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TID NO.	3379
IEC62680-1-3认证	24B01N000451-001-COM

REV	ECN No.	DATE	REMARK
A0	NEW	2019.11.20	NEW RELEASE
B	ECN202105002	2021.05.06	增加真空包装料号规格
C	---	2024.02.20	更新新图框

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: 40MQ/PIN MAX.
SHIELD:50MQ/MAX.

LLCR MAX. CHANGE OF ALL PINS: 10MQ.

1-4.INSULATION RESISTANCE: 100MQ 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:24H

7. With "▲" for the key control size

8.PART NUMBER CODE:

CF178-16 S X X X X X - 01

PACKING OPTIONS:

R:TAPE & REEL

VR:TAPE & REEL+真空包装

CONTACTS PLATED:

12:Contact Area: Au 3u"

Solder Tails:GF

15:Contact Area: Au 30u"

Solder Tails:GF

HOUSING COLOR:

B:BLACK

W:WHITE

L:BLUE

HOUSING MATERIALS:

C:PA9T

L:LCP

序号	PART NO.	REMARKS	PACKING
1	CF178-16SLB12R-01	LCP黑色接触镀金3u"无GF	TAPE & REEL
2	CF178-16SCB12R-01	PA9T黑色接触镀金3u"无GF	TAPE & REEL
3	CF178-16SLB15R-01	LCP黑色接触镀金30u"无GF	TAPE & REEL
4	CF178-16SLB12VR-0	LCP黑色接触镀金3u"无GF	TAPE & REEL+真空包装
5	CF178-16SLW12R-01	LCP白色接触镀金3u"无GF	TAPE & REEL

PIN DEFINITION:

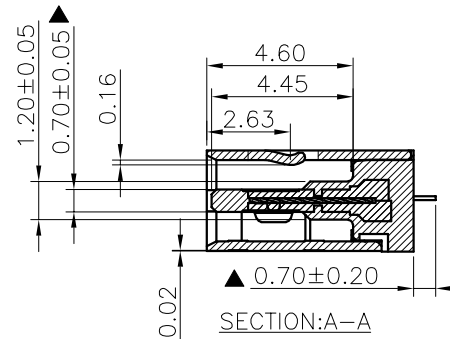
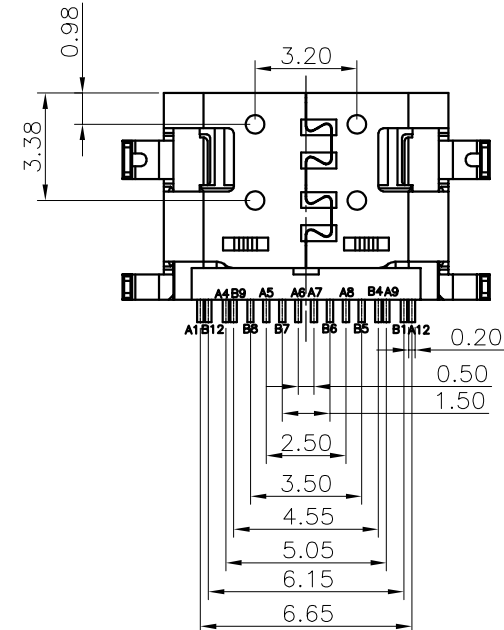
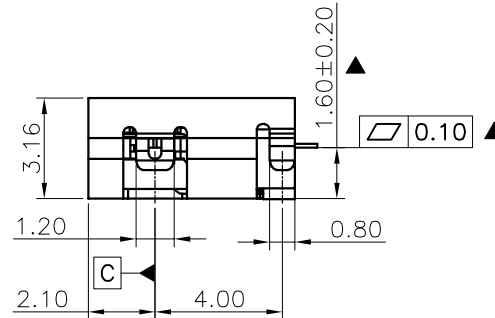
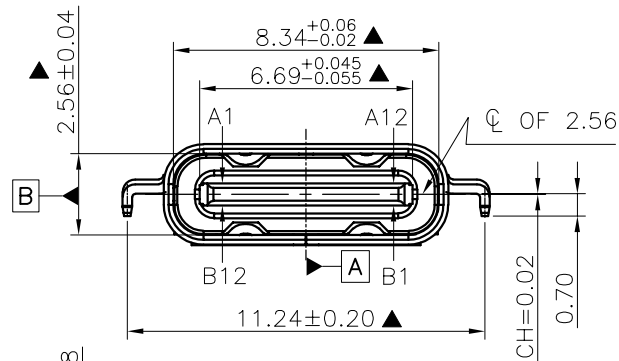
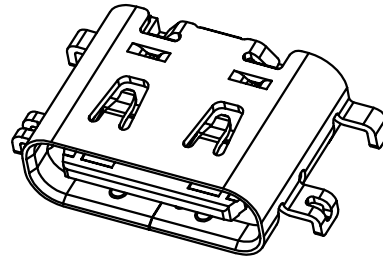
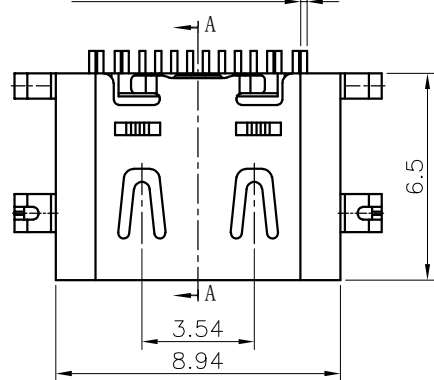
PIN No.	A1		A4	A5	A6	A7	A8	A9		A12
SIGNAL NAME	GND			VBUS	CC1	D+	D-	SBU1	VBUS	GND
PIN No.	B12		B9	B8	B7	B6	B5	B4		B1
SIGNAL NAME	GND		VBUS	SBU2	D-	D+	CC2	VBUS		GND

TABLE:

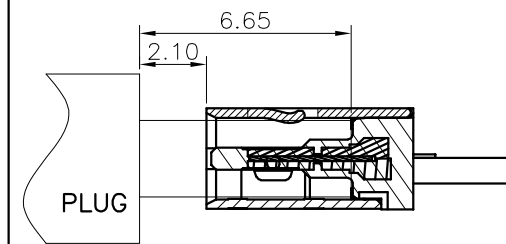
NO	PART	QTY	Material
1	SHELL	1	STAINLESS STEEL 304, BLACK NI 30u" MIN PLATED
2	Mid Plate	1	STAINLESS STEEL 301, NO PLATED
3	CONTACT	16	COPPER STEEL C18400,Au 3u"Plated On Vontact Area GF Plated On Solder Area;Nickel 50u"Min Underplating Over All.
4	HOUSING	1	LCP/PA9T UL94 V-0
PART NO.:		DRAWN BY:	
SEE THE PART NUMBER CODE		HuangXiaoHao	
GENERAL TOLERANCES		CHECKED BY:	
x.xxx		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.	
		CF178-16-01	

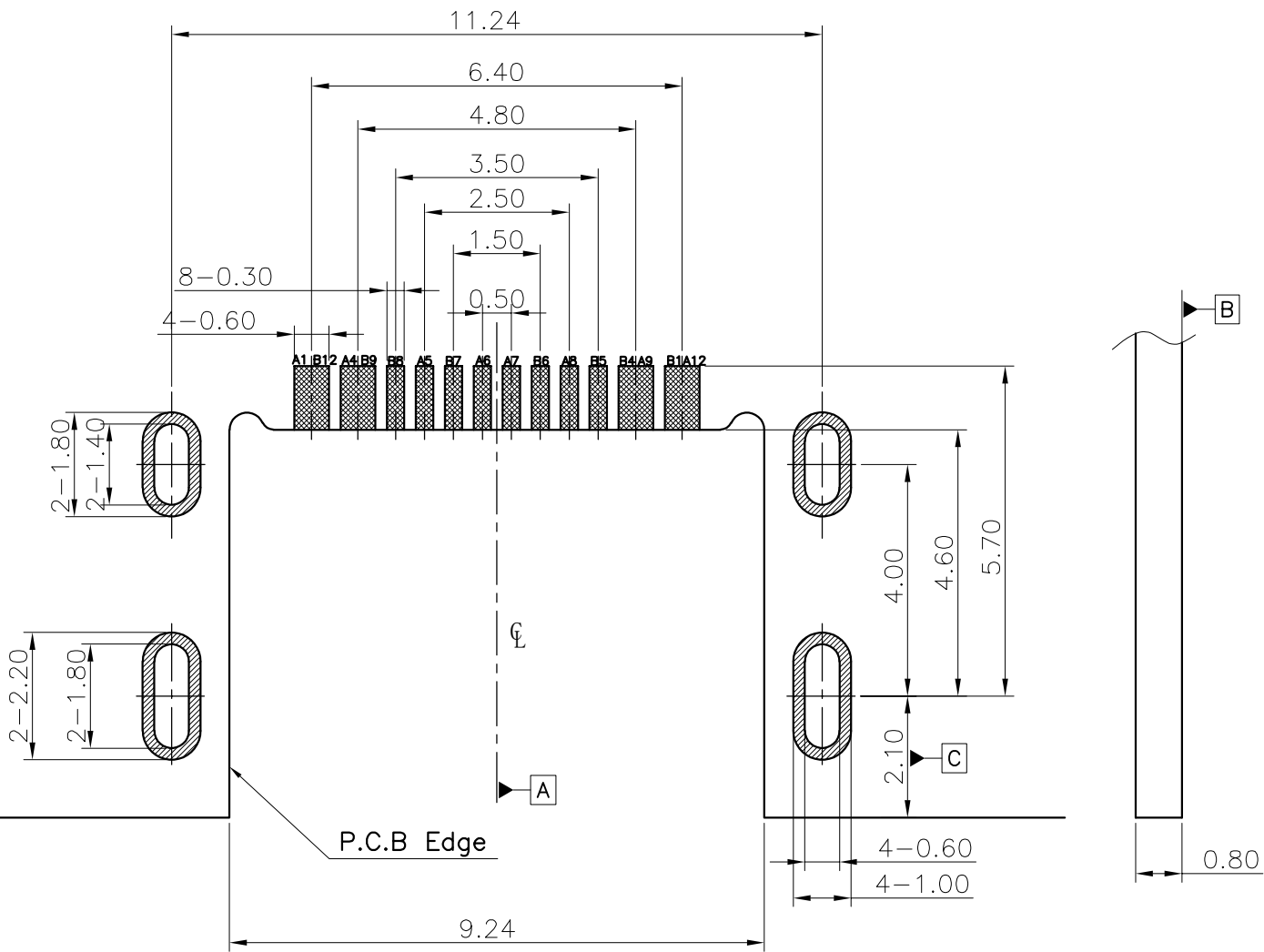
ZDT 深圳市中科兴达科技有限公司
SHENZHEN ZDT TECHNOLOGY CO.,LTD

TITLE
USB TYPE-C FEMALE 16PIN (L=6.5)
沉板1.6外壳带弹片款

 $0.20 \pm 0.05 (16X)$ 

AFTER MATING





REV	ECN No.	DATE	REMARK
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B	ECN202105002	2021.05.06	增加真空包装料号规格
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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:		TITLE USB TYPE-C FEMALE 16PIN (L=6.5) 沉板1.6外壳带弹片款
x.xxxx	± ---	liuzongliang		
x.xxx	± 0.10	APPROVED BY:		
x.xx	± 0.20	Jacky		
x.x	± 0.30	THIRD ANGLE PROJECTION		DIMENSIONS mm
ANGULAR	± 3°			
				DRAWING A4
				SHEET NO. 2 OF 2
				DWG.NO. CF178-16-01