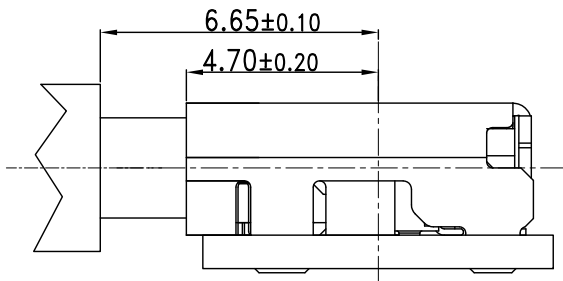
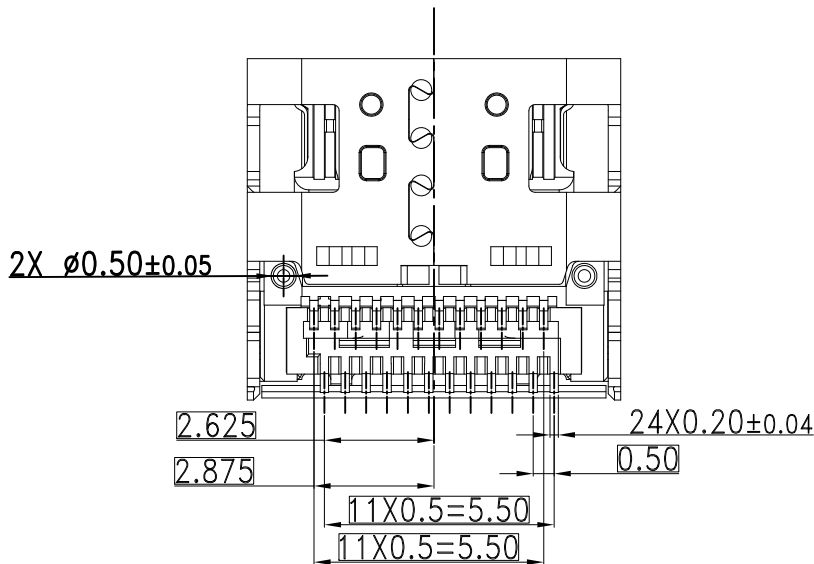
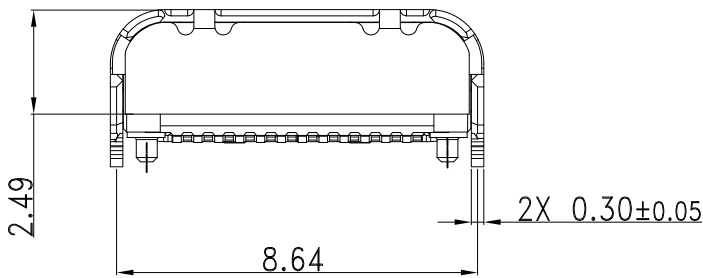
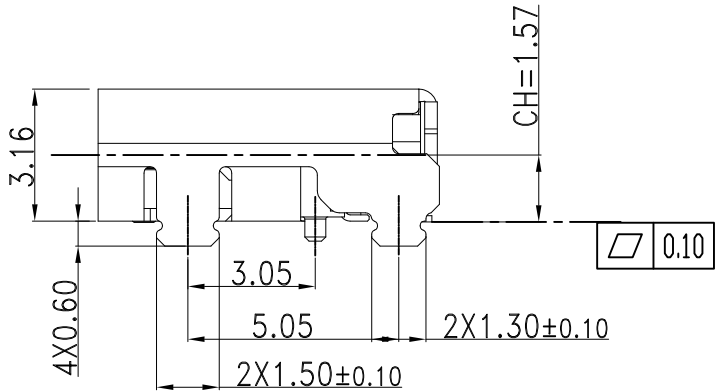
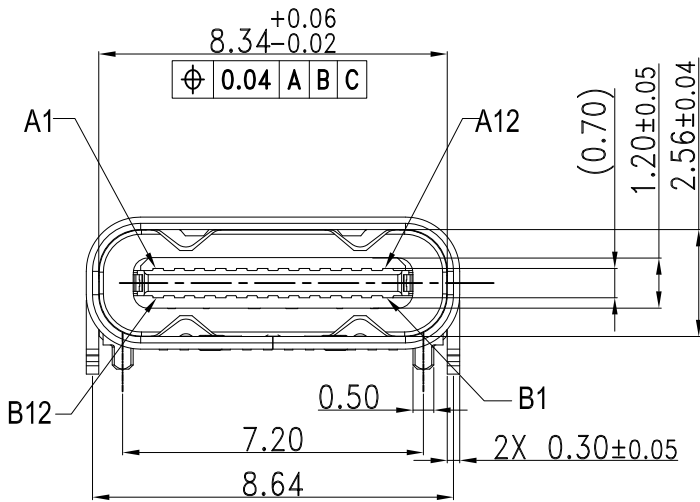
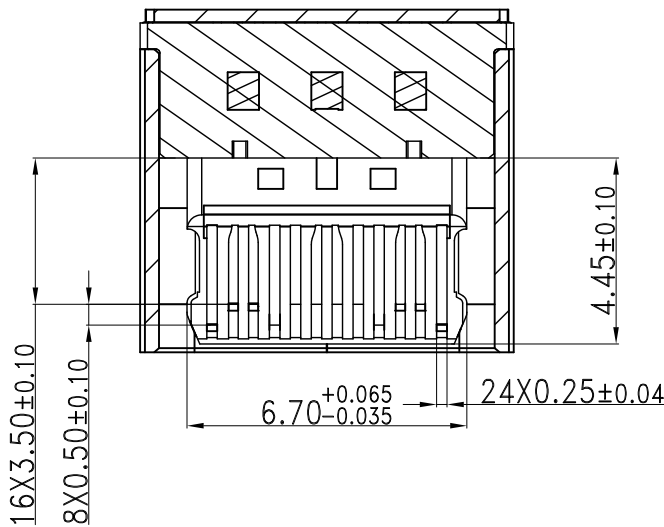
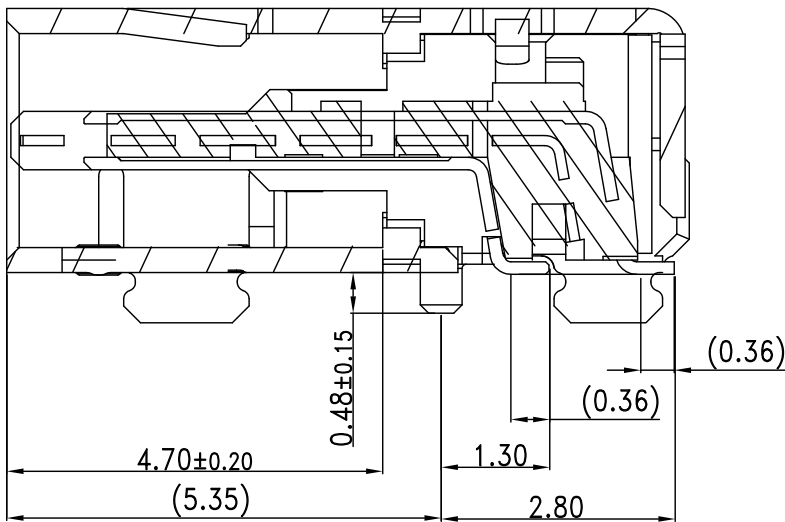
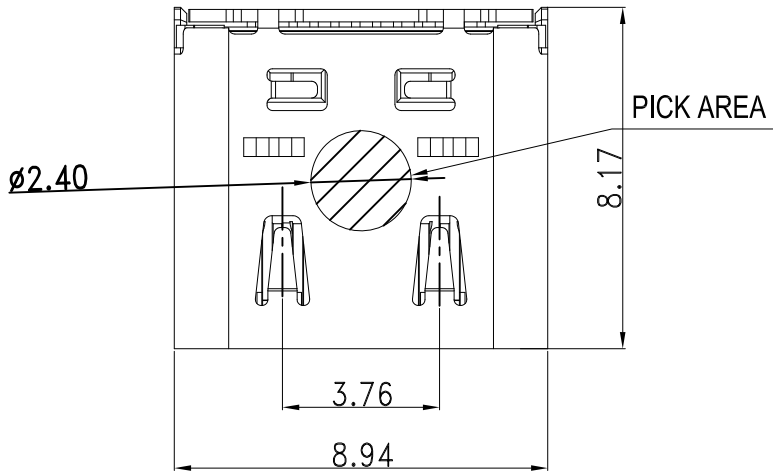


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CUSTOMER DRAWING

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



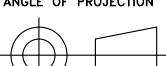
MATED CONDITION(REF.)

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		APPROVAL		DATE		Amphenol Amphenol East Asia Limited					
U.S. METRIC		DRAWN Fel.Wu		05/11/20							
		CHECKED Michael.qin		05/11/20							
		CHECKED									
.X +/- 0.50				TITLE Customer Drawing For USB4 TYPE C CONNECTOR TOP MOUNT CH=1.57mm		SIZE A3		DRAWING NO. C 12402143		REV. 4	
.XX +/- 0.20											
.XXX +/- 0.10											
FRACTIONS +/- 3°		DRAWING FILE : R:\DC\Engineering data\RD\I.程图\客户图		SCALE NONE							
ANGLES +/-											
FOR MATERIALS AND FINISHES SEE NOTES											
REMOVE SHARP EDGES		ANGLE OF PROJECTION		SHEET 1 OF 3							
DIMENSIONS											
											
(METRIC)		(MM)									

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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

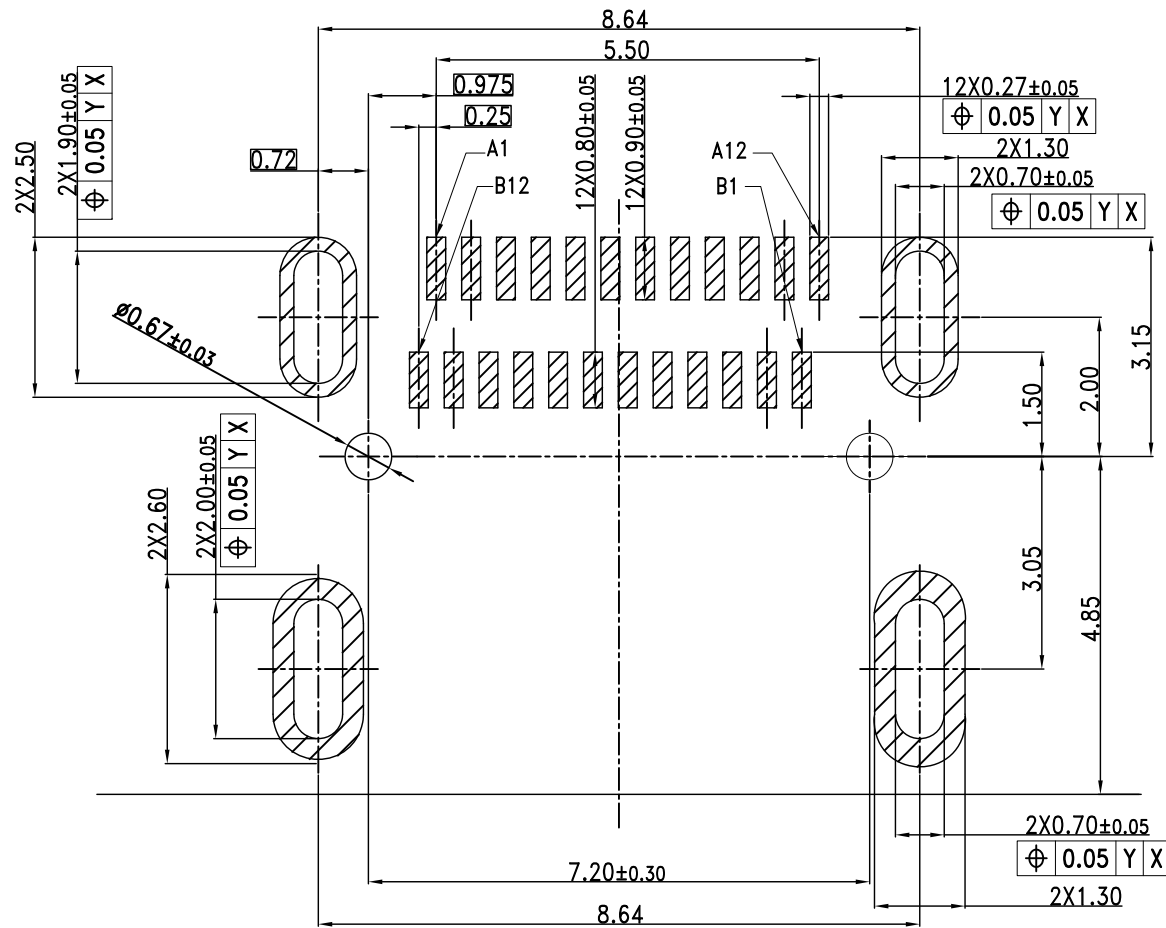
Plating Spec:

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

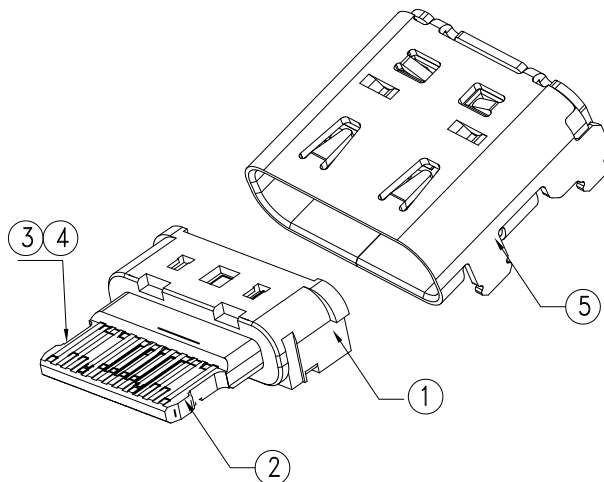


HF(无卤)	√
NOT-HF(有卤)	



Recommended PCB Layout(Top View)/推荐的PCB布局(前视图)

General Tolerances:±0.05/一般公差:±0.05



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
ITEM	DESCRIPTION	Q'TY	MATERIAL	FINISH

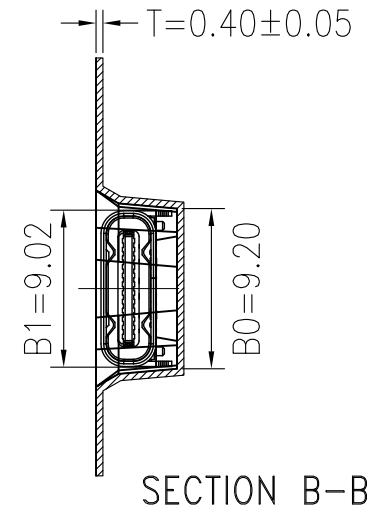
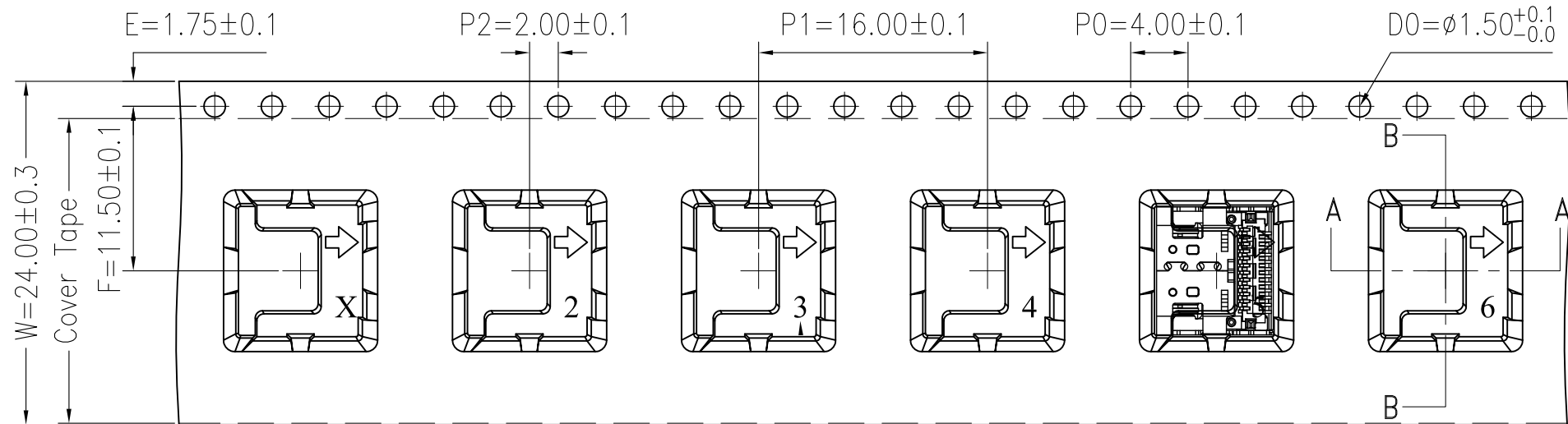
BILL OF MATERIAL

UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- 0.50 .XX +/- 0.20 .XXX +/- 0.10 FRACTIONS +/- ANGLES +/- 3°		APPROVAL	DATE	Amphenol Amphenol East Asia Limited TITLE Customer Drawing For USB4 TYPE C CONNECTOR TOP MOUNT CH=1.57mm	
		DRAWN	Fel.Wu 05/11/20		
		CHECKED	Michael.qin 05/11/20		
		CHECKED			
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		U.S. INCHES (METRIC) (MM)		SCALE	NONE
				SHEET	2 OF 3

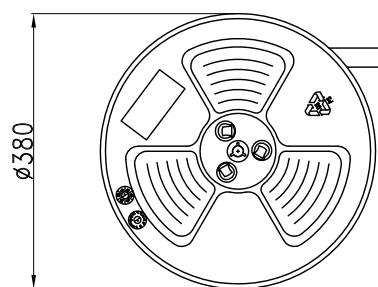
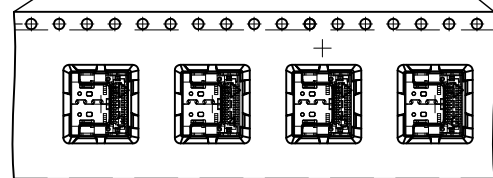
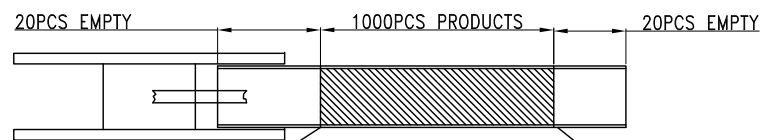
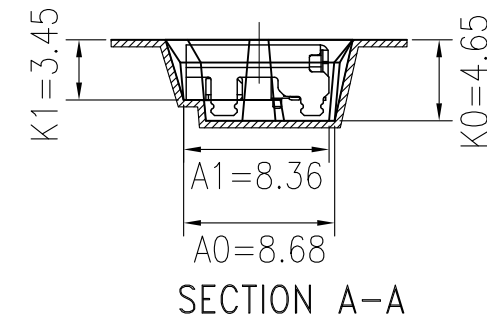
CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED



载带卷料方向



customer unwinding direction

PACK DIRECTION

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

Vacuum Bag

Desiccant x1

No.1: 1 Reel/Bag

Inside Carton

No.2: 1 Bag / Inside Carton

Outer Carton

No.3: 8 Inside Carton/Out Carton

No.4: 8000 Pcs/Out Carton



HF (无卤)	√
NOT-HF (有卤)	

UNLESS OTHERWISE SPECIFIED TOLERANCES			APPROVAL		DATE		Amphenol Amphenol East Asia Limited			
U.S.		METRIC	DRAWN	Fel.Wu	05/11/20					
			CHECKED	Michael.qin	05/11/20					
			CHECKED							
.X	+/-	0.50	DRAWING FILE : R:\DCI\Engineering data\RD\T.程图\客户图			TITLE Customer Drawing For USB4 TYPE C CONNECTOR TOP MOUNT CH=1.57mm				
.XX	+/-	0.20								
.XXX	+/-	0.10								
FRACTIONS	+/-									
ANGLES	+/-	3°								
FOR MATERIALS AND FINISHES SEE NOTES										
REMOVE SHARP EDGES			ANGLE OF PROJECTION							
DIMENSIONS						SIZE		DRAWING NO.	REV.	
U.S.		INCHES				A3		C 12402143		4
(METRIC)	(MM)					SCALE		NONE	SHEET 3 OF 3	