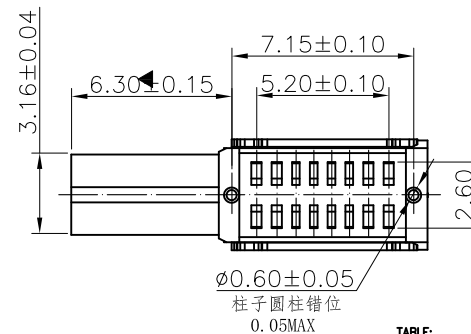
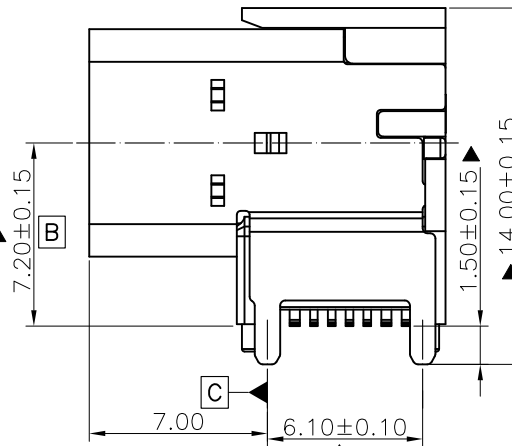
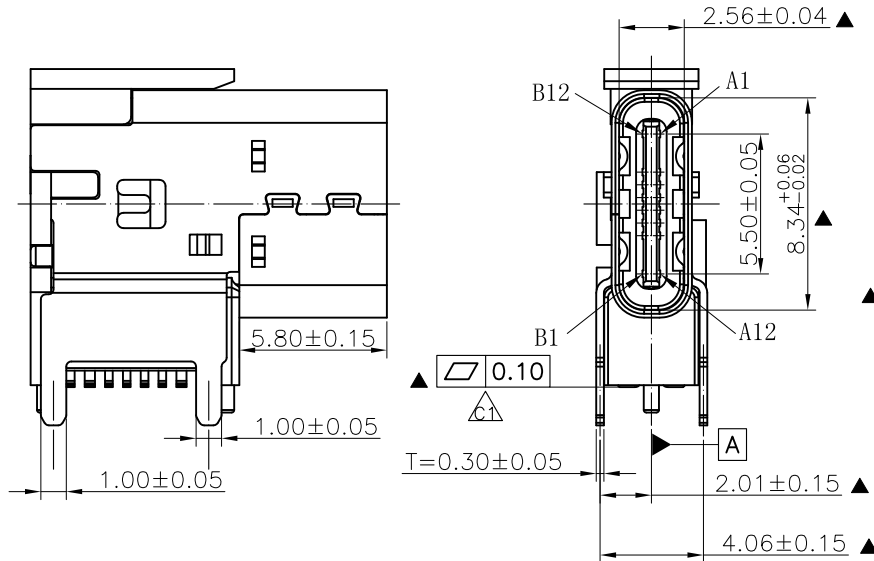
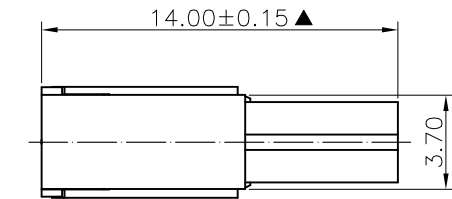
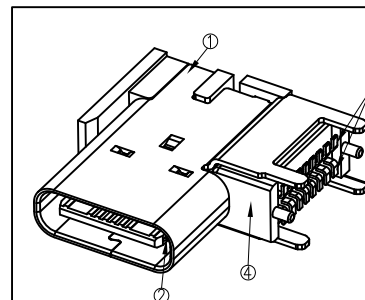
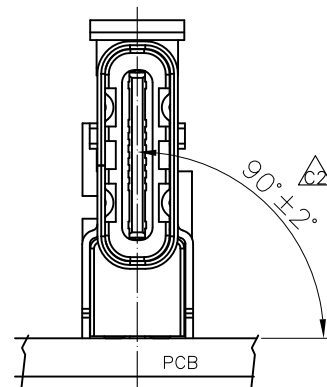
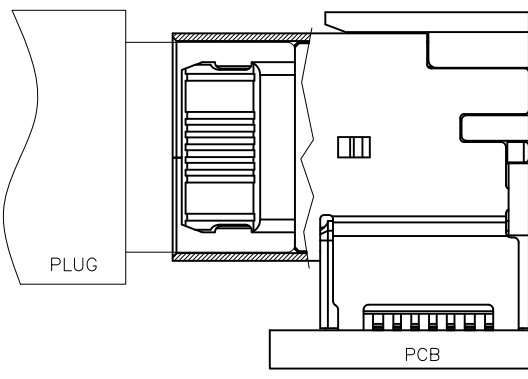


10 9 8 7 6 5 4 3 2 1

REV	ECN No.	DATE	REMARK
A	NEW	2023.09.04	NEW RELEASE
B	---	2024.04.06	更换新图框
C	---	2024.07.12	增加焊盘后歪斜角度管控



MATED CONDITION(REF.)



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: -55°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

8.PART NUMBER CODE:

CF 6 16-002S L B 11 R-02

①② ③④⑤⑥

- Product type:
6:侧立式
- Pin No.:
16:16Pin
- HOUSING MATERIALS:
L:LCP
- HOUSING COLOR:
B:BLACK
- CONTACTS PLATED:
11:Contact Area: Au 1u"
Solder Tails:GF
- PACKING OPTIONS:
R:TAPE & REEL

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:

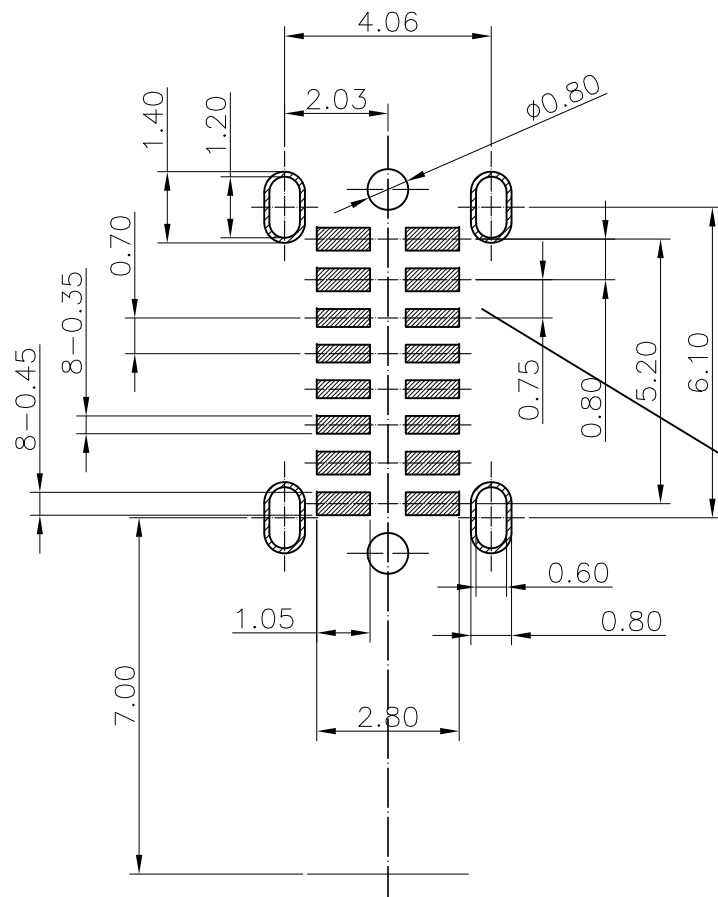
NO	PART	QTY	Material
①	SHELL	1	STAINLESS STEEL 304 T=0.30mm, BLACK Ni 30u" MIN PLATED
②	Mid Plate	1	STAINLESS STEEL 301 T=0.15mm, NO PLATED
③	CONTACT	16	COPPER STEEL C7025,Au 1u"Plated On Vontact Area GF Plated On Solder Area;Nickel 50u"Min Underplating Over All.
④	HOUSING	1	LCP UL94 V-0
PART NO.:		DRAWN 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 2	
		DWG.NO.	
		CF616-002-02	

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侧插SMT CH=7.2

10 9 8 7 6 5 4 3 2 1

REV	ECN No.	DATE	REMARK
A	NEW	2023.09.04	NEW RELEASE
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RECOMMEND P.C.B LAYOUT(TOW VIEW)
TOLERANCE FOR PCB LAYOUT IS ± 0.05
SCALE:2:1

PART NO.: SEE THE PART NUMBER CODE		DRAWN BY: HuangXiaoHao		ZDT 深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO.,LTD	
GENERAL TOLERANCES		CHECKED BY: liuzongliang		TITLE USB TYPE--C FEMALE 16PIN侧插SMT CH=7.2	
x.xxxx	$\pm$ ---	APPROVED BY: Jacky			
x.xxx	$\pm$ 0.10				
x.xx	$\pm$ 0.15				
x.x	$\pm$ 0.30				
ANGULAR	$\pm$ 3°	THIRD ANGLE PROJECTION		DIMENSIONS	SCALE
				mm	1:1
				DRAWING	SHEET NO.
				A4	2 OF 2
				DWG.NO. CF616-002-02	