

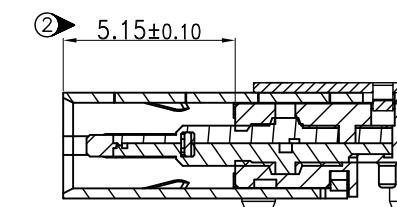
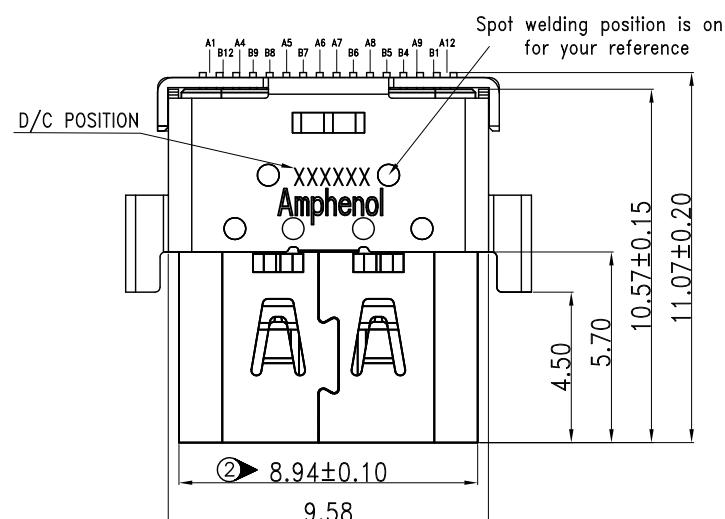
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HF

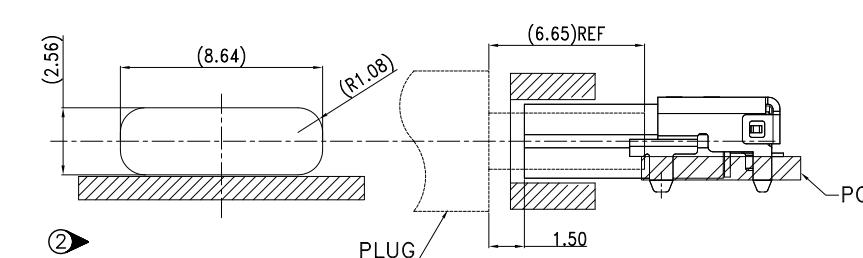
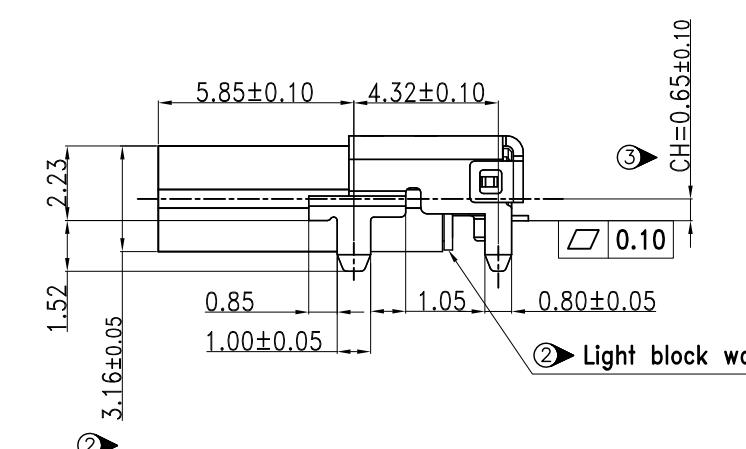
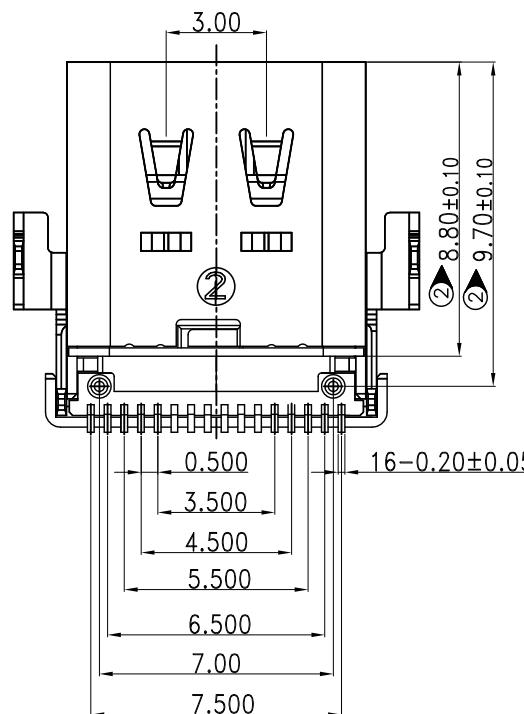
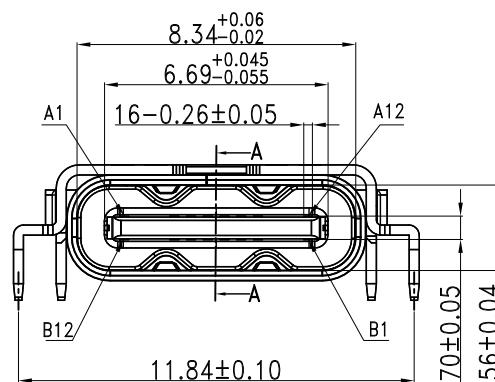
halogen free

CUSTOMER DRAWING

REVISIONS			DATE	APPROVED
SYM	ECN	DESCRIPTION		
1	20200001	NEW RELEASE	2020/01/07	Tom.Tang
2	20200004	Increase Dimensional Tolerance	2020/04/17	Michael.IP
3	20200007	Increase Dimensional Tolerance	2020/07/31	Michael.IP



SECTION A-A



UNLESS OTHERWISE SPECIFIED
TOLERANCES
U.S. METRIC
X +/− 0.50
XX +/− 0.15
XXX +/− 0.10
FRACTIONS +/−
ANGLES +/−
3°
FOR MATERIALS AND FINISHES
SEE NOTES
REMOVE SHARP EDGES
DIMENSIONS
U.S. INCHES
(METRIC) (MM)

APPROVAL DATE
DRAWN Fei.Wu 01/07/20
CHECKED Michael.IP 01/07/20
CHECKED
DRAWING FILE :
R:DC\Engineering\data\RD\工程图客户图

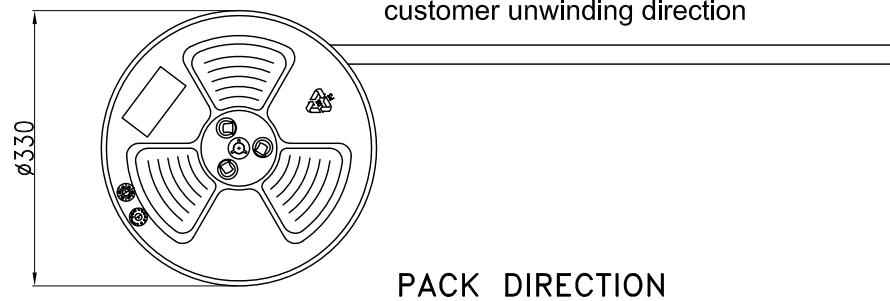
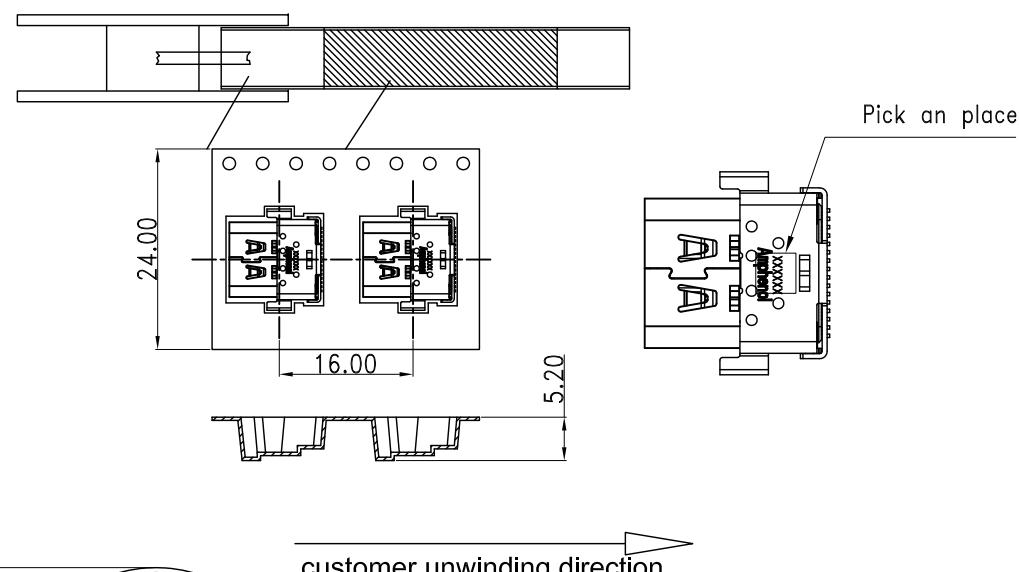
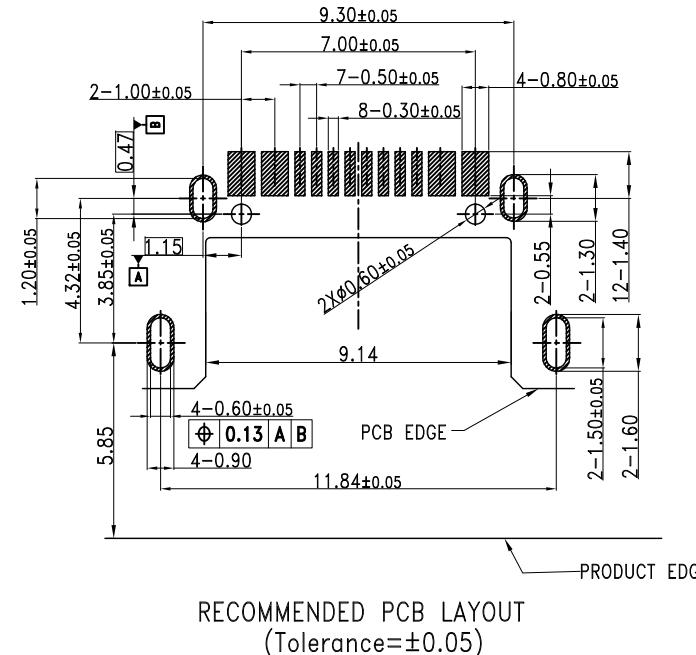
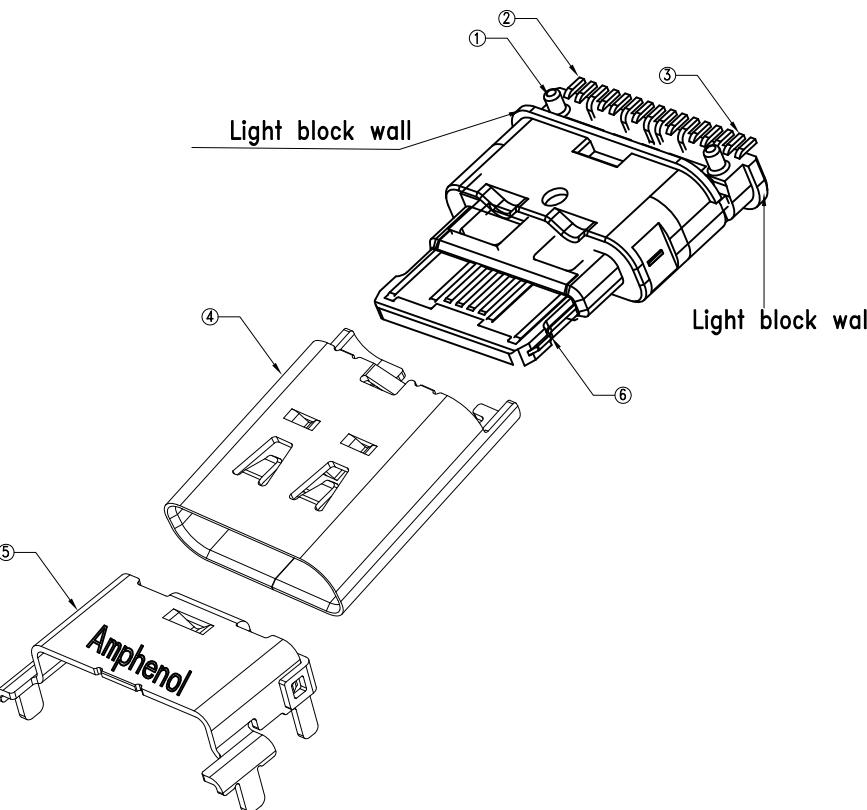
Amphenol
Amphenol East Asia Limited
TITLE USB 2.0, Type C connector, R/A ,
Middle mount, Single SMT type, CH=0.65mm
SIZE DRAWING NO. REV.
A3 C 12401948 3
SCALE NONE SHEET 1 OF 2

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CUSTOMER DRAWING



NOTES/注释:

1. MATERIAL/材料: SEE TABLE/见下表
2. GENERAL SPECIFICATION/通用特性:
 - 2.1 COPLANARITY /共面度: 0.10 Max.
 - 2.2 CURRENT RATING: 5A / 额定电流: 5安培
 - 2.3 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
 - 2.4 DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC
耐电压: 100伏交流
 - 2.5 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
 - 2.6 DURABILITY: 10000 CYCLES / 耐久性: 10000次
 - 2.7 PACKAGING TYPE: CARRIER TAPE./ 包装类型: 载带包装
3. DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5M 1994.
尺寸标注基于ASME Y14.5M 1994标准规范
4. 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
5. ORDER P/N SYSTEM/产品料号编码系统 : 12401948XX12A

Plating Spec:	
E2: Mating Area:	Gold flash
Solder Area:	100u" Min Matte Tin 50u"Min Nickel Under Plating Over All
E3: Mating Area:	Au 15u" Min
Solder Area:	100u" Min Matte Tin 50u"Min Nickel Under Plating Over All
E4: Mating Area:	Au 30u" Min
Solder Area:	100u" Min Matte Tin 50u"Min Nickel Under Plating Over All
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

ITEM	DESCRIPTION	Q'TY	MATERIAL
BILL OF MATERIAL			
7	EMC	2	STAINLESS STEEL
6	MID PLATE	1	STAINLESS STEEL
5	OUT SHELL	1	STAINLESS STEEL
4	MAIN SHELL	1	STAINLESS STEEL
3	BOTTOM TERMINAL	1	COPPER ALLOY
2	TOP TERMINAL	1	COPPER ALLOY
1	MOLDING HOUSING	1	HIGH TEMPERATURE PLASTIC

UNLESS OTHERWISE SPECIFIED TOLERANCES	APPROVAL	DATE
U.S. METRIC		
X +/− 0.50		
XX +/− 0.15		
XXX +/− 0.10		
FRACTIONS +/−		
ANGLES +/−		
3°		
DRAWING FILE : RoHS/Engineering data/RD/工程图		
ANGLE OF PROJECTION		
U.S.	INCHES	
(METRIC)	(MM)	

Amphenol
Amphenol East Asia Limited
TITLE: USB 2.0, Type C connector, R/A ,
Middle mount, Single SMT type, CH=0.65mm
SIZE DRAWING NO. A3 C 12401948 REV. 3
SCALE NONE SHEET 2 OF 2

