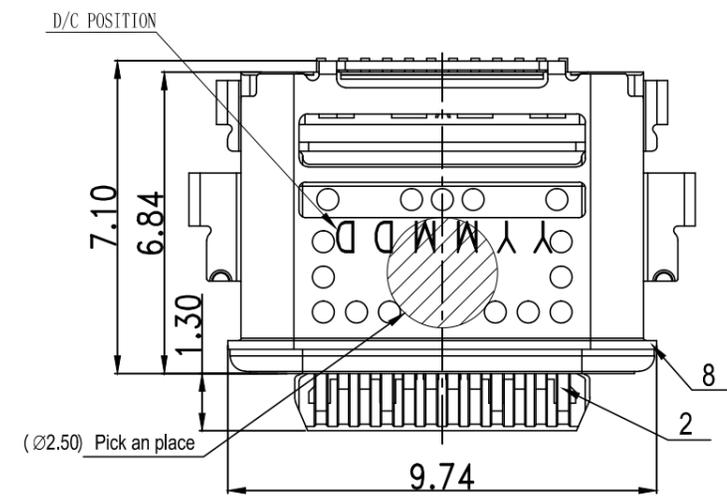


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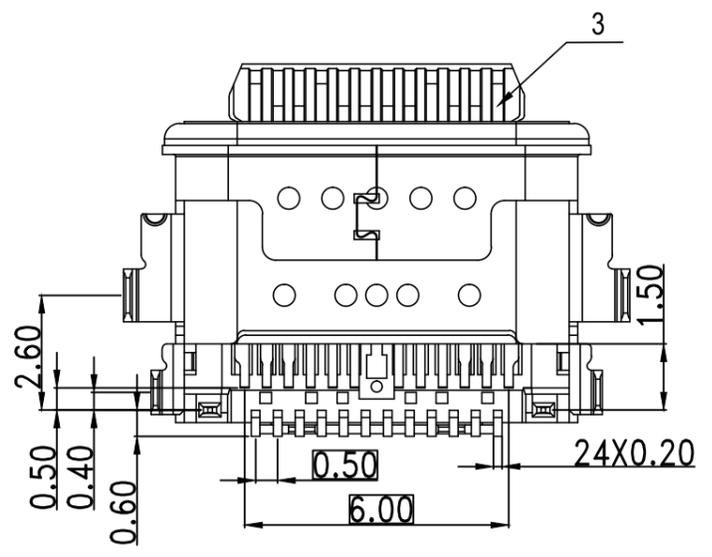
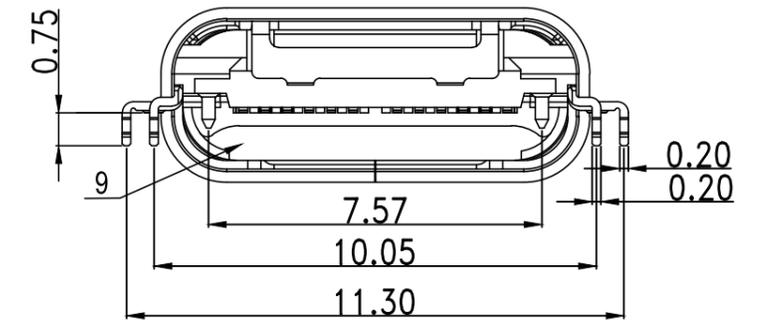
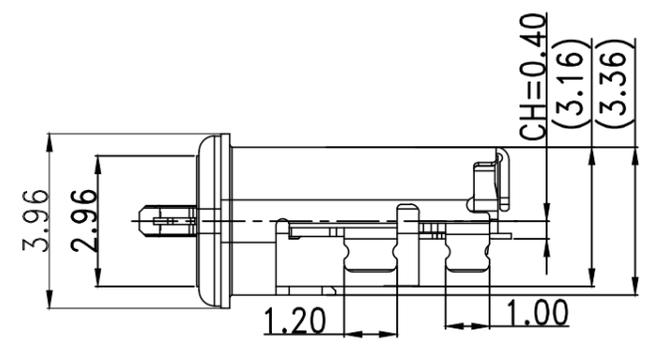
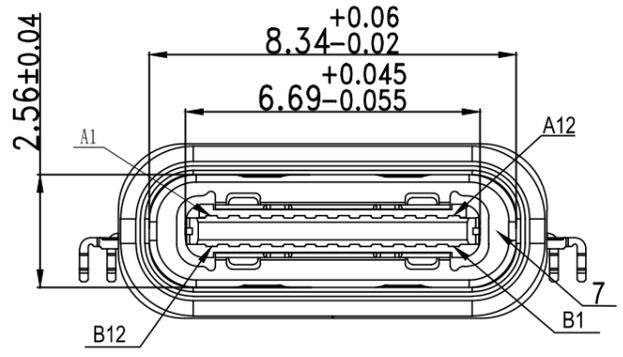
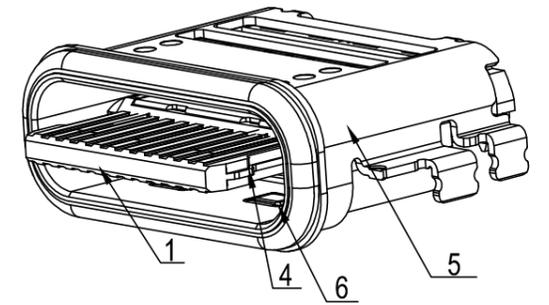
# CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
X1	HKXXXX	NEW RELEASE	2021/08/17	Michael.lip
X2	HKXXXX	Increase size	2021/11/25	Michael.Qin



### 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



HF(无卤)	√
Non-HF(有卤)	

ITEM	DESCRIPTION	Q'TY	MATERIAL
9	GLUE	1	N/A
8	OUTER GASKET	1	N/A
7	SMALL SHELL (EMC)	1	STAINLESS STEEL
6	MAIN SHELL	1	STAINLESS STEEL
5	OUTOR SHELL	1	STAINLESS STEEL
4	MID PLATE	1	STAINLESS STEEL
3	BOTTOM TERMINAL	1	COPPER ALLOY
2	TOP TERMINAL	1	COPPER ALLOY
1	MOLDING HOUSING	1	HIGH TEMPERATURE PLASTIC

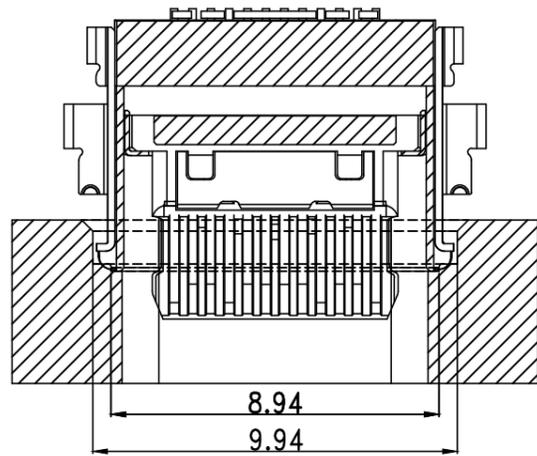
BILL OF MATERIAL

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE	<h2>Amphenol</h2> <p>Amphenol East Asia Limited</p> <p><b>Customer Drawing For</b> USB Type C socket connector, R/A ,Double SMT type, CH=0.40mm, Waterproof IP68</p>
.X	+/-	DRAWN	Huiwen.Liu 11/25/21*	
.XX	+/-	CHECKED	Michael.Qin 11/25/21*	
.XXX	+/-	CHECKED	Michael.Qin	
FRACTIONS	+/-	DRAWING FILE :		
ANGLES	+/-	ANGLE OF PROJECTION		
FOR MATERIALS AND FINISHES SEE NOTES				
REMOVE SHARP EDGES		SIZE		
DIMENSIONS		DRAWING NO.		
U.S.	INCHES	A3		
(METRIC)	(MM)	C 12402136		
		SCALE	NONE	
		SHEET 1 OF 2		

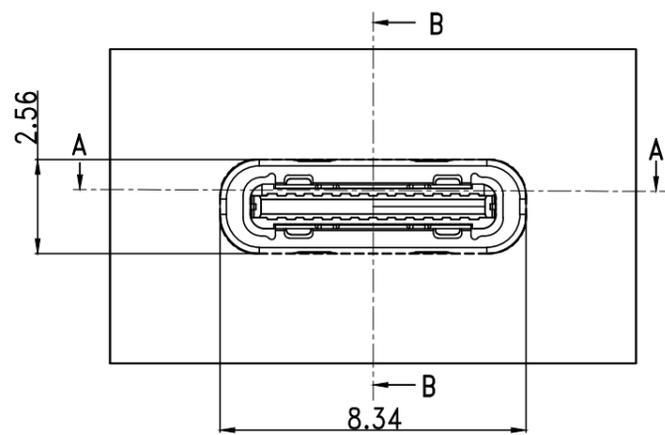
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# CUSTOMER DRAWING

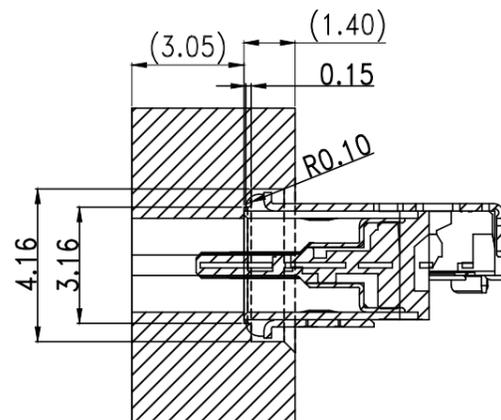
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
See page 1				



SEC A-A



Recommended Case/推荐的外壳布局  
General Tolerances: ±0.05/一般公差: ±0.05



SEC B-B

## NOTES/注释:

- MATERIAL/材料: SEE TABLE/见下表
- Waterproof class IP68 IP68/防水等级 IP68
- 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
- As for welding, there are possibilities that the number of welding and position change.  
焊接, 也有焊接数量和位置变化的可能性。
- Discoloration might occur at welded area  
焊接区域可能出现变色
- Shell length is shorter compare to reference value of USB Type-C standard.  
Please check mating depth with case(housing) to satisfy mechanical function.  
外壳长度比USB Type-C标准的参考值更短  
请检查与外壳的配合深度, 以满足机械功能
- There is possibility that the shell discolors after heating  
壳体加热后有变色的可能
- Laser welds may be discolor.also the weld may swell.  
激光焊接可能会变色。焊缝也可能膨胀。

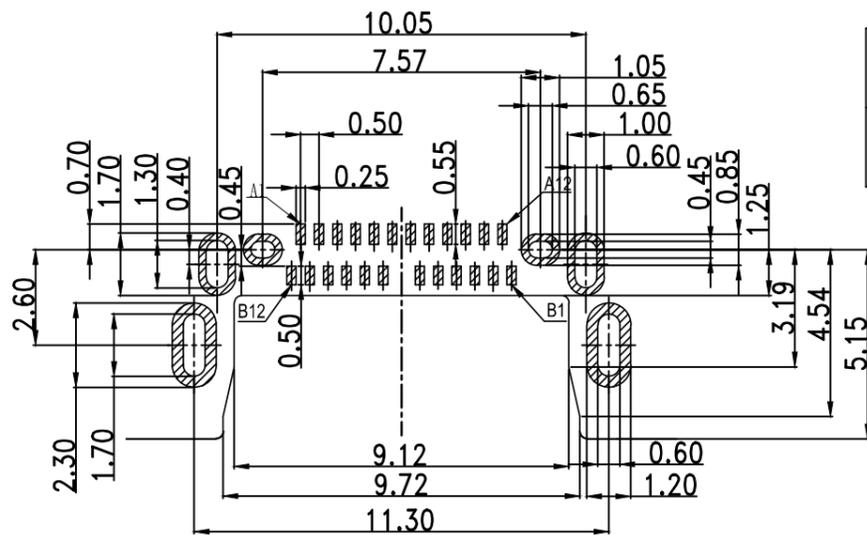
## 10.ORDER P/N SYSTEM/产品料号编码系统 : 12402136E512A

Plating Spec:

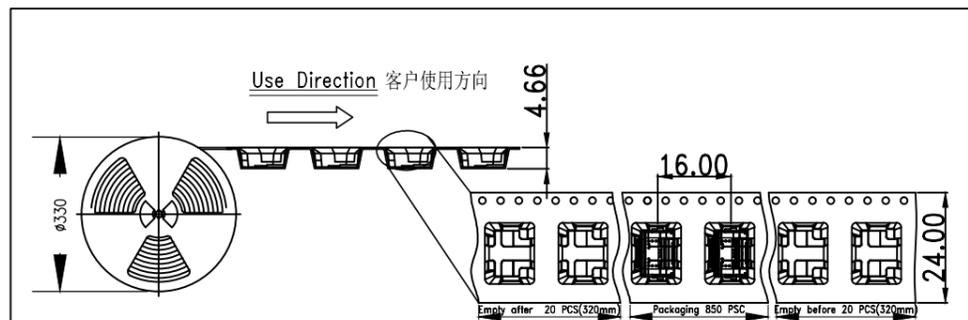
E5: Mating Area: Au 30u"(0.76um) Min  
Solder Area: Gold flash  
50u"(1.27um)Min Nickel Under Plating Over All

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

HF(无卤)	√
Non-HF(有卤)	



RECOMMENDED PCB LAYOUT  
(Tolerance=±0.05)



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE	Amphenol
	U.S. METRIC	DRAWN	Huiwen.Liu 11/25/21*	
.X	+/- 0.50	CHECKED	Michael.Qin 11/25/21*	Amphenol East Asia Limited
.XX	+/- 0.25	CHECKED	Michael.Qin	
.XXX	+/- 0.10	DRAWING FILE :		TITLE
FRACTIONS +/-	3'			Customer Drawing For
ANGLES +/-				USB Type C socket connector,
FOR MATERIALS AND FINISHES SEE NOTES				R/A ,Double SMT type,
REMOVE SHARP EDGES				CH=0.40mm, Waterproof IP68
DIMENSIONS				SIZE
U.S.	INCHES	ANGLE OF PROJECTION		DRAWING NO.
(METRIC)	(MM)			C 12402136
				SCALE
				NONE
				SHEET 2 OF 2
				REV.
				X2