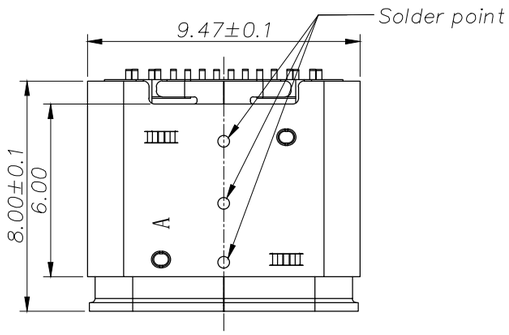
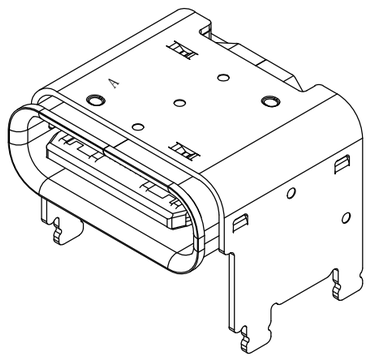
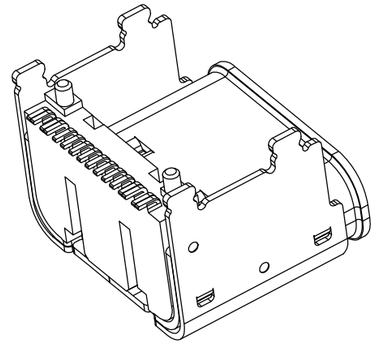
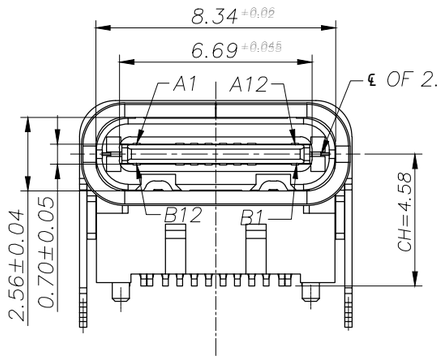
标 记 MARK	ECN编号/变更内容 ECN NO/DEFINITION	修 改 REVISE	日 期 DATE	核 准 APPROVE

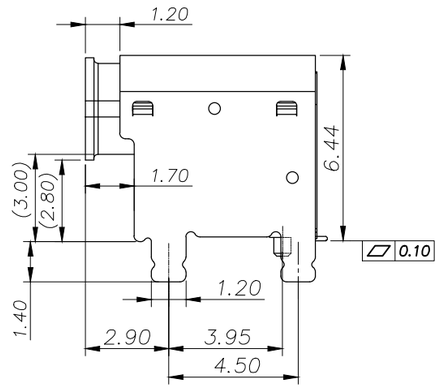
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

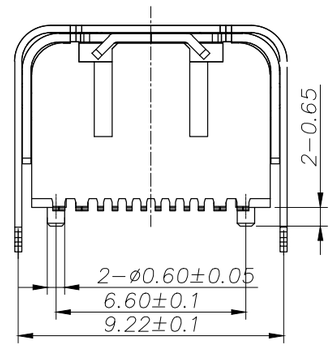


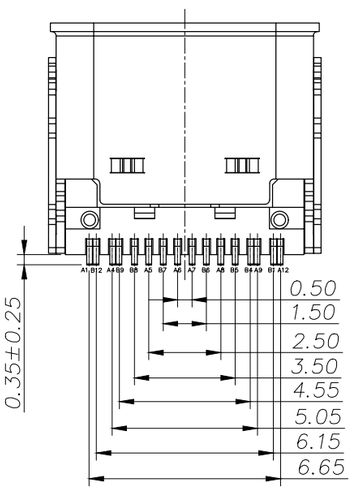


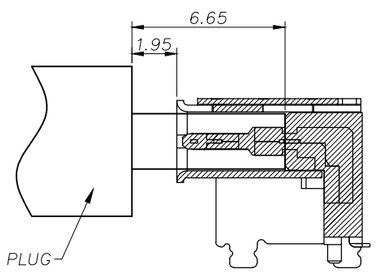




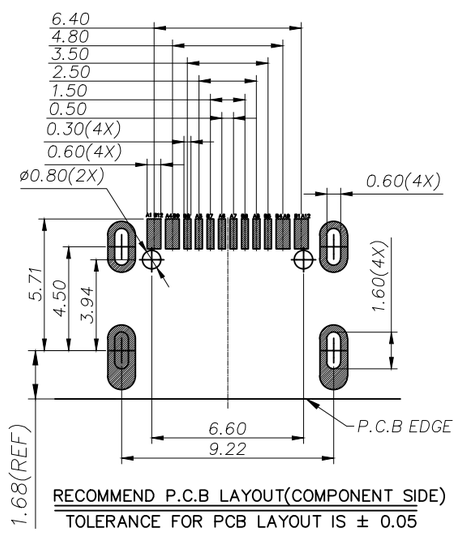








AFTER MATING
SCALE 1:1



RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05

NOTE:
1. MATERIAL SPECIFICATION:
   1. HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC
   2. CONTACTS: COPPER ALLOY
   3. MID PLATE: STAINLESS STEEL
   4. INSIDE SHELL: STAINLESS STEEL
   5. OUTSIDE SHELL: STAINLESS STEEL
2. PLATING SPECIFICATION:
   2-1. CONTACTS:
   Ni 50u" MIN. UNDER PLATED OVER ALL.
   Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
   (GOLD PLATING THICKNESS FOLLOW THE P/N)
   GOLD FLASH PLATING ON SOLDER AREA
   2-2. INSIDE SHELL OR OUTSIDE SHELL:
   Ni 30u" MIN. UNDER PLATED OVER ALL.
3. MECHANICAL PERFORMANCE,
   3-1. INSERTION FORCE: 0.5~2.0kgf.
   3-2. REMOVAL FORCE: 0.8kgf~2.0kgf.
   3-3. DURABILITY: 10000 CYCLES.
4. ELECTRICAL PERFORMANCE,
   4-1. CURRENT RATING: 5A
   VOLTAGE RATING: 20V
   4-2. INSULATION RESISTANCE: 100MΩ MIN
   4-3. DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
   4-4. LOW CONTACT RESISTANCE: INITIAL 40MΩ
   AFTER 50MΩ
5. ENVIRONMENTAL PERFORMANCE:
   OPERATING TEMPERATURE: -30℃~+80℃.
6. IR REFLOW:
   THE PEAK TEMPERATURE ON THE BOARD SHALL
   BE MAINTAINED FOR 10 SECONDS AT 260℃.

序 号	品 名	材 质	电镀/颜色	备 注
3	外壳	不锈钢	镀镍	
2	接触	铜	镀金	
1	基座	LCP	黑色	

深圳市虹成电子有限公司

品 名 TITLE	TYPE-C母座
料 号 PART NO	HC-TYPE-C-16P-032D
比 列 SCALE	1:1
单 位 UNIT	MM
制 图 DRAW	AhYe
张 数 PART NO	1 OF 1
审 核 CHECKED	夏操云
版 本 REV	A
批 准 APPROVE	赵亮亮

GENERAL TOLERANCES (UNLESS SPECIFIED)

.0	±0.35
.00	±0.25
.000	±0.15
X.°	±2.00°

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

HC:

HC-PHB2.0-2x4AW HC-PZ254-11.5L-1x10PZ HC-USB3.0-C34-P HC-USB3.0-L175-2X1-J HCZZ0001-2
HC-FPC-0.5-6P-CSH20 HC-PM254-5.0H-2x10PZ HC-FPC-0.5-10P-FH20 HC-PM254-8.5H-2x20PS
HC-USB2.0-L100-093P HC-FPC-0.5-50P-FHH20 HC-PHB2.0-2x5A HC-PM200-4.3H-2x8PS
HC-PZ254-13.8L-1x6PWA HCZZ0032-6 HCZZ0451-6 HCZZ0514-6 HCZZ0576-5 HC-FPC-0.5-24P-FH20
HC-PZ127-7.2L-2x3PS HC-PZ254-11.5L-1x20PZ HC-PZ254-11.5L-2x18PZ HCZZ0001-6
HC-FPC-0.5-40P-FH20 HC-PM200-4.3H-2x20PZ HC-USB3.0-C26 HC-USB3.0-L257-J
HC-PM254-8.5H-1x21PZ HCZZ0451-4 HCZZ0530-4