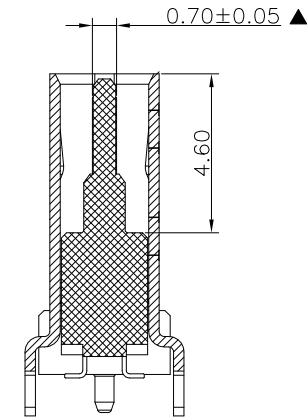
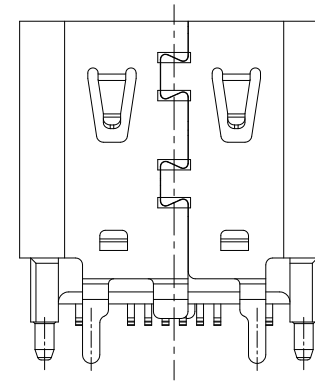
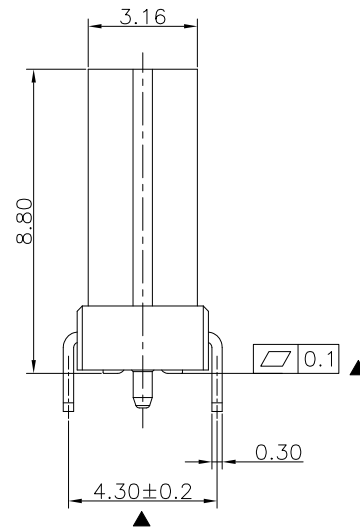
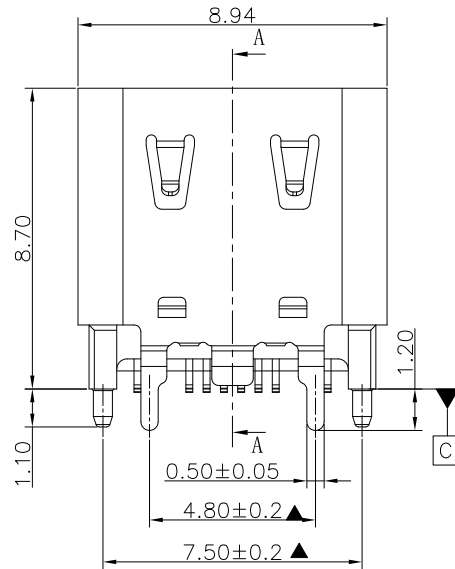
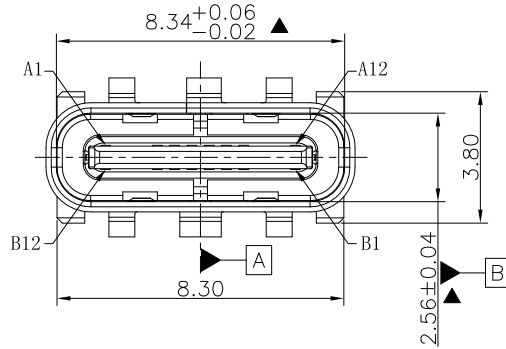


REV	ECN No.	DATE	REMARK
A	NEW	2022.02.14	NEW RELEASE



SECTION A-A
SCALE 1:1

PIN DEFINITION:

PIN No.	A1	A4	A5	A6	A7	A8	A9	A12
SIGNAL NAME	GND	VBus	CC1	D+	D-	SBU1	VBus	GND
PIN No.	B12	B9	B8	B7	B6	B5	B4	B1
SIGNAL NAME	GND	VBus	SBU2	D-	D+	CC2	VBus	GND

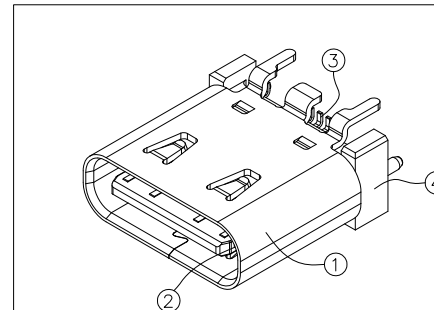
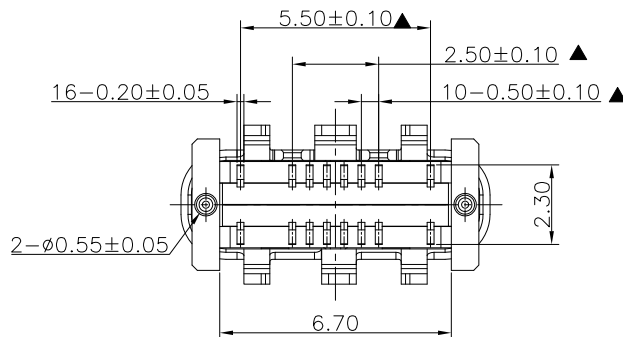


TABLE:

NO	PART	Q'TY	Material
1	SHELL	1	STAINLESS STEEL 304 T=0.30mm, NI 30u" MIN PLATED
2	Mid Plate	1	STAINLESS STEEL 301 T=0.15mm, NO PLATED
3	CONTACT	16	COPPER STEEL C18400,Au(PART NUMBER CODE) T=0.12mmplated on contact area Matte Tin plated 60u"min on solder area;Nickel 50u"min underplating over all.
4	HOUSING	1	LCP BLACK UL94 V-0
5	CAP	1	LCP BLACK UL94 V-0
PART NO.:		DRAWN BY:	
SEE THE PART NUMBER CODE		HuangXiaoHao	
GENERAL TOLERANCES		CHECKED BY:	
x.xxxx		liuzongliang	
x.xxx		APPROVED BY:	
x.xx		Jacky	
x.x		THIRD ANGLE PROJECTION	
ANGULAR		DIMENSIONS	
		mm	
		SCALE	
		1:1	
		DRAWING	
		A4	
		SHEET NO.	
		1 OF 3	
		DWG.NO.	
		CF116-010-02	

ZDT 深圳市中科兴达科技有限公司
SHENZHEN ZDT TECHNOLOGY CO.,LTD
TITLE
USB TYPE-C FEMALE 16PIN Vertical SMT H=8.8

REV	ECN No.	DATE	REMARK
A	NEW	2022.02.14	NEW RELEASE

NOTE:

- ELECTRICAL PERFORMANCE,
 - CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN,
0.25 AMPS. FOR ALL OTHER CONTACT.
 - VOLTAGE RATING:20V DC/AC (RMS. MAX)
 - LLCR:..
VBUS & GND PINS AND OTHER PINS: 40MΩ/PIN MAX.
SHIELD:50MΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10MΩ.
- INSULATION RESISTANCE: 100MΩ MIN
- DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 5~20N.
 - EXTRACTION FORCE: 8~20N.
 - DURABILITY: 10000 CYCLES.
- ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
- IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.
- COMPLIANCE WITH ROHS REQUIREMENTS.
- SALT SPRAY:48H
- With"▲" for the key control size
- PART NUMBER CODE:

CF 1 16 - 010 S X X XX XX - 02

PACKING OPTIONS:
R:TAPE & REEL
VR:TAPE & REEL+真空包装

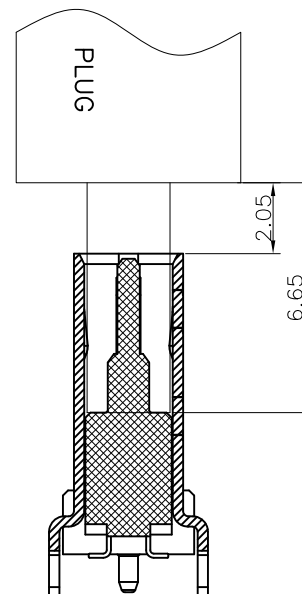
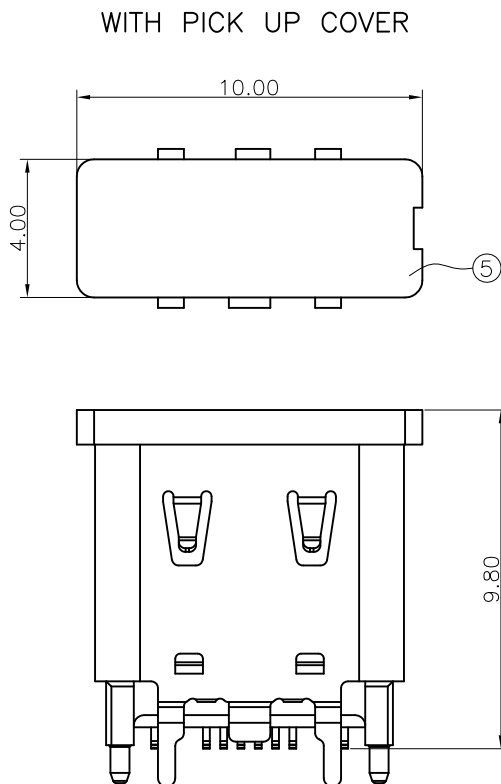
CONTACTS PLATED:
02:Contact Area: Au 3u"
Solder Tails:Tin

HOUSING COLOR:
B:BLACK

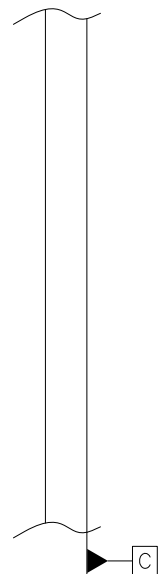
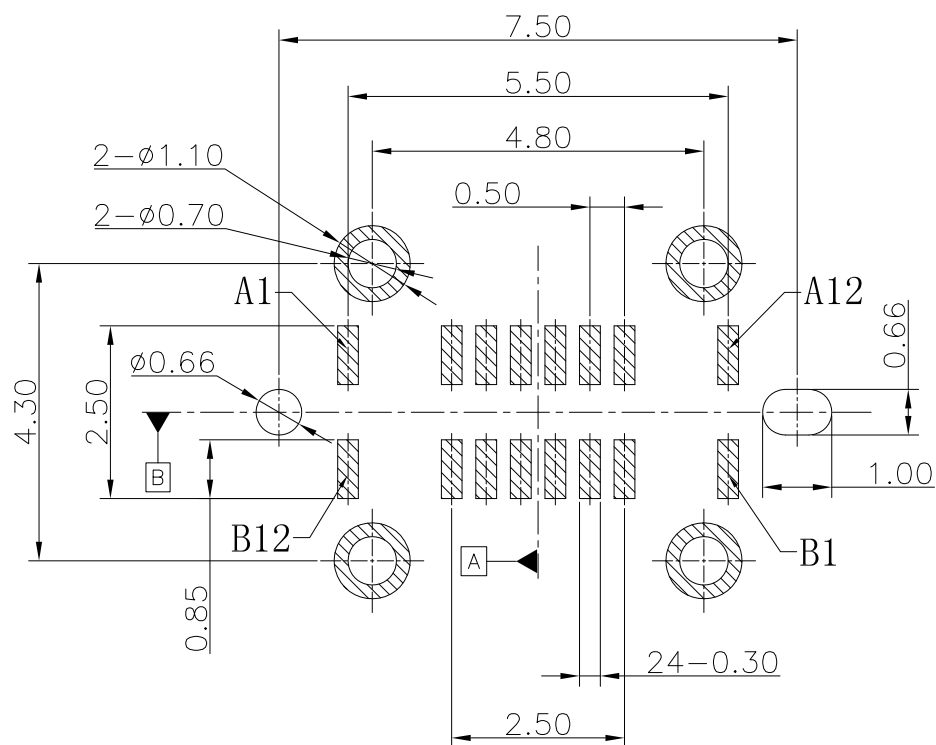
HOUSING MATERIALS:
L:LCP

Pin No.:
16:16Pin

Product type:
1:180度直立式



PART NO.: SEE THE PART NUMBER CODE		DRAWN BY: HuangXiaoHao		 深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO.,LTD				
GENERAL TOLERANCES		CHECKED BY: liuzongliang						
x.xxxx	± ---	APPROVED BY: Jacky		TITLE				
x.xxx	± 0.10			USB TYPE-C FEMALE 16PIN Vertical SMT H=8.8				
x.xx	± 0.25							
x.x	± 0.30	THIRD ANGLE PROJECTION		DIMENSIONS	SCALE	DRAWING	SHEET NO.	DWG.NO.
ANGULAR	± 3°			mm	1:1	A4	2 OF 3	CF116-010-02



RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05
SCALE:2:1

REV	ECN No.	DATE	REMARK
A	NEW	2022.02.14	NEW RELEASE

PART NO.: SEE THE PART NUMBER CODE		DRAWN BY: HuangXiaoHao		 深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO.,LTD				
GENERAL TOLERANCES		CHECKED BY: liuzongliang						
x.xxx	± ---	APPROVED BY: Jacky		TITLE USB TYPE-C FEMALE 16PIN Vertical SMT H=8.8				
x.xxx	± 0.10	THIRD ANGLE PROJECTION 		DIMENSIONS	SCALE	DRAWING	SHEET NO.	DWG.NO.
x.xx	± 0.25			mm	1:1	A4	3 OF 3	CF116-010-02
x.x	± 0.30							
ANGULAR	± 3°							