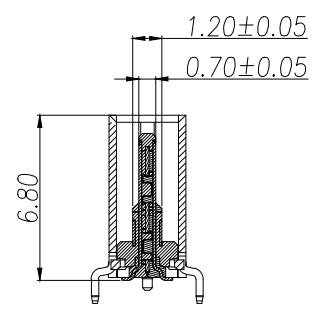
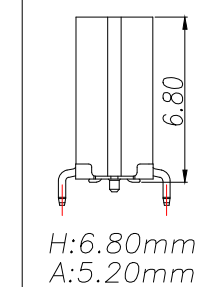
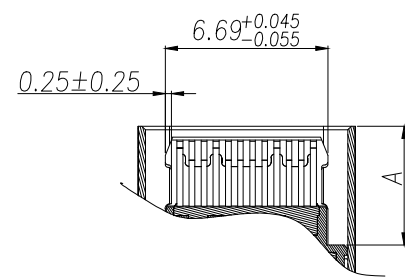
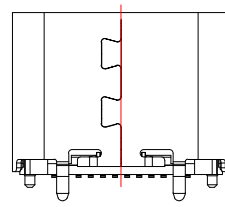
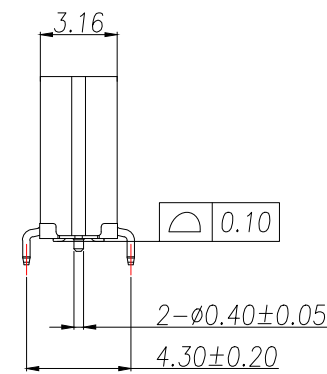
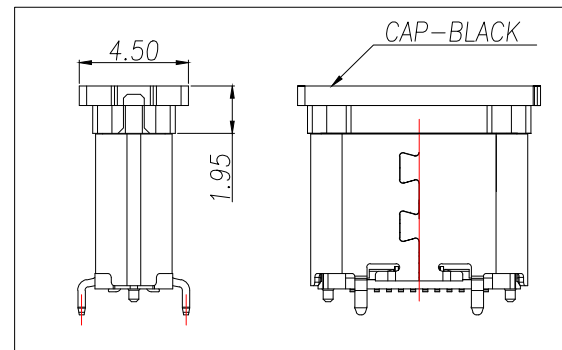
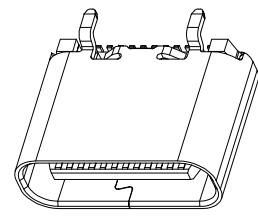
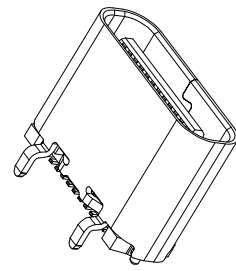
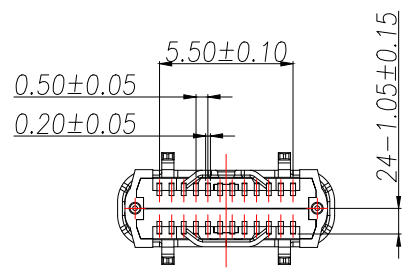
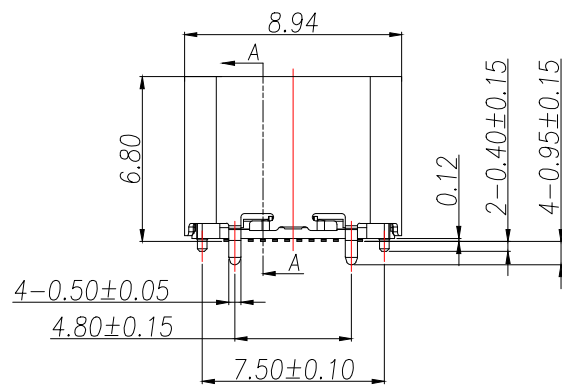
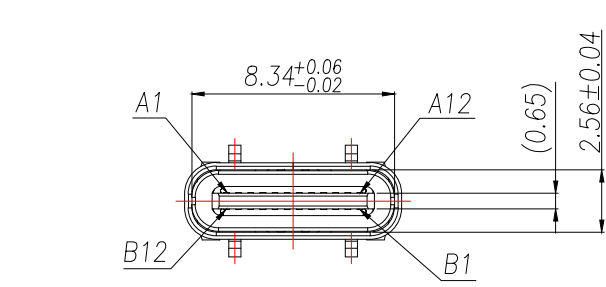
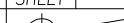




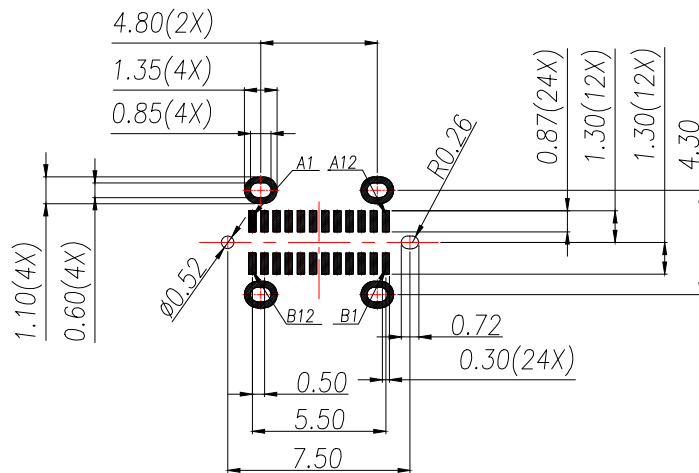
SECTION A-A

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

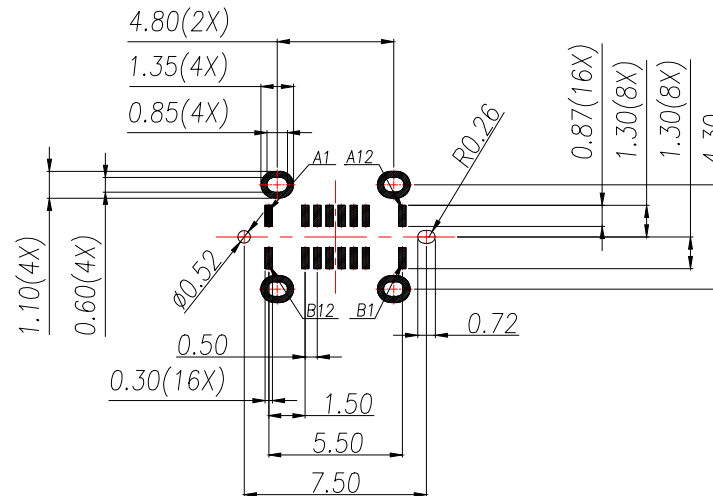
NO.	PART NAME	Q'TY	MATERIAL	FINISH
1	Shell	1	SUS304-1/2H,T=0.30mm	50u"Ni Min.
2	TERMINAL	2	C7025 TM04,T=0.12mm	1u"Au/50u"Ni Min.
3	MID PLATE	1	SUS301-H,T=0.15mm	wash
4	GROUND PLATE	2	SUS301-H,T=0.10mm	wash
5	Housing	1	LCP or PA	UL 94 V-0 ORANGE

制图 DRAWN	变更内容 DESCRIPTION	日期 DATE	GENERAL TOLERANCE		制图 DRAWING	ROSE			料号 PART NO.	ZX-TYPE-C-052		版本 REV.	A
			X.:±0.50	X.:±5°	审核 CHECK	LEO			品名 TITLE	TYPE-C Vertical Type Double Row SMT REC		页次 SHEET	1/1
			X.X:±0.35	X.X:±3°	核准 APPROVAL	JOHN			客户料号 CUTM.NO.				
			X.XX:±0.25	X.XX:±2.5°									
					单位 UNITS	MM	比例 SCALE	1:1	 兆星精密电子（深圳）有限公司 ShenZhen ZhaoXing Precision electronics Co., Ltd				

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



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



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

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

USB TYPE-C 16PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME
A1	GND
A2	SSTXp1
A3	SSTXn1
A4	VBUS
A5	CC1
A6	Dp1
A7	Dn1
A8	SBU1
A9	VBUS
A10	SSRXn2
A11	SSRXp2
A12	GND

PIN NUMBER	SIGNAL NAME
B12	GND
B11	SSTXp1
B10	SSTXn1
B9	VBUS
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	VBUS
B3	SSRXn2
B2	SSRXp2
B1	GND

PIN	NUMBER	SIGNAL	NAME
	A1		GND
	A4		VBUS
	A5		CC1
	A6		Dp1
	A7		Dn1
	A8		SBU1
	A9		VBUS
	A12		GND

PIN	NUMBER	SIGNAL	NAME
	B12		GND
	B9		VBUS
	B8		SBU2
	B7		Dn2
	B6		Dp2
	B5		CC2
	B4		VBUS
	B1		GND

制图 DRAWN	变更内容 DESCRIPTION	日期 DATE	GENERAL TOLERANCE		制图 DRAWING	ROSE			料号 PART NO.	ZX-TYPE-C-052	版本 REV.	A
			X.:±0.50	X.:±5°	审核 CHECK	LEO			品名 TITLE	TYPE-C Vertical Type Double Row SMT REC	页次 SHEET	1/1
			X.X:±0.35	X.X:±3°	核准 APPROVAL	JOHN			客户料号 CUTM.NO.			
			X.XX:±0.25	X.XX:±2.5°	单位 UNITS	MM	比例 SCALE	1:1	 兆星精密电子（深圳）有限公司 ShenZhen ZhaoXing Precision electronics Co., Ltd.			