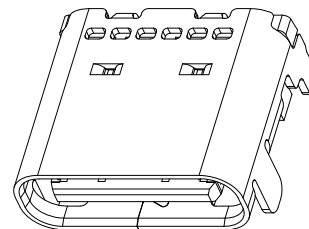
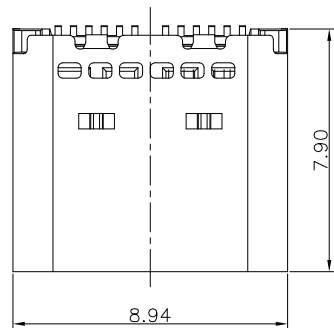


THIS DRAWING CONTAINS INFORMATION THAT IS
PROPRIETARY TO ZDT TECHNOLOGY, AND SHOULD
NOT BE USED WITHOUT WRITTEN PERMISSION

REV	ECN No.	DATE	REMARK
A	NEW	2021.06.16	NEW RELEASE
B	---	2023.07.13	修正描述



1. MECHANICAL PERFORMANCE:
 1-1. INSERTION FORCE: 0.5~2.0kgf.
 1-2. REMOVAL FORCE: 0.8kgf~2.0kgf.
 1-3. DURABILITY: 10000 CYCLES.

2. ELECTRICAL PERFORMANCE,
 2-1. CURRENT RATING: 5.0A
 VOLTAGE RATING: 20V
 2-2. LLCR:
 VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
 SHIELD: 50mΩ/MAX.
 LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 2-3. INSULATION RESISTANCE: 100MΩ MIN
 2-4. DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.

3. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: -25°C~+85°C.

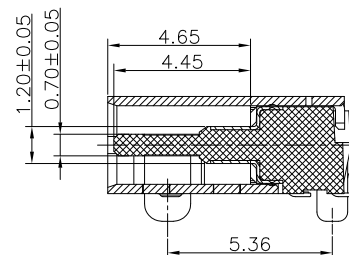
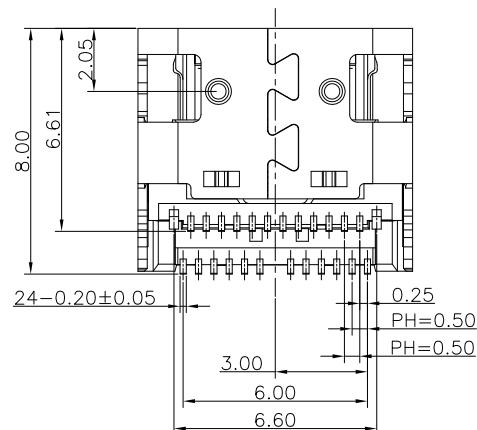
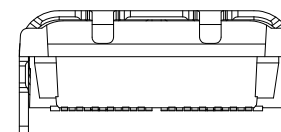
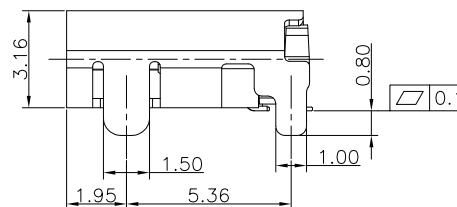
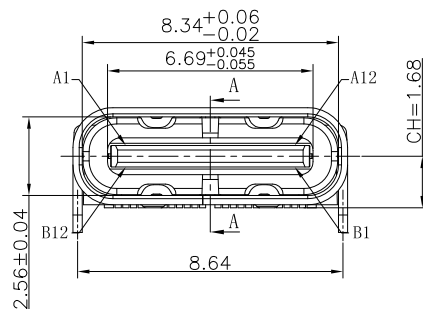
4. IR REFLOW: 

THE PEAK TEMPERATURE ON THE BOARD SHALL
 BE MAINTAINED FOR 10 SECONDS AT 260°C.

5. 符合ROHS&HF要求:



1	SUS304 T=0.30	Ni 30u" MIN. UNDER PLATED OVER ALL.
1	SUS304 T=0.10	Ni 30u" MIN. UNDER PLATED OVER ALL.
1	SUS301 T=0.15	Ni 30u" MIN. UNDER PLATED OVER ALL. Sn 80u"MIN. PLATED OVER ALL
1	LCP UL94V-0	COLOR:BLACK
1	LCP UL94V-0	COLOR:BLACK
2	C18400 T=0.12	Ni 50u" MIN. UNDER PLATED OVER ALL
2	C18400 T=0.12	Au PLATED ON CONTACT,GF PLATED ON SOLDERING
'TY	MATERIAL	FINISH



SECTION A-A
SCALE 1:1

TYPE:				
7	SHELL	1	SUS304 T=0.30	Ni 30u" MIN. UNDER PLATED OVER ALL.
6	EMI	1	SUS304 T=0.10	Ni 30u" MIN. UNDER PLATED OVER ALL.
5	SHIELDING PLATE	1	SUS301 T=0.15	Ni 30u" MIN. UNDER PLATED OVER ALL. Sn 80u"MIN. PLATED OVER ALL
4	INSULATOR 2	1	LCP UL94V-0	COLOR:BLACK
3	INSULATOR 1	1	LCP UL94V-0	COLOR:BLACK
2	Down CONTACT	12	C18400 T=0.12	Ni 50u" MIN. UNDER PLATED OVER ALL
1	TOP CONTACT	12	C18400 T=0.12	Au PLATED ON CONTACT,GF PLATED ON SOLDERING
No.	PART NAME	Q'TY	MATERIAL	FINISH

PART NO.: SEE THE PART NUMBER CODE		 深圳市中兴科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO., LTD		DRAWN BY SAM		DATE 2023.07.13	
QUALITY SYMBOL 0 ▽=0							

RoHS
Compliant

REV	ECN No.	DATE	REMARK
A	NEW	2021.06.16	NEW RELEASE
B	---	2023.07.13	修正描述



MATED CONDITION(REF.)



RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS ± 0.05

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
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	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

PART NO.:		ZDT 深圳市中兴科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO., LTD				DRAWN BY		DATE				
SEE THE PART NUMBER CODE						SAM		2023.07.13				
QUALITY SYMBOL 0 ▽= 0 ▽= 0.10 ▽= 0.25 ▽= 0.30 ▽= ANGULAR ▽=	GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE				CHECKED BY		DATE			
			USB C TYPE REC TOP MOUNT DOUBLE SMT TAIL				JAY		2023.07.13			
	x.xxxx		± ---		DWG.NO. CF073-24-02		SHEET NO. 2 OF 2		APPROVED BY JACKY		DATE 2023.07.13	
	x.xxx		± 0.10									
	x.xx		± 0.25									
	x.x		± 0.30									
ANGULAR		± --°		DIMENSION STYLE MM ONLY		DESIGN UNITS METRIC		SCALE 1:1		THIRD ANGLE PROJECTION		



THIRD ANGLE
PROJECTION

frame size: A4