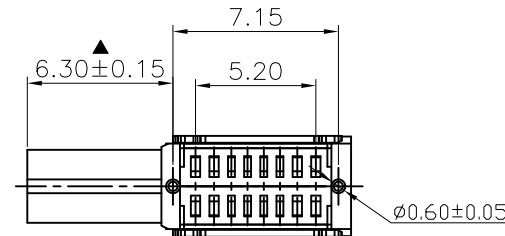
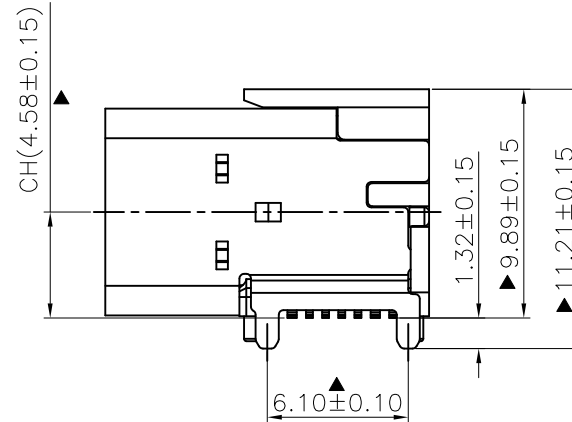
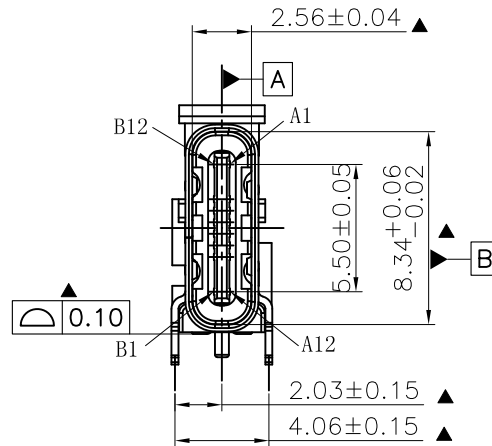
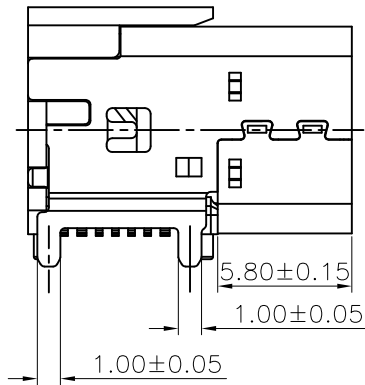
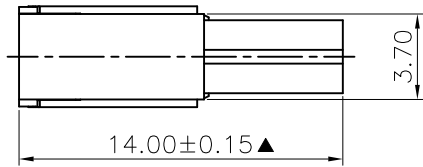


10 9 8 7 6 5 4 3 2 1

REV	ECN No.	DATE	REMARK
A	NEW	2023.08.12	NEW RELEASE
B	---	2024.07.12	增加焊盘后歪斜角度管控



NOTE:

1.ELECTRICAL PERFORMANCE,

- 1-1. CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN,
0.25 AMPS. FOR ALL OTHER CONTACT.
- 1-2. VOLTAGE RATING:20V DC/AC (RMS. MAX)
- 1-3. LLCR:.

VBUS & GND PINS AND OTHER PINS: 40MΩ/PIN MAX.
SHIELD:50MΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10MΩ.

- 1-4.INSULATION RESISTANCE: 100MΩ MIN
- 1-5.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

2.MECHANICAL PERFORMANCE,

- 2-1.INSERTION FORCE: 5~20N.
- 2-2.EXTRACTION FORCE: 8~20N.
- 2-3.DURABILITY: 10000 CYCLES.

3.ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -55°C~+85°C.
4.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

5.COMPLIANCE WITH ROHS REQUIREMENTS.

6.SALT SPRAY:48H

7. With '▲' for the key control size

8.PART NUMBER CODE:

CF 6 16-001S L B 11 R-02

①② ③④⑤⑥

① Product type:

6:侧立式

② Pin No.:

16:16Pin

③ HOUSING MATERIALS:

L:LCP

④ HOUSING COLOR:

B:BLACK

⑤ CONTACTS PLATED:

11:Contact Area: Au 1u"
Solder Tails:GF

⑥ PACKING OPTIONS:

R:TAPE & REEL

PIN DEFINITION:

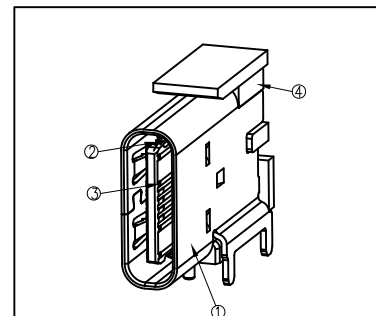
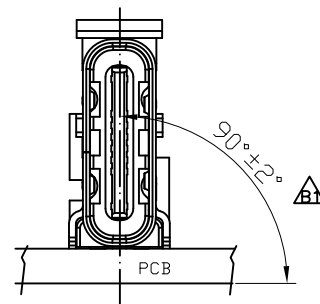
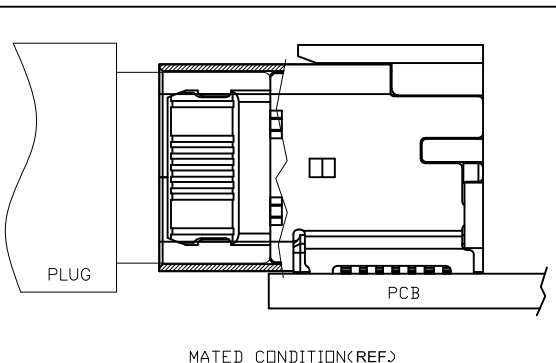
PIN No.	A1	A4	A5	A6	A7	A8	A9	A12
SIGNAL NAME	GND	VBUS	CC1	D+	D-	SBU1	VBUS	GND
PIN No.	B12	B9	B8	B7	B6	B5	B4	B1
SIGNAL NAME	GND	VBUS	SBU2	D-	D+	CC2	VBUS	GND

TABLE:

NO	PART	Q'TY	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.	
		CF616-001-02	

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=4.58



F

E

D

C

B

A

F

E

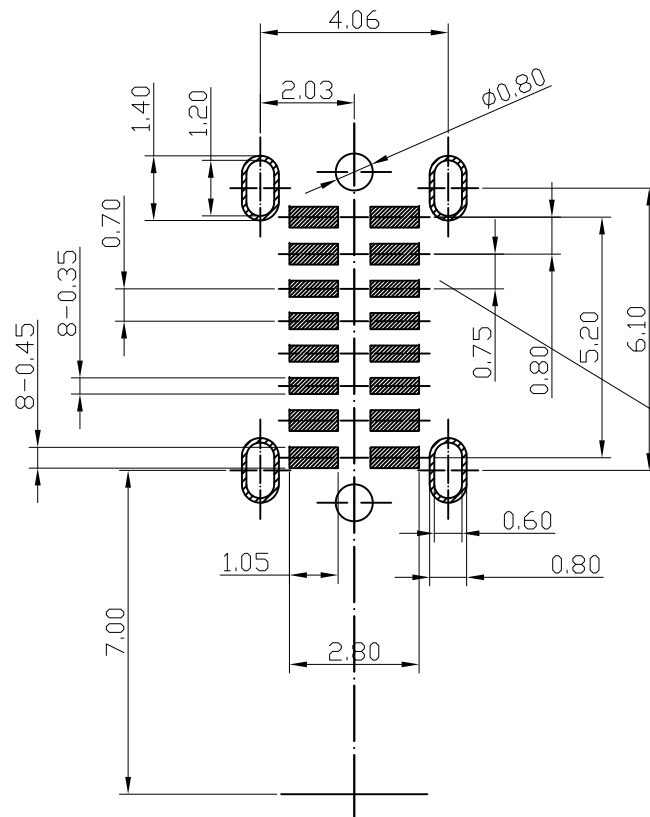
D

C

B

A

REV	ECN No.	DATE	REMARK
A	NEW	2023.08.12	NEW RELEASE
B	---	2024.07.12	增加焊盘后歪斜角度管控



B12	A1
B9	A4
B8	A5
B7	A6
B6	A7
B5	A8
B4	A9
B1	A12

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		 深圳市中兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO.,LTD				
GENERAL TOLERANCES		CHECKED BY: liuzongliang		TITLE USB TYPE-C FEMALE 16PIN侧插SMT CH=4.58				
x.xxxx	± ---	APPROVED BY: Jacky						
x.xxx	± 0.10							
x.xx	± 0.15							
x.x	± 0.30	THIRD ANGLE PROJECTION		DIMENSIONS	SCALE	DRAWING	SHEET NO.	DWG.NO.
ANGULAR	± 3'			mm	1:1	A4	2 OF 2	CF616-001-02