLCR:

VBUS & GND PINS AND OTHER PINS: 20mΩ/PIN MAX.

LLCR MAX. CHANGE OF ALL PINS: 10mΩ.

4-6.INSULATION RESISTANCE: 100MΩ MIN

4-7.DIELECTRIC WITHSTAND VOLTAGE,AC 500V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -25°C~+85°C.

6. WAVE SOLDERING:

THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 265±3°C.

RoHS & HF Compliant

12.80

8.00

7.00

4.00

2.00

9-Ø0.80

9-Ø0.60

24-Ø0.60

24-Ø0.40

U9

U8

U7

U6

U5

U4

U3

U2

U1

A12

A9

A8

A7

A6

A5

A4

A1

B12

B9

B8

B7

B6

B5

B4

B1

1.50

2.35

1.20

1.58

4-2.40

4-2.70

5.70

0.60

0.90

7-1.27

8.89

9.40

PRODUCT EDGE

Keepout Area

USB A&USB CF 16PIN RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 1.6MM;DEFAULT TOLERANCE:±0.05,SCALE 2:1

USB TYPE-C 16 PIN ASSIGNMENTS

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

USB TYPE-A 9 PIN ASSIGNMENTS

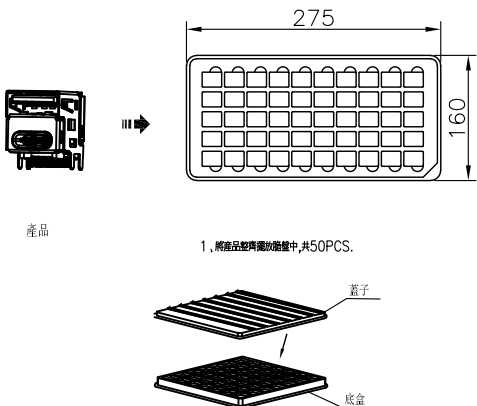
PIN NUMBER	SIGNAL NAME
U1	VBUS
U2	D-
U3	D+
U4	GND
U5	StdA_SSRX-
U6	StdA_SSRX+
U7	GND_DRAIN
U8	StdA_SSTX-
U9	StdA_SSTX+
She11	Shield

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X.X ±0.30	X.* ±10°	PART NO.	SEE P/N
.XX ±0.20	.X* ± 8°	DESIGN: JANUS	TITLE: USB A 3.0&USB TYPE C Receptacle Shell straight edge
.XXX ±0.10	.XX* ± 5°	CHED: JANUS	DRAWG NO. C-101052
UNIT mm	APPD: ARAY	SCALE 1:1	SHEET 2/3
MATERIAL ---		REV. A	
FINISH ---			

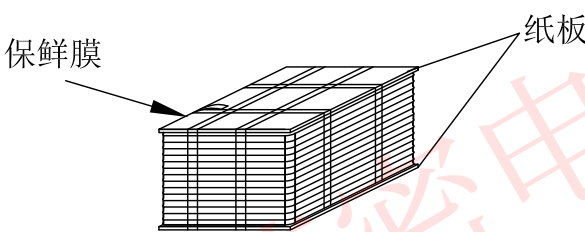
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1-1 将USB3.0 AF+USB CF 16PIN叠层的成品整齐的装入真空盒底盒内。
1-2 每盘真空盒上面必须盖一个盖子，以免产品漏失。
1-3 真空盒材质必须是PET环保材料。
每盘装成品50PCS

备注:

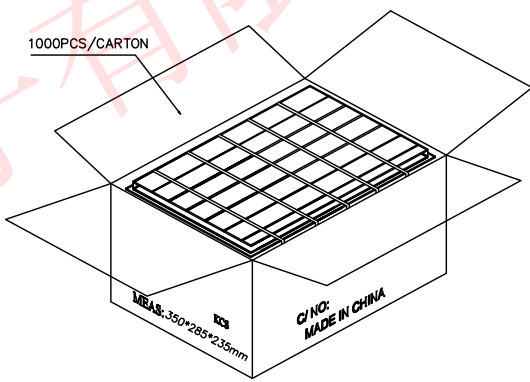


2-1 每箱2扎装，每扎共10盘，用 PE膜将托盘两边缠绕；上下各放一块硬纸板。
每箱的数量小计:2*10*50=1000PCS



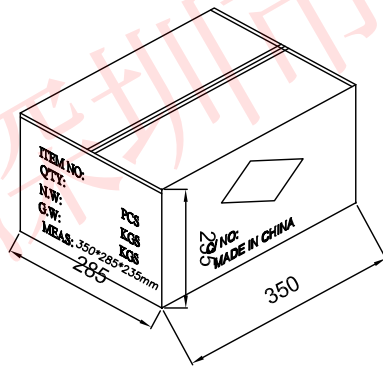
3-1 将1摞成品依次放入纸箱内. 备注:
纸箱规格:350*285*235mm
3-2. 纸箱4个角落用缓冲材料塞好，并盖上与之相配的纸板
3-3. 包装明细:

盘/每箱	PCS/每盘	PCS/每箱
20 盘/每箱	50PCS/每盘	1000PCS/每箱



4-1 纸箱开口处以透明胶带贴合。
4-2 若有未装满的零数箱,必须以缓冲材塞满。

5-1.外标签贴在外箱侧麦左上角，环保标签贴在外标签右上角。



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