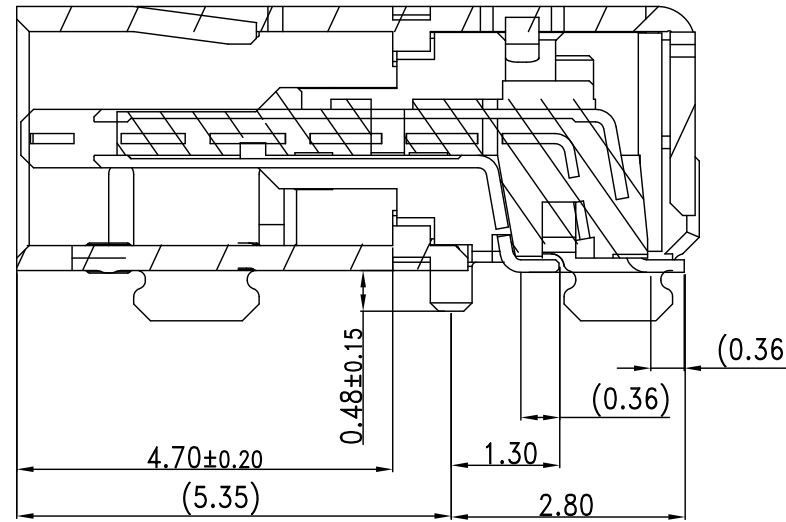
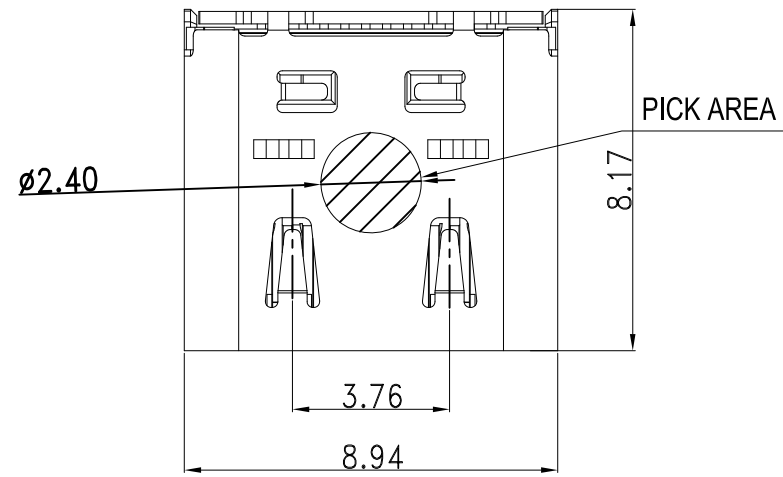


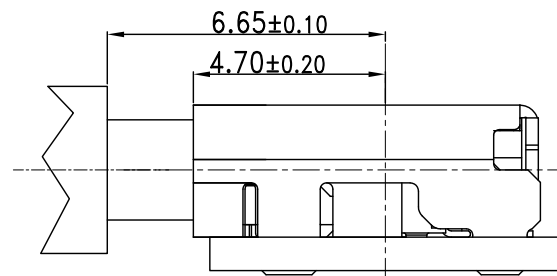
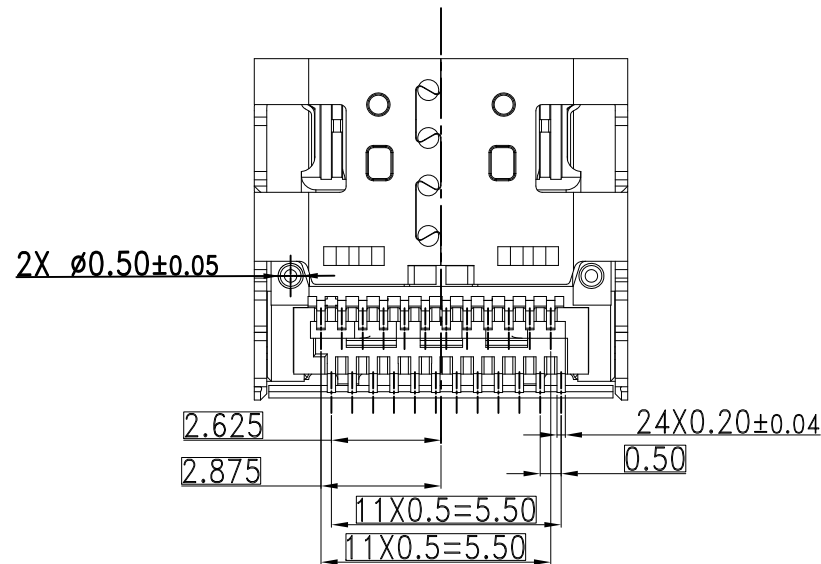
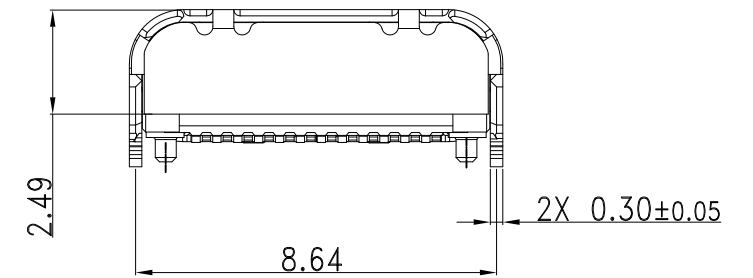
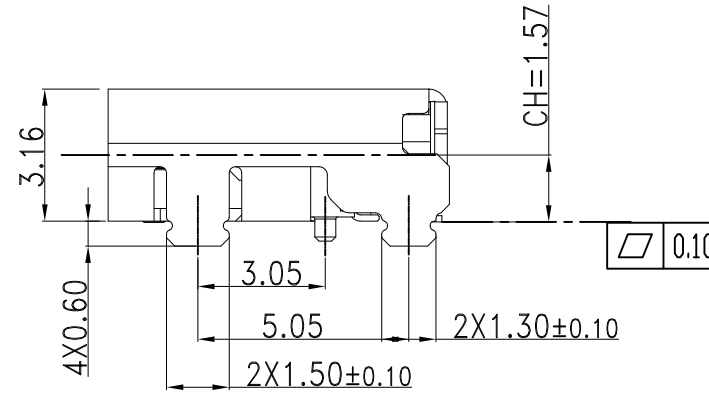
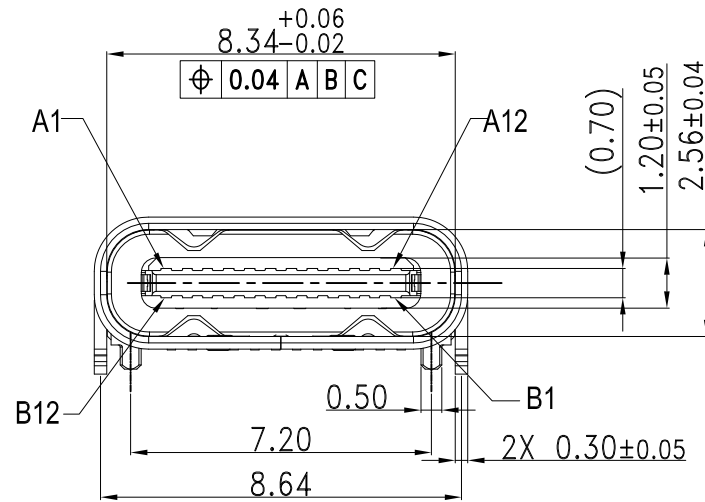
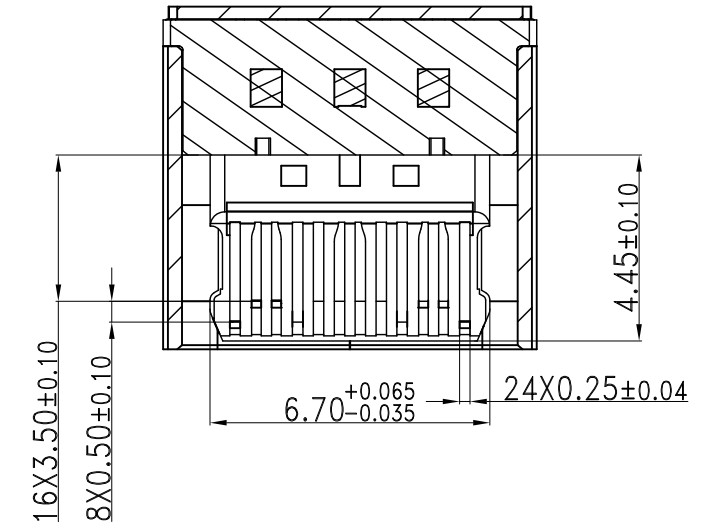
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# CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	20XXXXXXX	NEW RELEASE	2021/01/11	Michael.Qin
2	20XXXXXXX	Modify PCB Layout design	2022/06/09	Michael.Qin
3	20XXXXXXX	Modify PCB Layout design	2022/06/10	Michael.Qin
3	20XXXXXXX	Update package contents	2022/06/21	Michael.Qin



SECTION A-A (剖视图A-A)  
SCALE 2:1 (比例 2:1)



MATED CONDITION(REF.)

HF (无卤)	√
NOT-HF (有卤)	



Pin定义:

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	Vbus	CC1	D+	D-	SBU1	Vbus	RX2-	RX2+	GND
GND	RX1+	RX1-	Vbus	SBU2	D-	D+	CC2	Vbus	TX2-	TX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

UNLESS OTHERWISE SPECIFIED TOLERANCES	U.S.	METRIC	APPROVAL	DATE	<b>Amphenol</b> Amphenol East Asia Limited TITLE: Customer Drawing For <b>USB4 TYPE C CONNECTOR TOP MOUNT</b> <b>CH=1.57mm</b>
	.X	+/-		0.50	
.XX	+/-	0.20	DRAWN: <b>Fel.Wu</b>		
.XXX	+/-	0.10	CHECKED: <b>Michael.qin</b>	05/11/20	
FRACTIONS	+/-		CHECKED:		
ANGLES	+/-	3°	DRAWING FILE: R:\DCI\Engineering data\RD\I.T. 程图客户图		
FOR MATERIALS AND FINISHES SEE NOTES			REMOVE SHARP EDGES		ANGLE OF PROJECTION
DIMENSIONS			U.S. INCHES		
(METRIC)			(MM)		SIZE: A3 DRAWING NO.: C 12402143 SCALE: NONE SHEET 1 OF 3

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# CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED

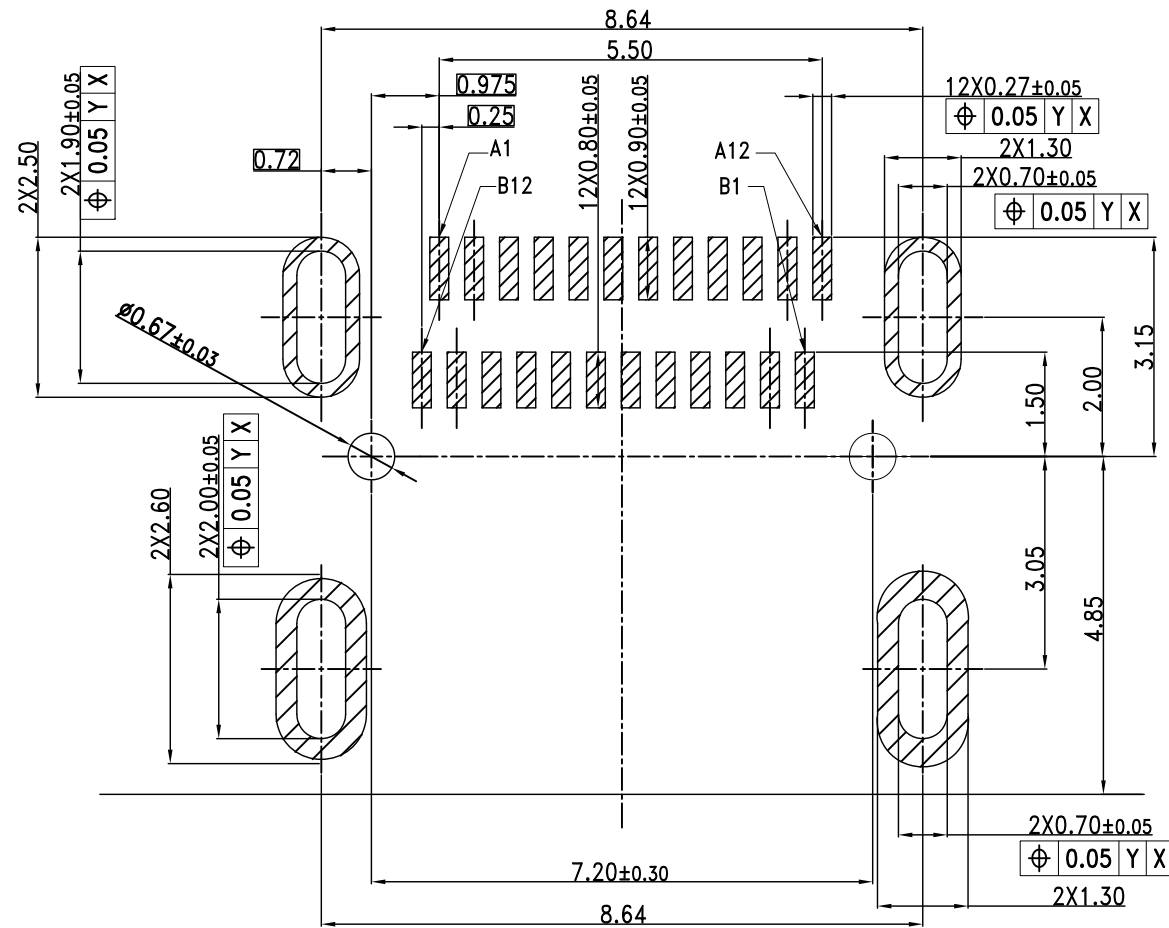
## NOTES/注释:

- MATERIAL/材料: SEE TABLE/见下表
- GENERAL SPECIFICATION/通用特性:
  - COPLANARITY /共面度: 0.10 Max.
  - CURRENT RATING: 5A / 额定电流: 5安培
  - CONTACT RESISTANCE: 40mΩ MAX (INITIAL).  
INSULATION RESISTANCE: 100MΩ Min  
接触电阻: 40毫欧最大(初始值) / 绝缘电阻: 100MΩ Min
  - DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC  
耐电压: 100伏交流
  - MECHANICAL CHARACTERISTICS:  
INSERTION FORCE: 5~20N EXTRACTION FORCE: 8~20N  
AFTER DURABILITY EXTRACTION FORCE: 6~20N  
力学特性: 初始插入力: 5~20N 拔出力: 8~20N  
耐久后拔出力: 6~20N
  - DURABILITY: 10000 CYCLES / 耐久性: 10000次
  - PACKAGING TYPE: CARRIER TAPE./ 包装类型: 载带包装
- DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5M 1994.  
尺寸标注基于ASME Y14.5M 1994标准规范
- MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC.# S-SN-002, FOR HALOGEN FREE PRODUCTS, ALSO NEED TO MEET S-SN-004.  
产品材料环保标准为Amphenol SSN#002,如果是无卤产品需满足标准SSN#004
- ORDER P/N SYSTEM/产品料号编码系统 : 12402143E512A

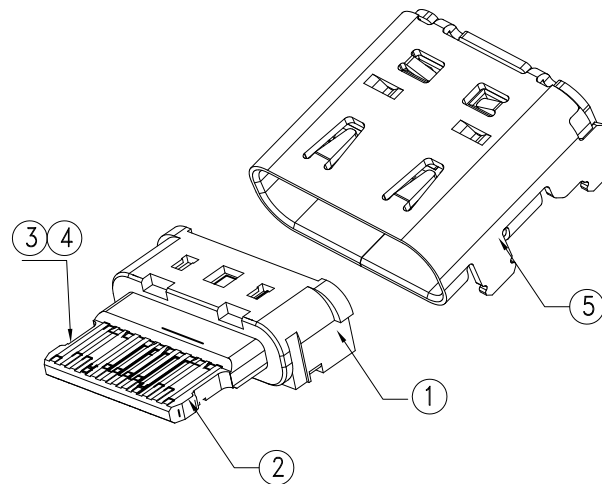
### Plating Spec:

- E5: Mating Area: Au 30u" Min  
Solder Area: Gold flash  
50u"Min Nickel Under Plating Over All
- E2: Mating Area: Gold flash  
Solder Area: Gold flash  
50u"Min Nickel Under Plating Over All

- A: HF
- Package Spec. 2: Reel
- Date Code Description  
0: Without D/C  
1: With D/C



Recommended PCB Layout (Top View) / 推荐的PCB布局 (前视图)  
General Tolerances: ±0.05 / 一般公差: ±0.05



HF (无卤)	√
NOT-HF (有卤)	

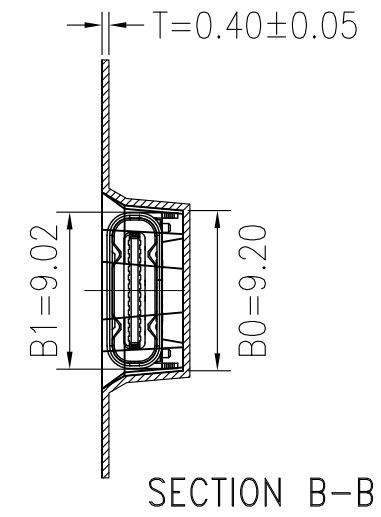
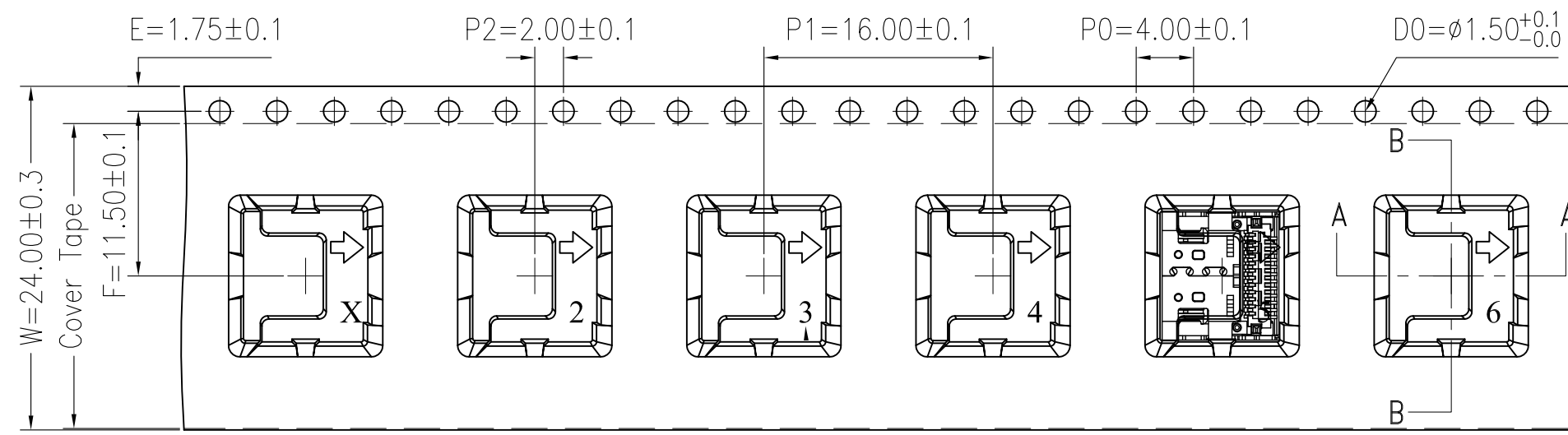
ITEM	DESCRIPTION	Q'TY	MATERIAL	FINISH
5	INNER-SHELL	1	STAINLESS STEEL	SOLDER NICKEL: NIKE 50u" MIN
4	TOP TERMINAL	1	COPPER ALLOY	SEE NOTES
3	BOTTOM TERMINAL	1	COPPER ALLOY	SEE NOTES
2	MID PLATE	1	STAINLESS STEEL	SOLDER NICKEL: 50U" MIN
1	MAIN HOUSING	1	HIGH TEMPERATURE PLASTIC	BLACK

BILL OF MATERIAL				
UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- 0.50 .XX +/- 0.20 .XXX +/- 0.10 FRACTIONS +/- ANGLES +/- 3'	APPROVAL	DATE	<b>Amphenol</b> Amphenol East Asia Limited TITLE: Customer Drawing For <b>USB4 TYPE C CONNECTOR TOP MOUNT CH=1.57mm</b>	
	DRAWN: <b>Fel.Wu</b>	05/11/20		
	CHECKED: <b>Michael.qin</b>	05/11/20		
FOR MATERIALS AND FINISHES SEE NOTES	DRAWING FILE: R:\DCI\Engineering\data\RD\T.程图\客户图		SIZE	DRAWING NO.
REMOVE SHARP EDGES	ANGLE OF PROJECTION		A3	C 12402143
DIMENSIONS			SCALE	NONE
U.S. INCHES			SHEET	2 OF 3
(METRIC) (MM)			REV.	4

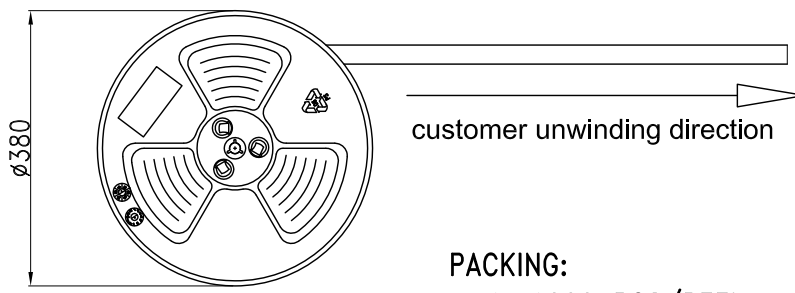
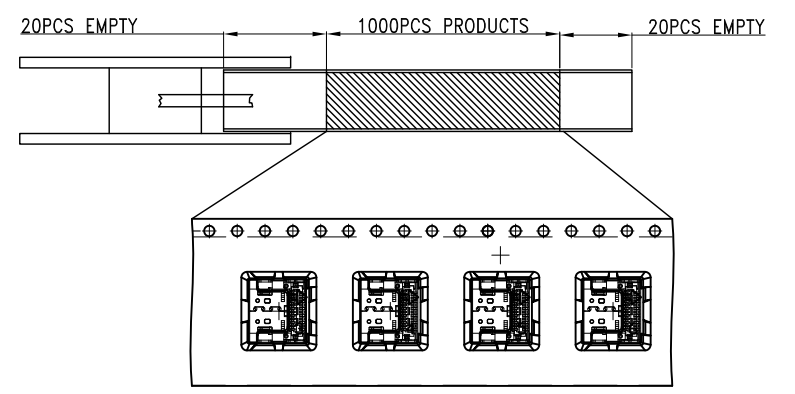
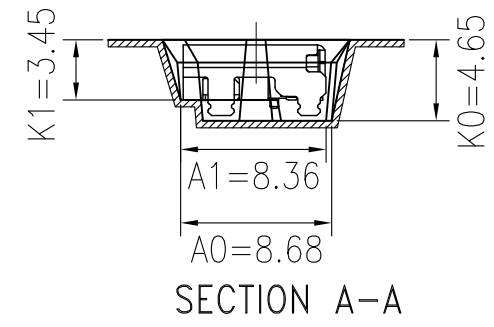
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# CUSTOMER DRAWING

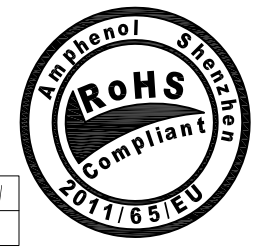
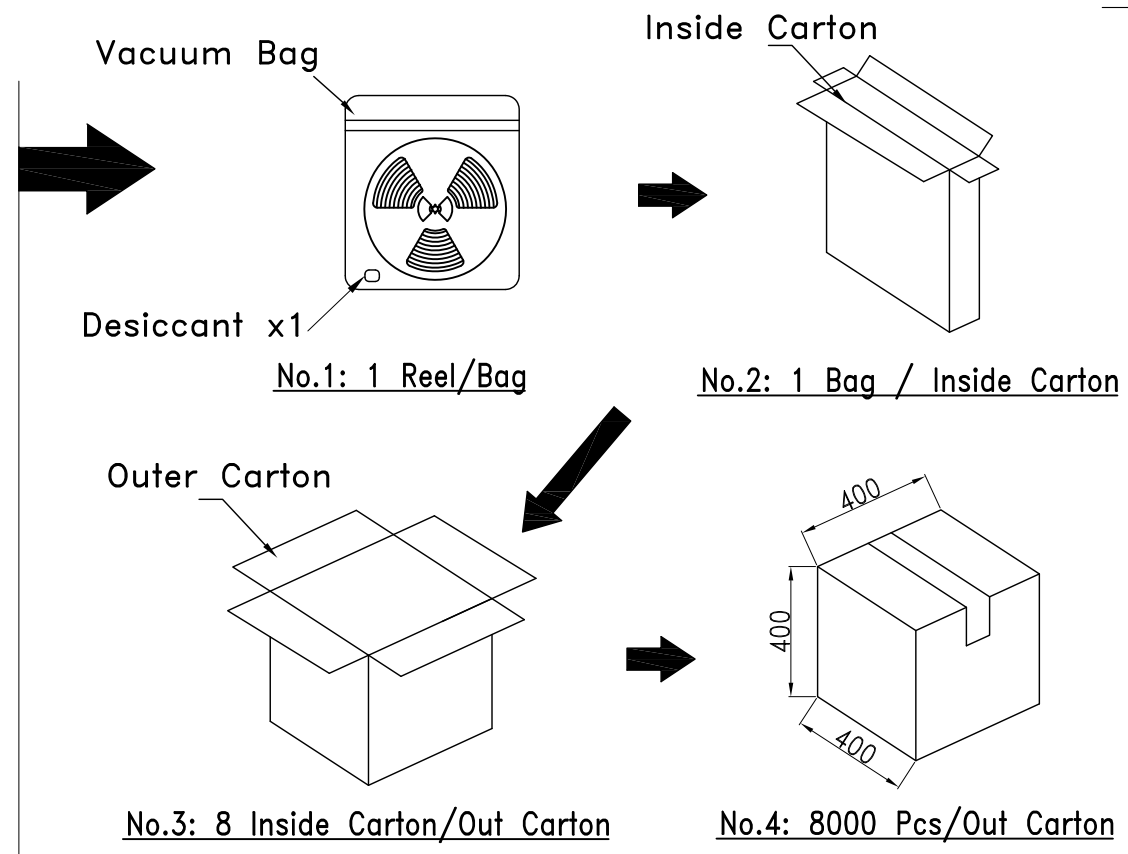
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED



载带卷料方向



**PACKING:**  
 1. 1000 PCS/REEL.  
 2. 8 REEL/CARTON.



HF(无卤)	√
NOT-HF(有卤)	

UNLESS OTHERWISE SPECIFIED TOLERANCES	APPROVAL	DATE	Amphenol Amphenol East Asia Limited
	DRAWN <b>Fel.Wu</b>	<b>05/11/20</b>	
.X +/- 0.50	CHECKED <b>Michael.qin</b>	<b>05/11/20</b>	TITLE Customer Drawing For <b>USB4 TYPE C CONNECTOR TOP MOUNT CH=1.57mm</b>
.XX +/- 0.20	CHECKED		
.XXX +/- 0.10	DRAWING FILE : R:\DCI\Engineering\data\RD\T.程图客户楼		SIZE DRAWING NO.
FRACTIONS +/-	REMOVE SHARP EDGES		<b>A3</b> <b>C 12402143</b>
ANGLES +/- 3'	DIMENSIONS		REV. <b>4</b>
FOR MATERIALS AND FINISHES SEE NOTES	ANGLE OF PROJECTION		SCALE <b>NONE</b>
	U.S. INCHES		SHEET <b>3 OF 3</b>
	(METRIC) (MM)		