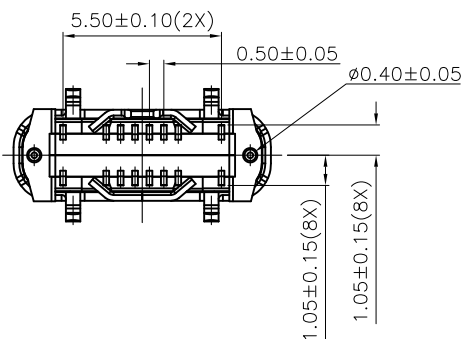
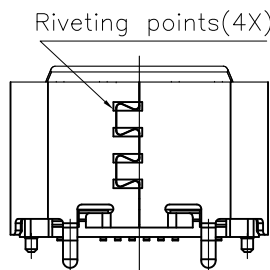
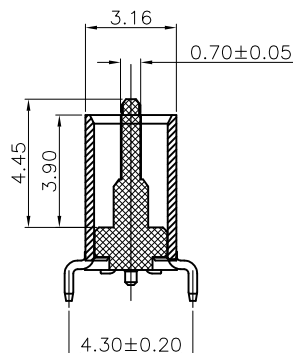
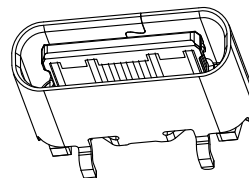
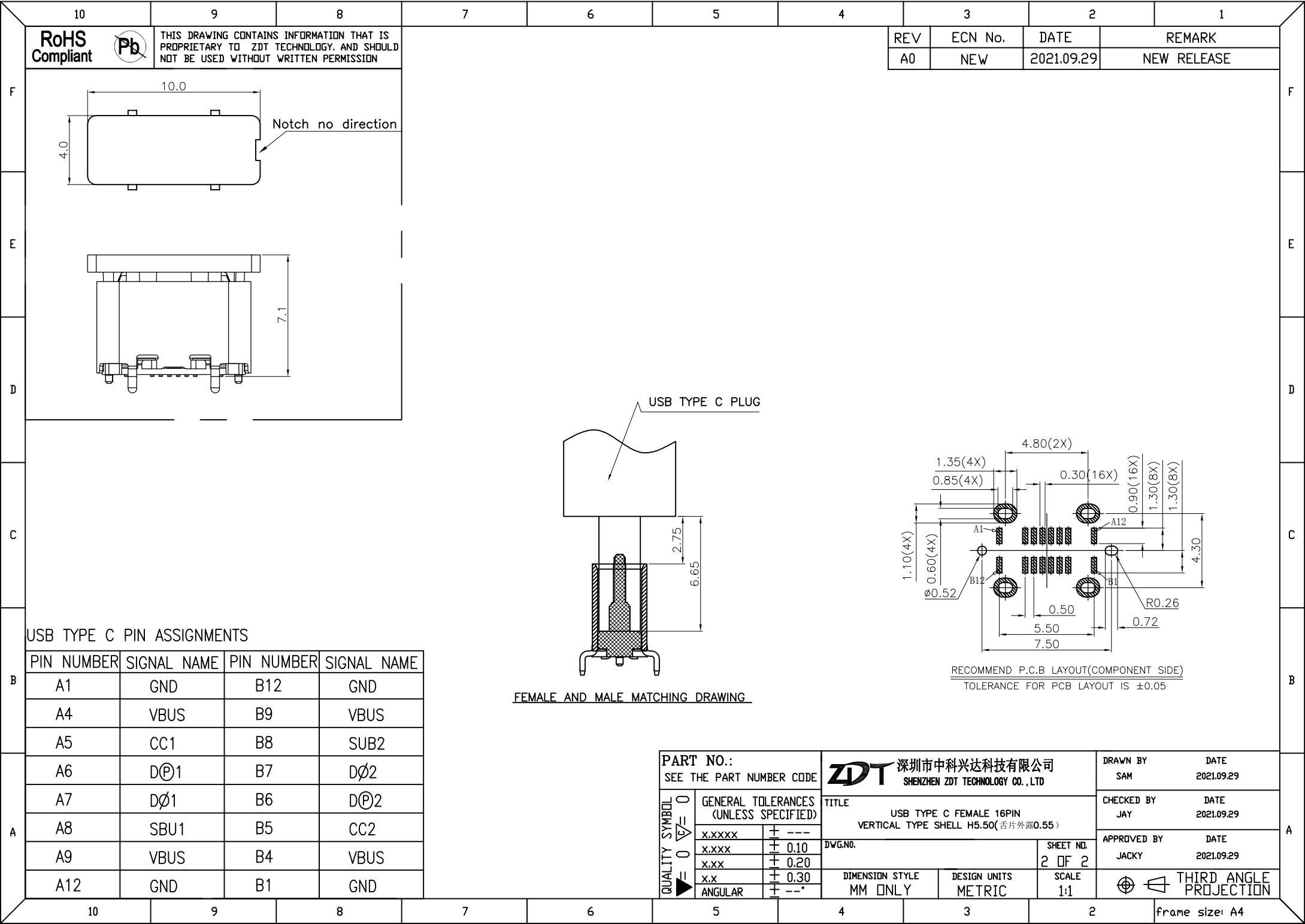




1. MATERIAL SPECIFICATION:
1. HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
2. CONTACTS: COPPER ALLOY (C18400)
3. MID PLATE & EMI PLATE: STAINLESS STEEL (SUS301)
4. FRONT SHELL: STAINLESS STEEL (SUS304)
2. PLATING SPECIFICATION:
2-1. CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
2-2. FRONT SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.
2-3. MID PLATE:
CLEAR ONLY
3. MECHANICAL PERFORMANCE,
3-1. INSERTION FORCE: 0.5~2.0kgf.
3-2. REMOVAL FORCE: 0.8kgf~2.0kgf.
3-3. DURABILITY: 10000 CYCLES.
4. ELECTRICAL PERFORMANCE,
4-1. CURRENT RATING: 5.0A
VOLTAGE RATING: 20V
4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
4-3. INSULATION RESISTANCE: 100MΩ MIN
4-4. DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
6. IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.
7. PART NUMBER CODE (产品料号)
CF116-001 S X X XX R - 02
(1) (2) (3) (4)
(1) HOUSING MATERIAL:
L: LCP
(2) HOUSING COLOR:
B: BLACK
(3) CONTACTS PLATED:
12: 接触镀金 3u" 其它 GF
(4) PACKING OPTIONS
R: TAPE & REEL

PART NO.:			 深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO., LTD			DRAWN BY		DATE	
PART NUMBER CODE						SAM		2021.09.29	
QUALITY SYMBOL 0 ▽=0									

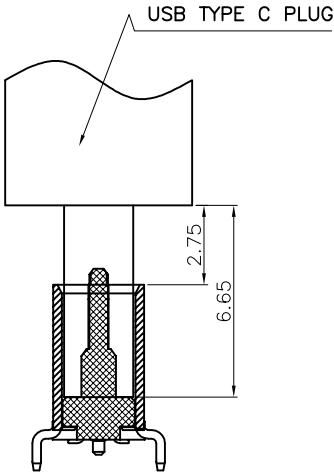
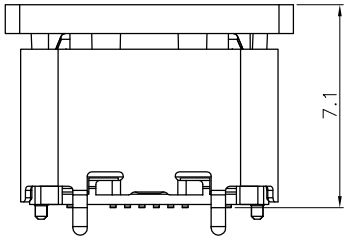
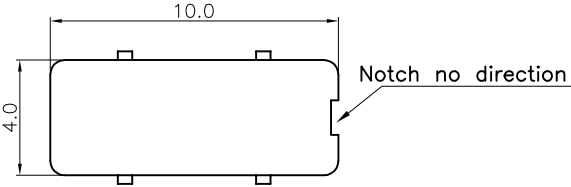


10 9 8 7 6 5 4 3 2 1

RoHS Compliant

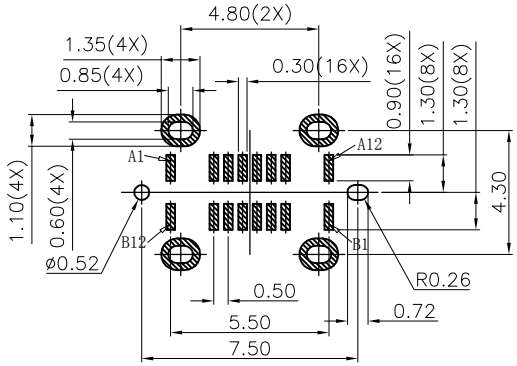
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO ZDT TECHNOLOGY, AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

REV	ECN No.	DATE	REMARK
A0	NEW	2021.09.29	NEW RELEASE



USB TYPE C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SUB2
A6	DⓅ1	B7	D⌀2
A7	D⌀1	B6	DⓅ2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS ±0.05

FEMALE AND MALE MATCHING DRAWING

PART NO.: SEE THE PART NUMBER CODE		ZDT 深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO.,LTD		DRAWN BY SAM	DATE 2021.09.29
QUALITY SYMBOL = 0 = 0 = 0 = 0 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE USB TYPE C FEMALE 16PIN VERTICAL TYPE SHELL H5.50(舌片外露0.55)		
	x.xxxxx	± ---	DWG.NO.		
	x.xxx	± 0.10	SHEET NO. 2 OF 2		
	x.xx	± 0.20	APPROVED BY JACKY		
	x.x	± 0.30	DATE 2021.09.29		
ANGULAR ± ---°		DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC	SCALE 1:1	THIRD ANGLE PROJECTION