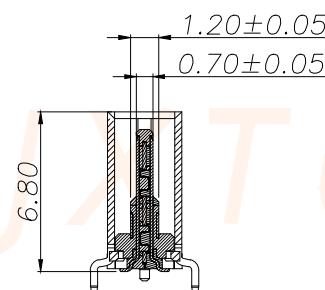
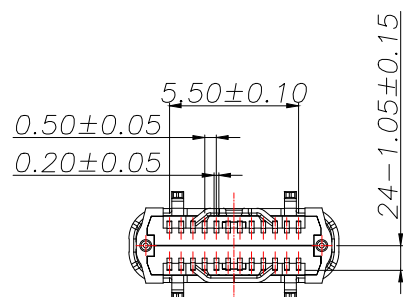
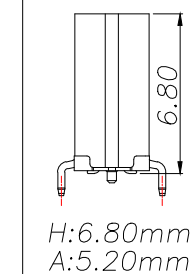
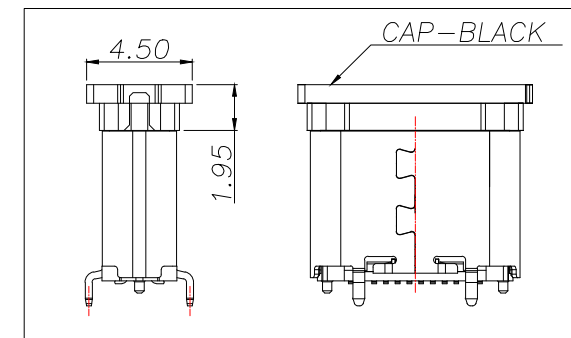
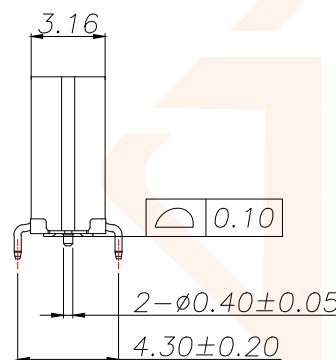
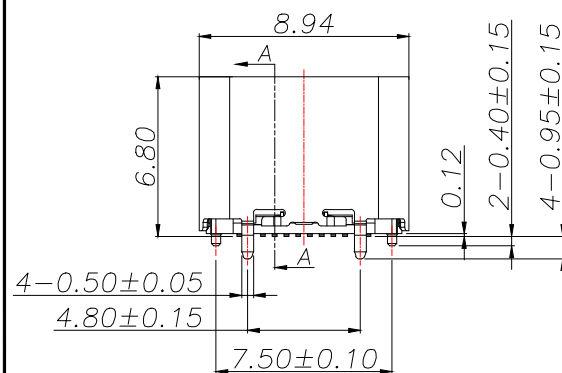
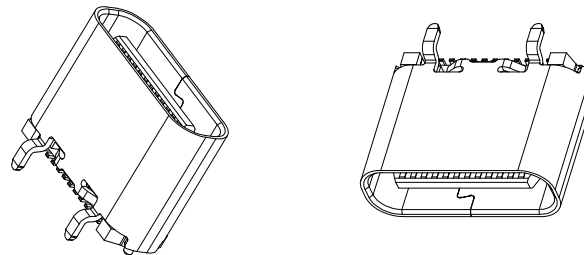
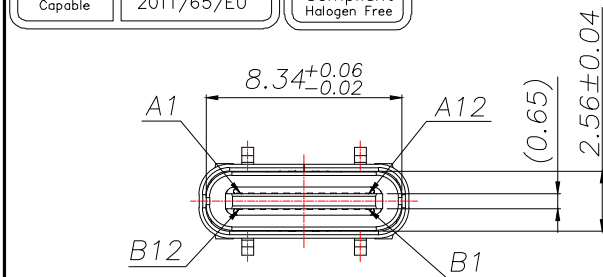
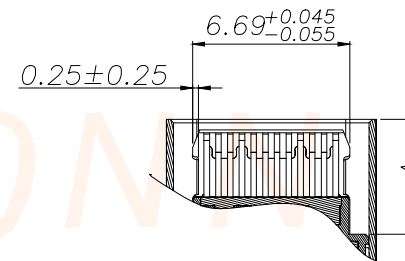




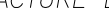
REV.	ECN NO.	DESCRIPTION	DATE	DESIGN



SECTION A-A

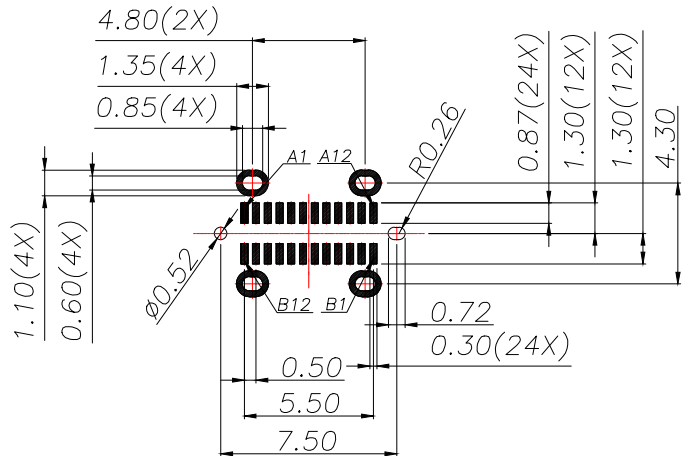


Note: 24pin with ground plate; 16pin without ground plate;

NO.	PART NAME	Q'TY	MATERIAL	FINISH	TOLERANCE		 深圳聚兴泰电子科技有限公司 Shenzhen Juxingtai Electronic Technology Co., Ltd.						
1	Shell	1	SUS304-1/2H,T=0.30mm	50u”Ni Min.	X.±0.50	X.”±5°	PART NO. TYPE-C-FGC052	TITLE: TYPE-C Vertical Type Double Row SMT REC	SCALE N:A SHEET 1/2				
2	TERMINAL	2	C7025 TM04,T=0.12mm	1u”Au/50u”Ni Min.	X.X±0.35	X.X”±3°							
3	MID PLATE	1	SUS301-H,T=0.15mm	wash	X.XX±0.25	X.XX”±2.5°							
4	GROUND PLATE	2	SUS301-H,T=0.10mm	wash	UNITS	mm	DESIGN: Ethan	MANUFACTURE DWG					
5	Housing	1	LCP or PA	UL 94 V-0 ORANGE	MATERILA	— — —	CHED: Olvia						
					FINISH	— — —	APPD: Ava						

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN

RECOMMENDED P.C.B. LAYOUT(24 Pin)

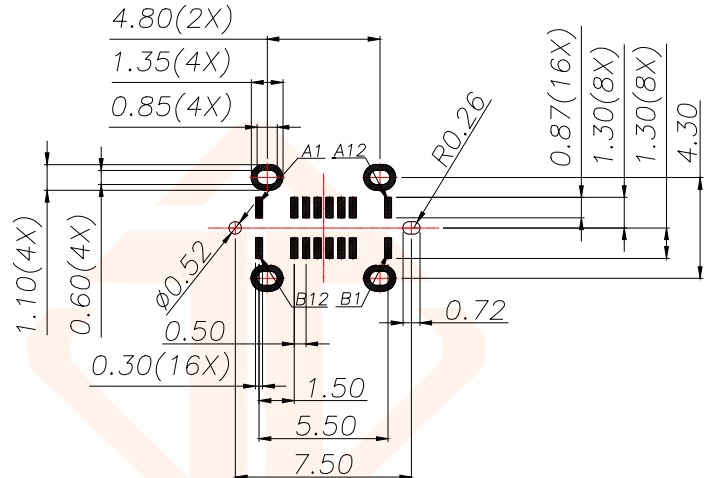


TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$
RECOMMENDED PCB THICKNESS: $0.8 \pm 0.10\text{mm}$

USB TYPE-C 24PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSTXp1
A3	SSTXn1	B10	SSTXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSRXn2
A11	SSRXp2	B2	SSRXp2
A12	GND	B1	GND

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

SPECIFICATION:

- MATERIAL:
 - HOUSING&MOLDING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0 COLOR: BLACK
 - CONTACTS: COPPER ALLOY $T=0.12\text{mm}$
 - SHELL: STAINLESS STEEL SUS304-1/2H, $T=0.30$
 - MID PLATE: STAINLESS STEEL (SUS301) $T=0.15\text{mm}$
 - EMI PLATE: STAINLESS STEEL (SUS301) $T=0.10\text{mm}$
- PLATING SPECIFICATION:
 - CONTACTS:
 - $\text{Ni } 50\mu\text{ MIN. UNDER PLATED OVER ALL. Au PLATED ON THE MATING AREA OF CONTACT. MATTE SN PLATED ON THE SOLDER AREA.}$
 - SHELL: $\text{Ni } 30\mu\text{ MIN. UNDER PLATED OVER ALL.}$
 - MID PLATE: CLEAR ONLY
 - EMI PLATE: CLEAR ONLY
- MECHANICAL:
 - MATING FORCE: $0.5 \sim 2.0\text{kgf}$;
 - UNMATING FORCE: $0.8 \sim 2.0\text{kgf}$. $0.6 \sim 2.0\text{kgf}$ AFTER DURABILITY TEST;
 - DURABILITY: 10000 CYCLES;
- ELECTRICAL:
 - CURRENT RATING: 5A Max;
 - VOLTAGE RATING: 20V Max;
 - DIELECTRIC WITHSTANDING VOLTAGE: 100VAc;
 - CONTACT RESISTANCE: 40m Ohms Max.;
 - INSULATION RESISTANCE: 100M Ohms Min.;
- ENVIRONMENTAL:
 - OPERATING TEMPERATURE: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$;
 - WETTING TEMPERATURE: $265 \pm 5^{\circ}\text{C}$, $5 \pm 0.5\text{s}$

TOLERANCE		深圳聚兴泰电子科技有限公司 Shenzhen Juxingtai Electronic Technology Co., Ltd			
X.±0.50	X.*±5°	PART NO.		TITLE:	
X.X±0.35	X.X*±3°	TYPE-C-FGC052		TYPE-C Vertical Type Double Row SMT REC	
X.XX±0.25	X.XX*±2.5°	DESIGN: Ethan		MANUFACTURE DWG	
UNITS	mm	CHED: Olvia		 SCALE SHEET	
MATERILA	— — —	APPD: Ava			
FINISH	— — —	N:A2/2			