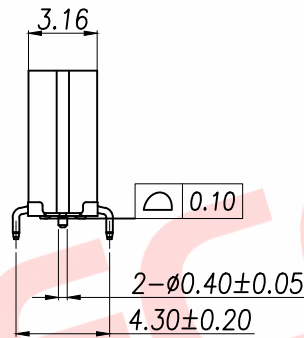
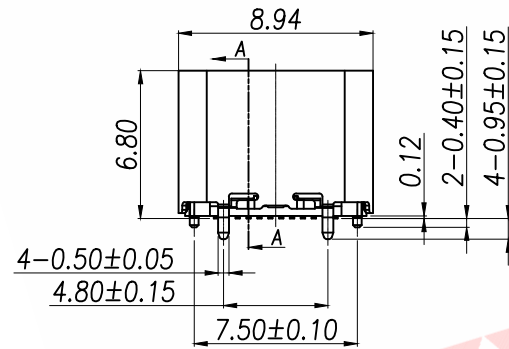
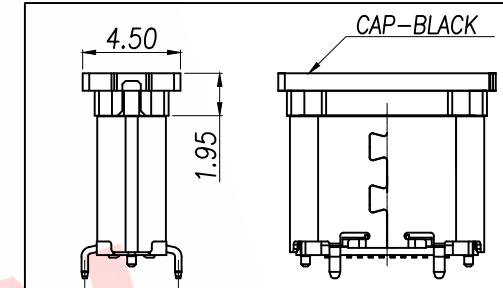
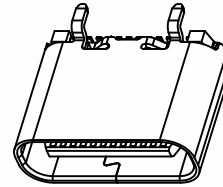
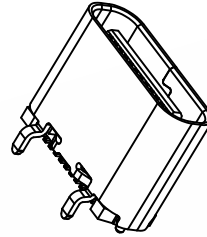
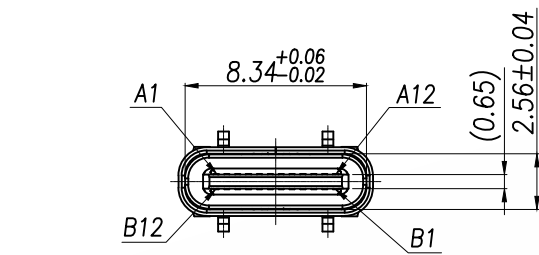
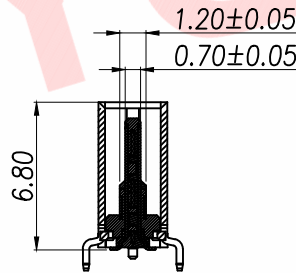
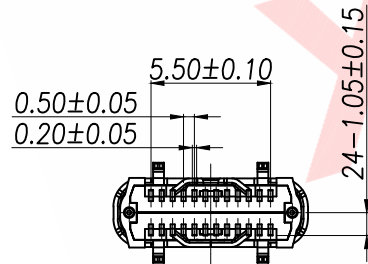
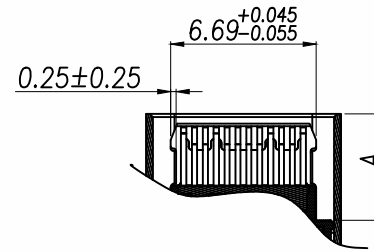


H:6.80mm
A:5.20mm



SECTION A-A



Note: 24pin with ground plate; 16pin without ground plate;

NO.	PART NAME	Q'TY	MATERIAL	FINISH
1	Shell	1	SUS304-1/2H,T=0.30mm	50u"Ni Min.
2	TERMINAL	2	C7025 TM04,T=0.12mm	1u"Au/50u"Ni Min.
3	MID PLATE	1	SUS301-H,T=0.15mm	wash
4	GROUND PLATE	2	SUS301-H,T=0.10mm	wash
5	Housing	1	LCP or PA	UL 94 V-0

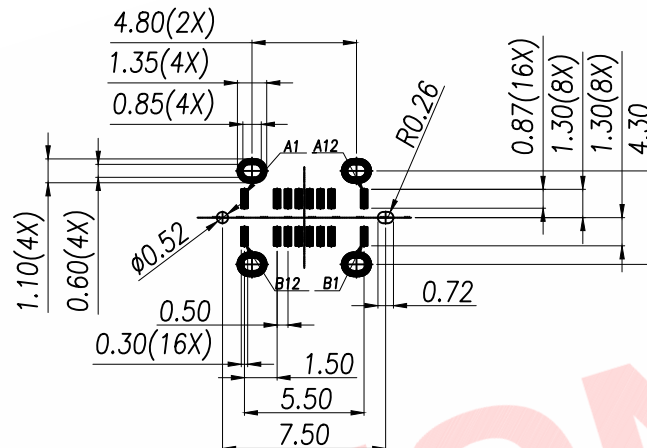
DIMENSION IN mm	
TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X±0.50	X.*± 5°
.XX±0.35	.X.*± 3°
.XXX±0.25	.XX.*± 2.5

P/N	Remark
TYPE-C-C03-2TDWH68-H	LCP BLACK
TYPE-C-C03-2TDWH68-J	LCP ORANGE

厦门市辛译精密电子有限公司
Xiamen XinYi Xyconn Electronics Co.,Ltd

APR. Alex	TITLE: TYPE-C Vertical Type Double Row SMT REC
CHK. Jack	DWG NO. TYPE-C-C03-2TDWH68-X
DRA. Can	PROJ.  CUSTOMER DRAWING
SIZE A4	SCALE 1:1
SHEET 1/1	REV. A

RECOMMENDED P.C.B. LAYOUT(16 Pin)



TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$
RECOMMENDED PCB THICKNESS: $0.8 \pm 0.10\text{mm}$

USB TYPE-C 16PIN ASSIGNMENTS

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

1. MATERIAL:
 - 1-1.HOUSING&MOLDING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0 COLOR:BLACK
 - 1-2.CONTACTS:COPPER ALLOY T=0.12mm
 - 1-3.SHELL:STAINLESS STEEL SUS304-1/2H,T=0.30
 - 1-4.MID PLATE: STAINLESS STEEL(SUS301)T=0.15mm
 - 1-5.EMI PLATE: STAINLESS STEEL(SUS301)T=0.10mm
- 2.PLATING SPECIFICATION:
 - 2-1.CONTACTS:

Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE MATING AREA OF CONTACT.
MATTE SN PLATED ON THE SOLDER AREA.
 - 2-2.SHELL:Ni 30u" MIN. UNDER PLATED OVER ALL.
 - 2-3.MID PLATE:CLEAR ONLY
 - 2-4.EMI PLATE:CLEAR ONLY
3. MECHANICAL:
 - 3.1.MATING FORCE:0.5~2.0kgf;
 - 3.2.UNMATING FORCE:0.8~2.0kgf.
0.6~2.0kgf AFTER DURABILITY TEST;
 - 3.3.DURABILITY:10000 CYCLES;
- 4.ELECTRICAL:
 - 4.1.CURRENT RATING:5A Max;
 - 4.2.VOLTAGE RATING:20V Max;
 - 4.3.DIELECTRIC WITHSTANDING VOLTAGE:100VAc;
 - 4.4.CONTACT RESISTANCE:40m Ohms Max.;
 - 4.5.INSULATION RESISTANCE:100M Ohms Min.;
- 5.ENVIRONMENTAL:
 - 5.1.OPERATING TEMPERATURE:-40°C~+85°C;
 - 5.2.WETTING TEMPERATURE:265±5°C,5±0.5s

DIMENSION IN mm		厦门市辛译精密电子有限公司 Xiamen XinYi Xyeconn Electronics Co.,Ltd						
TOLERANCE UNLESS OTHERWISE SPECIFIED								
.X±0.50	X.*± 5°	APR. Alex	TITLE: TYPE-C Vertical Type Double Row SMT REC					
.XX±0.35	.X*± 3°	CHK. Jack	DWG NO. TYPE-C-C03-2TDWH68-X					
.XXX±0.25	.XX*± 2.5	DRA. Can	PROJ. 			CUSTOMER DRAWING		
			SIZE A4	SCALE 1:1	SHEET 1 / 1	REV. A		