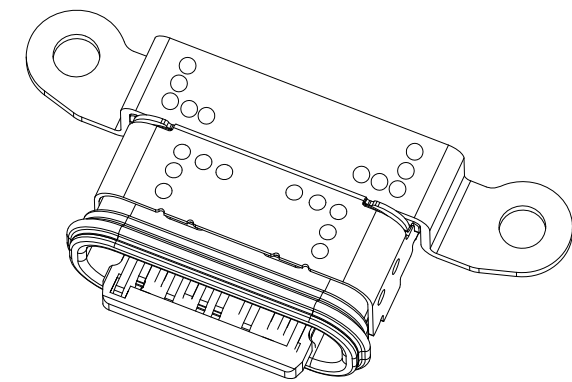
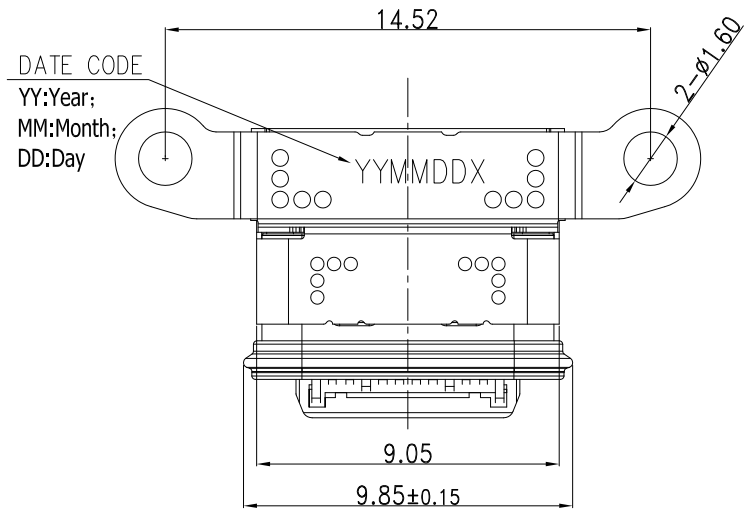


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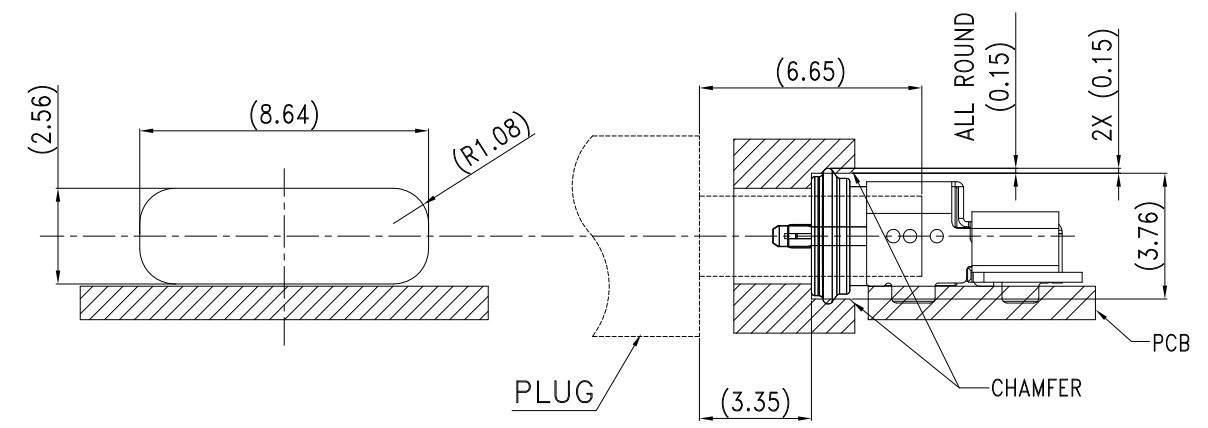
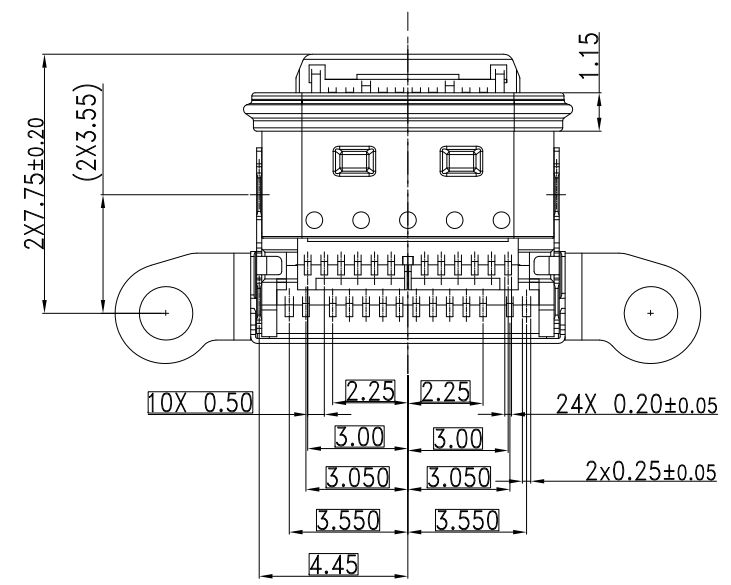
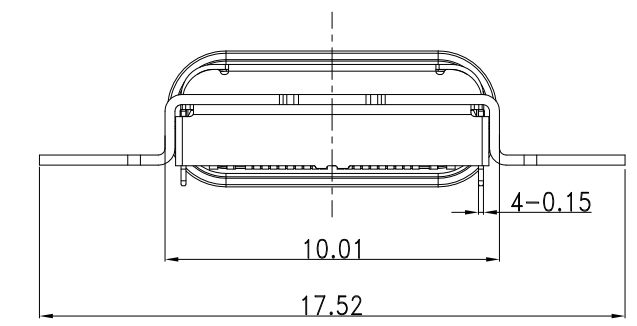
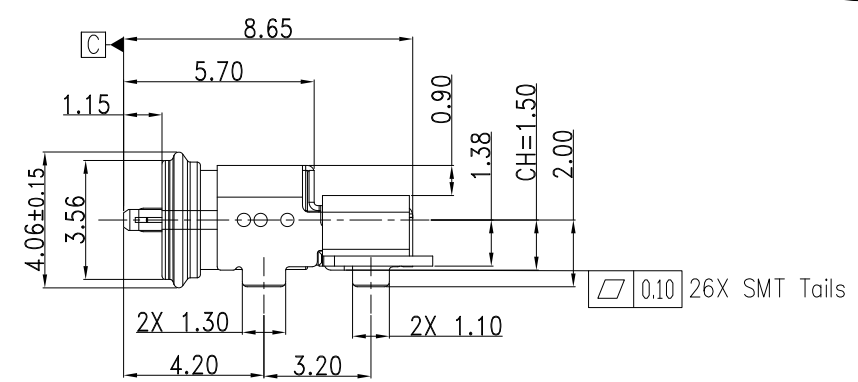
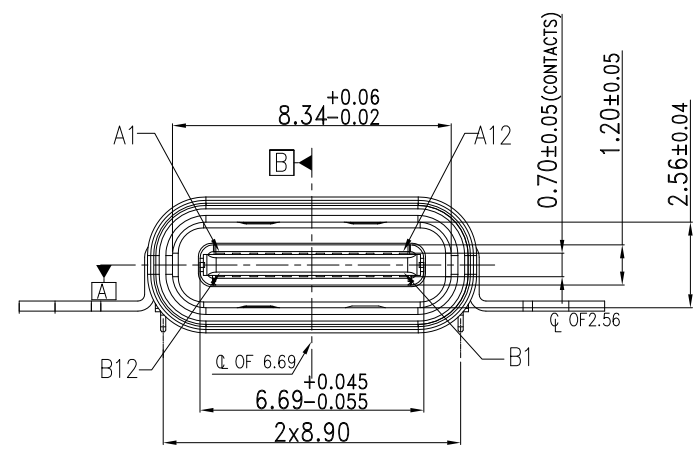
CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
1	20XXXXXX	NEW RELEASE	2020/01/09	Tom.Tang
2	HKXXXX	Update	2020/12/25	Tom.Tang
3	HKXXXX	Add welding spot	2023/03/29	Tom.Tang



Pin No	Signal Name	Mating Sequence	Pin No	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	TX1+	Second	B11	RX1+	Second
A3	TX1-	Second	B10	RX1-	Second
A4	Vbus	First	B9	Vbus	First
A5	CC1	Second	B8	SBU2	Second
A6	D+	Second	B7	D-	Second
A7	D-	Second	B6	D+	Second
A8	SBU1	Second	B5	CC2	Second
A9	Vbus	First	B4	Vbus	First
A10	RX2-	Second	B3	TX2-	Second
A11	RX2+	Second	B2	TX2+	Second
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	



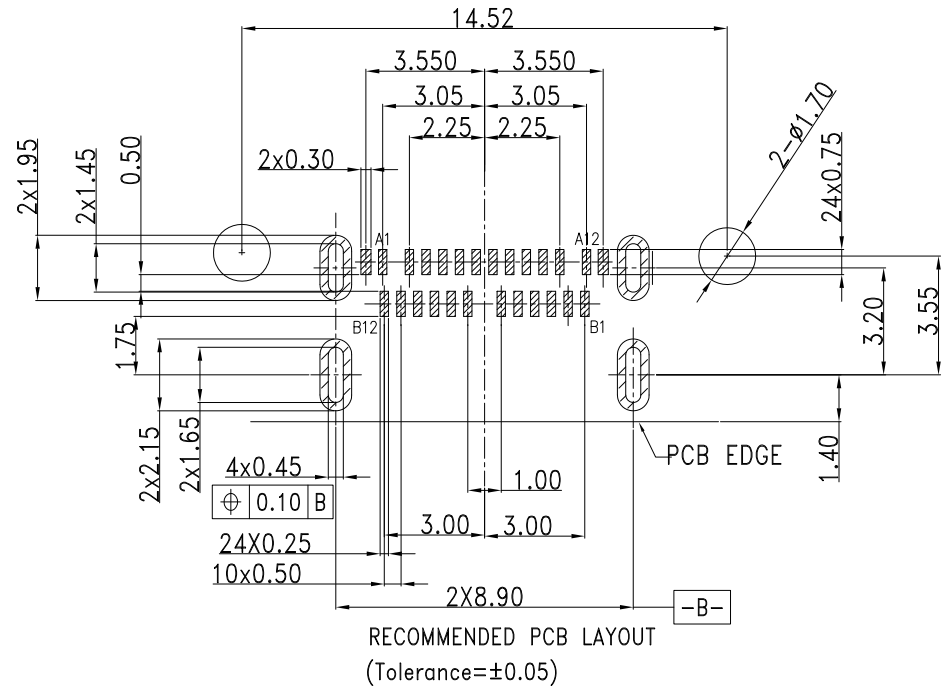
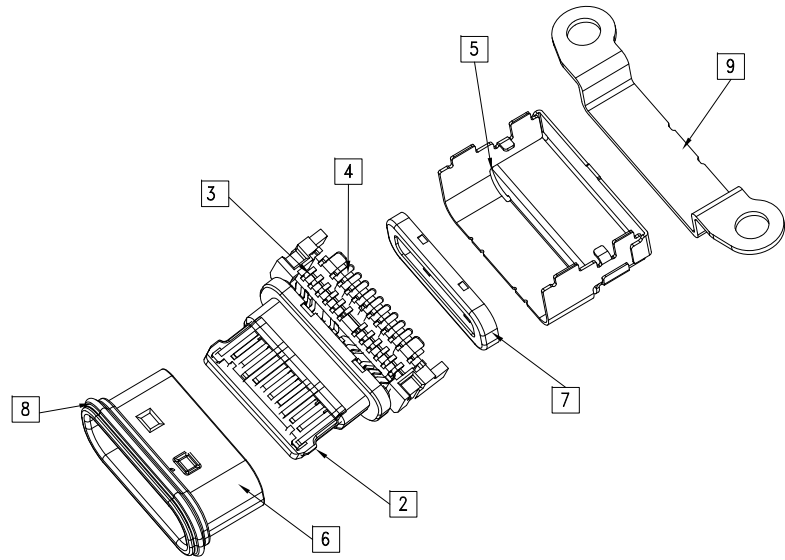
REF. PANEL DESIGN

UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- 0.50 .XX +/- 0.25 .XXX +/- 0.10 FRACTIONS +/- ANGLES +/- 3° FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES (METRIC) (MM)	APPROVAL DRAWN Alec.II CHECKED Michael.qin CHECKED	DATE 03/29/23 03/29/23	Amphenol Amphenol East Asia Limited TITLE USB 3.1 GEN1, Type C socket connector, R/A_top mount, Double SMT type, CH=1.50mm, Waterproof IPX8 SIZE DRAWING NO. REV. A3 C 12401879 3 SCALE NONE SHEET 1 OF 2
	DRAWING FILE : S:\PE Master \PLM		
	ANGLE OF PROJECTION 		
	APPROVAL DATE		

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CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
SEE PAGE1				



NOTES/注释:

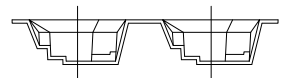
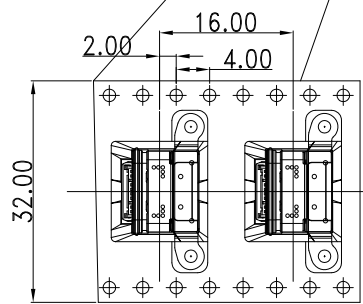
- MATERIAL/材料: SEE TABLE/见下表
- GENERAL SPECIFICATION/通用特性:
 - COPLANARITY /共面度: 0.10 Max.
 - CURRENT RATING: 5A / 额定电流: 5安培
 - CONTACT RESISTANCE: 40mΩ MAX (INITIAL).
INSULATION RESISTANCE: 100MΩ Min
接触电阻: 40毫欧最大(初始值) / 绝缘电阻: 100MΩ Min
 - DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC
耐电压: 100伏交流
 - MECHANICAL 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
- WATERPROOF CLASS IPX8/防水等级 IPX8
- 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 : 12401879XX12A

Plating Spec:

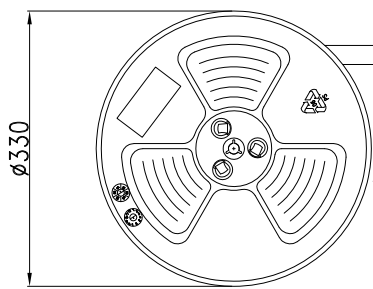
21: Mating Area: Au 30u" Min
Solder Area: Gold flash
50u"Min Nickel Under Plating Over All

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

20pcs empty 800pcs products 20pcs Empty

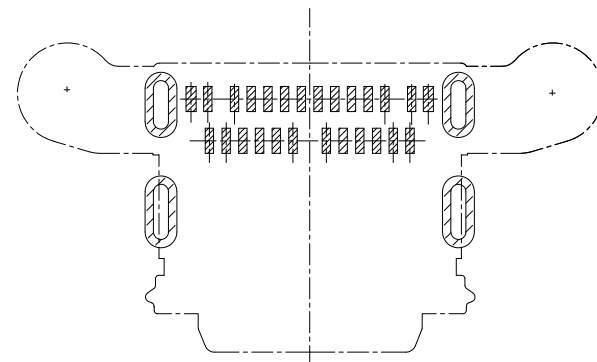


customer unwinding direction



PACK DIRECTION

Packing:
1. 800 Pcs/Reel.
2. 8 Reels/Carton.



Keep out zone
(Connector mount layer)



ITEM	DESCRIPTION	Q'TY	MATERIAL	FINISH
9	OUTER SHELL	1	STAINLESS STEEL	CLEAN
8	LIM	1	CHN-IMS-50-A/B	BLACK
7	SMALL SHELL	1	STAINLESS STEEL	CLEAN
6	MAIN SHELL	1	STAINLESS STEEL	CLEAN
5	SUB-SHELL	1	STAINLESS STEEL	Solser Nickel: 50U" MIN
4	TOP TERMINAL	1	COPPER ALLOY	SEE NOTES
3	BOTTOM TERMINAL	1	COPPER ALLOY	SEE NOTES
2	MID PLATE	1	STAINLESS STEEL	NICKEL: 50U" MIN
1	MAIN HOUSING	1	High Temperature plastic	BLACK

BILL OF MATERIAL			
UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
U.S. METRIC		DRAWN Alec.ii	03/29/23
.X +/- 0.50		CHECKED Michael.qin	03/29/23
.XX +/- 0.25		CHECKED	
.XXX +/- 0.10			
FRACTIONS +/-			
ANGLES +/- 3'			
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :	
REMOVE SHARP EDGES		S:\PE Master \PLM	
DIMENSIONS		ANGLE OF PROJECTION	
U.S. INCHES	(METRIC) (MM)		
TITLE		Amphenol	
Amphenol East Asia Limited		USB 3.1 GEN1, Type C socket connector, R/A ,top mount, Double SMT type, CH=1.50mm, Waterproof IPX8	
SIZE	DRAWING NO.	REV.	
A3	C 12401879	3	
SCALE	NONE	SHEET 2 OF 2	