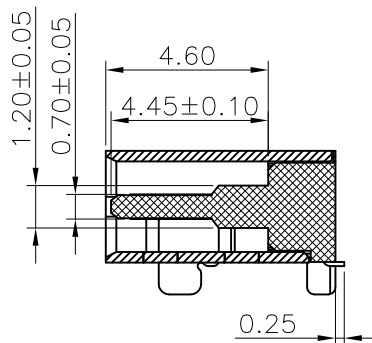
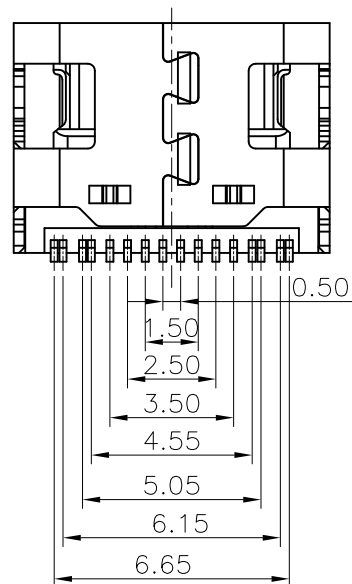
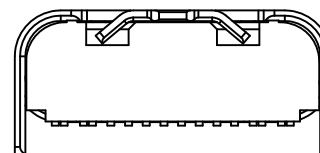
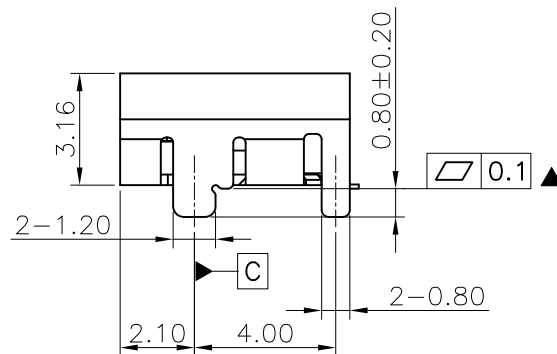
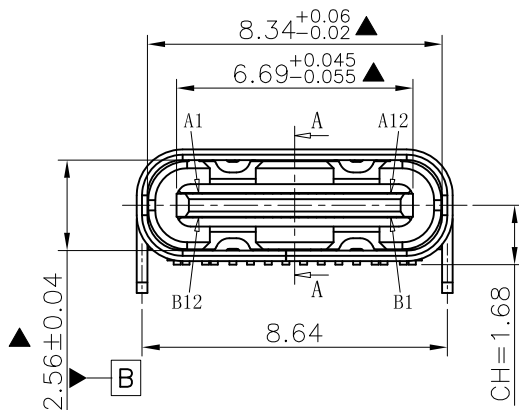
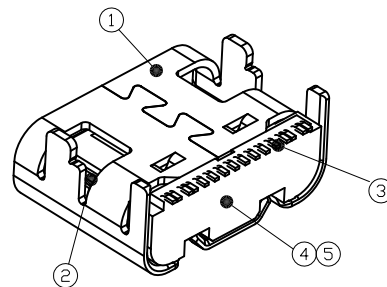
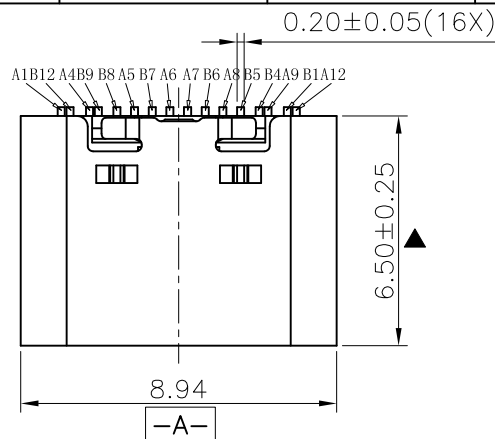




SECTION A-A
SCALE 1:1

REV	ECN No.	DATE	REMARK
A	NEW	2015.05.10	NEW RELEASE
B	ECN2003002	2020.03.12	修改图纸与实物相符
C	---	2022.04.06	增加10u''电镀规格
D	---	2024.01.26	增加外壳黑镍电镀规格

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: -25°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:

Z-CF055 X X X XX R - A - 02
(1) (2) (3) (4)

(1) SHELL PLATED:

S:Bright Nickel

J:Black Nickel(黑镍)

(2) HOUSING MATERIAL:

L:LCP

C:PA9T

Q:PA10T

(3) HOUSING COLOR:

B:BLACK

O:Orange

L:Blue

(4) CONTACTS PLATED:

12:接触镀金30u''焊接区域镀金1u''

18:接触镀金100u''焊接区域镀金1u''

15:接触镀金300u''焊接区域镀金GF

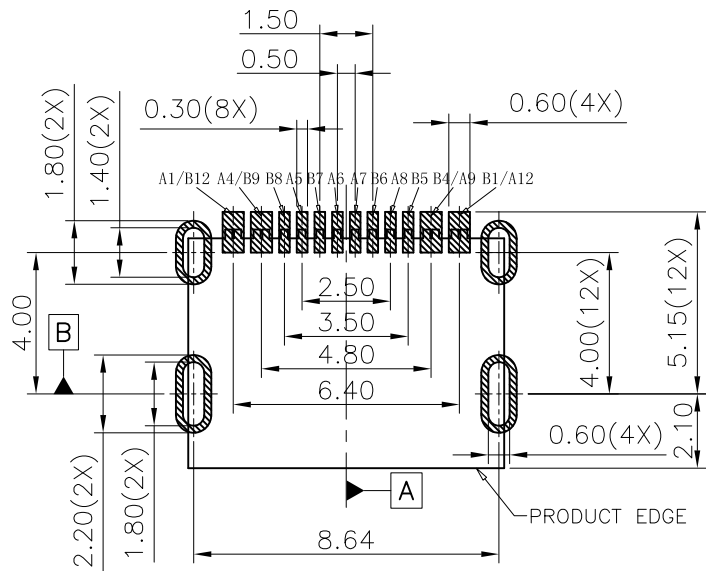
PIN DEFINITION:

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

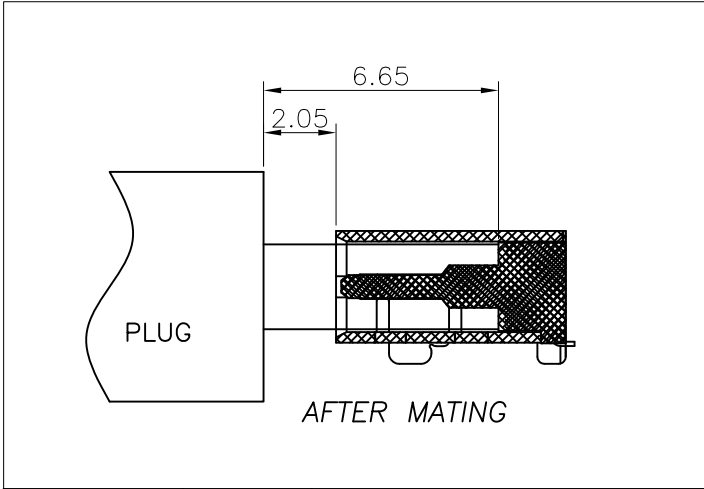
TABLE:

NO	PART	Q'TY	Material
1	SHELL	1	STAINLESS STEEL 304, NI 30u'' MIN PLATED
2	Mid Plate	1	STAINLESS STEEL 301, NO PLATED
3	CONTACT	16	COPPER STEEL C18400,Au Plated On Vontact Area GF Plated On Solder Area;Nickel 50u''Min Underplating Over All.
4	1MD HOUSING	1	HIGH TEMPERATURE RESISTANT PLASTIC BLACK UL94 V-0
5	2MD HOUSING	1	HIGH TEMPERATURE RESISTANT PLASTIC BLACK UL94 V-0
PART NO.:		DRAWN BY:	ZDT 深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO.,LTD
SEE THE PART NUMBER CODE		HuangXiaoHao	
GENERAL TOLERANCES		CHECKED BY:	
x.xxxx	± ---	liuzongliang	TITLE USB TYPE-C FEMALE 16PIN TOP-MOUNT L=6.5 CH=1.68
x.xxx	± 0.10	APPROVED BY:	
x.xx	± 0.25	Jacky	
x.x	± 0.30		
ANGULAR	± 3°		
THIRD ANGLE PROJECTION		DIMENSIONS	SCALE
		mm	1:1
		DRAWING	A4
		SHEET NO.	1 OF 2
		DWG.NO.	CF055-02

REV	ECN No.	DATE	REMARK
A	NEW	2015.05.10	NEW RELEASE
B	ECN2003002	2020.03.12	修改图纸与实物相符
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D	--	2024.01.26	增加外壳黑镍电镀规格



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.60MM;DEFAULT TOLERANCE:±0.05



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	
x.xxxx	± ---	APPROVED BY: Jacky		USB TYPE-C FEMALE 16PIN TOP-MOUNT L=6.5 CH=1.68	
x.xxx	± 0.10	THIRD ANGLE PROJECTION		DIMENSIONS	SCALE
x.xx	± 0.25	mm		1:1	DRAWING
x.x	± 0.30	SHEET NO.		A4	2 OF 2
ANGULAR	± 3°	DWG.NO.		CF055-02	