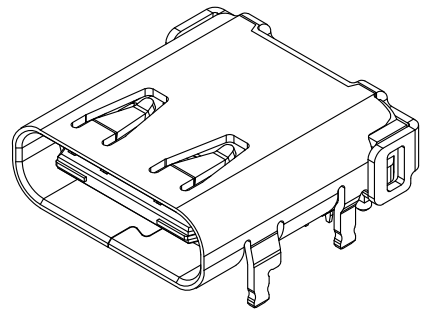
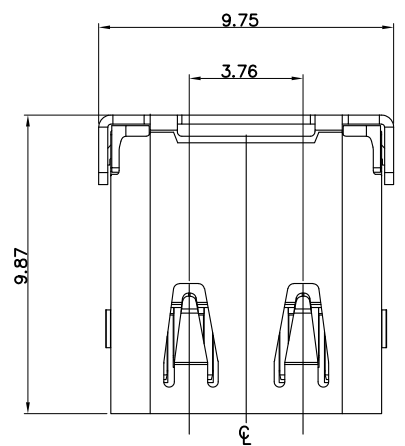


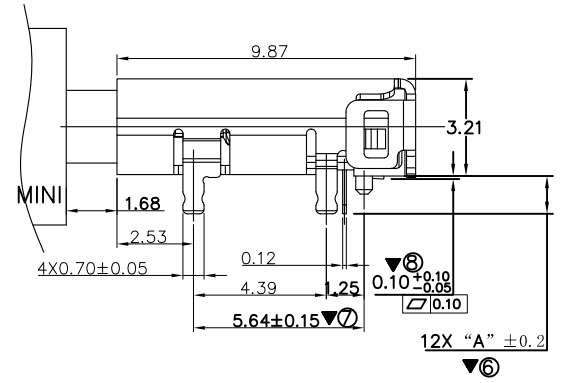
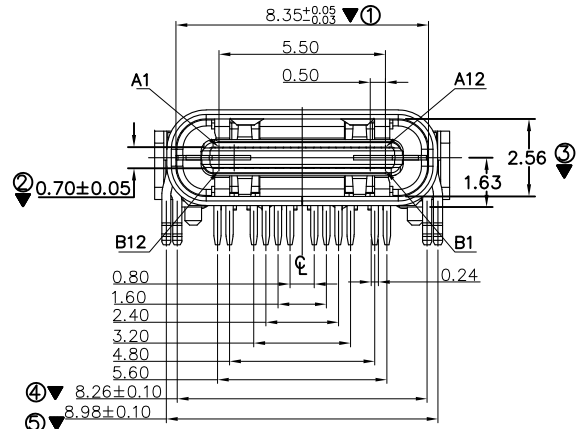
PART NO. CA-H517340-X-X

REVISIONS				
LTR	DESCRIPTION	DATE	APPROVED	
A	INITIAL RELEASE SEE DO H6774	Venn	11/11/15'	Ray
B	CHANGE SEE DO H6779	Venn	11/13/15'	Ray
C	CANCEL COMPONENT NUMBER SEE DO H6787	Venn	11/18/15'	Ray
D	Modify the wrong size see do h6792	Venn	11/23/15'	Ray
E	ADD PCB DIM AND CHANGE RoHS SEE DO H7343	James	11/18/16'	Ray
F	UPDATE PIN ASSIGNMENTS SEE DO H8280	James	10/21/19'	Ray



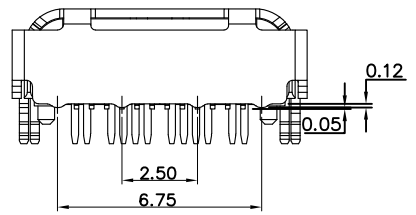
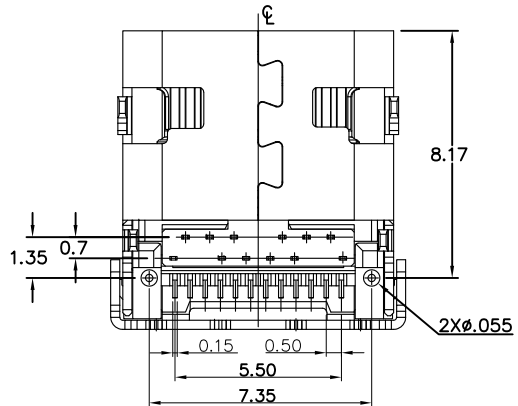
NOTE:

- MATERIAL:
  - INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0;
  - CONTACT: COPPER ALLOY
  - SHELL: STAINLESS STEEL
- ELECTRICAL CHARACTERISTICS:
  - CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 30mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
  - CONTACT CURRENT RATING: 5A FOR VBUS PIN; 1.25A FOR VCONN PIN.
  - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
  - INSULATION RESISTANCE 100MΩ Min
  - OPERATING TEMPERATURE: -40°C ~ 85°C
- MECHANICAL CHARACTERISTICS:
  - MATING FORCE: 5~20 N.
  - UNMATED FORCE: 8~20N AFTER TEST
  - DURABILITY: 10,000 CYCLES
- PLATING
  - TERMINAL CONTACT: (SEE ORDERING NOMENCLATURE) GOLD PLATING ALL OVER  
50u" Min NICKEL AND 80u"Min Tin ALL OVER 50u" Min NICKEL ON SOLDER AREA
  - SHELL: 50u" Min. NICKEL ALL OVER,
- MARK '▼' DIMENSION MUST CONTROL, MARK '⊗' IS DIM No.
- MEETS THE REQUIREMENTS OF THE EUROPEAN PARLIAMENT AND THE RESTRICTION OF THE USE OF CERTAIN HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT. (ROHS)



ORDERING NOMENCLATURE :  
**CA-H517340-X-X**

PLATING:  
A=GOLD FLASH  
C=15U" Au  
F=30U" Au  
TAIL LENGTH"A":  
BLANK=1.25mm  
1=1.80mm



DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE
DECIMALS	ANGLES	DRAWN	Venn	11/11/15'
.X ±.25	X° ±1°	CHECKED	James	11/11/15'
.XX ±.15	.X° ±0.5°	APPROVED	Ray	11/11/15'
.XXX ±.05	.XX° ±0.02°	THE INFORMATION AND DESIGN DISCLOSED HEREIN WAS ORIGINATED BY AND IS THE PROPERTY OF CIRCUIT ASSEMBLY CORPORATION. CIRCUIT ASSEMBLY CORPORATION RESERVES ALL PATENT, PROPRIETARY, DESIGN, MANUFACTURING, REPRODUCTION, USE AND SALES RIGHTS THEREFO, AND TO ANY ARTICLE DISCLOSED HEREIN EXCEPT TO THE EXTENT RIGHTS ARE EXPRESSLY GRANTED TO OTHERS. THE FOREGOING DOES NOT APPLY TO VENDOR PROPRIETARY RIGHTS.		
DIMENSIONS IN BRACKETS [X.XX] ARE IN INCHES TOLERANCES ARE:		DO NOT SCALE DRAWING		
DECIMALS	ANGLES			

CA	CIRCUIT ASSEMBLY SHENZHEN			
	AO XING ROAD, AOBEI 2ND VILLAGE, HENGGANG TOWN			
<b>USB 3.1 C TYPE R/A SMT DIP</b>				
SIZE	CODE IDENT NO.	DRAWING NO.	REV.	
C	52072	<b>H517340</b>	<b>F</b>	
SCALE: 1:1			SHEET 1 OF 2	

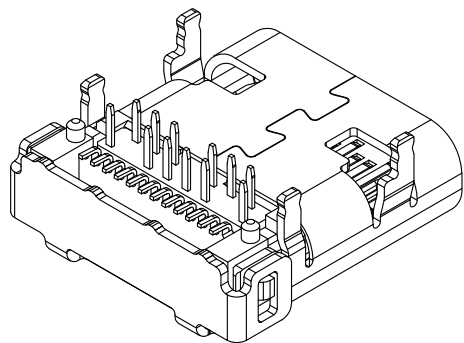
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3

2

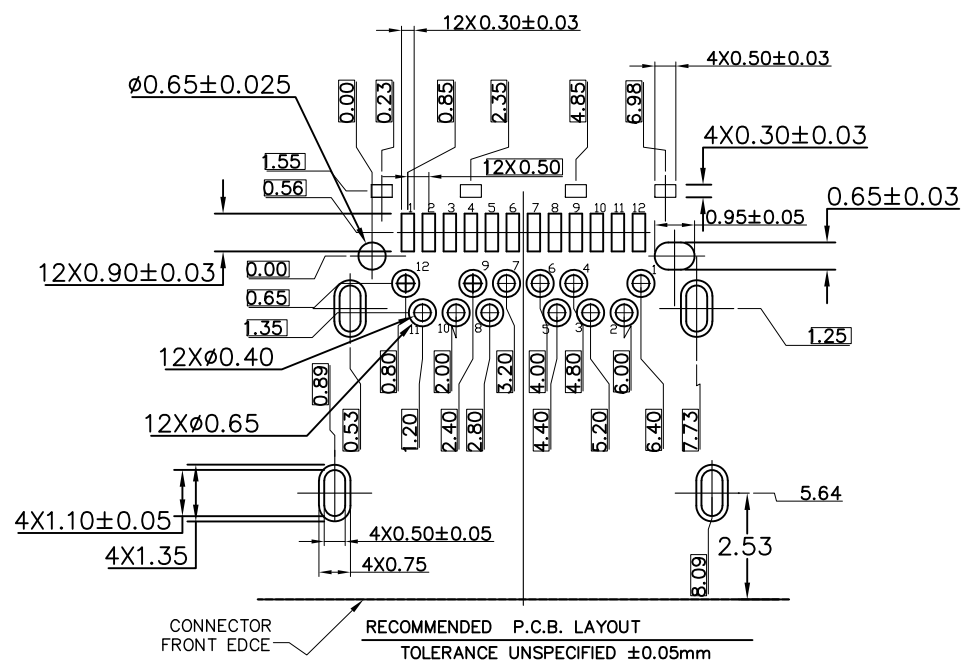
1

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
SEE PAGE 1			



### USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTXp1	Positive half of first SuperSpeed TX differential pair	B11	SSRXp1	Positive half of first SuperSpeed RX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Negative half of first SuperSpeed RX differential pair
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use (SBU)	B5	CC2	Configuration Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSTXn2	Negative half of second SuperSpeed TX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSTXp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return



DIMENSIONS ARE IN MILLIMETERS  
TOLERANCES ARE:  
DECIMALS ANGLES  
.X ±.25 X° ±1°  
.XX ±.15 X° ±0.5°  
.XXX ±.05 XX° ±0.02°

APPROVALS DATE  
DRAWN Venn 11/11/15  
CHECKED James 11/11/15  
APPROVED Ray 11/11/15

DIMENSIONS IN BRACKETS [X.XX]  
ARE IN INCHES TOLERANCES ARE:  
DECIMALS ANGLES  
DO NOT SCALE DRAWING

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**CA** CIRCUIT ASSEMBLY SHENZHEN  
AO XING ROAD, AOBELI 2ND VILLAGE, HENGANG TOWN

### USB 3.1 C TYPE R/A SMT DIP

SIZE	CODE IDENT NO.	DRAWING NO.	REV.
C	52072	<b>H517340</b>	<b>F</b>
SCALE: 1:1		SHEET 2 OF 2	