

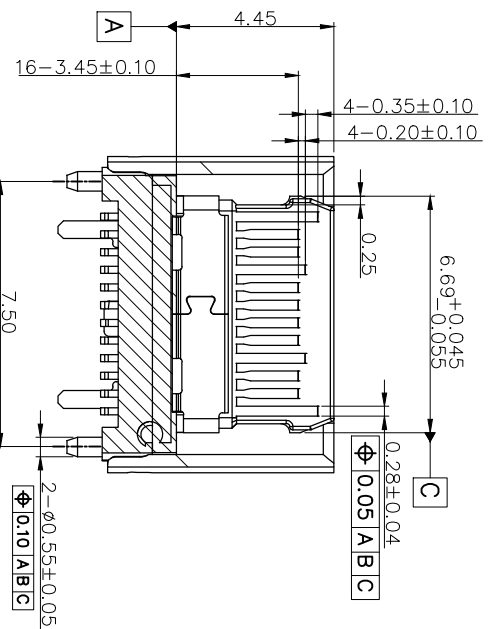
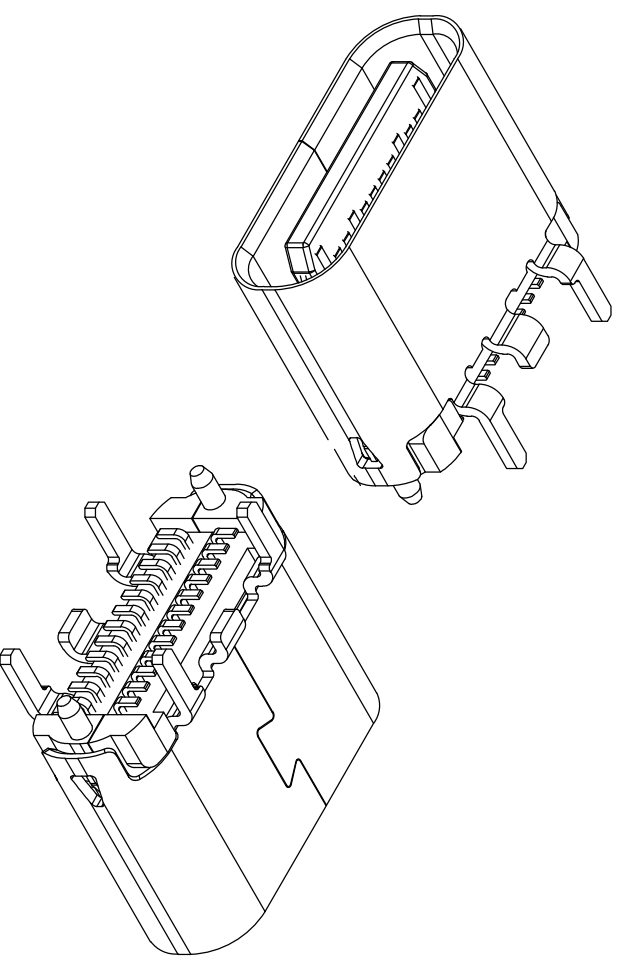
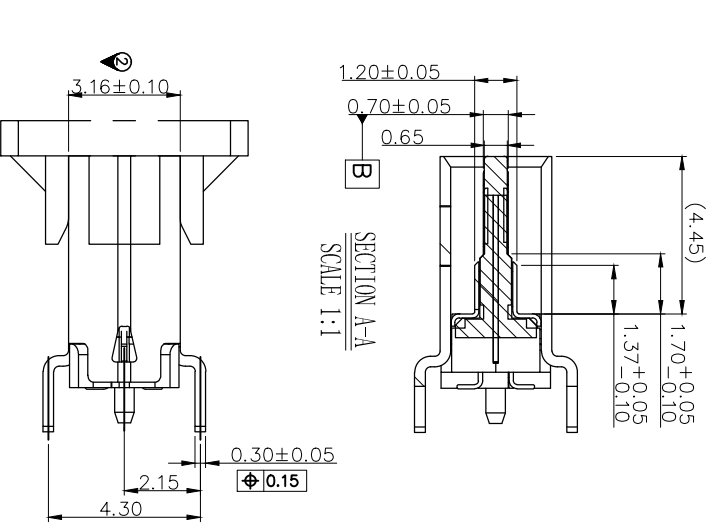


**THE DATASHEET OF  
12402032E202A**



# CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1		FIRST RELEASE	2020.01.17	Michael Ip
2		Add dimensional tolerance	2020.10.29	Michael Ip
3		Add Paking Drawing	2020.11.02	Michael Ip



Pin:

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+	CC1	Vbus	TX2-	TX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

UNLESS OTHERWISE SPECIFIED		APPROVAL		DATE		TITLE	
TOLERANCES		DRAWN		11/02/20		Amphenol Customer Drawing For	
U.S.		Allen, Ltd		11/02/20		Amphenol East Asia Limited	
METRIC		CHECKED		Michael, Qin		USB 3.1 GEN1, Type C connector, vertical	
0.50		MICHAEL, QIN				Double SMT type, L=6.50mm	
0.25		DRAWING FILE :				SIZE DRAWING NO.	
0.10		Michael, Qin				C 12402032	
3°		ANGLE OF PROJECTION				SCALE	
FOR MATERIALS AND FINISHES		REMOVE SHARP EDGES				NONE	
SEE NOTES		DIMENSIONS				SHEET 1 OF 3	
U.S.		INCHES				REV.	
(METRIC)		(MM)				3	

3

2

1

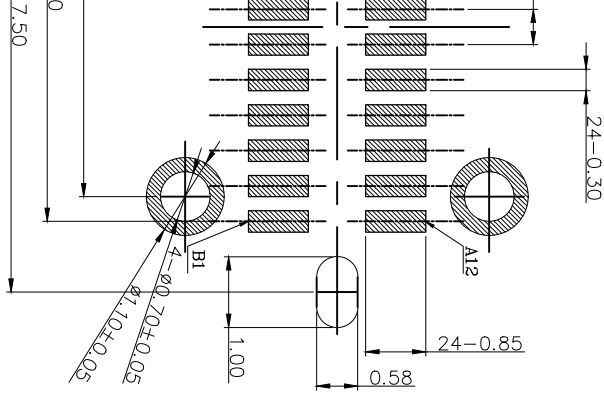
# CUSTOMER DRAWING

SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE PAGE 1		

REVISIONS		DATE	APPROVED
1			

**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 FILLED 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 : 12402032XXXX2A  
 Plating Spec: \_\_\_\_\_  
 E2: Mating Area: Gold flash  
 Solder Area: 100u" Min Matte Tin  
 50u" Min Nickel Under Plating Over All  
 A:HF  
 Package Spec.  
 2:Reel  
 Date Code Description  
 0:Without D/C



B. LAYOUT (T:1.00mm)  
SPECIFIED ±0.05mm  
: 2:1

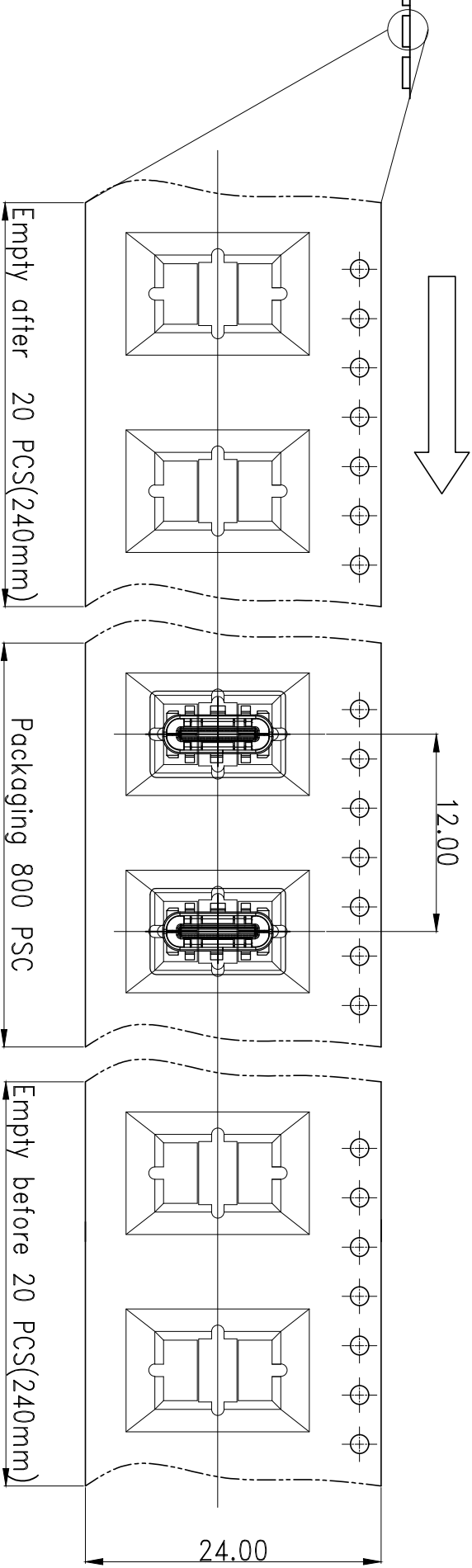
ITEM	DESCRIPTION	QTY	MATERIAL	FINISH
5	TERMINAL	24	Copper alloy	CONTACT:GOLD FLASH ; SOLDER TAIL:100u" MATTE TIN MIN.
4	SHELL	1	Stainless steel	SOLDER NICKEL: 50u" MIN
3	MID PLATE	1	Stainless steel	SOLDER NICKEL: 50u" MIN
2	EMC	2	Stainless steel	SOLDER NICKEL: 50u" MIN
1	MAIN HOUSING	1	Nylon	BLACK

**BILL OF MATERIAL**

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE	
U.S.	METRIC	DRAWN	Allen.Lai	11/02/20	<p style="text-align: center; font-size: 1.2em;"><b>Amphenol</b></p> <p style="text-align: center;">Amphenol East Asia Limited</p> <p style="text-align: center;">Customer Drawing For</p> <p style="text-align: center;">USB 3.1 GEN1, Type C connector, vertical</p> <p style="text-align: center;">Double SMT type, L=6.50mm</p>
X XX XXX	+/- +/- +/-	CHECKED	Michael Qin	11/02/20	
FRACTIONS +/-		DRAWING FILE :		Michael Qin	
ANGLES +/-		REMOVE SHARP EDGES			
FOR MATERIALS AND FINISHES		SEE NOTES			
DIMENSIONS		ANGLE OF PROJECTION			
U.S.	INCHES				
(METRIC)	(MM)				

CUSTOMER DRAWING

Use Direction



REVISIONS			
SYM	ECN	DESCRIPTION	DATE
		SEE PAGE 1	
APPROVED	DATE	DESCRIPTION	ECN

PACKING CAPACITY			
PCS/REEL	REEL/CARTON	PCS/CARTON	
800	8	6400	

UNLESS OTHERWISE SPECIFIED		APPROVAL		DATE	
TOLERANCES		DRAWN	Allen.Lai	11/02/20	
U.S.	METRIC	CHECKED	Michael Qin	11/02/20	
X	+/-	DRAWING FILE : Mjhsheal.qin			
XX	+/-	TITLE Customer Drawing For			
XXX	+/-	USB 3.1 GEN1, Type C connector, vertical			
FRACTIONS +/ -	3'	Double SMT type, L=6.50mm			
ANGLES +/ -		REMOVE SHARP EDGES			
FOR MATERIALS AND FINISHES SEE NOTES					
DIMENSIONS					
U.S.	INCHES	ANGLE OF PROJECTION			
(METRIC)	(MM)				

Reel  
 rproof plastic bag  
 rd Plate  
 on

## Looking for pricing, stock, or lifecycle information?

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[Amphenol Information](#)

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- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management